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EMPLOYMENT AND EARNINGS

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

In this issue: Establishment data adjusted to reflect new benchmarks and historical corrections
Revised 1992 annual averages for national establishment survey data

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U.S. DEPARTMENT OF LABOR

Robert B. Reich, Secretary

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June 1993
Vol. 40 No. 6

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

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| Annual averages | Jan. |
| Union affiliation | Jan. |
| Earnings by detailed occupation | Jan. |
| Employee absences | Jan. |
| Revised seasonally adjusted series | Jan., Feb. |
| Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, family relationship data, weekly earnings data, and metropolitan-nonmetropolitan and poverty-nonpoverty area data | Jan., Apr., July, Oct. |

Establishment data

| | |
|---|-----------------------|
| National annual averages: | |
| Industry divisions (preliminary) | Jan. |
| Industry detail | Mar., June |
| Women employees | Mar., June |
| National data revised to reflect new benchmarks and new seasonal adjustment factors | June |
| Revised historical national data | Bulletin ¹ |
| State and area annual averages | May |
| Area definitions | May |

State and area labor force data

| | |
|-----------------|-----|
| Annual averages | May |
|-----------------|-----|

¹ The most recent publication was issued in August 1992.

Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

Editors' Note

Beginning with this issue, national estimates of employment, hours, and earnings from the monthly survey of business establishments have been revised back to April 1991 to reflect March 1992 benchmarks (comprehensive counts of employment). In addition, historical employment series from April 1981 through February 1991 have been revised to adjust for errors in the administrative data used to establish benchmark levels. Coincident with the incorporation of new benchmarks, all seasonally adjusted series have been revised based on updated seasonal adjustment factors which incorporate the experience through March 1993. However, due to the historical corrections, all employment series have been readjusted retroactively to January 1981.

The article beginning on page 6 discusses the effects of the revisions and provides new seasonal adjustment factors to be used to calculate establishment-based estimates for May-October 1993. Revised data appear in tables B-1 through B-7 and C-1 through C-7. Revised historical data will be published in a forthcoming BLS bulletin.

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Employment and Unemployment Developments, May 1993

Employment rose in May and unemployment was about unchanged. The unemployment rate, at 6.9 percent, was little different from the 7.0-percent rates of the previous 3 months.

Payroll employment—as measured by the survey of establishments—rose by 209,000, after seasonal adjustment, with sizable gains in services and construction. Total employment—as estimated through the survey of households—showed an unusually large gain of 857,000.

Unemployment

The number of persons who were unemployed in May (8.9 million) and the unemployment rate (6.9 percent) were little changed, not only from the prior month but also since the beginning of the year. Both series have, however, declined significantly from their peaks of last June.

There was little or no change over the month in the unemployment rates for adult men (6.4 percent), adult women (5.9 percent), and teenagers (19.7 percent). Likewise, the rates for whites (6.0 percent) and Hispanics (9.7 percent) remained at or near their April levels. The jobless rate for blacks fell by nearly a full percentage point to 12.9 percent in May. The rate for black teenagers, which is quite volatile, dropped by 6.5 percentage points to 40.3 percent. (See tables A-33 and A-34.)

There were few changes in the pattern of unemployment by duration in May. Since the end of 1992, however, the number of persons who had been jobless for 15 weeks and over has declined, by 600,000. Shorter term joblessness has shown little movement in this period. Accordingly, the median duration of unemployment has declined, from 9.4 weeks last December to 8.1 weeks in May. (See table A-40.)

Total employment and the labor force

The estimated number of employed persons surged by 857,000 in May to 119.3 million, seasonally adjusted. Wide swings in the total employment numbers have frequently occurred, however, in the spring and early summer. Reflecting this unusually large over-the-month gain in employment, the proportion of the population with jobs—the employment-population ratio—rose to 61.7 percent in May, after showing little change since the beginning of the year. (See table A-33.)

The number of persons in the civilian labor force showed an increase of 790,000 in May, reaching 128.1 million, seasonally adjusted. The labor force participation rate rose to 66.3 percent. (See table A-33.)

Industry payroll employment

Nonfarm payroll employment increased by 209,000 in May, following a similar gain in April. (Payroll data have been revised; see the article beginning on page 6.) May's increase raises the employment level to nearly 110.0 million, exceeding the June 1990 prerecession employment peak for the first time. While much of the growth was again concentrated in services, construction employment showed strength as well. Manufacturing employment, on the other hand, declined for the third straight month. (See table B-4.)

Construction added 67,000 jobs in May; the growth appears to have been spurred by better weather across the country, as well as continued low interest rates and pent-up demand for new homes. Since January, construction employment has risen by 130,000. Mining employment was unchanged in May.

The number of manufacturing jobs decreased by 39,000 in May, and the decline since February totaled 133,000. The durable goods portion of manufacturing lost nearly 50,000 jobs in May, offsetting minor gains in nondurable goods. As in the prior 2 months, much of the employment decline took place in transportation equipment (21,000), principally in automobile and aircraft manufacturing. Other notable areas of weakness within durables included fabricated metals, industrial machinery, electronic equipment, and instruments and related products, which together accounted for 23,000 of the lost jobs.

Within the service-producing sector, the services industry gained 126,000 jobs, following an even larger increase in April. Employment in services has increased by nearly 2 million since the recession ended in March 1991. Although much of the growth in May again occurred in business and health services, there were also gains in other service industries (which are shown in table B-4 for the first time).

Employment in retail trade edged up by 21,000 jobs in May, as continued losses in general merchandise stores were more than offset by gains elsewhere, particularly in

eating and drinking places. Retailers have added 440,000 jobs since December 1991, nearly returning employment to its prerecession peak. Wholesale trade employment increased in its nondurable goods distribution component. The transportation industry gained 11,000 jobs in May, mostly in trucking. Federal Government employment continued to edge downward, while State and local government employment continued to expand at a moderate pace.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls increased 0.4 hour in May to 34.8 hours, seasonally adjusted, its highest level since April 1989. The manufacturing workweek and overtime hours remained at the extraordinarily high levels of 41.5 and 4.2 hours, respectively. (See table C-5.)

The index of aggregate weekly hours of private production or nonsupervisory workers on nonfarm payrolls increased by 1.4 percent in May to 124.7 (1982 = 100), after seasonal adjustment. The index for manufacturing, however, declined by 0.2 percent, due to the employment loss. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers increased by 0.6 percent in May to \$10.83, seasonally adjusted. Weekly earnings increased by 1.7 percent to \$376.88. Before seasonal adjustment, average hourly earnings rose 3 cents to \$10.82 and weekly earnings increased by \$6.43 to \$375.45. Over the year, hourly earnings increased by 2.8 percent and weekly earnings by 3.6 percent. (See tables C-1 and C-7.)

Planned Changes for the Household Survey Data

Beginning in 1994, with the release of data for January, estimates from the Current Population Survey (household survey) will reflect the results of a major redesign of the survey. The redesign is being undertaken to obtain more accurate and comprehensive information on the labor force. As part of this effort, the survey questionnaire is being revamped to include many new and revised questions regarding individuals' employment and unemployment activities, and a fully automated data collection environment is being introduced.

Work on the redesign began in the late 1980's. The new questionnaire is being tested for an 18-month period, July 1992-December 1993, in a separate national sample survey of about 13,000 households to gauge the effect of both the new questions and the automated data collection procedures on the labor force estimates. Results from this survey will be compared to estimates based on the current CPS questionnaire, and the findings will be published in an article in the February 1994 issue of *Employment and Earnings*.

| Scheduled Release Dates | | | |
|--|---------------------|------------------------|---------------------|
| Employment and unemployment data are scheduled for initial release on the following dates: | | | |
| <i>Reference month</i> | <i>Release date</i> | <i>Reference month</i> | <i>Release date</i> |
| June | July 2 | September | October 8 |
| July | August 6 | October | November 5 |
| August | September 3 | November | December 3 |

BLS Establishment Estimates Revised to Incorporate March 1992 Benchmarks and Historical Corrections

Stephen Kreisler

With the release of data for May 1993, the Bureau of Labor Statistics introduced its annual revision of national estimates of employment, hours, and earnings from the Current Employment Statistics (CES) monthly sample survey of nonfarm establishments. Each year, the sample estimates are adjusted to universe counts of employment, known as benchmarks. Benchmarks are principally derived from a separate BLS program that aggregates the employment data reported on unemployment insurance (UI) tax reports that virtually all employers file each quarter with their State employment security agencies. This revision incorporates the March 1992 benchmarks and affects all unadjusted series beginning with April 1991.

In addition to the annual benchmark revision, the Bureau has also completed a one-time adjustment to the national employment estimates for April 1981 through February 1991. The adjustment incorporates corrections to the historical series, which were necessitated by improvements made to the UI universe data in the first quarter of 1991. These improvements had resulted in a series' break, which was fully recognized and quantified only after the Bureau conducted extensive research into the causes of last year's atypically large benchmark revision. The historical revision affected the establishment survey's estimates for all employees, women workers, and production workers; all hours and earnings data remained unchanged.

As is customary with the incorporation of new benchmarks, the Bureau has revised all seasonally adjusted series and introduced new seasonal adjustment factors that will be used in the ensuing months. Due to the historical modification, all series have been readjusted retroactively to January 1981.

BLS has also begun publishing employment, hours, and earnings data for 26 additional industries as part of an effort to expand publication of data for the service-producing sector. Text table A shows some characteristics of these industries. The Bureau has also begun supplementing the initial (first preliminary) publication of monthly all-employee estimates with data from 20 additional industries. The publishing of these statistics extends the detail but does not affect the totals and subtotals for industry divisions or groups.

Stephen Kreisler is an economist in the Division of Monthly Industry Employment Statistics, Bureau of Labor Statistics.

Text table A. Selected characteristics of 26 additional industries in the service-producing sector, March 1992

| Industry | 1987 SIC code | Benchmark employment (thousands) | Number of reporting units |
|--|---------------|----------------------------------|---------------------------|
| Air transportation, scheduled ¹ | 4512 | 499.9 | 553 |
| Telephone communications, except radio | 4813 | 833.5 | 908 |
| Office equipment ¹ | 5044 | 190.3 | 590 |
| Stationery and office supplies ¹ | 5112 | 128.1 | 347 |
| Paint, glass, and wallpaper stores | 523 | 66.1 | 513 |
| Florists, tobacco stores, and newstands ¹ | 5992,3,4 | 139.0 | 537 |
| State commercial banks ² | 6022 | 600.3 | 2,565 |
| National and commercial banks, n.e.c. | 6021,9 | 887.4 | 2,247 |
| Hospital and medical service plans | 6324 | 205.5 | 203 |
| Veterinary services | 074 | 135.9 | 911 |
| Landscape and horticultural services ... | 078 | 260.2 | 1,359 |
| Automotive rentals, without drivers ² | 751 | 156.7 | 453 |
| Passenger car rental | 7514 | 95.1 | 282 |
| Automotive and tire repair shops | 7532,4 | 171.5 | 1,021 |
| General automotive repair shops | 7538 | 203.7 | 968 |
| Automotive services, except repair | 754 | 164.9 | 651 |
| Car washes | 7542 | 98.8 | 442 |
| Offices and clinics of chiropractors and optometrists ¹ | 8041,2 | 146.5 | 523 |
| Social services ² | 83 | 1,933.2 | 6,964 |
| Individual and family services ² | 832 | 517.5 | 1,845 |
| Job training and related services | 833 | 258.0 | 874 |
| Residential care ² | 836 | 523.9 | 1,670 |
| Social services, n.e.c. ... | 839 | 180.3 | 889 |
| Commercial physical research ² | 8731 | 234.9 | 362 |
| Commercial nonphysical research | 8732 | 98.5 | 224 |
| Noncommercial research organizations ² | 8733 | 140.4 | 367 |

¹ Data are published for all employees and women, only.

² Data for all employees and women were already published; publication has been extended to nonsupervisory workers, hours, and earnings.

Summary of the 1992 benchmarks

The March 1992 benchmark level for total nonfarm employment was 107,300,000. This was 59,000, or 0.1 percent below the corresponding sample-based estimate. This slight downward revision was comparable to most of the benchmark adjustments over the past several years. (See table 1.)

The March 1992 (not seasonally adjusted) revisions are summarized by industry in table 2. Although the total aggregate revision was small, there were slightly larger but offsetting errors in the industry divisions. A downward adjustment of the goods-producing sector counteracted a similar upward change in the service-producing sector.

Employment in the goods-producing sector was revised downward by 263,000, or 1.2 percent. This was primarily due to adjustments in construction (-109,000, or -2.6 percent) and manufacturing (-149,000, or -0.8 percent). Within manufacturing, durable goods was revised downward by 1.0 percent and nondurable goods by 0.6 percent. Sizable corrections were made to industrial machinery and equipment (-23,000, or -1.2 percent) and instruments and related products (-19,000, or -2.0 percent).

By contrast, employment estimates in the service-producing sector were increased by 204,000, or 0.2 percent. This increase occurred despite a large downward modification in finance, insurance, and real estate (-100,000, or -1.5 percent), as upward revisions were spread throughout the remaining divisions. Notable industry level changes were found in general merchandise stores (85,000, or 3.6 percent), eating and drinking places (115,000, or 1.8 percent), and depository institutions (-66,000, or -3.1 percent).

Although the revisions to construction and finance, insurance, and real estate appear excessive, a substantial portion of these adjustments stem from industry coding corrections in the universe data which shifted employment among the nine divisions. These corrections, known as noneconomic code changes, are more fully explained in the section on benchmark methods.

New estimates have been computed for each month since March 1992, based on the new benchmark levels. The modified levels reflected the application of sample-based monthly changes to new benchmark levels for March, as well as the recomputation of bias and seasonal adjustment factors. Table 3 shows the extent of the revisions between January 1992 and February 1993 in both level and change, through a comparison of seasonally adjusted monthly data as previously published and revised. While the benchmark error was small, the recalculation of bias factors resulted in fairly sizable upward revisions, averaging about 35,000 per month, for the period following March 1992. Comparison of the original monthly CES employment estimates with raw universe counts for the second and third quarters of 1992 helped confirm that the upward adjustment was necessary.

Why benchmarks differ from estimates

A benchmark revision is defined as the difference between the benchmark level for a given March and its corresponding sample-based estimate. The overall accuracy of the establishment survey is often gauged by the size of this difference. While many analysts regard the revision as a proxy of total survey error, this would presume that the universe data are without error. These unemployment insurance counts are, however, administrative data that reflect employer recordkeeping practices and differing State laws and procedures. The benchmark revision is, therefore, more precisely interpreted as the difference between two independently derived employment counts, each subject to its own sources of error.

Like any sample survey, the establishment survey is susceptible to two sources of error: sampling error and nonsampling error. Sampling error is present anytime a sample is used to make inferences about a population. The magnitude of this error, or variance, relates directly to sample size and the percentage of the universe covered by the sample. The CES survey captures slightly over one-third of the universe—very high by usual sampling standards. This coverage implies a very small sampling error at the total nonfarm employment level.

Both the universe counts and the establishment survey estimates are subject to nonsampling errors common to all surveys—coverage, response, and processing errors. The error structures for both the CES survey and the UI universe are complex. Still, the two programs generally produce fairly consistent total employment figures, each validating the other. Over the past decade, annual benchmark revisions at the total nonfarm level have averaged 225,000 (0.2 percent), with an absolute range from 0 to 640,000 (0.6 percent).

Effect of benchmark revisions on other series

Small revisions, due to the routine benchmarking process, can occur in the series on women workers and production or nonsupervisory workers. Although there are no benchmark employment levels for these series, they are modified by computing ratios of employment for the particular series to all employees prior to benchmarking and then applying the ratios to the revised all-employee figures. These figures are adjusted at the basic cell level and then aggregated to produce the summary estimates.

Average weekly hours and average hourly earnings are estimated directly from reported figures at the estimating cell level and are not benchmarked. However, the broader industry groups of the hours and earnings series require a weighting mechanism to yield meaningful averages. The production or nonsupervisory worker employment estimates for the basic cells are used as weights for the hours and earnings estimates for broader industry groupings. Adjustments of the all-employee estimates to new benchmarks may alter the weights, which, in turn, may change

the estimates for hours and earnings of production or non-supervisory workers at higher levels of aggregation.

Generally, new employment benchmarks have little effect on hours and earnings estimates for major groupings. To influence the hours and earnings estimates of a broader group, employment revisions have to be relatively large and must affect industries which have substantially different hours or earnings averages than other industries in their group. Occasionally, corrections of errors in the reported payroll data for individual establishments may also change the averages of selected industries. Table 4 gives detailed information on revisions to specific hours and earnings series resulting from the March 1992 benchmark. As indicated, there were only minor adjustments to these data.

Methods

Benchmark adjustment procedure. Establishment survey benchmarking is done on an annual basis to a "population" count that is primarily derived from the administrative file of employees covered by unemployment insurance (UI). The benchmark adjustment procedure replaces the sample-based employment estimates for March of each year with respective UI-based population counts. The benchmark, therefore, determines the final employment levels for a specific point in time, while sample movements are used to capture month-to-month trends.

Benchmarks are established for each of the 1,690 industry-size-class basic estimation cells and are aggregated to published levels. The monthly sample-based estimates for the year preceding and the year following the benchmark are also then subject to revision.

With the exception of eating and drinking places (SIC 58), employment estimates for the months between the most recent March benchmark and the prior year's benchmark, the interbenchmark period, are adjusted using a "wedge back" procedure. The wedge procedure implicitly assumes that total estimation error began accumulating at a constant rate the month after the prior year's benchmark. In this process, the difference between the benchmark level and the previously published March estimate for each cell is computed and incrementally spread across the previous 11 months. The wedge is linear; eleven-twelfths of the March difference is added to February, ten-twelfths to January, and so on, ending with the previous April, which receives one-twelfth of the March difference. The difference is not wedged backward beyond April, because the previous March value is the prior year's benchmark count.

Unlike other industries, estimates for eating and drinking places are not wedged. Instead, the interbenchmark period for this industry is adjusted by substituting the CES estimates with monthly universe counts. The volatility of this industry, which stems from the rapid formations and failures of establishments, as well as its extreme seasonal

variation, complicates its estimation and necessitates the replacement with UI data.

Estimates for the months following the March benchmark are recalculated by applying previously derived over-the-month sample changes to the revised March level. New bias adjustment factors, which incorporate the most recent benchmark, are also calculated and applied during post-benchmark estimation.

Benchmark source material. The principal source of benchmark data for private industries is the "ES-202 report," which contains employment data reported to State employment security agencies by employers covered by State UI laws. UI coverage currently extends to approximately 98 percent of employees in the total nonfarm sector and 99 percent of those in the private nonfarm sector. Employment figures for the executive, legislative, and judicial branches of the Federal Government, though covered by the ES-202, are derived from official summaries prepared by the U.S. Office of Personnel Management (OPM). These summaries are complete counts of Federal workers and are, therefore, not benchmarked to the UI data.¹

The official OPM summaries do not provide industry detail for Federal employment on a monthly basis. This is estimated by BLS from a sample of Federal establishments.

BLS uses several sources to obtain employment counts for the remaining industries partially covered or exempt from mandatory UI coverage. Data on employees covered under Social Security laws, published by the Bureau of the Census in *County Business Patterns*, are used to augment UI data for nonoffice insurance sales workers, child day care workers, religious organizations, and private schools and hospitals. Benchmarks for State and local government hospitals and educational institutions are based on the Annual Survey of Governments conducted by the Bureau of the Census. Data for interstate railroads are obtained from the Interstate Commerce Commission.

Bias adjustment. Bias adjustment factors are computed for each 3-digit SIC level, but are applied at the basic cell level, as part of standard monthly estimation procedures. The main purpose of bias adjustment is to reduce a primary source of nonsampling error in the survey: the inability to capture, on a timely basis, employment generated by new firm births. There is a lag of several months between an establishment opening for business and its appearance on the UI universe frame to be eligible for sampling. Because new firms generate a substantial amount of employment growth during any given year, nonsampling methods must be used to capture this growth; otherwise substantial underestimation of total employment levels would occur.

¹ Employees of the Central Intelligence Agency, the National Security Agency, and those of the Department of Defense paid from nonappropriated funds are not included in the OPM summaries of these series and are, therefore, not counted.

Formal bias adjustment procedures have been used in the CES program since the late 1960's. Prior to the 1983 benchmark, bias adjustments were derived from a simple mean error model, which averaged undercount errors for the previous 3 years to arrive at bias projections for the coming postbenchmark year.

This procedure eventually proved inadequate during periods of rapidly changing employment trends, and bias adjustment methods were revised. Research done in the early 1980's indicated that bias requirements were strongly correlated with current employment growth or decline. Based on this research, a revised method was developed which incorporated data on employment change over the most recent two quarters, and a regression-derived coefficient for the significance of that change to adjust the mean error model results. This method incorporates more cyclical sensitivity into the bias model. The resultant regression-adjusted mean error model has been in use since 1983 for the production of national estimates.

Text table B summarizes the above discussion. Along with the total private CES benchmarks and revisions for March of 1983 through 1992, the table also reveals the average monthly "bias added" and "bias required." Bias added is the average amount of bias which is added each month over the course of an interbenchmark period. For example, the bias added for 1992 was 33,000; this represents the average bias adjustment made each month over the period April 1991 through March 1992. Bias required is computed retrospectively, after the March benchmark for a given year is determined. Total bias required is the difference between a March estimate derived purely from the CES sample (i.e., a series calculated without any bias adjustment) and the March benchmark. Dividing this figure by 12 gives the average monthly bias required, which represents the amount of monthly bias adjustment necessary to achieve a zero benchmark error. The difference between the total bias required and total bias added is approximately the benchmark revision amount for a given year. Also included in the table, for comparison, is the March-to-March change. As discussed above, the over-the-year change closely correlates with the bias added and bias required figures.

The current model still has limitations in its ability to react to changing economic conditions or changing error structure relationships between the sample-based estimates and the UI universe tabulations. A principal disadvantage is the model's inability to incorporate UI counts as they become available on an ongoing basis, with their 6- to 9-month lag from the reference period. The quarterly bias factors currently produced by the model are therefore subject to intervention analysis, and adjustments can be made to its results prior to the establishment of final factors for a quarter. The bias factors are reviewed primarily through detection of outlier (i.e., abnormally high or low) values and by comparison of CES sample and bias trends with the

most recent quarterly observations of UI universe counts. The Bureau is currently studying improved bias models using a Kalman filter technique, which would allow a more formal, structured incorporation of each quarter's universe counts in the modeling process.

Text table B. March employment benchmarks and bias adjustments for total private industries, March 1983-92

| Year | Benchmark | | Average monthly bias | | Over-the-year employment changes ⁵ |
|------------|-------------------------|-----------------------|----------------------|-----------------------|---|
| | Employment ¹ | Revision ² | Added ³ | Required ⁴ | |
| 1983 | 72,043 | -78 | 102 | 96 | -1,327 |
| 1984 | 76,371 | 341 | 140 | 169 | 4,328 |
| 1985 | 79,446 | -131 | 152 | 141 | 3,075 |
| 1986 | 81,204 | -400 | 149 | 116 | 1,758 |
| 1987 | 83,173 | 21 | 98 | 99 | 1,969 |
| 1988 | 86,180 | -310 | 114 | 88 | 3,007 |
| 1989 | 89,015 | -93 | 131 | 123 | 2,835 |
| 1990 | 90,546 | -261 | 85 | 63 | 1,531 |
| 1991 | 88,790 | -583 | 61 | 12 | -1,756 |
| 1992 | 88,347 | -130 | 33 | 22 | -443 |

¹ Universe counts for March of each year are used to make annual benchmark adjustments to the employment estimates. About 99 percent of the benchmark employment are obtained from unemployment insurance administrative records, and the remaining 1 percent from alternate sources. Data represent benchmark levels as originally computed; levels for 1983-90 were subsequently corrected.

² Difference between the final March sample-based estimate and the benchmark level for total private employment.

³ The average amount of bias adjustment each month over the course of an interbenchmark period, i.e., from April of the prior year through March of the given year.

⁴ The difference between the March benchmark and the March estimate derived solely from the sample without bias adjustment, converted to a monthly amount by dividing by 12.

⁵ March-to-March changes in the benchmark employment level.

NOTE: Data in this table exclude government employment because there is no bias adjustment for this sector.

Noneconomic code changes. A major source of benchmark revision at the major industry division levels and below are noneconomic code changes, which are introduced into the universe data the first quarter of each calendar year.

Each year, approximately one-third of all establishments are included in the universe program's Standard Industrial Classification (SIC) refiling survey. Corrections to individual establishments SIC and ownership codes are made through this process. The volume of these corrections is generally quite large and can have a substantial impact on universe counts at the industry division level, although they have a minimal effect on total nonfarm employment. The cycle is such that entire division(s) are subject to refiling every third year. When a division is refiled, a substantial amount of its employment may be reclassified into other major divisions, consequently lowering its benchmark level and potentially causing a significant downward revision. Correspondingly, the reclassification would raise the benchmark levels in other industries that

are the recipients of the reclassified establishments. Noneconomic code changes only affect the total nonfarm level when establishments are refiled into or out of industries outside the CES program's scope of employment coverage.

Effects for the 1992 benchmark. The first quarter 1992 UI refiling of the goods-producing sector, transportation and public utilities, and finance, insurance, and real estate significantly altered the composition of the March 1992 benchmark revisions. Text table C shows the net effect on all major divisions from the most recent refiling, and displays the actual benchmark revision alongside an "adjusted benchmark revision," the amount of revision excluding the noneconomic code change component. Note that without the code changes, revisions would have been more evenly distributed among each of the major divisions. Specifically, much of the adjustment made to construction and finance, insurance, and real estate, -44,000 for both industries, was attributable to the noneconomic code changes resulting from SIC refiling.

Special correction of historical employment series

Although this year's revision appears quite small relative to the size of employment at the nonfarm level, it is in fact commensurate with most of the benchmarks over the past several years. However, last year's benchmark error of -640,000, or -0.6 percent was exceptionally large by historical standards, and warranted extensive research and analysis into its causes.

Characteristics of the 1991 benchmark. As described above, the national CES employment data are benchmarked annually by replacing March sample-based estimates with more complete universe counts. These counts are obtained primarily from employment tabulations produced as a byproduct of the UI tax system. Although a full benchmark is constructed only for March, raw universe employment counts are available for each month, on a lagged basis, and their movements can be directly compared to the monthly changes estimated by the CES program.

By tracing both the universe counts and the sample-based estimates beginning in March 1990, the Bureau discovered that most of the -640,000 disparity was actually the result of a sudden, sharp drop in the universe employment tabulations between December 1990 and January 1991, a decline that was not fully replicated by the CES estimates. The January 1991 divergence was an anomaly; the two independent counts had historically tracked monthly employment changes at fairly consistent rates.

Other employment-related indicators—including employment estimates from the Current Population Survey, initial unemployment insurance claims, new and terminated UI accounts (a rough proxy for business births and

deaths), mass layoff statistics, and unit counts of employers reporting for Social Security tax purposes—were reviewed and revealed no evidence of an abrupt, single month employment decline. Consequently, the divergence between the CES and UI employment data was unusual not only because of its magnitude, but also because the discrepancy was limited to a large 1-month decline in the universe counts that was not replicated by the sample-based estimates, nor confirmed by other economic indicators.

Initial BLS research efforts. The peculiar nature of the 1991 benchmark disparity prompted the Bureau to undertake a thorough examination to determine whether the January 1991 divergence was primarily the result of limitations in the CES survey or changes in the quarterly UI reporting system.²

The CES survey's inherent difficulty in estimating employment created by business formations and lost by business deaths, as well as the possible presence of bias toward larger and/or more stable firms, were each investigated as possible factors. However, after extensive research, BLS concluded that these factors had not contributed substantially to the survey/universe count discrepancy.

BLS also examined modifications to the universe reporting procedures: specifically, a new initiative implemented by a majority of the States in the first quarter of 1991 for the purpose of disaggregating multi-establishment reports down to the single worksite level. In order to accommodate this change, a new reporting form and set of instructions were created. These instructions clarified to a greater degree the necessary employment and wage information the employer was asked to provide. Employers correcting their job count responses, after reviewing the new forms, offered a possible explanation for the unusual movement recorded by the universe data for January 1991.

Results of further research. In January 1993, the Bureau concluded and subsequently announced that the sudden disparity in the employment counts of the two programs was in fact largely the result of reporting improvements in the UI administrative records, confirming that a large percentage of the January 1991 universe employment decline was noneconomic. BLS has estimated that 543,000 of the 640,000 downward revision of the March 1991 benchmark was attributed to reporting corrections, while an additional 60,000 stemmed from the use of a more accurate benchmark data source for child day care services (SIC 835), an industry that many States partially exempt from UI coverage. In sum, most of the 1991 benchmark revision was from a one-time noneconomic series break in the UI universe data, thus inferring an actual survey estimation error of only -37,000, an amount well within the normal historical range.

² A more complete discussion of the focus of the Bureau's research efforts appears in *Employment and Earnings*, June 1992.

Text table C. Effect of noneconomic code changes on benchmark employment levels by industry, March 1992

| Industry | Overall benchmark revision changes | Net employment shift due to code changes ¹ | Benchmark revision, less effect of code changes | Percent benchmark revision | |
|---|------------------------------------|---|---|----------------------------|----------------------------|
| | | | | Total | Less effect of code change |
| Total nonfarm | -59 | 6 | -65 | -0.1 | -0.1 |
| Mining | -5 | -7 | 2 | -.8 | .3 |
| Construction | -109 | -44 | -65 | -2.6 | -1.6 |
| Manufacturing | -149 | -20 | -129 | -.8 | -.7 |
| Transportation and public utilities | -33 | -11 | -22 | -.6 | -.4 |
| Wholesale trade | 44 | 11 | 33 | .7 | .6 |
| Retail trade | 164 | 37 | 127 | .9 | .7 |
| Finance, insurance, and real estate | -100 | -44 | -56 | -1.5 | -.9 |
| Services | 58 | 83 | -25 | .2 | -.1 |
| Government | 71 | 1 | 70 | .4 | .4 |

¹ Shift is measured based on the December 1991 employment levels.

BLS reached this conclusion after an extensive effort to contact UI respondents. Due to the aforementioned improved reporting forms and instructions, many historical overcounting errors in the UI were corrected in the first quarter of 1991. For example, some respondents had previously been providing payroll check counts rather than worker totals, resulting in an overstatement of employment whenever an employee received more than one paycheck. Much of the contact effort involved the valued assistance of the payroll processing industry. Because many of the UI tax returns are filed using standard industry software, corrections made to the software to eliminate the overcounting were reflected in small employment count drops across a large number of reports. These adjustments were negligible on an individual establishment basis, but in the aggregate they accumulated to a substantial drop in the January 1991 employment counts. The magnitude of the presumed error reflected in the CES employment estimates prior to the correction in the first quarter of 1991 are shown in text table D.

Given the sensitivity of the establishment data and the concern generated by this issue, BLS requested that the American Statistical Association (ASA) appoint an independent expert panel to conduct a separate inquiry into the causes of the downward adjustment, and to make recommendations on correcting the CES historical data. The ASA final report fully concurred with the Bureau's conclusions on the causes of the 1991 benchmark revision and suggested adjustment procedures to allow for the UI correction.³

These recommendations, which were accepted by the Bureau, are detailed below.

How the historical revision was conducted. Under normal annual benchmark practices, differences between the UI tabulations and the sample-based estimates, which could

³ ASA findings and recommendations appear in *Report from ASA Panel to the Bureau of Labor Statistics*, American Statistical Association, March 1993.

originate from sampling or nonsampling errors, are assumed to have gradually accumulated over the prior 11 months, and are smoothed out beginning in April of the previous year using a "wedge back" procedure. (See the methods section above.) Because conclusive results on the cause of the -640,000 disparity between the UI-based benchmark and the CES sample-based estimates were not available at the time of the release of the March 1991 benchmark, normal procedures were followed, and the revision was wedged over the April 1990 to February 1991 period. However, this adjustment was not warranted, because much of the January 1991 drop recorded in the universe counts resulted from corrections to UI reporting errors, not actual job loss. The Bureau, therefore, undertook a comprehensive revision to the employment data to adjust overstated levels for years prior to 1991. Employment estimates have been modified downward for the period April 1981 through February 1991 to correct for the overstatement in universe counts which had grown to approximately 543,000 by the end of 1990. The adjustment has been wedged in at the rate that the overcount error is estimated to have accumulated.

The historical revision was actually a three-step process. First, the April 1990 through February 1991 employment data were "unwedged" in order to remove the wedging of the -640,000 adjustment over the 1 year. Second, this period was rewedged using the revised benchmark error of -37,000, the amount not ascribed to the noneconomic break. Finally, the remainder of the -640,000 was incrementally applied across the previous 10 years in such a way as to reflect the assumed accumulated growth rate of the correction.

The precise monthly revision amounts can be obtained by subtracting the corrected series from the previously published data, as shown in table 5. The differences between the two series (not seasonally adjusted) increase each month from April 1981 through March 1990. These amounts then incrementally decrease from March 1990 through February 1991, the last month affected by the historical corrections. This decrease is explained by the

Text table D. Estimates of pre-1991 error in benchmark source data by industry
(In thousands)

| Industry | Pre-1991 error |
|---|----------------|
| Total | 543 |
| Total private | 543 |
| Goods-producing industries | 98 |
| Mining | 1 |
| Construction | 23 |
| Manufacturing | 74 |
| Durable goods | 38 |
| Nondurable goods | 36 |
| Service-producing industries | 445 |
| Transportation and public utilities | 27 |
| Wholesale trade | 48 |
| Retail trade | 103 |
| Finance, insurance, and real estate | 37 |
| Services | 230 |

previous downward adjustment of this time period as a result of the original 1991 benchmark process.

A comparison of the seasonally adjusted data as previously published and as revised for March 1990 through March 1991 is also presented in table 5. The modified series alters the estimates of job loss during the July 1990 to March 1991 recession. The previously published figures indicated an employment loss for that period of 1,734,000. The corrected data now show a recession job loss of 1,337,000, a figure nearly identical to that originally reported in the establishment survey estimates prior to the 1991 benchmark revision.

Other affected series. The establishment survey's two supplementary employment series of women and production workers, which are not benchmarked, were recomputed for the same April 1981 through February 1991 period by preserving the ratios to the original employment data and applying them to the new adjusted all-employee levels. The weighting mechanisms that were used to recalculate average weekly hours and average hourly earnings were found to be negligibly influenced by the employment adjustment; the historical estimates for these series were therefore not altered.

Seasonal adjustment procedure

BLS uses the X-11 ARIMA (Auto-Regressive Integrated Moving Average) seasonal adjustment procedure, developed by Statistics Canada,⁴ to seasonally adjust establishment-based employment, hours, and earnings data. The ARIMA option is used to project the unadjusted data forward for 1 year prior to seasonally adjusting the series. The use of ARIMA projections lessens the need for revi-

⁴ A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method* by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, January 1983.

sions of historical data in future seasonal adjustments. ARIMA projections are not used in series where the projections do not meet test requirements.⁵

The Bureau computes and publishes projected seasonal adjustment factors twice a year for use in seasonally adjusting establishment-based employment, hours, and earnings data. Factors for the 6-month period May through October 1993 are published in tables 7 through 12. Additionally, due to the historical correction, all published seasonally adjusted series have been revised retroactively to 1981 to incorporate new seasonal factors.

A moving-holiday extension of X-11 ARIMA is used to seasonally adjust the average weekly hours series and manufacturing overtime hours series to account for the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period.⁶ Historical seasonally adjusted series from January 1980 forward incorporate this adjustment.

All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. For employment, seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for hours and earnings series are obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted data are not published for a small number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These series are identified in table 10. These unpublished series are used, however, in aggregations to broader seasonally adjusted levels.

Publication of revised data

Historical data for detailed industry categories of employment, hours, and earnings will be presented in a forthcoming bulletin. This bulletin will contain all of the data revised as a result of both the March 1992 benchmarks and the historical corrections, as well as updated seasonal adjustment factors.

Employment, hours, and earnings data for the 26 new service-sector industries (text table A) will be published from the date of inception of each series. Seasonally adjusted all-employee estimates for the 20 industries supplementing the first preliminary publication will also be published from their respective date of inception.

Employment estimates are published monthly in *Employment and Earnings* for most of the significant nonfarm industries. Those industries for which monthly data are not published are either quite small or are not represented by a sufficient sample. Table 6 contains the March 1992 benchmark figures for these industries.

⁵ The series so affected are identified in tables 9 through 14.

⁶ A more detailed description of this adjustment appears in *Employment and Earnings*, January 1990.

Table 1. Percent differences between nonfarm employment benchmarks and estimates by industry, March 1985-92¹

| Industry | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|------------------|------|------------------|------|------------------|------|------|------|
| Total | (²) | -0.5 | (²) | -0.3 | (²) | -0.2 | -0.6 | -0.1 |
| Mining | -3.1 | -1.2 | -3.2 | -1.7 | -3.7 | -3.3 | -6 | -8 |
| Construction | 1.4 | -6 | -1.5 | -2.2 | -1.5 | -8 | -2 | -2.6 |
| Manufacturing | -5 | -1.1 | -5 | -7 | -1.0 | .3 | .1 | -8 |
| Transportation and public utilities | -1.0 | -3 | (²) | -7 | -1.7 | -3 | -1.0 | -6 |
| Wholesale trade | -5 | -1.9 | .7 | -1.5 | .8 | -2.6 | -2 | .7 |
| Retail trade | -2 | -5 | .9 | -3 | .5 | -3 | -3 | .9 |
| Finance, insurance, and real estate | .5 | -1 | -5 | -1 | -1.1 | -1.4 | -4 | -1.5 |
| Services | .1 | .3 | .1 | .5 | .8 | .3 | -1.6 | .2 |
| Government | .8 | -4 | -3 | -1 | .3 | .2 | -3 | .4 |

¹ Based on comparisons of final, published March estimates and benchmark levels, as originally published. Benchmark levels for 1985-90 were subsequently corrected. See table 6.

² Less than 0.05 percent.

Table 2. Differences between nonfarm employment benchmarks and estimates by industry, March 1992
(Numbers in thousands)

| Industry | Benchmark | Estimate | Difference | |
|--|-----------|----------|------------|---------|
| | | | Amount | Percent |
| Total | 107,300 | 107,359 | -59 | -0.1 |
| Total private | 88,347 | 88,477 | -130 | -.1 |
| Goods-producing industries | 22,724 | 22,987 | -263 | -1.2 |
| Mining ¹ | 634 | 639 | -5 | -.8 |
| Oil and gas extraction | 357 | 361 | -4 | -1.1 |
| Construction ¹ | 4,117 | 4,226 | -109 | -2.6 |
| General building contractors | 1,008 | 1,044 | -36 | -3.6 |
| Manufacturing | 17,973 | 18,122 | -149 | -.8 |
| Durable goods | 10,247 | 10,348 | -101 | -1.0 |
| Lumber and wood products | 657 | 669 | -12 | -1.8 |
| Furniture and fixtures | 472 | 463 | 9 | 1.9 |
| Stone, clay, and glass products | 498 | 504 | -6 | -1.2 |
| Primary metal industries | 696 | 707 | -11 | -1.6 |
| Blast furnaces and basic steel products | 253 | 256 | -3 | -1.2 |
| Fabricated metal products | 1,318 | 1,330 | -12 | -.9 |
| Industrial machinery and equipment | 1,929 | 1,952 | -23 | -1.2 |
| Electronic and other electrical equipment | 1,528 | 1,550 | -22 | -1.4 |
| Transportation equipment | 1,852 | 1,856 | -4 | -.2 |
| Motor vehicles and equipment | 807 | 808 | -1 | -.1 |
| Aircraft and parts | 632 | 638 | -6 | -.9 |
| Instruments and related products | 935 | 954 | -19 | -2.0 |
| Miscellaneous manufacturing | 361 | 363 | -2 | -.6 |
| Nondurable goods | 7,726 | 7,774 | -48 | -.6 |
| Food and kindred products | 1,598 | 1,614 | -16 | -1.0 |
| Tobacco products | 48 | 48 | 0 | 0 |
| Textile mill products | 669 | 676 | -7 | -1.0 |
| Apparel and other textile products | 1,008 | 1,021 | -13 | -1.3 |
| Paper and allied products | 682 | 683 | -1 | -.1 |
| Printing and publishing | 1,502 | 1,519 | -17 | -1.1 |
| Chemicals and allied products | 1,079 | 1,068 | 11 | 1.0 |
| Petroleum and coal products | 157 | 153 | 4 | 2.5 |
| Rubber and miscellaneous plastics products | 865 | 870 | -5 | -.6 |
| Leather and leather products | 118 | 122 | -4 | -3.4 |

Table 2 Differences between nonfarm employment benchmarks and estimates by industry, March 1992 – Continued
(Numbers in thousands)

| Industry | Benchmark | Estimate | Difference | |
|---|-----------|----------|------------|------------------|
| | | | Amount | Percent |
| Service-producing industries | 84,576 | 84,372 | 204 | .2 |
| Transportation and public utilities | 5,655 | 5,688 | -33 | -.6 |
| Transportation | 3,438 | 3,471 | -33 | -1.0 |
| Trucking and warehousing | 1,564 | 1,576 | -12 | -.8 |
| Transportation by air | 721 | 723 | -2 | -.3 |
| Communications and public utilities | 2,217 | 2,217 | 0 | 0 |
| Wholesale trade | 5,993 | 5,949 | 44 | .7 |
| Durable goods | 3,458 | 3,436 | 22 | .6 |
| Nondurable goods | 2,535 | 2,513 | 22 | .9 |
| Retail trade ¹ | 18,855 | 18,691 | 164 | .9 |
| General merchandise stores | 2,335 | 2,250 | 85 | 3.6 |
| Food stores | 3,138 | 3,138 | 0 | 0 |
| Automotive dealers and service stations | 1,939 | 1,978 | -39 | -2.0 |
| Apparel and accessory stores | 1,096 | 1,104 | -8 | -.7 |
| Eating and drinking places | 6,405 | 6,290 | 115 | 1.8 |
| Finance, insurance, and real estate | 6,534 | 6,634 | -100 | -1.5 |
| Finance | 3,143 | 3,218 | -75 | -2.4 |
| Depository institutions | 2,098 | 2,164 | -66 | -3.1 |
| Insurance | 2,142 | 2,149 | -7 | -.3 |
| Real estate | 1,249 | 1,267 | -18 | -1.4 |
| Services ¹ | 28,586 | 28,528 | 58 | .2 |
| Agricultural services | 437 | 435 | 2 | .5 |
| Hotels and other lodging places | 1,513 | 1,530 | -17 | -1.1 |
| Personal services | 1,168 | 1,157 | 11 | .9 |
| Business services | 5,098 | 5,096 | 2 | (²) |
| Personnel supply services | 1,499 | 1,529 | -30 | -2.0 |
| Auto repair, services, and parking | 871 | 873 | -2 | -.2 |
| Miscellaneous repair services | 340 | 329 | 11 | 3.2 |
| Motion pictures | 401 | 394 | 7 | 1.7 |
| Amusement and recreation services | 1,077 | 1,028 | 49 | 4.5 |
| Health services | 8,399 | 8,379 | 20 | .2 |
| Hospitals | 3,728 | 3,733 | -5 | -.1 |
| Legal services | 907 | 901 | 6 | .7 |
| Educational services | 1,791 | 1,819 | -28 | -1.6 |
| Social services | 1,933 | 1,925 | 8 | .4 |
| Museums and botanical and zoological gardens | 67 | 64 | 3 | 4.5 |
| Membership organizations | 1,933 | 1,993 | -60 | -3.1 |
| Engineering and management services | 2,469 | 2,440 | 29 | 1.2 |
| Government | 18,953 | 18,882 | 71 | .4 |
| Federal | 2,974 | 2,974 | 0 | 0 |
| State | 4,494 | 4,467 | 27 | .6 |
| Local | 11,485 | 11,441 | 44 | .4 |

¹ Includes other industries, not shown separately.

² Less than 0.05 percent.

Table 3. Differences in seasonally adjusted levels and over-the-month changes, total nonfarm employment, January 1992-February 1993
(In thousands)

| Year and date | Levels | | | Over-the-month changes | | |
|---------------|-------------------------|------------|------------|-------------------------|------------|------------|
| | As previously published | As revised | Difference | As previously published | As revised | Difference |
| 1992: | | | | | | |
| January | 108,100 | 108,051 | -49 | -54 | -66 | -12 |
| February | 108,142 | 108,045 | -97 | 42 | -6 | -48 |
| March | 108,200 | 108,164 | -36 | 58 | 119 | 61 |
| April | 108,377 | 108,347 | -30 | 177 | 183 | 6 |
| May | 108,496 | 108,470 | -26 | 119 | 123 | 4 |
| June | 108,423 | 108,454 | 31 | -73 | -16 | 57 |
| July | 108,594 | 108,605 | 11 | 171 | 151 | -20 |
| August | 108,485 | 108,615 | 130 | -109 | 10 | 119 |
| September | 108,497 | 108,674 | 177 | 12 | 59 | 47 |
| October | 108,571 | 108,789 | 218 | 74 | 115 | 41 |
| November | 108,646 | 108,921 | 275 | 75 | 132 | 57 |
| December | 108,752 | 109,079 | 327 | 106 | 158 | 52 |
| 1993: | | | | | | |
| January | 108,865 | 109,235 | 370 | 113 | 156 | 43 |
| February | 109,203 | 109,539 | 336 | 338 | 304 | -34 |

Table 4. Effect of March 1992 benchmark revisions on hours and earnings estimates, selected industries

| Industry | Average weekly hours | | | Average hourly earnings | | |
|--|----------------------|------------------|------------|-------------------------|------------------|------------|
| | Previous estimate | Revised estimate | Difference | Previous estimate | Revised estimate | Difference |
| Total private | 34.3 | 34.2 | -.1 | \$10.54 | \$10.52 | -\$0.02 |
| Mining | 43.8 | 43.8 | 0 | 14.54 | 14.56 | .02 |
| Construction | 37.3 | 37.3 | 0 | 14.03 | 14.07 | .04 |
| Manufacturing | 40.9 | 40.9 | 0 | 11.36 | 11.37 | .01 |
| Durable goods | 41.4 | 41.4 | 0 | 11.92 | 11.93 | .01 |
| Lumber and wood products | 40.6 | 40.6 | 0 | 9.34 | 9.35 | .01 |
| Furniture and fixtures | 39.5 | 39.6 | .1 | 8.89 | 8.90 | .01 |
| Stone, clay, and glass products | 41.4 | 41.3 | -.1 | 11.49 | 11.45 | -.04 |
| Primary metal industries | 42.7 | 42.6 | -.1 | 13.48 | 13.47 | -.01 |
| Fabricated metal products | 41.3 | 41.3 | 0 | 11.34 | 11.36 | .02 |
| Industrial machinery and equipment | 42.2 | 42.2 | 0 | 12.33 | 12.31 | -.02 |
| Electronic and other electrical equipment | 41.1 | 41.1 | 0 | 10.92 | 10.91 | -.01 |
| Transportation equipment | 41.7 | 41.7 | 0 | 14.99 | 15.05 | .06 |
| Instruments and related products | 41.2 | 41.2 | 0 | 11.84 | 11.80 | -.04 |
| Miscellaneous manufacturing | 39.9 | 39.9 | 0 | 9.11 | 9.12 | .01 |
| Nondurable goods | 40.2 | 40.2 | 0 | 10.63 | 10.65 | .02 |
| Food and kindred products | 40.0 | 40.0 | 0 | 10.13 | 10.14 | .01 |
| Tobacco products | 39.1 | 39.1 | 0 | 16.76 | 17.04 | .28 |
| Textile mill products | 40.8 | 40.8 | 0 | 8.51 | 8.51 | 0 |
| Apparel and other textile products | 37.2 | 37.2 | 0 | 6.87 | 6.88 | .01 |
| Paper and allied products | 43.2 | 43.2 | 0 | 12.95 | 12.93 | -.02 |
| Printing and publishing | 38.2 | 38.2 | 0 | 11.68 | 11.68 | 0 |
| Chemicals and allied products | 43.1 | 43.2 | .1 | 14.26 | 14.31 | .05 |
| Petroleum and coal products | 43.9 | 43.9 | 0 | 17.96 | 18.00 | .04 |
| Rubber and miscellaneous plastics products | 41.5 | 41.5 | 0 | 10.27 | 10.27 | 0 |
| Leather and leather products | 37.2 | 37.2 | 0 | 7.44 | 7.47 | .03 |

Table 4. Effect of March 1992 benchmark revisions on hours and earnings estimates, selected industries – Continued

| Industry | Average weekly hours | | | Average hourly earnings | | |
|---|----------------------|------------------|------------|-------------------------|------------------|------------|
| | Previous estimate | Revised estimate | Difference | Previous estimate | Revised estimate | Difference |
| Transportation and public utilities | 38.2 | 38.2 | 0 | 13.38 | 13.34 | -.04 |
| Wholesale trade | 38.2 | 38.2 | 0 | 11.34 | 11.33 | -.01 |
| Retail trade | 28.4 | 28.3 | -.1 | 7.11 | 7.08 | -.03 |
| Finance, insurance, and real estate | 36.2 | 36.2 | 0 | 10.80 | 10.78 | -.02 |
| Services | 32.5 | 32.5 | 0 | 10.53 | 10.54 | .01 |

Table 5. Effect of historical corrections on not seasonally adjusted and seasonally adjusted total nonfarm employment, April 1981-March 1991

(In thousands)

| Year and date | As previously published | As revised | Difference |
|-------------------------|-------------------------|------------|------------|
| Not seasonally adjusted | | | |
| 1981 April | 91,027 | 91,025 | -2 |
| 1982 March | 89,566 | 89,550 | -16 |
| 1983 March | 88,232 | 88,192 | -40 |
| 1984 March | 92,587 | 92,511 | -76 |
| 1985 March | 96,042 | 95,920 | -122 |
| 1986 March | 98,150 | 97,987 | -163 |
| 1987 March | 100,427 | 100,202 | -225 |
| 1988 March | 103,834 | 103,535 | -299 |
| 1989 March | 107,026 | 106,624 | -402 |
| 1990: | | | |
| March | 109,114 | 108,606 | -508 |
| April | 109,727 | 109,257 | -470 |
| May | 110,621 | 110,192 | -429 |
| June | 111,260 | 110,864 | -396 |
| July | 109,858 | 109,499 | -359 |
| August | 109,664 | 109,346 | -318 |
| September | 110,190 | 109,917 | -273 |
| October | 110,362 | 110,113 | -249 |
| November | 110,266 | 110,059 | -207 |
| December | 109,921 | 109,761 | -160 |
| 1991: | | | |
| January | 107,341 | 107,263 | -78 |
| February | 107,265 | 107,227 | -38 |
| March | 107,507 | 107,507 | 0 |
| Seasonally adjusted | | | |
| 1990: | | | |
| March | 109,997 | 109,497 | -500 |
| April | 109,969 | 109,485 | -484 |
| May | 110,241 | 109,783 | -458 |
| June | 110,304 | 109,905 | -399 |
| July | 110,078 | 109,701 | -377 |
| August | 109,877 | 109,534 | -343 |
| September | 109,737 | 109,470 | -267 |
| October | 109,548 | 109,296 | -252 |
| November | 109,284 | 109,106 | -178 |
| December | 109,101 | 108,977 | -124 |
| 1991: | | | |
| January | 108,845 | 108,808 | -37 |
| February | 108,557 | 108,517 | -40 |
| March | 108,344 | 108,364 | 20 |

Table 6. Employment benchmarks for industries not published monthly, March 1985-92

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|------------------|------------------|------------------|------------------|---------|---------|---------|---------|---------|
| Total | | 95,920 | 97,987 | 100,202 | 103,535 | 106,624 | 108,606 | 107,507 | 107,300 |
| Total private | | 79,324 | 81,041 | 82,948 | 85,881 | 88,613 | 90,038 | 88,790 | 88,347 |
| Goods-producing | | 24,454 | 24,170 | 24,005 | 24,522 | 24,753 | 24,636 | 23,390 | 22,724 |
| Mining | | 933 | 832 | 695 | 710 | 677 | 691 | 695 | 634 |
| Lead and zinc ores | 103 | 3.3 | 2.9 | 2.4 | 2.0 | 2.3 | 2.6 | 2.5 | 2.5 |
| Gold and silver ores | 104 | 9.8 | 10.4 | 12.1 | 16.2 | 19.5 | 21.0 | 19.7 | 19.6 |
| Other metal ores and mining services | 106,8,9 | 11.4 | 9.1 | 8.3 | 8.5 | 10.1 | 10.0 | 9.0 | 7.3 |
| Bituminous coal and lignite-surface | 1221 | (¹) | (¹) | (¹) | 59.7 | 57.3 | 56.7 | 53.3 | 50.7 |
| Bituminous coal-underground | 1222 | (¹) | (¹) | (¹) | 81.2 | 78.4 | 79.8 | 75.9 | 68.3 |
| Anthracite mining and coal mining services | 123,4 | (¹) | (¹) | (¹) | 10.9 | 9.5 | 9.4 | 9.1 | 8.5 |
| Natural gas liquids | 132 | 6.6 | 6.1 | 5.7 | 5.0 | 4.7 | 4.5 | 4.7 | 6.0 |
| Clay, ceramic, and refractory minerals | 145 | 8.6 | 8.4 | 7.9 | 8.3 | 8.3 | 8.5 | 7.4 | 7.5 |
| Dimension stone and other nonmetallic minerals | 141,8,9 | 9.5 | 10.0 | 10.8 | 11.1 | 9.9 | 10.6 | 10.2 | 9.1 |
| Construction | | 4,236 | 4,409 | 4,523 | 4,675 | 4,726 | 4,846 | 4,356 | 4,117 |
| Bridge, tunnel, and elevated highway | 1622 | (¹) | (¹) | (¹) | 43.9 | 43.7 | 45.4 | 41.4 | 42.5 |
| Water, sewer, and utility lines | 1623 | (¹) | (¹) | (¹) | 198.9 | 203.4 | 206.9 | 186.9 | 180.0 |
| Heavy construction, nec | 1629 | (¹) | (¹) | (¹) | 235.0 | 245.8 | 249.8 | 248.1 | 243.4 |
| Masonry and other stonework | 1741 | (¹) | (¹) | (¹) | 155.2 | 151.2 | 154.6 | 127.3 | 120.3 |
| Plastering, drywall, and insulation | 1742 | (¹) | (¹) | (¹) | 249.1 | 256.0 | 261.7 | 218.9 | 194.1 |
| Terrazzo, tile, marble, and mosaic work | 1743 | (¹) | (¹) | (¹) | 34.7 | 36.0 | 39.0 | 33.8 | 29.8 |
| Carpentry work | 1751 | (¹) | (¹) | (¹) | 131.4 | 147.9 | 151.7 | 118.7 | 119.4 |
| Floor laying and floor work, nec | 1752 | (¹) | (¹) | (¹) | 45.6 | 47.4 | 48.8 | 46.2 | 43.8 |
| Concrete work | 177 | (¹) | (¹) | (¹) | 176.9 | 190.0 | 195.9 | 161.6 | 161.2 |
| Water well drilling | 178 | 16.1 | 16.2 | 16.8 | 17.6 | 18.8 | 19.0 | 18.8 | 18.8 |
| Miscellaneous special trade contractors | 179 | 392.5 | 415.6 | 428.5 | 461.1 | 470.2 | 500.0 | 469.6 | 436.9 |
| Structural steel erection | 1791 | (¹) | (¹) | (¹) | 73.2 | 74.9 | 74.0 | 67.8 | 58.6 |
| Glass and glazing work | 1793 | (¹) | (¹) | (¹) | 39.9 | 39.3 | 39.9 | 36.1 | 32.0 |
| Excavation work | 1794 | (¹) | (¹) | (¹) | 109.6 | 104.7 | 108.4 | 94.1 | 90.2 |
| Wrecking, demolition, and other special trade contractors | 1795,6,9 | (¹) | (¹) | (¹) | 238.4 | 251.3 | 277.7 | 271.6 | 256.1 |
| Manufacturing | | 19,285 | 18,929 | 18,787 | 19,137 | 19,350 | 19,099 | 18,339 | 17,973 |
| Durable goods | | 11,530 | 11,243 | 11,064 | 11,254 | 11,424 | 11,185 | 10,580 | 10,247 |
| Lumber and wood products: | | | | | | | | | |
| Special product sawmills, nec | 2429 | 3.1 | 2.7 | 3.7 | 3.4 | 3.5 | 3.1 | 2.7 | 2.1 |
| Structural wood members, nec | 2439 | 19.0 | 22.5 | 26.2 | 26.4 | 27.6 | 27.3 | 20.6 | 22.3 |
| Nailed wood boxes and shook | 2441 | 5.5 | 5.4 | 5.8 | 5.5 | 4.9 | 4.4 | 4.2 | 3.8 |
| Wood pallets and skids | 2448 | 26.9 | 26.3 | 27.5 | 29.9 | 31.7 | 32.3 | 32.0 | 31.7 |
| Wood containers, nec | 2449 | 8.3 | 8.2 | 8.0 | 7.5 | 7.9 | 8.2 | 7.8 | 7.4 |
| Prefabricated wood buildings | 2452 | 18.5 | 19.6 | 21.9 | 22.4 | 21.6 | 18.4 | 16.0 | 14.7 |
| Wood preserving | 2491 | 13.0 | 12.5 | 12.6 | 12.7 | 12.8 | 12.6 | 11.9 | 11.1 |
| Reconstituted wood products | 2493 | (¹) | (¹) | (¹) | 15.8 | 17.1 | 18.0 | 16.5 | 17.4 |
| Wood products, nec | 2499 | 55.3 | 56.0 | 57.7 | 61.9 | 58.5 | 55.7 | 52.3 | 51.8 |
| Furniture and fixtures: | | | | | | | | | |
| Wood television and radio cabinets, and household furniture, nec | 2517,9 | 13.9 | 14.0 | 13.8 | 12.7 | 14.3 | 13.6 | 12.0 | 13.5 |
| Wood office furniture | 2521 | 31.9 | 31.3 | 32.1 | 35.2 | 35.3 | 34.8 | 30.3 | 27.2 |
| Office furniture, except wood | 2522 | (¹) | (¹) | (¹) | 35.4 | 36.2 | 34.3 | 32.1 | 33.6 |
| Wood partitions and fixtures | 2541 | 36.6 | 38.7 | 39.7 | 43.2 | 43.0 | 42.4 | 40.3 | 39.7 |
| Partitions and fixtures, except wood | 2542 | (¹) | (¹) | (¹) | 34.0 | 35.3 | 35.4 | 33.0 | 32.3 |
| Drapery hardware and blinds and shades | 2591 | 20.5 | 22.3 | 21.6 | 22.0 | 21.9 | 22.3 | 19.7 | 19.9 |
| Furniture and fixtures, nec | 2599 | (¹) | (¹) | (¹) | 12.6 | 13.9 | 15.0 | 14.0 | 14.6 |
| Stone, clay, and glass products: | | | | | | | | | |
| Brick and structural clay tile | 3251 | 16.5 | 17.1 | 17.3 | 17.3 | 16.7 | 15.8 | 13.9 | 13.3 |
| Clay refractories | 3255 | 7.4 | 7.0 | 6.4 | 7.5 | 7.7 | 7.0 | 6.4 | 5.8 |
| Ceramic tile and structural clay products, nec | 3253,9 | 12.4 | 12.3 | 13.0 | 13.4 | 13.5 | 13.3 | 11.7 | 10.8 |
| Vitreous plumbing fixtures | 3261 | 9.5 | 10.3 | 9.8 | 9.6 | 9.5 | 9.1 | 8.6 | 8.9 |
| Vitreous and semivitreous table and kitchenware | 3262,3 | 6.7 | 7.1 | 7.1 | 5.8 | 5.8 | 5.5 | 4.9 | 5.4 |
| Porcelain electrical supplies | 3264 | 12.2 | 10.6 | 10.6 | 11.2 | 11.5 | 11.1 | 10.7 | 10.1 |
| Pottery products, nec | 3269 | 10.7 | 10.3 | 10.7 | 12.1 | 13.2 | 13.5 | 12.5 | 13.2 |
| Lime | 3274 | 5.4 | 5.3 | 5.5 | 5.4 | 5.2 | 5.3 | 5.0 | 5.0 |
| Gypsum products | 3275 | 14.3 | 14.2 | 13.8 | 14.4 | 14.2 | 13.5 | 12.0 | 11.6 |
| Cut stone and stone products | 328 | 12.0 | 12.4 | 12.6 | 13.2 | 13.8 | 15.0 | 14.0 | 13.6 |
| Minerals, ground or treated | 3295 | 13.5 | 12.5 | 12.0 | 12.2 | 12.8 | 13.0 | 13.4 | 12.7 |
| Nonclay refractories | 3297 | 8.2 | 8.1 | 7.1 | 7.8 | 8.4 | 8.1 | 8.1 | 8.9 |
| Nonmetallic mineral products, nec | 3299 | 7.1 | 7.1 | 7.1 | 7.7 | 8.0 | 8.9 | 8.6 | 7.4 |

See footnotes at end of table.

Table 6. Employment benchmarks for industries not published monthly, March 1985-92—Continued

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|------------------|------------------|------------------|------------------|-------|-------|-------|-------|-------|
| Durable goods-Continued | | | | | | | | | |
| Primary metal industries: | | | | | | | | | |
| Electrometallurgical products | 3313 | 9.6 | 9.0 | 7.6 | 7.9 | 6.1 | 6.1 | 6.0 | 6.3 |
| Steel wire and related products | 3315 | 18.6 | 18.7 | 19.0 | 19.2 | 19.5 | 18.4 | 16.9 | 16.4 |
| Cold finishing of steel shapes | 3316 | 15.8 | 15.6 | 15.6 | 16.6 | 19.0 | 17.6 | 16.9 | 15.6 |
| Steel investment foundries | 3324 | 13.3 | 13.1 | 13.6 | 14.6 | 15.1 | 15.8 | 16.2 | 15.6 |
| Primary copper | 3331 | 7.0 | 5.4 | 5.5 | 5.3 | 5.5 | 5.5 | 5.3 | 5.7 |
| Primary nonferrous metals, nec | 3339 | 15.3 | 13.1 | 12.3 | 12.5 | 14.3 | 14.5 | 14.5 | 12.9 |
| Secondary nonferrous metals | 334 | 19.7 | 18.1 | 16.8 | 17.8 | 18.4 | 18.8 | 18.5 | 15.5 |
| Aluminum extruded products | 3354 | 33.0 | 32.6 | 33.6 | 33.4 | 31.6 | 30.0 | 28.0 | 26.8 |
| Aluminum and nonferrous rolling and drawing, nec | 3355,6 | 19.8 | 19.5 | 18.6 | 18.0 | 18.5 | 18.2 | 18.1 | 19.0 |
| Aluminum die-castings | 3363 | (¹) | (¹) | (¹) | 23.8 | 29.2 | 27.6 | 26.2 | 28.9 |
| Nonferrous die-castings, except aluminum | 3364 | (¹) | (¹) | (¹) | 13.6 | 13.0 | 13.0 | 11.5 | 10.5 |
| Copper foundries | 3366 | (¹) | (¹) | (¹) | 11.0 | 11.3 | 10.7 | 10.0 | 9.3 |
| Nonferrous foundries, nec | 3369 | (¹) | (¹) | (¹) | 8.7 | 9.2 | 9.0 | 8.2 | 7.0 |
| Miscellaneous primary metal products | 339 | 25.4 | 24.9 | 24.9 | 26.7 | 27.7 | 27.2 | 26.2 | 25.9 |
| Metal heat treating | 3398 | 14.1 | 13.8 | 14.0 | 14.8 | 15.7 | 15.3 | 15.2 | 14.9 |
| Primary metal products, nec | 3399 | 11.3 | 11.1 | 10.9 | 11.9 | 12.0 | 11.9 | 11.0 | 11.0 |
| Fabricated metal products: | | | | | | | | | |
| Metal barrels, drums, and pails | 3412 | 11.8 | 11.0 | 10.4 | 10.3 | 10.2 | 9.5 | 9.4 | 8.8 |
| Cutlery | 3421 | 12.7 | 12.1 | 11.1 | 11.0 | 11.4 | 12.1 | 11.8 | 11.6 |
| Metal sanitary ware | 3431 | 10.6 | 11.2 | 10.8 | 13.2 | 13.6 | 13.5 | 12.6 | 13.0 |
| Prefabricated metal buildings | 3448 | 24.9 | 24.8 | 23.8 | 24.9 | 25.8 | 25.5 | 22.4 | 20.9 |
| Miscellaneous metal work | 3449 | (¹) | (¹) | (¹) | 17.4 | 15.4 | 14.7 | 13.2 | 12.3 |
| Nonferrous forgings, crowns, and closures | 3463,6 | 10.9 | 11.1 | 10.9 | 12.7 | 12.7 | 12.1 | 11.1 | 11.9 |
| Small arms, small arms ammunition, and other ordnance and accessories, nec | 3482,4,9 | 36.6 | 32.7 | 32.9 | 33.6 | 31.6 | 30.3 | 26.6 | 25.0 |
| Industrial valves | 3491 | (¹) | (¹) | (¹) | 25.4 | 26.9 | 27.8 | 26.8 | 26.6 |
| Fluid power valves and hose fittings | 3492 | (¹) | (¹) | (¹) | 26.5 | 29.3 | 28.5 | 27.6 | 27.5 |
| Steel springs, except wire | 3493 | 6.6 | 5.9 | 5.9 | 6.3 | 6.2 | 6.0 | 5.6 | 4.8 |
| Wire springs | 3495 | 14.7 | 13.5 | 13.2 | 13.5 | 13.7 | 13.1 | 12.1 | 13.0 |
| Fabricated pipe and fittings | 3498 | 22.5 | 21.2 | 19.0 | 23.5 | 24.2 | 24.1 | 24.5 | 25.2 |
| Metal foil and leaf, and fabricated metal products, nec | 3497,9 | 45.4 | 45.1 | 43.5 | 48.8 | 54.8 | 55.5 | 54.5 | 50.2 |
| Industrial machinery and equipment: | | | | | | | | | |
| Lawn and garden equipment | 3524 | 25.1 | 25.9 | 27.3 | 30.9 | 28.7 | 30.6 | 26.7 | 27.1 |
| Elevators and moving stairways | 3534 | 11.5 | 11.1 | 11.9 | 12.8 | 11.8 | 11.5 | 10.3 | 9.3 |
| Hoists, cranes, and monorails | 3536 | (¹) | (¹) | (¹) | 8.5 | 8.2 | 8.4 | 9.0 | 7.7 |
| Industrial patterns | 3543 | 8.0 | 9.1 | 8.6 | 9.8 | 9.0 | 9.0 | 8.7 | 8.2 |
| Welding apparatus | 3548 | (¹) | (¹) | (¹) | 16.9 | 19.0 | 18.7 | 18.4 | 18.5 |
| Rolling mill and metalworking machinery, nec | 3547,9 | (¹) | (¹) | (¹) | 9.9 | 12.5 | 12.7 | 12.4 | 12.7 |
| Woodworking machinery | 3553 | 10.2 | 9.2 | 10.3 | 11.1 | 10.6 | 9.8 | 8.4 | 8.0 |
| Paper industries machinery | 3554 | 16.9 | 16.5 | 15.9 | 17.6 | 18.5 | 19.7 | 18.9 | 19.6 |
| Special industry machinery, nec | 3559 | 60.5 | 56.5 | 53.7 | 60.3 | 64.0 | 62.3 | 60.8 | 60.0 |
| Packaging machinery | 3565 | (¹) | (¹) | (¹) | 19.7 | 21.3 | 21.8 | 21.5 | 19.0 |
| Industrial furnaces and ovens | 3567 | 18.4 | 17.9 | 17.6 | 17.0 | 18.3 | 18.5 | 17.2 | 15.9 |
| General industrial machinery, nec | 3569 | (¹) | (¹) | (¹) | 36.7 | 39.9 | 39.8 | 39.6 | 40.0 |
| Computer storage devices | 3572 | (¹) | (¹) | (¹) | 29.2 | 36.2 | 35.0 | 38.2 | 35.6 |
| Computer peripheral equipment, nec | 3577 | (¹) | (¹) | (¹) | 59.3 | 61.6 | 58.0 | 58.7 | 55.3 |
| Automatic vending machines | 3581 | 9.0 | 8.5 | 7.8 | 8.8 | 8.0 | 7.5 | 7.3 | 6.8 |
| Commercial laundry equipment | 3582 | 4.8 | 5.6 | 6.0 | 6.2 | 5.7 | 5.8 | 5.7 | 5.3 |
| Measuring and dispensing pumps, and service industry machinery, nec | 3586,9 | 36.3 | 36.1 | 36.9 | 40.8 | 43.2 | 43.2 | 41.6 | 41.9 |
| Fluid power cylinders and actuators | 3593 | (¹) | (¹) | (¹) | 19.4 | 19.3 | 19.4 | 18.4 | 16.4 |
| Fluid power pumps and motors | 3594 | (¹) | (¹) | (¹) | 30.1 | 31.2 | 29.3 | 28.7 | 27.4 |
| Electronic and other electrical equipment: | | | | | | | | | |
| Carbon and graphite products | 3624 | 11.5 | 10.2 | 9.9 | 10.1 | 11.2 | 10.9 | 10.2 | 9.4 |
| Electrical industrial apparatus, nec | 3629 | 11.1 | 11.1 | 10.5 | 9.9 | 9.1 | 9.1 | 9.3 | 9.6 |
| Household cooking equipment | 3631 | 22.9 | 21.6 | 21.9 | 21.6 | 21.6 | 20.6 | 18.0 | 17.6 |
| Household vacuum cleaners and appliances, nec | 3635,9 | 27.5 | 26.3 | 26.7 | 25.5 | 25.7 | 25.0 | 21.6 | 25.6 |
| Commercial lighting fixtures | 3646 | 19.2 | 19.9 | 19.6 | 20.5 | 21.6 | 22.9 | 22.2 | 22.0 |
| Vehicular lighting equipment | 3647 | 15.6 | 17.1 | 18.1 | 17.9 | 19.8 | 18.5 | 17.5 | 17.5 |
| Lighting equipment, nec | 3648 | 8.4 | 9.3 | 9.9 | 10.4 | 11.3 | 10.6 | 10.0 | 9.4 |
| Prerecorded records and tapes | 3652 | 17.7 | 17.4 | 20.6 | 21.6 | 21.6 | 21.0 | 23.2 | 21.6 |
| Radio and television communications equipment | 3663 | (¹) | (¹) | (¹) | 114.7 | 107.3 | 112.9 | 111.0 | 106.0 |

See footnotes at end of table.

Table 6. Employment benchmarks for industries not published monthly, March 1985-92—Continued

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|------------------|------------------|------------------|------------------|--------------|--------------|--------------|--------------|--------------|
| Durable goods-Continued | | | | | | | | | |
| Electronic and other electrical equipment-Continued | | | | | | | | | |
| Communications equipment, nec | 3669 | (¹) | (¹) | (¹) | 22.5 | 22.9 | 24.1 | 24.4 | 23.2 |
| Printed circuit boards | 3672 | (¹) | (¹) | (¹) | 79.7 | 102.8 | 101.7 | 99.2 | 92.2 |
| Electronic capacitors | 3675 | 30.1 | 25.2 | 24.6 | 24.2 | 26.3 | 22.0 | 20.2 | 18.4 |
| Electronic resistors | 3676 | 12.3 | 11.8 | 11.2 | 13.3 | 12.6 | 12.6 | 11.5 | 11.0 |
| Electronic coils and transformers | 3677 | 24.1 | 21.4 | 21.7 | 23.2 | 21.6 | 19.1 | 17.9 | 17.1 |
| Electronic connectors | 3678 | 12.0 | 11.9 | 12.9 | 14.5 | 14.9 | 15.5 | 15.9 | 16.2 |
| Primary batteries, dry and wet | 3692 | 14.3 | 13.4 | 12.3 | 13.4 | 11.2 | 10.7 | 10.8 | 12.1 |
| Magnetic and optical recording media, and electrical equipment and supplies, nec | 3695,9 | (¹) | (¹) | (¹) | 58.8 | 58.4 | 56.3 | 55.9 | 49.7 |
| Transportation equipment: | | | | | | | | | |
| Motor homes | 3716 | 15.6 | 16.2 | 17.5 | 19.2 | 22.5 | 17.8 | 14.2 | 17.2 |
| Motorcycles, bicycles, and parts | 375 | 13.5 | 12.4 | 11.9 | 12.5 | 13.8 | 13.2 | 14.7 | 15.8 |
| Space propulsion units and parts, and space vehicle equipment, nec | 3764,9 | 37.4 | 47.8 | 49.0 | 57.1 | 58.2 | 54.0 | 49.5 | 42.4 |
| Tanks and tank components | 3795 | 20.0 | 20.0 | 19.5 | 15.6 | 16.2 | 15.1 | 14.3 | 12.8 |
| Transportation equipment, nec | 3799 | 12.2 | 11.2 | 13.0 | 14.2 | 14.6 | 14.0 | 12.6 | 14.9 |
| Instruments and related products: | | | | | | | | | |
| Laboratory apparatus and furniture | 3821 | (¹) | (¹) | (¹) | 9.2 | 8.0 | 8.8 | 8.8 | 9.6 |
| Fluid meters and counting devices | 3824 | 15.0 | 14.2 | 11.7 | 11.6 | 11.3 | 12.1 | 12.0 | 12.4 |
| Analytical instruments | 3826 | (¹) | (¹) | (¹) | 25.9 | 29.6 | 30.5 | 28.6 | 28.5 |
| Optical instruments and lenses | 3827 | (¹) | (¹) | (¹) | 17.9 | 19.4 | 20.2 | 19.4 | 18.8 |
| Measuring and controlling devices, nec | 3829 | (¹) | (¹) | (¹) | 45.7 | 46.0 | 45.3 | 45.7 | 42.6 |
| Dental equipment and supplies | 3843 | 14.1 | 14.3 | 13.6 | 14.0 | 12.9 | 13.0 | 13.0 | 12.8 |
| X-ray apparatus and tubes | 3844 | (¹) | (¹) | (¹) | 10.3 | 10.9 | 10.4 | 11.4 | 10.7 |
| Electromedical equipment | 3845 | (¹) | (¹) | (¹) | 21.3 | 27.0 | 28.4 | 31.8 | 37.6 |
| Miscellaneous manufacturing industries: | | | | | | | | | |
| Silverware and plated ware | 3914 | 9.0 | 8.2 | 7.4 | 7.7 | 7.4 | 6.7 | 6.5 | 6.3 |
| Jewelers' materials and lapidary work | 3915 | 8.4 | 8.2 | 8.1 | 7.8 | 7.3 | 7.1 | 6.6 | 6.8 |
| Pens and mechanical pencils | 3951 | 9.0 | 8.9 | 9.0 | 8.8 | 9.7 | 9.2 | 8.7 | 8.0 |
| Lead pencils and art goods | 3952 | 7.2 | 7.0 | 6.7 | 7.2 | 7.5 | 7.3 | 7.2 | 7.7 |
| Marking devices, carbon paper, and inked ribbons | 3953,5 | 16.2 | 17.0 | 16.8 | 18.1 | 18.5 | 17.7 | 17.3 | 17.2 |
| Fasteners, buttons, needles, and pins | 3965 | (¹) | (¹) | (¹) | 12.9 | 12.5 | 12.1 | 11.8 | 11.9 |
| Brooms and brushes | 3991 | 13.5 | 13.2 | 12.4 | 13.5 | 13.2 | 13.5 | 13.2 | 13.3 |
| Burial caskets | 3995 | 9.8 | 9.5 | 9.6 | 9.3 | 9.3 | 9.0 | 9.0 | 8.9 |
| Hard surface floor coverings and manufacturing industries, nec | 3996,9 | (¹) | (¹) | (¹) | 60.8 | 60.9 | 58.9 | 57.7 | 54.6 |
| Nondurable goods | | 7,755 | 7,686 | 7,723 | 7,883 | 7,926 | 7,914 | 7,759 | 7,726 |
| Food and kindred products: | | | | | | | | | |
| Creamery butter | 2021 | 2.0 | 2.0 | 2.4 | 2.3 | 2.0 | 2.1 | 2.0 | 1.9 |
| Dry, condensed, and evaporated products | 2023 | 15.0 | 15.1 | 15.6 | 15.4 | 15.8 | 15.7 | 17.1 | 17.3 |
| Ice cream and frozen desserts | 2024 | 18.6 | 20.5 | 21.1 | 21.3 | 21.4 | 21.1 | 21.5 | 21.4 |
| Dehydrated fruits, vegetables, and soups | 2034 | 15.4 | 15.6 | 15.7 | 15.3 | 15.1 | 17.9 | 17.1 | 15.0 |
| Pickles, sauces, and salad dressings | 2035 | 18.7 | 19.4 | 19.7 | 20.7 | 20.7 | 19.3 | 20.1 | 21.1 |
| Frozen specialties, nec | 2038 | (¹) | (¹) | (¹) | 41.0 | 41.6 | 42.5 | 44.5 | 48.8 |
| Cereal breakfast foods | 2043 | 17.9 | 17.8 | 19.0 | 19.2 | 20.2 | 19.9 | 18.9 | 18.4 |
| Rice milling | 2044 | 5.1 | 4.9 | 5.4 | 5.4 | 5.4 | 5.6 | 5.5 | 4.8 |
| Prepared flour mixes and doughs | 2045 | 7.1 | 7.7 | 9.1 | 9.5 | 8.9 | 9.4 | 11.0 | 11.5 |
| Wet corn milling | 2046 | 10.1 | 9.0 | 8.7 | 9.1 | 9.2 | 9.1 | 9.6 | 10.0 |
| Dog and cat food | 2047 | (¹) | (¹) | (¹) | 12.6 | 15.2 | 16.0 | 16.3 | 16.9 |
| Chocolate and cocoa products and chewing gum | 2066,7 | 19.5 | 19.1 | 19.4 | 21.2 | 21.7 | 20.2 | 21.4 | 19.3 |
| Salted and roasted nuts and seeds | 2068 | (¹) | (¹) | (¹) | 7.2 | 6.2 | 6.9 | 7.7 | 9.5 |
| Cottonseed, soybean, and vegetable oil mills | 2074,5,6 | 15.9 | 15.6 | 14.5 | 13.0 | 12.7 | 13.0 | 13.2 | 13.3 |
| Animal and marine fats and oils | 2077 | 8.7 | 8.2 | 8.1 | 8.0 | 8.1 | 8.2 | 7.6 | 7.5 |
| Edible fats and oils, nec | 2079 | 11.3 | 11.0 | 11.1 | 11.3 | 10.3 | 10.1 | 9.9 | 10.2 |
| Wines, brandy, and brandy spirits | 2084 | 14.2 | 14.7 | 14.6 | 15.2 | 15.5 | 15.1 | 16.0 | 16.1 |
| Distilled and blended liquors | 2085 | 13.4 | 12.3 | 11.8 | 11.0 | 9.8 | 8.5 | 9.2 | 8.5 |
| Malt and flavoring extracts and syrups, nec | 2083,7 | 16.6 | 16.1 | 16.1 | 17.1 | 17.6 | 18.0 | 17.5 | 17.5 |
| Canned and cured fish and seafoods | 2091 | 9.4 | 10.2 | 9.9 | 11.4 | 9.9 | 9.4 | 9.4 | 8.5 |
| Fresh or frozen packaged fish | 2092 | 33.0 | 35.4 | 35.6 | 38.5 | 41.3 | 42.2 | 43.3 | 45.4 |
| Roasted coffee | 2095 | 12.3 | 12.3 | 12.4 | 12.4 | 11.7 | 11.9 | 11.6 | 11.6 |
| Potato chips and similar snacks | 2096 | (¹) | (¹) | (¹) | 32.1 | 33.4 | 34.5 | 35.3 | 35.5 |
| Manufactured ice | 2097 | 5.0 | 5.7 | 5.2 | 5.1 | 5.1 | 5.2 | 5.5 | 5.4 |
| Macaroni and spaghetti | 2098 | 8.2 | 8.3 | 8.7 | 8.8 | 7.9 | 8.6 | 8.5 | 8.2 |
| Food preparations, nec | 2099 | (¹) | (¹) | (¹) | 53.1 | 56.5 | 61.6 | 62.7 | 62.1 |
| Tobacco products: | | | | | | | | | |
| Cigars | 212 | 5.4 | 4.6 | 3.6 | 3.6 | 3.2 | 2.8 | 2.7 | 2.4 |
| Other tobacco products | 213,4 | 12.9 | 11.9 | 10.0 | 10.0 | 9.9 | 10.1 | 9.7 | 10.5 |

See footnotes at end of table.

Table 6. Employment benchmarks for industries not published monthly, March 1985-92—Continued

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|------------------|------------------|------------------|------------------|------|------|------|------|------|
| Nondurable goods—Continued | | | | | | | | | |
| Textile mill products: | | | | | | | | | |
| Lace and warp knit fabric mills, and knitting mills, nec | 2258,9 | (¹) | (¹) | (¹) | 21.9 | 19.8 | 20.4 | 21.0 | 21.3 |
| Finishing plants, nec | 2269 | 14.2 | 14.2 | 13.7 | 13.9 | 12.9 | 13.0 | 12.4 | 13.8 |
| Thread mills | 2284 | (¹) | (¹) | (¹) | 7.5 | 6.9 | 7.3 | 6.9 | 6.7 |
| Coated fabrics, not rubberized | 2295 | 11.0 | 10.1 | 9.4 | 10.4 | 9.4 | 9.7 | 8.8 | 8.9 |
| Tire cord and fabrics | 2296 | 6.5 | 5.6 | 5.5 | 5.4 | 6.3 | 6.3 | 6.0 | 6.4 |
| Cordage and twine | 2298 | 8.1 | 7.5 | 7.6 | 8.4 | 7.8 | 7.3 | 7.5 | 7.0 |
| Nonwoven fabrics and other textile goods, nec | 2297,9 | (¹) | (¹) | (¹) | 28.5 | 28.8 | 28.4 | 28.1 | 28.6 |
| Apparel and other textile products: | | | | | | | | | |
| Men's and boys' underwear and nightwear | 2322 | (¹) | (¹) | (¹) | 26.5 | 21.9 | 25.0 | 24.8 | 24.4 |
| Men's and boys' neckwear | 2323 | 6.9 | 7.3 | 7.8 | 8.1 | 7.7 | 6.9 | 6.3 | 7.3 |
| Men's and boys' clothing, nec | 2329 | 52.3 | 49.6 | 48.3 | 53.4 | 54.0 | 54.8 | 49.4 | 52.9 |
| Hats, caps, and millinery | 235 | 16.4 | 15.6 | 14.5 | 14.6 | 15.0 | 16.2 | 15.6 | 18.2 |
| Girls' and children's outerwear, nec | 2369 | 35.0 | 34.4 | 33.9 | 36.1 | 35.5 | 34.0 | 29.1 | 29.4 |
| Fur goods | 237 | 2.9 | 2.7 | 2.7 | 2.4 | 2.3 | 1.7 | 1.2 | .9 |
| Fabric dress and work gloves | 2381 | 9.4 | 8.6 | 7.2 | 7.3 | 6.7 | 6.9 | 6.0 | 5.5 |
| Robes and dressing gowns | 2384 | 8.0 | 7.7 | 7.2 | 7.2 | 7.5 | 6.0 | 4.9 | 4.8 |
| Waterproof outerwear | 2385 | 8.0 | 6.8 | 6.2 | 6.2 | 6.5 | 5.7 | 6.6 | 6.2 |
| Leather and sheep-lined clothing | 2386 | 3.1 | 2.3 | 2.8 | 3.4 | 3.6 | 3.8 | 2.7 | 2.5 |
| Apparel belts | 2387 | 9.4 | 8.7 | 10.5 | 10.3 | 10.5 | 9.8 | 8.4 | 8.1 |
| Apparel and accessories, nec | 2389 | 6.6 | 6.6 | 7.3 | 7.5 | 9.4 | 12.1 | 14.3 | 14.4 |
| Textile bags | 2393 | 8.0 | 7.6 | 7.7 | 9.0 | 8.9 | 9.2 | 9.6 | 10.0 |
| Canvas and related products | 2394 | 16.9 | 16.4 | 17.3 | 18.2 | 17.7 | 17.7 | 16.5 | 16.7 |
| Pleating and stitching | 2395 | 13.5 | 14.3 | 14.8 | 14.9 | 15.1 | 14.5 | 14.9 | 15.8 |
| Other fabricated textile products | 2397,9 | 30.0 | 31.3 | 33.4 | 34.7 | 35.6 | 36.6 | 32.4 | 31.7 |
| Paper and allied products: | | | | | | | | | |
| Pulp mills | 261 | (¹) | (¹) | (¹) | 14.5 | 16.4 | 13.8 | 14.3 | 13.9 |
| Setup paperboard boxes | 2652 | 10.4 | 10.1 | 9.2 | 9.1 | 8.7 | 8.2 | 8.1 | 7.3 |
| Fiber cans, drums, and similar products | 2655 | 16.6 | 15.8 | 15.4 | 16.3 | 16.7 | 16.6 | 15.9 | 15.0 |
| Paper, coated and laminated, packaging | 2671 | (¹) | (¹) | (¹) | 17.5 | 19.9 | 21.4 | 21.2 | 21.4 |
| Bags: uncoated paper and multiwall | 2674 | (¹) | (¹) | (¹) | 19.2 | 21.3 | 21.0 | 19.1 | 19.6 |
| Die-cut paper and board | 2675 | 18.4 | 15.7 | 16.1 | 17.6 | 18.1 | 17.6 | 16.8 | 18.0 |
| Sanitary paper products | 2676 | 30.0 | 31.3 | 30.5 | 30.6 | 31.4 | 31.9 | 30.8 | 32.4 |
| Stationery and converted paper products, nec | 2678,9 | (¹) | (¹) | (¹) | 48.7 | 44.8 | 43.5 | 42.2 | 41.1 |
| Printing and publishing: | | | | | | | | | |
| Commercial printing, gravure | 2754 | (¹) | (¹) | (¹) | 13.9 | 15.5 | 17.4 | 18.1 | 18.9 |
| Greeting cards | 277 | 24.0 | 22.3 | 23.4 | 23.4 | 23.4 | 24.0 | 27.0 | 26.0 |
| Blankbooks and looseleaf binders | 2782 | 43.1 | 44.3 | 44.6 | 46.8 | 46.9 | 44.4 | 43.0 | 41.3 |
| Bookbinding and related work | 2789 | 27.9 | 27.3 | 27.3 | 28.0 | 27.7 | 27.5 | 26.9 | 27.0 |
| Typesetting | 2791 | 32.8 | 33.1 | 33.8 | 35.5 | 34.4 | 32.6 | 29.8 | 25.2 |
| Platemaking services | 2796 | (¹) | (¹) | (¹) | 25.7 | 29.7 | 31.2 | 32.0 | 33.4 |
| Chemicals and allied products: | | | | | | | | | |
| Alkalies and chlorine | 2812 | 15.3 | 12.4 | 10.8 | 10.4 | 10.7 | 12.3 | 12.6 | 12.9 |
| Industrial gases | 2813 | 23.2 | 23.5 | 21.3 | 21.2 | 22.0 | 23.7 | 23.6 | 24.6 |
| Inorganic pigments | 2816 | 10.3 | 10.6 | 10.6 | 10.6 | 10.3 | 10.4 | 10.1 | 10.6 |
| Synthetic rubber | 2822 | 13.4 | 13.3 | 13.3 | 15.3 | 15.3 | 15.4 | 15.3 | 16.0 |
| Cellulosic synthetic fibers | 2823 | 18.0 | 16.3 | 13.6 | 13.0 | 13.8 | 14.4 | 13.1 | 11.4 |
| Medicinals and botanicals | 2833 | 17.8 | 18.2 | 17.2 | 18.4 | 17.7 | 17.9 | 18.3 | 18.7 |
| Diagnostic and other biological products | 2835,6 | 22.3 | 23.2 | 26.2 | 20.6 | 21.1 | 21.1 | 22.3 | 26.5 |
| Gum and wood chemicals | 2861 | (¹) | (¹) | (¹) | 5.0 | 4.9 | 4.3 | 4.8 | 3.5 |
| Nitrogenous fertilizers | 2873 | 12.7 | 11.7 | 10.5 | 9.7 | 10.1 | 10.1 | 10.6 | 10.6 |
| Phosphatic fertilizers | 2874 | 13.6 | 11.9 | 10.7 | 10.9 | 11.5 | 10.8 | 10.3 | 12.1 |
| Fertilizers, mixing only | 2875 | 12.9 | 11.8 | 11.5 | 11.0 | 10.2 | 10.3 | 10.4 | 9.9 |
| Agricultural chemicals, nec | 2879 | 22.5 | 21.2 | 19.4 | 22.0 | 21.3 | 25.4 | 25.3 | 27.0 |
| Adhesives and sealants | 2891 | 22.2 | 22.2 | 22.1 | 24.1 | 23.7 | 24.5 | 23.6 | 23.0 |
| Explosives | 2892 | 16.3 | 16.9 | 16.7 | 15.9 | 15.2 | 15.0 | 14.4 | 12.9 |
| Printing ink | 2893 | 12.0 | 11.6 | 13.0 | 13.7 | 14.7 | 15.2 | 16.2 | 15.7 |
| Other chemical preparations | 2895,9 | 44.0 | 42.2 | 41.9 | 46.2 | 45.5 | 44.2 | 44.5 | 41.9 |
| Petroleum and coal products: | | | | | | | | | |
| Asphalt paving mixtures and blocks | 2951 | 9.9 | 10.4 | 10.6 | 10.7 | 10.3 | 11.0 | 10.9 | 11.1 |
| Asphalt felts and coatings | 2952 | 14.1 | 14.0 | 13.7 | 14.0 | 13.7 | 13.4 | 12.7 | 12.6 |
| Miscellaneous petroleum and coal products | 299 | 11.4 | 11.6 | 12.0 | 12.2 | 11.7 | 12.5 | 12.3 | 12.3 |

See footnotes at end of table.

Table 6. Employment benchmarks for industries not published monthly, March 1985-92—Continued

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|------------------|------------------|------------------|------------------|---------------|---------------|---------------|---------------|---------------|
| Nondurable goods-Continued | | | | | | | | | |
| Rubber and miscellaneous plastics products: | | | | | | | | | |
| Gaskets, packing and sealing devices | 3053 | 27.7 | 28.6 | 28.0 | 31.5 | 33.8 | 34.7 | 33.9 | 35.1 |
| Mechanical rubber goods | 3061 | (¹) | (¹) | (¹) | 50.1 | 50.5 | 46.9 | 44.2 | 44.6 |
| Fabricated rubber products, nec | 3069 | (¹) | (¹) | (¹) | 54.1 | 61.1 | 57.7 | 55.6 | 56.6 |
| Unsupported plastics film and sheet | 3081 | (¹) | (¹) | (¹) | 52.3 | 53.2 | 54.4 | 55.2 | 55.9 |
| Unsupported plastics profile shapes | 3082 | (¹) | (¹) | (¹) | 28.4 | 29.4 | 27.9 | 25.4 | 23.7 |
| Laminated plastics plate and sheet | 3083 | (¹) | (¹) | (¹) | 19.9 | 21.4 | 20.0 | 20.2 | 20.2 |
| Plastics pipe | 3084 | (¹) | (¹) | (¹) | 14.6 | 15.4 | 16.1 | 14.7 | 13.9 |
| Plastics bottles | 3085 | (¹) | (¹) | (¹) | 28.4 | 29.8 | 30.4 | 29.7 | 30.2 |
| Plastics foam products | 3086 | (¹) | (¹) | (¹) | 50.2 | 51.3 | 52.0 | 48.4 | 49.5 |
| Custom compound purchased resins | 3087 | (¹) | (¹) | (¹) | 27.1 | 25.0 | 25.3 | 23.3 | 22.3 |
| Plastics plumbing fixtures and plastic products, nec | 3088,9 | (¹) | (¹) | (¹) | 375.4 | 397.2 | 399.3 | 385.4 | 397.6 |
| Leather and leather products: | | | | | | | | | |
| Footwear cut stock | 313 | 6.9 | 6.3 | 5.8 | 6.6 | 6.4 | 6.3 | 5.4 | 4.8 |
| House slippers | 3142 | 5.9 | 5.1 | 3.9 | 4.6 | 4.8 | 4.2 | 3.7 | 3.2 |
| Footwear, except rubber, nec | 3149 | 15.0 | 13.9 | 12.0 | 12.7 | 10.9 | 10.1 | 9.6 | 8.1 |
| Leather gloves and mittens | 315 | 3.3 | 3.2 | 3.1 | 2.9 | 2.7 | 2.5 | 2.5 | 2.5 |
| Women's handbags and purses | 3171 | 11.7 | 10.4 | 8.5 | 8.4 | 6.9 | 6.0 | 4.9 | 4.7 |
| Personal leather goods, nec | 3172 | 9.6 | 9.2 | 8.3 | 9.0 | 8.8 | 9.1 | 8.4 | 7.4 |
| Leather goods, nec | 319 | 8.1 | 7.9 | 8.4 | 8.9 | 9.0 | 10.2 | 9.6 | 9.7 |
| Service-producing | | 71,466 | 73,817 | 76,197 | 79,013 | 81,871 | 83,970 | 84,117 | 84,576 |
| Transportation and public utilities | | 5,150 | 5,193 | 5,263 | 5,426 | 5,530 | 5,713 | 5,707 | 5,655 |
| Transportation: | | | | | | | | | |
| Other railroads and switching and terminal services | 4013 | 36.3 | 36.1 | 37.1 | 38.4 | 38.7 | 38.8 | 32.2 | 32.1 |
| Bus charter service, and bus terminal and service facilities | 414,7 | 21.9 | 20.8 | 21.1 | 24.8 | 26.5 | 27.2 | 27.4 | 27.7 |
| General warehousing and storage | 4225 | (¹) | (¹) | (¹) | 61.5 | 63.2 | 64.5 | 66.5 | 70.2 |
| Warehousing and storage, nec | 4221,2,6 | (¹) | (¹) | (¹) | 47.4 | 48.4 | 49.3 | 49.5 | 49.2 |
| Trucking terminal facilities | 423 | 5.6 | 5.2 | 5.2 | 4.5 | 3.7 | 4.0 | 3.9 | 3.5 |
| Deep sea and Great Lakes freight transportation | 441,2,3 | (¹) | (¹) | (¹) | 32.0 | 30.8 | 31.6 | 32.4 | 34.2 |
| Water transportation of passengers | 448 | (¹) | (¹) | (¹) | 12.1 | 12.1 | 14.3 | 15.0 | 15.5 |
| Marine cargo handling | 4491 | (¹) | (¹) | (¹) | 55.5 | 58.2 | 53.8 | 57.6 | 56.8 |
| Marinas | 4493 | (¹) | (¹) | (¹) | 15.9 | 16.4 | 17.2 | 17.2 | 16.8 |
| Towing, tugboat, and water transportation services, nec | 4492,9 | (¹) | (¹) | (¹) | 35.5 | 33.2 | 35.9 | 36.8 | 33.5 |
| Air courier services | 4513 | (¹) | (¹) | (¹) | 68.4 | 82.8 | 91.9 | 92.8 | 96.0 |
| Air transportation, nonscheduled | 452 | (¹) | (¹) | (¹) | 18.2 | 23.1 | 26.0 | 27.5 | 28.5 |
| Tour operators | 4725 | (¹) | (¹) | (¹) | 20.6 | 22.1 | 22.8 | 21.6 | 23.6 |
| Passenger transport arrangement, nec | 4729 | (¹) | (¹) | (¹) | 16.8 | 15.5 | 14.9 | 13.9 | 12.1 |
| Rental of railroad cars | 474 | 7.0 | 6.4 | 6.6 | 6.1 | 6.0 | 5.7 | 5.6 | 4.7 |
| Miscellaneous transportation services | 478 | 15.0 | 13.6 | 15.1 | 16.5 | 18.3 | 20.2 | 23.3 | 24.3 |
| Communications and public utilities: | | | | | | | | | |
| Radiotelephone communications | 4812 | (¹) | (¹) | (¹) | 21.1 | 27.3 | 36.5 | 44.2 | 50.7 |
| Telegraph and other communications | 482 | (¹) | (¹) | (¹) | 17.5 | 14.1 | 12.0 | 10.4 | 8.7 |
| Communications services, nec | 489 | (¹) | (¹) | (¹) | 25.5 | 23.8 | 25.3 | 23.3 | 17.2 |
| Water supply | 494 | 21.8 | 22.3 | 22.8 | 23.9 | 24.7 | 25.1 | 25.8 | 25.7 |
| Steam and air-conditioning supply, and irrigation systems | 496,7 | 3.4 | 3.4 | 3.2 | 3.9 | 3.8 | 4.6 | 4.6 | 4.2 |
| Wholesale trade | | 5,665 | 5,703 | 5,767 | 5,925 | 6,164 | 6,126 | 6,050 | 5,993 |
| Tires and tubes | 5014 | 31.0 | 30.0 | 29.2 | 29.3 | 30.0 | 30.3 | 28.4 | 28.4 |
| Motor vehicle parts, used | 5015 | (¹) | (¹) | (¹) | 36.2 | 37.7 | 39.5 | 39.8 | 39.5 |
| Brick, stone, and related materials | 5032 | (¹) | (¹) | (¹) | 32.9 | 36.1 | 38.9 | 37.0 | 37.4 |
| Roofing, siding, and insulation | 5033 | (¹) | (¹) | (¹) | 24.7 | 26.3 | 27.0 | 25.8 | 25.9 |
| Photographic equipment and supplies | 5043 | (¹) | (¹) | (¹) | 26.3 | 31.2 | 30.8 | 30.7 | 28.9 |
| Commercial equipment, nec | 5046 | (¹) | (¹) | (¹) | 48.8 | 50.2 | 51.5 | 50.8 | 49.7 |
| Ophthalmic goods | 5048 | (¹) | (¹) | (¹) | 20.8 | 21.6 | 20.3 | 20.1 | 20.7 |
| Professional equipment, nec | 5049 | (¹) | (¹) | (¹) | 39.0 | 39.7 | 35.6 | 34.3 | 35.8 |
| Warm air heating and air-conditioning | 5075 | (¹) | (¹) | (¹) | 50.7 | 52.5 | 52.5 | 51.7 | 51.6 |
| Refrigeration equipment and supplies | 5078 | (¹) | (¹) | (¹) | 14.6 | 14.9 | 13.4 | 13.3 | 12.9 |
| Service establishment equipment | 5087 | 70.9 | 73.0 | 75.8 | 81.8 | 85.5 | 81.6 | 82.0 | 80.5 |
| Transportation equipment and supplies | 5088 | 32.5 | 32.5 | 33.3 | 38.0 | 38.6 | 38.6 | 39.2 | 38.9 |
| Sporting and recreational goods | 5091 | (¹) | (¹) | (¹) | 40.0 | 43.2 | 42.5 | 41.7 | 43.1 |
| Toys and hobby goods and supplies | 5092 | (¹) | (¹) | (¹) | 21.7 | 22.7 | 23.9 | 23.1 | 24.1 |
| Jewelry and precious stones | 5094 | 40.3 | 42.7 | 43.6 | 45.7 | 47.6 | 48.3 | 47.9 | 48.0 |
| Wholesale trade durable goods, nec | 5099 | 62.0 | 60.0 | 63.8 | 71.0 | 76.8 | 67.7 | 69.2 | 69.4 |
| Printing and writing paper | 5111 | (¹) | (¹) | (¹) | 24.5 | 24.8 | 25.6 | 25.0 | 23.9 |

See footnotes at end of table.

Table 6. Employment benchmarks for industries not published monthly, March 1985-92—Continued

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|------------------|------------------|------------------|------------------|---------------|---------------|---------------|---------------|---------------|
| Wholesale trade-Continued | | | | | | | | | |
| Industry and personal service paper | 5113 | (¹) | (¹) | (¹) | 83.6 | 86.7 | 86.8 | 86.4 | 84.4 |
| Piece goods and notions | 5131 | (¹) | (¹) | (¹) | 52.4 | 54.4 | 51.8 | 51.2 | 52.5 |
| Men's and boys' clothing | 5136 | (¹) | (¹) | (¹) | 39.6 | 43.3 | 43.4 | 42.4 | 44.4 |
| Women's and children's clothing | 5137 | (¹) | (¹) | (¹) | 77.6 | 83.1 | 84.9 | 80.9 | 85.8 |
| Footwear | 5139 | (¹) | (¹) | (¹) | 19.1 | 19.6 | 21.2 | 21.5 | 22.0 |
| Packaged frozen foods | 5142 | 26.9 | 27.4 | 28.4 | 30.0 | 31.8 | 33.3 | 34.5 | 35.3 |
| Dairy products, except dried or canned | 5143 | 43.7 | 44.1 | 47.3 | 47.0 | 47.6 | 49.6 | 46.8 | 46.3 |
| Poultry and poultry products | 5144 | 24.0 | 23.3 | 23.6 | 22.4 | 21.3 | 20.4 | 19.8 | 18.7 |
| Confectionery | 5145 | 40.5 | 41.8 | 44.0 | 45.6 | 46.5 | 48.1 | 48.5 | 49.8 |
| Fish and seafoods | 5146 | 27.0 | 27.8 | 28.9 | 30.6 | 31.4 | 31.0 | 29.3 | 28.7 |
| Groceries and related products, nec | 5149 | 174.0 | 184.2 | 192.7 | 205.9 | 220.8 | 225.1 | 231.3 | 236.5 |
| Grain and field beans | 5153 | (¹) | (¹) | (¹) | 66.8 | 67.2 | 65.4 | 63.2 | 63.3 |
| Livestock | 5154 | (¹) | (¹) | (¹) | 36.5 | 36.2 | 35.3 | 35.4 | 35.1 |
| Farm-product raw materials, nec | 5159 | (¹) | (¹) | (¹) | 21.6 | 21.0 | 17.3 | 16.7 | 16.2 |
| Plastics materials and basic shapes | 5162 | (¹) | (¹) | (¹) | 22.2 | 23.2 | 24.9 | 24.5 | 25.6 |
| Chemicals and allied products, nec | 5169 | (¹) | (¹) | (¹) | 102.0 | 104.1 | 110.8 | 113.0 | 113.2 |
| Books, periodicals, and newspapers | 5192 | (¹) | (¹) | (¹) | 61.7 | 64.5 | 69.1 | 70.7 | 72.0 |
| Flowers and florists' supplies | 5193 | (¹) | (¹) | (¹) | 41.4 | 44.9 | 49.4 | 50.2 | 51.1 |
| Tobacco and tobacco products | 5194 | 39.0 | 40.4 | 40.0 | 42.1 | 45.4 | 45.8 | 45.5 | 48.3 |
| Paints, varnishes, and supplies | 5198 | 27.7 | 27.9 | 29.5 | 30.3 | 30.3 | 29.8 | 29.2 | 28.0 |
| Wholesale trade nondurable goods, nec | 5199 | (¹) | (¹) | (¹) | 116.7 | 127.1 | 125.5 | 127.3 | 136.6 |
| Retail trade | | 16,743 | 17,281 | 17,845 | 18,479 | 19,048 | 19,216 | 18,934 | 18,855 |
| Mobile home dealers | 527 | 29.1 | 27.4 | 27.2 | 27.6 | 27.8 | 25.9 | 23.7 | 23.6 |
| Fruit and vegetable markets | 543 | 21.2 | 21.6 | 21.9 | 22.4 | 22.6 | 21.3 | 22.0 | 23.2 |
| Candy, nut, and confectionery stores | 544 | 29.5 | 31.4 | 30.3 | 30.5 | 32.3 | 30.1 | 30.9 | 28.2 |
| Miscellaneous food stores | 549 | 39.3 | 38.6 | 38.6 | 40.0 | 42.8 | 41.1 | 43.1 | 44.9 |
| Used car dealers | 552 | 51.1 | 52.4 | 55.3 | 59.8 | 62.4 | 61.2 | 61.3 | 62.2 |
| Boat dealers | 555 | 27.1 | 30.1 | 33.6 | 38.0 | 40.3 | 36.7 | 30.7 | 29.0 |
| Recreational vehicle dealers | 556 | (¹) | (¹) | (¹) | 19.5 | 21.1 | 21.2 | 19.1 | 19.7 |
| Motorcycle dealers | 557 | 29.8 | 29.0 | 26.9 | 25.8 | 24.9 | 24.1 | 23.4 | 23.4 |
| Women's accessory and specialty stores | 563 | 32.5 | 35.9 | 40.2 | 44.8 | 45.1 | 50.5 | 49.8 | 50.0 |
| Children's and infants' wear stores | 564 | 33.7 | 34.9 | 35.8 | 36.7 | 35.1 | 33.3 | 32.9 | 32.5 |
| Miscellaneous apparel and accessory stores | 569 | 51.3 | 54.3 | 56.7 | 62.6 | 67.2 | 71.5 | 77.6 | 78.0 |
| Floor covering stores | 5713 | 64.2 | 68.1 | 72.3 | 77.3 | 79.6 | 78.8 | 75.0 | 74.5 |
| Drapery, upholstery, and miscellaneous home furnishings | 5714,9 | 82.0 | 86.4 | 89.1 | 95.1 | 99.5 | 98.9 | 95.0 | 95.1 |
| Computer and software stores | 5734 | (¹) | (¹) | (¹) | 59.4 | 68.4 | 72.8 | 75.3 | 78.9 |
| Musical instrument stores | 5736 | (¹) | (¹) | (¹) | 25.5 | 26.2 | 26.7 | 26.2 | 26.3 |
| Hobby, toy, and game shops | 5945 | 56.5 | 63.8 | 69.9 | 82.3 | 87.6 | 90.9 | 89.9 | 93.4 |
| Camera, luggage, and leather goods stores | 5946,8 | 39.8 | 40.2 | 42.0 | 42.7 | 43.6 | 40.5 | 38.9 | 37.8 |
| Direct selling establishments | 5963 | 56.1 | 61.4 | 59.3 | 60.3 | 57.3 | 53.2 | 55.2 | 52.4 |
| Optical goods stores | 5995 | (¹) | (¹) | (¹) | 50.0 | 54.5 | 60.0 | 60.5 | 61.0 |
| Miscellaneous retail stores, nec | 5999 | (¹) | (¹) | (¹) | 172.7 | 191.8 | 196.8 | 203.4 | 210.5 |
| Finance, insurance, and real estate | | 5,818 | 6,132 | 6,430 | 6,576 | 6,615 | 6,650 | 6,656 | 6,534 |
| Central reserve depositories | 601 | (¹) | (¹) | (¹) | 27.9 | 29.0 | 26.7 | 27.3 | 27.0 |
| Foreign banks and branches and agencies | 608 | (¹) | (¹) | (¹) | 25.7 | 27.1 | 28.0 | 29.3 | 34.2 |
| Functions closely related to banking | 609 | (¹) | (¹) | (¹) | 46.9 | 51.0 | 57.4 | 60.3 | 60.4 |
| Federal and federally sponsored credit agencies | 611 | (¹) | (¹) | (¹) | 11.0 | 10.3 | 11.1 | 12.1 | 16.2 |
| Short-term business credit | 6153 | (¹) | (¹) | (¹) | 34.2 | 40.1 | 43.9 | 50.7 | 49.1 |
| Miscellaneous business credit institutions | 6159 | (¹) | (¹) | (¹) | 30.7 | 33.3 | 35.0 | 35.0 | 32.4 |
| Investment advice | 6282 | (¹) | (¹) | (¹) | 43.8 | 45.0 | 48.3 | 54.0 | 55.2 |
| Security and commodity services, nec | 6289 | (¹) | (¹) | (¹) | 24.8 | 24.9 | 26.6 | 27.2 | 25.8 |
| Bank holding companies | 6712 | (¹) | (¹) | (¹) | 26.9 | 26.5 | 28.0 | 28.6 | 25.2 |
| Holding companies, nec | 6719 | (¹) | (¹) | (¹) | 76.7 | 78.4 | 82.2 | 82.0 | 74.9 |
| Trusts | 673 | 40.2 | 54.9 | 55.1 | 57.2 | 76.2 | 63.6 | 76.1 | 76.5 |
| Investment offices and miscellaneous investing | 672,9 | 36.2 | 39.0 | 39.1 | 42.1 | 39.3 | 41.1 | 42.1 | 42.1 |
| Accident and health insurance | 6321 | (¹) | (¹) | (¹) | 52.4 | 53.7 | 54.9 | 55.9 | 61.5 |
| Pension, health, and welfare funds | 637 | 26.8 | 27.8 | 33.4 | 35.9 | 36.2 | 37.4 | 38.9 | 39.4 |
| Surety insurance and insurance carriers, nec | 635,9 | 9.4 | 9.8 | 12.0 | 13.0 | 14.6 | 15.4 | 16.7 | 17.8 |
| Title abstract offices | 654 | 24.8 | 27.7 | 32.7 | 30.9 | 30.2 | 30.4 | 28.3 | 30.4 |
| Services | | 21,494 | 22,562 | 23,638 | 24,953 | 26,503 | 27,697 | 28,053 | 28,586 |
| Agricultural services: | | | | | | | | | |
| Animal services, except veterinary | 075 | 39.7 | 41.4 | 42.2 | 44.3 | 41.5 | 41.8 | 43.5 | 40.9 |
| Hotels and other lodging places: | | | | | | | | | |
| Camps and recreational vehicle parks | 703 | 18.3 | 18.0 | 19.2 | 20.0 | 21.6 | 23.3 | 22.0 | 22.8 |
| Rooming and boarding houses, and membership-basis organization hotels | 702,4 | 15.3 | 15.5 | 16.2 | 16.6 | 17.8 | 17.8 | 17.9 | 17.1 |

See footnotes at end of table.

Table 6. Employment benchmarks for industries not published monthly, March 1985-92—Continued

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|------------------|------------------|------------------|------------------|-------|---------|---------|---------|---------|
| Services-Continued | | | | | | | | | |
| Personal services: | | | | | | | | | |
| Barber shops | 724 | 21.2 | 20.1 | 19.3 | 18.5 | 17.9 | 17.7 | 14.1 | 13.9 |
| Shoe repair shops and shoeshine parlors | 725 | (¹) | (¹) | (¹) | 7.0 | 7.0 | 6.9 | 6.6 | 6.7 |
| Tax return preparation services | 7291 | (¹) | (¹) | (¹) | 82.8 | 86.7 | 89.9 | 105.7 | 114.4 |
| Miscellaneous personal services, nec | 7299 | (¹) | (¹) | (¹) | 78.8 | 90.4 | 100.5 | 98.2 | 97.0 |
| Business services: | | | | | | | | | |
| Outdoor, radio, television, and other advertising, nec | 7312,3,9 | 47.9 | 51.7 | 54.8 | 62.8 | 62.5 | 67.9 | 68.7 | 69.6 |
| Adjustment and collection services | 7322 | (¹) | (¹) | (¹) | 55.0 | 61.7 | 66.3 | 70.5 | 74.6 |
| Credit reporting services | 7323 | (¹) | (¹) | (¹) | 35.4 | 37.0 | 39.4 | 35.8 | 37.9 |
| Direct mail advertising services | 7331 | (¹) | (¹) | (¹) | 87.9 | 86.2 | 88.9 | 88.1 | 84.7 |
| Commercial photography | 7335 | (¹) | (¹) | (¹) | 16.2 | 17.5 | 17.8 | 16.1 | 15.7 |
| Commercial art and graphic design | 7336 | (¹) | (¹) | (¹) | 40.5 | 45.1 | 48.3 | 45.6 | 45.1 |
| Secretarial and court reporting | 7338 | (¹) | (¹) | (¹) | 22.7 | 26.1 | 29.3 | 29.7 | 30.7 |
| Disinfecting and pest control services | 7342 | (¹) | (¹) | (¹) | 64.1 | 66.7 | 68.6 | 68.0 | 74.4 |
| Building maintenance services, nec | 7349 | (¹) | (¹) | (¹) | 690.3 | 719.4 | 736.1 | 720.8 | 715.7 |
| Medical equipment rental | 7352 | (¹) | (¹) | (¹) | 19.5 | 20.4 | 23.8 | 26.9 | 28.5 |
| Equipment rental and leasing, nec | 7359 | (¹) | (¹) | (¹) | 113.1 | 121.0 | 131.4 | 131.4 | 132.1 |
| Computer facilities management | 7376 | (¹) | (¹) | (¹) | 26.0 | 25.8 | 25.6 | 24.2 | 25.2 |
| Computer rental and leasing | 7377 | (¹) | (¹) | (¹) | 10.3 | 11.7 | 10.7 | 10.8 | 10.2 |
| Computer related services, nec | 7379 | (¹) | (¹) | (¹) | 69.8 | 78.1 | 88.5 | 94.0 | 101.9 |
| News syndicates | 7383 | 8.3 | 8.5 | 9.0 | 10.1 | 10.5 | 10.3 | 10.0 | 10.2 |
| Business services, nec | 7389 | 432.1 | 454.1 | 471.2 | 545.4 | 602.5 | 661.7 | 635.5 | 647.7 |
| Auto repair, services, and parking: | | | | | | | | | |
| Passenger car leasing | 7515 | (¹) | (¹) | (¹) | 11.7 | 11.7 | 11.3 | 10.0 | 9.5 |
| Truck and utility trailer rental | 7513,9 | (¹) | (¹) | (¹) | 57.7 | 62.2 | 64.4 | 55.3 | 52.1 |
| Auto exhaust system repair shops | 7533 | (¹) | (¹) | (¹) | 20.3 | 20.1 | 22.1 | 22.4 | 23.3 |
| Automotive glass replacement shops | 7536 | (¹) | (¹) | (¹) | 14.7 | 17.6 | 19.7 | 20.5 | 20.0 |
| Automotive transmission repair shops | 7537 | (¹) | (¹) | (¹) | 22.8 | 23.5 | 23.6 | 23.5 | 23.1 |
| Automotive repair shops, nec | 7539 | (¹) | (¹) | (¹) | 49.5 | 52.4 | 54.5 | 50.8 | 50.0 |
| Automotive services, nec | 7549 | (¹) | (¹) | (¹) | 45.4 | 53.0 | 58.2 | 62.9 | 66.1 |
| Reupholstery and furniture repair | 764 | 23.3 | 22.9 | 23.4 | 23.4 | 23.8 | 24.4 | 20.8 | 20.5 |
| Watch and miscellaneous repair shops | 763,9 | 191.5 | 192.1 | 189.3 | 210.9 | 229.7 | 247.3 | 208.0 | 212.6 |
| Motion pictures: | | | | | | | | | |
| Motion picture distribution and services | 782 | 11.1 | 12.0 | 12.9 | 17.7 | 12.0 | 13.7 | 14.7 | 14.9 |
| Video tape rental | 784 | (¹) | (¹) | (¹) | 100.8 | 115.9 | 132.1 | 133.3 | 127.0 |
| Amusement and recreational services: | | | | | | | | | |
| Dance studios, schools, and halls | 791 | (¹) | (¹) | (¹) | 19.7 | 21.3 | 22.1 | 22.7 | 24.6 |
| Producers, orchestras, and entertainers | 792 | 97.7 | 101.1 | 105.7 | 114.3 | 123.0 | 134.8 | 137.0 | 135.9 |
| Commercial sports | 794 | 68.4 | 73.7 | 72.6 | 74.3 | 85.0 | 91.0 | 91.9 | 91.8 |
| Public golf courses | 7992 | (¹) | (¹) | (¹) | 26.9 | 29.5 | 33.8 | 35.5 | 39.7 |
| Coin-operated amusement devices | 7993 | (¹) | (¹) | (¹) | 24.7 | 25.7 | 27.0 | 25.7 | 28.7 |
| Amusement parks | 7996 | (¹) | (¹) | (¹) | 67.5 | 74.2 | 80.2 | 87.7 | 89.3 |
| Amusement and recreation, nec. | 7999 | (¹) | (¹) | (¹) | 157.4 | 174.6 | 183.0 | 186.3 | 208.4 |
| Health services: | | | | | | | | | |
| Offices and clinics of osteopathic physicians | 803 | 29.4 | 30.7 | 32.3 | 33.2 | 34.1 | 35.2 | 43.1 | 45.1 |
| Offices and clinics of podiatrists | 8043 | (¹) | (¹) | (¹) | 19.9 | 21.1 | 22.4 | 24.3 | 25.2 |
| Offices and clinics of health practitioners, nec. | 8049 | (¹) | (¹) | (¹) | 77.9 | 93.6 | 109.6 | 129.1 | 148.6 |
| Health and allied services, nec | 809 | (¹) | (¹) | (¹) | 196.9 | 216.1 | 224.9 | 234.0 | 248.7 |
| Specialty outpatient clinics, nec. | 8093 | (¹) | (¹) | (¹) | 135.9 | 147.6 | 154.3 | 159.6 | 167.1 |
| Kidney dialysis centers and health and allied services, nec. | 8092,9 | (¹) | (¹) | (¹) | 61.0 | 68.5 | 70.6 | 74.4 | 81.6 |
| Educational services: | | | | | | | | | |
| Libraries | 823 | (¹) | (¹) | (¹) | 14.4 | 13.9 | 14.2 | 18.4 | 19.9 |
| Schools and educational services, nec. | 829 | (¹) | (¹) | (¹) | 80.4 | 88.6 | 97.6 | 104.6 | 108.2 |
| Membership organizations: | | | | | | | | | |
| Religious organizations | 866 | 843.7 | 823.6 | 850.6 | 964.9 | 1,011.9 | 1,118.6 | 1,211.6 | 1,149.9 |
| Political and membership organizations, nec. | 865,9 | 70.9 | 86.8 | 88.7 | 98.3 | 101.6 | 93.6 | 81.1 | 80.5 |
| Engineering and management services: | | | | | | | | | |
| Testing laboratories | 8734 | 44.8 | 46.4 | 46.9 | 56.2 | 64.4 | 72.2 | 74.5 | 79.6 |
| Management services | 8741 | (¹) | (¹) | (¹) | 217.2 | 242.5 | 262.6 | 240.9 | 246.8 |
| Management consulting services | 8742 | (¹) | (¹) | (¹) | 145.8 | 161.2 | 190.9 | 196.5 | 207.6 |
| Facilities support services | 8744 | (¹) | (¹) | (¹) | 45.6 | 54.0 | 56.6 | 58.8 | 66.3 |
| Business consulting, nec | 8748 | (¹) | (¹) | (¹) | 49.6 | 61.8 | 71.5 | 80.0 | 90.5 |

See footnotes at end of table.

Table 6. Employment benchmarks for industries not published monthly, March 1985-92—Continued

(In thousands)

| Industry | 1987 SIC Code | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|------------------|------------------|------------------|------------------|---------|---------|---------|---------|---------|
| Government | | 16,596 | 16,946 | 17,254 | 17,654 | 18,011 | 18,568 | 18,717 | 18,953 |
| Federal: | | | | | | | | | |
| Small arms ammunition and ordnance | | 19.1 | 19.1 | 17.3 | 17.0 | 16.9 | 19.4 | 18.1 | 18.8 |
| Other manufacturing | | 31.7 | 31.9 | 31.5 | 31.5 | 24.6 | 29.4 | 27.1 | 25.6 |
| Trade | | 79.7 | 77.9 | 79.2 | 81.0 | 74.5 | 79.7 | 79.5 | 75.3 |
| Finance | | 20.6 | 22.2 | 24.5 | 25.4 | 23.8 | 26.6 | 31.2 | 33.6 |
| Other services | | 158.9 | 159.2 | 166.7 | 172.8 | 162.7 | 164.5 | 155.7 | 158.9 |
| All other Federal Government, except Postal Service | | 1,434.5 | 1,451.4 | 1,422.7 | 1,402.0 | 1,502.2 | 1,602.2 | 1,489.3 | 1,533.1 |
| State: | | | | | | | | | |
| State government, except education | | 2,263.2 | 2,300.9 | 2,341.0 | 2,418.9 | 2,479.0 | 2,544.7 | 2,583.3 | 2,573.6 |
| Construction | | 228.3 | 207.6 | 189.1 | 169.3 | 145.5 | 116.0 | 85.7 | 82.5 |
| Transportation and public utilities | | 45.4 | 45.6 | 45.0 | 47.7 | 46.4 | 48.6 | 49.4 | 48.4 |
| Services | | (¹) | (¹) | (¹) | 2,477.0 | 2,545.0 | 2,595.7 | 2,662.4 | 2,680.0 |
| Social services | | 183.6 | 175.3 | 173.9 | 184.8 | 198.9 | 203.4 | 212.2 | 203.7 |
| Services, except hospitals, education, and social services | | 124.2 | 125.8 | 119.4 | 116.1 | 119.6 | 121.5 | 140.5 | 135.6 |
| Local: | | | | | | | | | |
| Local government, except education | | 4,231.4 | 4,295.8 | 4,381.3 | 4,501.2 | 4,600.7 | 4,743.3 | 4,827.9 | 4,936.8 |
| Services | | (¹) | (¹) | (¹) | 6,969.2 | 7,128.6 | 7,328.3 | 7,467.7 | 7,569.6 |
| Social services | | 117.9 | 114.7 | 114.9 | 112.7 | 109.4 | 104.7 | 113.5 | 121.3 |
| Services, except hospitals, education, and social services | | 177.9 | 187.9 | 198.3 | 203.0 | 214.4 | 223.3 | 230.6 | 239.5 |
| Nonclassifiable establishments | | 199.3 | 187.0 | 245.2 | 178.7 | 213.6 | 162.8 | 127.3 | 142.5 |

¹ Not available.
N.e.c. is an abbreviation for "not elsewhere classified" and designates broad categories of industries which cannot be more specifically identified.

NOTE: This table includes data for totals and some industry divisions which are published regularly. Data for 1985-90 have been revised to correct for errors in benchmark source data.

Table 7. Seasonal adjustment factors for employees on nonfarm payrolls by industry

| Industry | 1993 | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. |
| Total¹ | | | | | | |
| Mining | 100.0 | 100.9 | 101.6 | 101.5 | 100.9 | 100.6 |
| Oil and gas extraction | 99.4 | 100.3 | 101.1 | 100.7 | 99.9 | 100.2 |
| Construction | 101.0 | 104.2 | 106.1 | 107.1 | 106.0 | 105.3 |
| General building contractors | 99.3 | 103.0 | 105.3 | 106.3 | 104.6 | 103.7 |
| Manufacturing¹ | | | | | | |
| Durable goods¹ | | | | | | |
| Lumber and wood products ² | 99.9 | 102.0 | 102.5 | 102.8 | 102.3 | 101.3 |
| Furniture and fixtures | 99.6 | 100.4 | 98.1 | 100.4 | 100.8 | 101.2 |
| Stone, clay, and glass products | 100.6 | 102.0 | 101.8 | 102.4 | 102.4 | 101.8 |
| Primary metal industries | 99.8 | 100.6 | 99.5 | 100.4 | 100.7 | 100.3 |
| Blast furnaces and basic steel products | 99.6 | 100.4 | 100.4 | 100.8 | 100.5 | 99.9 |
| Fabricated metal products | 99.9 | 100.6 | 99.4 | 100.3 | 100.9 | 100.9 |
| Industrial machinery and equipment ² | 100.2 | 100.4 | 99.6 | 99.6 | 99.9 | 99.8 |
| Electronic and other electrical equipment | 99.8 | 100.4 | 99.8 | 100.1 | 100.3 | 100.4 |
| Transportation equipment ² | 100.6 | 100.7 | 99.5 | 99.9 | 100.9 | 100.5 |
| Motor vehicles and equipment | 101.8 | 101.6 | 99.4 | 99.9 | 101.4 | 100.5 |
| Aircraft and parts | 99.6 | 99.9 | 99.9 | 99.6 | 100.0 | 100.0 |
| Instruments and related products | 99.8 | 100.3 | 100.1 | 100.2 | 100.2 | 100.1 |
| Miscellaneous manufacturing | 99.7 | 100.3 | 98.6 | 100.7 | 101.6 | 102.3 |
| Nondurable goods¹ | | | | | | |
| Food and kindred products | 97.7 | 100.1 | 102.3 | 105.0 | 105.0 | 102.7 |
| Tobacco products | 91.8 | 92.5 | 93.1 | 102.4 | 106.3 | 105.6 |
| Textile mill products | 99.8 | 100.6 | 99.2 | 100.6 | 101.0 | 100.5 |
| Apparel and other textile products | 100.1 | 100.8 | 97.9 | 100.3 | 100.7 | 101.0 |
| Paper and allied products | 99.6 | 100.8 | 100.6 | 100.8 | 100.5 | 100.2 |
| Printing and publishing | 99.9 | 100.1 | 99.8 | 99.8 | 99.7 | 100.0 |
| Chemicals and allied products | 99.8 | 100.7 | 100.5 | 100.7 | 100.1 | 99.9 |
| Petroleum and coal products | 100.4 | 102.0 | 102.3 | 102.5 | 101.4 | 101.2 |
| Rubber and misc. plastics products | 99.9 | 100.8 | 99.3 | 100.4 | 100.7 | 100.8 |
| Leather and leather products | 99.9 | 101.4 | 96.5 | 102.0 | 102.2 | 101.6 |
| Transportation and public utilities¹ | | | | | | |
| Transportation | 100.0 | 100.6 | 99.5 | 99.5 | 101.4 | 101.5 |
| Trucking and warehousing | 99.0 | 100.7 | 101.0 | 101.2 | 101.5 | 101.7 |
| Transportation by air | 99.6 | 100.3 | 101.0 | 101.3 | 100.6 | 100.5 |
| Communications and public utilities | 99.8 | 100.6 | 100.8 | 100.8 | 100.2 | 100.1 |
| Wholesale trade¹ | | | | | | |
| Durable goods | 100.0 | 100.6 | 100.6 | 100.5 | 100.0 | 100.1 |
| Nondurable goods | 99.9 | 100.8 | 100.7 | 100.8 | 100.7 | 100.8 |
| Retail trade | 100.1 | 100.9 | 100.6 | 100.9 | 100.4 | 100.1 |
| General merchandise stores | 97.0 | 98.1 | 98.0 | 98.6 | 99.1 | 100.9 |
| Food stores | 99.5 | 100.5 | 100.5 | 100.1 | 99.9 | 100.2 |
| Automotive dealers and service stations | 100.1 | 101.0 | 101.5 | 101.5 | 100.9 | 100.5 |
| Apparel and accessory stores | 98.1 | 99.0 | 99.1 | 99.8 | 98.4 | 99.4 |
| Eating and drinking places | 101.9 | 103.2 | 102.4 | 102.9 | 102.0 | 99.5 |
| Finance, insurance, and real estate¹ | | | | | | |
| Finance ² | 99.8 | 100.6 | 100.7 | 100.7 | 99.9 | 99.6 |
| Depository institutions | 99.8 | 100.8 | 100.7 | 100.7 | 99.9 | 99.6 |
| Insurance | 100.0 | 100.4 | 100.4 | 100.2 | 99.7 | 99.7 |
| Real estate ² | 100.4 | 103.1 | 103.9 | 103.9 | 101.6 | 100.0 |
| Services¹ | | | | | | |
| Agricultural services ² | 109.0 | 112.6 | 111.6 | 109.4 | 105.4 | 103.3 |
| Hotels and other lodging places | 100.4 | 105.1 | 107.1 | 107.5 | 103.2 | 99.4 |
| Personal services | 97.5 | 97.4 | 96.5 | 96.7 | 98.0 | 98.6 |
| Business services | 99.9 | 100.7 | 100.4 | 101.2 | 101.6 | 102.0 |
| Personnel supply services | 99.8 | 101.0 | 100.3 | 103.1 | 104.2 | 105.2 |
| Auto repair, services, and parking | 100.1 | 100.7 | 100.8 | 100.5 | 100.4 | 100.3 |
| Miscellaneous repair services | 99.5 | 100.4 | 101.2 | 101.2 | 101.0 | 101.1 |
| Motion pictures | 99.8 | 101.5 | 102.0 | 102.7 | 97.7 | 98.2 |
| Amusement and recreation services | 103.2 | 112.7 | 114.2 | 113.7 | 105.3 | 95.0 |
| Health services | 99.8 | 100.3 | 100.4 | 100.3 | 100.0 | 100.0 |
| Hospitals | 99.6 | 100.3 | 100.4 | 100.2 | 99.9 | 100.0 |

See footnotes at end of table.

Table 7. Seasonal adjustment factors for employees on nonfarm payrolls by industry—Continued

| Industry | 1993 | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. |
| Services—Continued | | | | | | |
| Legal services | 99.3 | 101.9 | 101.9 | 100.9 | 99.3 | 99.6 |
| Educational services | 101.5 | 91.0 | 86.5 | 85.6 | 98.1 | 106.9 |
| Social services | 101.0 | 99.8 | 99.2 | 98.3 | 99.3 | 100.3 |
| Museums and botanical and zoological gardens | 103.1 | 107.6 | 108.6 | 107.2 | 102.0 | 101.5 |
| Membership organizations | 99.9 | 101.4 | 103.1 | 101.6 | 99.2 | 99.5 |
| Engineering and management services | 99.7 | 100.3 | 100.5 | 100.3 | 99.4 | 99.7 |
| Government¹ | | | | | | |
| Federal | 100.2 | 101.1 | 101.1 | 100.6 | 100.0 | 99.5 |
| State | 101.4 | 97.2 | 94.7 | 94.5 | 98.4 | 102.4 |
| Local | 102.7 | 101.5 | 93.2 | 91.9 | 98.2 | 101.4 |

¹ Seasonally adjusted data are derived by aggregation of the component series.
² No ARIMA models were identified to extend the

unadjusted series for one year. Factors shown are projected using X-11 without the ARIMA option.

Table 8. Seasonal adjustment factors for women employees on nonfarm payrolls by industry

| Industry | 1993 | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. |
| Total¹ | | | | | | |
| Mining | 100.3 | 101.4 | 101.7 | 100.9 | 100.1 | 99.9 |
| Construction² | 100.3 | 101.5 | 102.2 | 102.4 | 101.8 | 101.5 |
| Manufacturing¹ | | | | | | |
| Durable goods¹ | | | | | | |
| Lumber and wood products | 100.3 | 102.0 | 101.6 | 102.0 | 101.4 | 100.7 |
| Furniture and fixtures | 100.2 | 100.6 | 97.9 | 100.0 | 100.5 | 101.1 |
| Stone, clay, and glass products | 99.8 | 101.3 | 100.2 | 101.4 | 101.5 | 101.4 |
| Primary metal industries | 99.9 | 100.9 | 100.1 | 100.9 | 100.8 | 100.3 |
| Fabricated metal products | 100.0 | 100.7 | 99.2 | 100.2 | 100.9 | 100.9 |
| Industrial machinery and equipment | 100.1 | 100.6 | 100.0 | 99.7 | 99.6 | 99.8 |
| Electronic and other electrical equipment | 99.8 | 100.3 | 99.6 | 100.1 | 100.3 | 100.5 |
| Transportation equipment ² | 100.1 | 100.6 | 99.8 | 99.9 | 100.7 | 100.7 |
| Instruments and related products | 99.9 | 100.2 | 99.8 | 100.1 | 100.2 | 100.2 |
| Miscellaneous manufacturing | 99.8 | 100.1 | 98.2 | 100.8 | 102.0 | 102.9 |
| Nondurable goods¹ | | | | | | |
| Food and kindred products ² | 95.9 | 99.0 | 102.9 | 107.5 | 108.5 | 104.4 |
| Tobacco products | 88.3 | 88.2 | 88.7 | 105.7 | 110.6 | 109.8 |
| Textile mill products | 99.7 | 100.7 | 99.4 | 100.7 | 101.0 | 100.5 |
| Apparel and other textile products | 100.1 | 100.8 | 96.9 | 100.1 | 100.8 | 101.1 |
| Paper and allied products ² | 99.3 | 101.3 | 101.3 | 101.8 | 100.8 | 100.5 |
| Printing and publishing | 100.1 | 100.2 | 99.8 | 99.5 | 99.5 | 99.8 |
| Chemicals and allied products | 99.5 | 100.9 | 100.7 | 101.0 | 100.4 | 100.1 |
| Petroleum and coal products ² | 99.5 | 101.3 | 102.1 | 102.3 | 100.3 | 100.3 |
| Rubber and misc. plastics products | 99.9 | 101.0 | 98.8 | 100.3 | 100.7 | 101.1 |
| Leather and leather products | 99.7 | 101.0 | 96.7 | 102.3 | 102.6 | 102.4 |
| Transportation and public utilities | 100.2 | 100.4 | 98.8 | 98.8 | 100.6 | 100.8 |
| Wholesale trade | 99.7 | 100.4 | 100.1 | 100.1 | 100.4 | 100.7 |
| Retail trade | 99.8 | 100.7 | 100.2 | 100.7 | 100.4 | 100.3 |
| Finance, insurance, and real estate | 99.9 | 100.7 | 100.8 | 100.7 | 99.9 | 99.7 |
| Services² | 100.0 | 100.3 | 100.0 | 99.9 | 100.1 | 100.5 |
| Government¹ | | | | | | |
| Federal | 100.0 | 101.0 | 101.4 | 100.8 | 100.2 | 99.7 |
| State | 101.6 | 97.1 | 94.1 | 93.8 | 98.3 | 102.2 |
| Local | 103.6 | 101.1 | 89.2 | 88.1 | 97.9 | 102.3 |

¹ Seasonally adjusted data are derived by aggregation of the component series.
² No ARIMA models were identified to extend the

unadjusted series for one year. Factors shown are projected using X-11 without the ARIMA option.

Table 9. Seasonal adjustment factors for production or nonsupervisory workers¹ on private nonfarm payrolls by industry

| Industry | 1993 | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. |
| Total private² | | | | | | |
| Mining | 100.1 | 101.0 | 101.8 | 102.0 | 101.1 | 101.2 |
| Construction | 101.1 | 105.1 | 107.4 | 108.7 | 107.5 | 106.7 |
| Manufacturing² | | | | | | |
| Durable goods² | | | | | | |
| Lumber and wood products ³ | 99.9 | 102.3 | 102.8 | 103.2 | 102.7 | 101.5 |
| Furniture and fixtures | 99.6 | 100.3 | 97.9 | 100.4 | 100.9 | 101.5 |
| Stone, clay, and glass products | 100.9 | 102.5 | 102.0 | 102.9 | 103.0 | 102.1 |
| Primary metal industries | 99.8 | 100.6 | 99.2 | 100.4 | 100.9 | 100.4 |
| Blast furnaces and basic steel products | 99.6 | 100.4 | 100.4 | 100.9 | 100.7 | 99.9 |
| Fabricated metal products | 99.8 | 100.6 | 99.1 | 100.3 | 101.2 | 101.1 |
| Industrial machinery and equipment | 100.4 | 100.4 | 99.1 | 99.2 | 99.9 | 99.6 |
| Electronic and other electrical equipment | 99.9 | 100.6 | 99.4 | 100.0 | 100.4 | 100.6 |
| Transportation equipment | 100.9 | 101.0 | 99.3 | 99.5 | 100.9 | 100.4 |
| Motor vehicles and equipment | 102.0 | 102.0 | 99.3 | 99.9 | 101.7 | 100.8 |
| Instruments and related products ³ | 99.8 | 100.2 | 99.7 | 100.1 | 100.1 | 100.1 |
| Miscellaneous manufacturing | 99.6 | 100.2 | 98.1 | 101.0 | 102.0 | 102.8 |
| Nondurable goods² | | | | | | |
| Food and kindred products | 96.9 | 99.9 | 102.8 | 106.5 | 106.6 | 103.6 |
| Tobacco products | 89.5 | 90.1 | 90.6 | 104.0 | 108.3 | 107.3 |
| Textile mill products | 99.8 | 100.6 | 99.1 | 100.7 | 101.1 | 100.5 |
| Apparel and other textile products | 100.2 | 100.9 | 97.7 | 100.4 | 100.8 | 101.1 |
| Paper and allied products | 99.5 | 100.9 | 100.6 | 100.9 | 100.7 | 100.3 |
| Printing and publishing | 100.0 | 99.9 | 99.5 | 99.6 | 99.6 | 99.8 |
| Chemicals and allied products | 100.0 | 101.0 | 100.3 | 101.1 | 100.2 | 99.9 |
| Petroleum and coal products | 100.8 | 102.8 | 102.9 | 103.2 | 102.1 | 101.7 |
| Rubber and misc. plastics products | 99.8 | 101.0 | 99.1 | 100.5 | 100.8 | 101.2 |
| Leather and leather products | 100.0 | 101.4 | 96.0 | 102.0 | 102.5 | 101.9 |
| Transportation and public utilities | 99.9 | 100.7 | 99.9 | 100.0 | 101.1 | 101.1 |
| Wholesale trade | 100.1 | 100.9 | 100.8 | 100.7 | 100.4 | 100.5 |
| Retail trade | 100.0 | 101.0 | 100.7 | 101.0 | 100.5 | 100.1 |
| Finance, insurance, and real estate | 100.1 | 101.3 | 101.6 | 101.5 | 100.1 | 99.6 |
| Services | 100.2 | 100.9 | 100.8 | 100.6 | 100.4 | 100.5 |

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

² Seasonally adjusted data are derived by aggregation of the component series.

³ No ARIMA models were identified to extend the unadjusted series for one year. Factors shown are projected using X-11 without the ARIMA option.

Table 10. Seasonal adjustment factors for average weekly hours of production or nonsupervisory workers¹ on private nonfarm payrolls by industry

| Industry | 1993 | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|
| | May | June | July | Aug. | Sept. | Oct. |
| Total private² | | | | | | |
| Mining | 99.3 | 99.9 | 98.2 | 100.6 | 100.8 | 100.8 |
| Construction | (³) | (³) | (³) | (³) | (³) | (³) |
| Manufacturing² | | | | | | |
| Durable goods² | | | | | | |
| Lumber and wood products | 100.6 | 101.1 | 99.7 | 101.0 | 100.5 | 100.5 |
| Furniture and fixtures | 99.2 | 100.4 | 99.5 | 100.6 | 100.7 | 100.5 |
| Stone, clay, and glass products | 100.8 | 101.4 | 100.8 | 101.4 | 101.5 | 101.8 |
| Primary metal industries ⁴ | 100.0 | 100.9 | 100.0 | 99.8 | 100.8 | 99.9 |
| Blast furnaces and basic steel products | 99.8 | 101.0 | 101.0 | 100.8 | 99.9 | 99.8 |
| Fabricated metal products | 100.0 | 100.7 | 98.7 | 100.0 | 99.3 | 100.7 |
| Industrial machinery and equipment | 99.7 | 100.1 | 98.8 | 99.1 | 99.5 | 99.9 |
| Electronic and other electrical equipment | 99.4 | 100.3 | 98.3 | 99.3 | 99.1 | 100.1 |
| Transportation equipment | 100.6 | 101.3 | 98.8 | 99.3 | 98.3 | 100.8 |
| Motor vehicles and equipment | 101.7 | 102.8 | 98.9 | 99.4 | 99.0 | 101.4 |
| Instruments and related products | 99.3 | 100.2 | 98.1 | 99.3 | 99.5 | 99.8 |
| Miscellaneous manufacturing | 99.5 | 100.1 | 98.4 | 100.1 | 99.9 | 101.6 |
| Nondurable goods² | | | | | | |
| Food and kindred products | 99.4 | 99.7 | 99.4 | 101.4 | 101.9 | 101.0 |
| Tobacco products | (³) | (³) | (³) | (³) | (³) | (³) |
| Textile mill products | 99.7 | 101.3 | 99.1 | 101.0 | 100.9 | 101.0 |
| Apparel and other textile products ⁵ | 99.7 | 100.8 | 99.3 | 100.4 | 100.3 | 100.7 |
| Paper and allied products | 99.5 | 100.1 | 99.5 | 99.7 | 100.6 | 100.4 |
| Printing and publishing ⁴ | 98.9 | 98.9 | 99.0 | 100.6 | 101.3 | 100.3 |
| Chemicals and allied products | 99.5 | 100.0 | 99.0 | 99.3 | 101.0 | 99.6 |
| Petroleum and coal products | (³) | (³) | (³) | (³) | (³) | (³) |
| Rubber and misc. plastics products | 100.1 | 100.8 | 98.6 | 99.8 | 99.9 | 100.2 |
| Leather and leather products | 100.1 | 102.2 | 100.5 | 100.5 | 99.0 | 99.9 |
| Transportation and public utilities^{4, 5} | 99.9 | 100.8 | 101.1 | 100.8 | 100.5 | 100.1 |
| Wholesale trade | 100.1 | 100.2 | 100.2 | 100.3 | 100.4 | 100.2 |
| Retail trade⁴ | 99.8 | 101.0 | 102.8 | 102.6 | 100.4 | 99.5 |
| Finance, insurance, and real estate | (³) | (³) | (³) | (³) | (³) | (³) |
| Services⁴ | 99.6 | 100.2 | 100.9 | 101.1 | 100.2 | 99.8 |

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

² Seasonally adjusted data are derived by aggregation of the component series.

³ Seasonal adjustment factors are not computed because the seasonal component is small relative to the trend-cycle and/or irregular components and

consequently cannot be separated with sufficient precision.

⁴ No moving-holiday adjustment was done for September because there was no evidence of significant effects associated with the relative timing of Labor Day and the reference period of the payroll survey.

⁵ No ARIMA models were identified to extend the unadjusted series for one year. Factors shown are projected using X-11 without the ARIMA option.

Table 11. Seasonal adjustment factors for average weekly overtime hours of production workers on manufacturing payrolls

| Industry group | 1993 | | | | | |
|---|------|-------|------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. |
| Manufacturing¹ | | | | | | |
| Durable goods | 98.0 | 102.6 | 97.5 | 103.9 | 106.4 | 105.1 |
| Nondurable goods² | 93.8 | 100.6 | 99.4 | 107.9 | 113.1 | 106.1 |

¹ Seasonally adjusted data are derived by aggregation of the component series.

² No moving-holiday adjustment was done for September because there was no evidence of

significant effects associated with the relative timing of Labor Day and the reference period of the payroll survey.

Table 12. Seasonal adjustment factors for average hourly earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by industry

| Industry division | 1993 | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. |
| Total private² | | | | | | |
| Mining | 99.7 | 100.0 | 99.8 | 99.3 | 100.2 | 99.0 |
| Construction | 99.8 | 99.4 | 99.7 | 100.3 | 100.8 | 100.8 |
| Manufacturing | 100.1 | 100.1 | 100.1 | 99.5 | 100.2 | 99.8 |
| Excluding overtime | 100.3 | 100.0 | 100.0 | 99.3 | 99.8 | 99.6 |
| Transportation and public utilities | 99.6 | 99.5 | 99.9 | 100.0 | 100.5 | 100.1 |
| Wholesale trade³ | 99.9 | 99.7 | 99.8 | 99.4 | 100.2 | 99.7 |
| Retail trade | 99.9 | 99.7 | 99.5 | 99.2 | 100.4 | 100.1 |
| Finance, insurance, and real estate³ | 100.0 | 99.5 | 99.5 | 98.9 | 100.0 | 99.7 |
| Services³ | 99.8 | 99.1 | 98.8 | 98.6 | 100.1 | 100.0 |

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

² Seasonally adjusted data are derived by aggregation of the component series.

³ No ARIMA models were identified to extend the unadjusted series for one year. Factors shown are projected using X-11 without the ARIMA option.

**HOUSEHOLD DATA
HISTORICAL**

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

(Numbers in thousands)

| Year and month | Noninstitutional population | Labor force | | | | | | | | | Not in labor force | |
|--|-----------------------------|-------------|-----------------------|----------|-----------------------|----------|-------------|----------------------------|--------|------------------------|--------------------|--|
| | | Number | Percent of population | Employed | | | | | | Unemployed | | |
| | | | | Total | Resident Armed Forces | Civilian | | | Number | Percent of labor force | | |
| | | | | | | Total | Agriculture | Nonagricultural industries | | | | |
| Annual averages | | | | | | | | | | | | |
| 1960 ¹ | 119,106 | 71,489 | 60.0 | 67,639 | 1,861 | 65,778 | 5,458 | 60,318 | 3,852 | 5.4 | 47,617 | |
| 1961 | 120,671 | 72,359 | 60.0 | 67,646 | 1,900 | 65,746 | 5,200 | 60,546 | 4,714 | 6.5 | 48,312 | |
| 1962 ² | 122,214 | 72,675 | 59.5 | 68,763 | 2,061 | 66,702 | 4,944 | 61,759 | 3,911 | 5.4 | 49,539 | |
| 1963 | 124,422 | 73,839 | 59.3 | 69,768 | 2,006 | 67,762 | 4,687 | 63,076 | 4,070 | 5.5 | 50,583 | |
| 1964 | 126,503 | 75,109 | 59.4 | 71,323 | 2,018 | 69,305 | 4,523 | 64,782 | 3,786 | 5.0 | 51,394 | |
| 1965 | 128,459 | 76,401 | 59.5 | 73,034 | 1,946 | 71,088 | 4,381 | 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 | 3,606 | 74,296 | 2,832 | 3.4 | 53,602 | |
| 1970 | 139,203 | 84,889 | 61.0 | 80,796 | 2,118 | 78,678 | 3,463 | 75,215 | 4,093 | 4.8 | 54,315 | |
| 1971 | 142,189 | 86,355 | 60.7 | 81,340 | 1,973 | 79,367 | 3,394 | 75,972 | 5,016 | 5.8 | 55,834 | |
| 1972 ¹ | 145,939 | 88,847 | 60.9 | 83,966 | 1,813 | 82,153 | 3,484 | 78,669 | 4,882 | 5.5 | 57,091 | |
| 1973 ¹ | 148,870 | 91,203 | 61.3 | 86,838 | 1,774 | 85,064 | 3,470 | 81,594 | 4,365 | 4.8 | 57,667 | |
| 1974 | 151,841 | 93,670 | 61.7 | 88,515 | 1,721 | 86,794 | 3,515 | 83,279 | 5,156 | 5.5 | 58,171 | |
| 1975 | 154,831 | 95,453 | 61.6 | 87,524 | 1,678 | 85,846 | 3,408 | 82,438 | 7,929 | 8.3 | 59,377 | |
| 1976 | 157,818 | 97,826 | 62.0 | 90,420 | 1,668 | 88,752 | 3,331 | 85,421 | 7,406 | 7.6 | 59,991 | |
| 1977 | 160,689 | 100,665 | 62.6 | 93,673 | 1,656 | 92,017 | 3,283 | 88,734 | 6,991 | 6.9 | 60,025 | |
| 1978 ¹ | 163,541 | 103,882 | 63.5 | 97,679 | 1,631 | 96,048 | 3,387 | 92,661 | 6,202 | 6.0 | 59,659 | |
| 1979 | 166,460 | 106,559 | 64.0 | 100,421 | 1,597 | 98,824 | 3,347 | 95,477 | 6,137 | 5.8 | 59,900 | |
| 1980 | 169,349 | 108,544 | 64.1 | 100,907 | 1,604 | 99,303 | 3,364 | 95,938 | 7,637 | 7.0 | 60,806 | |
| 1981 | 171,775 | 110,315 | 64.2 | 102,042 | 1,645 | 100,397 | 3,368 | 97,030 | 8,273 | 7.5 | 61,460 | |
| 1982 | 173,939 | 111,872 | 64.3 | 101,194 | 1,668 | 99,526 | 3,401 | 96,125 | 10,678 | 9.5 | 62,067 | |
| 1983 | 175,891 | 113,226 | 64.4 | 102,510 | 1,676 | 100,834 | 3,383 | 97,450 | 10,717 | 9.5 | 62,665 | |
| 1984 | 178,080 | 115,241 | 64.7 | 106,702 | 1,697 | 105,005 | 3,321 | 101,685 | 8,539 | 7.4 | 62,839 | |
| 1985 | 179,912 | 117,167 | 65.1 | 108,856 | 1,706 | 107,150 | 3,179 | 103,971 | 8,312 | 7.1 | 62,744 | |
| 1986 ¹ | 182,293 | 119,540 | 65.6 | 111,303 | 1,706 | 109,597 | 3,163 | 106,434 | 8,237 | 6.9 | 62,752 | |
| 1987 | 184,490 | 121,602 | 65.9 | 114,177 | 1,737 | 112,440 | 3,208 | 109,232 | 7,425 | 6.1 | 62,888 | |
| 1988 | 186,322 | 123,378 | 66.2 | 116,677 | 1,709 | 114,968 | 3,169 | 111,800 | 6,701 | 5.4 | 62,944 | |
| 1989 | 188,081 | 125,557 | 66.8 | 119,030 | 1,688 | 117,342 | 3,199 | 114,142 | 6,528 | 5.2 | 62,523 | |
| 1990 | 189,686 | 126,424 | 66.6 | 119,550 | 1,637 | 117,914 | 3,186 | 114,728 | 6,874 | 5.4 | 63,262 | |
| 1991 | 191,329 | 126,867 | 66.3 | 118,440 | 1,564 | 116,877 | 3,233 | 113,644 | 8,426 | 6.6 | 64,462 | |
| 1992 | 193,142 | 128,548 | 66.6 | 119,164 | 1,566 | 117,598 | 3,207 | 114,391 | 9,384 | 7.3 | 64,593 | |
| Monthly data, seasonally adjusted² | | | | | | | | | | | | |
| 1992: | | | | | | | | | | | | |
| May | 192,881 | 128,613 | 66.7 | 119,154 | 1,574 | 117,580 | 3,186 | 114,394 | 9,459 | 7.4 | 64,268 | |
| June | 193,025 | 128,868 | 66.8 | 119,080 | 1,570 | 117,510 | 3,244 | 114,266 | 9,788 | 7.6 | 64,157 | |
| July | 193,190 | 128,918 | 66.7 | 119,290 | 1,568 | 117,722 | 3,207 | 114,515 | 9,628 | 7.5 | 64,272 | |
| August | 193,356 | 128,970 | 66.7 | 119,346 | 1,566 | 117,780 | 3,218 | 114,562 | 9,624 | 7.5 | 64,386 | |
| September | 193,513 | 128,840 | 66.6 | 119,290 | 1,566 | 117,724 | 3,221 | 114,503 | 9,550 | 7.4 | 64,673 | |
| October | 193,683 | 128,618 | 66.4 | 119,239 | 1,552 | 117,687 | 3,169 | 114,518 | 9,379 | 7.3 | 65,065 | |
| November | 193,847 | 128,896 | 66.5 | 119,595 | 1,531 | 118,064 | 3,209 | 114,855 | 9,301 | 7.2 | 64,951 | |
| December | 194,026 | 129,108 | 66.5 | 119,828 | 1,517 | 118,311 | 3,262 | 115,049 | 9,280 | 7.2 | 64,918 | |
| 1993: | | | | | | | | | | | | |
| January | 194,159 | 128,598 | 66.2 | 119,586 | 1,515 | 118,071 | 3,191 | 114,879 | 9,013 | 7.0 | 65,561 | |
| February | 194,298 | 128,839 | 66.3 | 119,963 | 1,512 | 118,451 | 3,116 | 115,335 | 8,876 | 6.9 | 65,459 | |
| March | 194,456 | 128,926 | 66.3 | 120,062 | 1,497 | 118,565 | 3,082 | 115,483 | 8,864 | 6.9 | 65,530 | |
| April | 194,618 | 128,833 | 66.2 | 119,908 | 1,492 | 118,416 | 3,060 | 115,356 | 8,925 | 6.9 | 65,785 | |
| May | 194,767 | 129,615 | 66.5 | 120,757 | 1,484 | 119,273 | 3,070 | 116,203 | 8,858 | 6.8 | 65,152 | |

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

² The population and Armed Forces figures are not adjusted for

seasonal variation.

NOTE: Revisions of seasonally adjusted monthly and quarterly data (shown in tables A-1 through A-3 and A-32 through A-53) for the most recent 5-year period are made at the end of each calendar year.

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

(Numbers in thousands)

| Sex, year, and month | Noninstitutional population | Labor force | | | | | | | | | Not in labor force | |
|--|-----------------------------|-------------|-----------------------|----------|-----------------------|----------|-------------|----------------------------|--------|------------------------|--------------------|--|
| | | Number | Percent of population | Employed | | | | | | Unemployed | | |
| | | | | Total | Resident Armed Forces | Civilian | | | Number | Percent of labor force | | |
| | | | | | | Total | Agriculture | Nonagricultural industries | | | | |
| Annual averages | | | | | | | | | | | | |
| MEN | | | | | | | | | | | | |
| 1982 | 83,052 | 63,979 | 77.0 | 57,800 | 1,529 | 56,271 | 2,736 | 53,534 | 6,179 | 9.7 | 19,073 | |
| 1983 | 84,064 | 64,580 | 76.8 | 58,320 | 1,533 | 56,787 | 2,704 | 54,083 | 6,260 | 9.7 | 19,484 | |
| 1984 | 85,156 | 65,386 | 76.8 | 60,642 | 1,551 | 59,091 | 2,668 | 56,423 | 4,744 | 7.3 | 19,771 | |
| 1985 | 86,025 | 65,967 | 76.7 | 61,447 | 1,556 | 59,891 | 2,535 | 57,356 | 4,521 | 6.9 | 20,058 | |
| 1986 ¹ | 87,349 | 66,973 | 76.7 | 62,443 | 1,551 | 60,892 | 2,511 | 58,381 | 4,530 | 6.8 | 20,376 | |
| 1987 | 88,476 | 67,784 | 76.6 | 63,684 | 1,577 | 62,107 | 2,543 | 59,564 | 4,101 | 6.1 | 20,682 | |
| 1988 | 89,404 | 68,474 | 76.6 | 64,820 | 1,547 | 63,273 | 2,493 | 60,780 | 3,655 | 5.3 | 20,930 | |
| 1989 | 90,283 | 69,360 | 76.8 | 65,835 | 1,520 | 64,315 | 2,513 | 61,802 | 3,525 | 5.1 | 20,923 | |
| 1990 | 91,122 | 69,705 | 76.5 | 65,906 | 1,472 | 64,435 | 2,507 | 61,928 | 3,799 | 5.4 | 21,417 | |
| 1991 | 91,951 | 69,810 | 75.9 | 64,992 | 1,399 | 63,593 | 2,552 | 61,041 | 4,817 | 6.9 | 22,141 | |
| 1992 | 92,945 | 70,588 | 75.9 | 65,209 | 1,404 | 63,805 | 2,534 | 61,270 | 5,380 | 7.6 | 22,356 | |
| Monthly data, seasonally adjusted² | | | | | | | | | | | | |
| 1992: | | | | | | | | | | | | |
| May | 92,806 | 70,741 | 76.2 | 65,244 | 1,414 | 63,830 | 2,530 | 61,300 | 5,497 | 7.8 | 22,065 | |
| June | 92,882 | 70,827 | 76.3 | 65,161 | 1,410 | 63,751 | 2,539 | 61,212 | 5,666 | 8.0 | 22,055 | |
| July | 92,971 | 70,723 | 76.1 | 65,238 | 1,408 | 63,830 | 2,545 | 61,285 | 5,485 | 7.8 | 22,248 | |
| August | 93,061 | 70,840 | 76.1 | 65,309 | 1,408 | 63,901 | 2,547 | 61,354 | 5,531 | 7.8 | 22,221 | |
| September | 93,146 | 70,860 | 76.1 | 65,383 | 1,407 | 63,976 | 2,573 | 61,403 | 5,477 | 7.7 | 22,286 | |
| October | 93,238 | 70,728 | 75.9 | 65,318 | 1,394 | 63,924 | 2,550 | 61,374 | 5,410 | 7.6 | 22,510 | |
| November | 93,324 | 70,708 | 75.8 | 65,416 | 1,373 | 64,043 | 2,541 | 61,502 | 5,292 | 7.5 | 22,616 | |
| December | 93,420 | 70,754 | 75.7 | 65,554 | 1,360 | 64,194 | 2,593 | 61,601 | 5,200 | 7.3 | 22,666 | |
| 1993: | | | | | | | | | | | | |
| January | 93,488 | 70,473 | 75.4 | 65,544 | 1,358 | 64,186 | 2,534 | 61,651 | 4,929 | 7.0 | 23,015 | |
| February | 93,563 | 70,690 | 75.6 | 65,693 | 1,355 | 64,338 | 2,521 | 61,817 | 4,997 | 7.1 | 22,873 | |
| March | 93,646 | 70,835 | 75.6 | 65,674 | 1,342 | 64,332 | 2,434 | 61,899 | 5,160 | 7.3 | 22,811 | |
| April | 93,731 | 70,773 | 75.5 | 65,694 | 1,338 | 64,356 | 2,462 | 61,893 | 5,079 | 7.2 | 22,958 | |
| May | 93,809 | 71,047 | 75.7 | 66,056 | 1,330 | 64,726 | 2,450 | 62,276 | 4,992 | 7.0 | 22,762 | |
| Annual averages | | | | | | | | | | | | |
| WOMEN | | | | | | | | | | | | |
| 1982 | 90,887 | 47,894 | 52.7 | 43,395 | 139 | 43,256 | 665 | 42,591 | 4,499 | 9.4 | 42,993 | |
| 1983 | 91,827 | 48,646 | 53.0 | 44,190 | 143 | 44,047 | 660 | 43,367 | 4,457 | 9.2 | 43,181 | |
| 1984 | 92,924 | 49,855 | 53.7 | 46,061 | 146 | 45,915 | 653 | 45,262 | 3,794 | 7.6 | 43,068 | |
| 1985 | 93,886 | 51,200 | 54.5 | 47,409 | 150 | 47,259 | 644 | 46,615 | 3,791 | 7.4 | 42,686 | |
| 1986 | 94,944 | 52,568 | 55.4 | 48,861 | 155 | 48,706 | 652 | 48,054 | 3,707 | 7.1 | 42,376 | |
| 1986 ¹ | 98,013 | 53,818 | 56.1 | 50,494 | 160 | 50,334 | 666 | 49,668 | 3,324 | 6.2 | 42,195 | |
| 1988 | 96,918 | 54,904 | 56.6 | 51,858 | 162 | 51,696 | 676 | 51,020 | 3,046 | 5.5 | 42,014 | |
| 1989 | 97,798 | 56,198 | 57.5 | 53,195 | 168 | 53,027 | 687 | 52,341 | 3,003 | 5.3 | 41,601 | |
| 1990 | 98,584 | 56,719 | 57.5 | 53,644 | 165 | 53,479 | 679 | 52,800 | 3,075 | 5.4 | 41,845 | |
| 1991 | 99,378 | 57,057 | 57.4 | 53,448 | 164 | 53,284 | 682 | 52,602 | 3,609 | 6.3 | 42,321 | |
| 1992 | 100,197 | 57,960 | 57.8 | 53,955 | 162 | 53,793 | 673 | 53,121 | 4,005 | 6.9 | 42,237 | |
| Monthly data, seasonally adjusted² | | | | | | | | | | | | |
| 1992: | | | | | | | | | | | | |
| May | 100,075 | 57,872 | 57.8 | 53,910 | 160 | 53,750 | 656 | 53,094 | 3,962 | 6.8 | 42,203 | |
| June | 100,142 | 58,041 | 58.0 | 53,919 | 160 | 53,759 | 705 | 53,054 | 4,122 | 7.1 | 42,101 | |
| July | 100,220 | 58,195 | 58.1 | 54,052 | 160 | 53,892 | 662 | 53,230 | 4,143 | 7.1 | 42,025 | |
| August | 100,295 | 58,130 | 58.0 | 54,037 | 158 | 53,879 | 671 | 53,208 | 4,093 | 7.0 | 42,165 | |
| September | 100,367 | 57,980 | 57.8 | 53,907 | 159 | 53,748 | 648 | 53,100 | 4,073 | 7.0 | 42,387 | |
| October | 100,445 | 57,890 | 57.6 | 53,921 | 158 | 53,783 | 619 | 53,144 | 3,969 | 6.9 | 42,555 | |
| November | 100,523 | 58,188 | 57.9 | 54,179 | 158 | 54,021 | 668 | 53,353 | 4,009 | 6.9 | 42,335 | |
| December | 100,606 | 58,354 | 58.0 | 54,274 | 157 | 54,117 | 669 | 53,448 | 4,080 | 7.0 | 42,252 | |
| 1993: | | | | | | | | | | | | |
| January | 100,671 | 58,125 | 57.7 | 54,042 | 157 | 53,885 | 657 | 53,228 | 4,083 | 7.0 | 42,546 | |
| February | 100,734 | 58,149 | 57.7 | 54,271 | 157 | 54,114 | 596 | 53,518 | 3,879 | 6.7 | 42,585 | |
| March | 100,809 | 58,091 | 57.6 | 54,388 | 155 | 54,233 | 649 | 53,584 | 3,704 | 6.4 | 42,718 | |
| April | 100,887 | 58,061 | 57.6 | 54,214 | 154 | 54,060 | 598 | 53,462 | 3,846 | 6.6 | 42,826 | |
| May | 100,959 | 58,567 | 58.0 | 54,701 | 154 | 54,547 | 620 | 53,927 | 3,866 | 6.6 | 42,392 | |

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

(Numbers in thousands)

| Year and month | Civilian noninstitutional population | Civilian labor force | | | | Unemployment rates | | |
|--|--------------------------------------|----------------------|-----------------------|----------|------------|--------------------|-----|-------|
| | | Total | Percent of population | Employed | Unemployed | Total | Men | Women |
| Annual averages | | | | | | | | |
| 1960 ¹ | 117,245 | 69,628 | 59.4 | 65,778 | 3,852 | 5.5 | 5.4 | 5.9 |
| 1961 | 118,771 | 70,459 | 59.3 | 65,746 | 4,714 | 6.7 | 6.4 | 7.2 |
| 1962 ² | 120,153 | 70,614 | 58.8 | 66,702 | 3,911 | 5.5 | 5.2 | 6.2 |
| 1963 | 122,416 | 71,833 | 58.7 | 67,762 | 4,070 | 5.7 | 5.2 | 6.5 |
| 1964 | 124,485 | 73,091 | 58.7 | 69,305 | 3,786 | 5.2 | 4.6 | 6.2 |
| 1965 | 126,513 | 74,455 | 58.9 | 71,088 | 3,366 | 4.5 | 4.0 | 5.5 |
| 1966 | 128,058 | 75,770 | 59.2 | 72,895 | 2,875 | 3.8 | 3.2 | 4.8 |
| 1967 | 129,874 | 77,347 | 59.6 | 74,372 | 2,975 | 3.8 | 3.1 | 5.2 |
| 1968 | 132,028 | 78,737 | 59.6 | 75,920 | 2,817 | 3.6 | 2.9 | 4.8 |
| 1969 | 134,335 | 80,734 | 60.1 | 77,902 | 2,832 | 3.5 | 2.8 | 4.7 |
| 1970 | 137,085 | 82,771 | 60.4 | 78,678 | 4,093 | 4.9 | 4.4 | 5.9 |
| 1971 | 140,216 | 84,382 | 60.2 | 79,367 | 5,016 | 5.9 | 5.3 | 6.9 |
| 1972 ² | 144,126 | 87,034 | 60.4 | 82,153 | 4,882 | 5.6 | 5.0 | 6.6 |
| 1973 ² | 147,096 | 89,429 | 60.8 | 85,064 | 4,365 | 4.9 | 4.2 | 6.0 |
| 1974 | 150,120 | 91,949 | 61.3 | 86,794 | 5,156 | 5.6 | 4.9 | 6.7 |
| 1975 | 153,153 | 93,775 | 61.2 | 85,846 | 7,929 | 8.5 | 7.9 | 9.3 |
| 1976 | 156,150 | 96,158 | 61.6 | 88,752 | 7,406 | 7.7 | 7.1 | 8.6 |
| 1977 | 159,033 | 99,009 | 62.3 | 92,017 | 6,991 | 7.1 | 6.3 | 8.2 |
| 1978 ¹ | 161,910 | 102,251 | 63.2 | 96,048 | 6,202 | 6.1 | 5.3 | 7.2 |
| 1979 | 164,863 | 104,962 | 63.7 | 98,824 | 6,137 | 5.8 | 5.1 | 6.8 |
| 1980 | 167,745 | 106,940 | 63.8 | 99,303 | 7,637 | 7.1 | 6.9 | 7.4 |
| 1981 | 170,130 | 108,670 | 63.9 | 100,397 | 8,273 | 7.6 | 7.4 | 7.9 |
| 1982 | 172,271 | 110,204 | 64.0 | 99,526 | 10,678 | 9.7 | 9.9 | 9.4 |
| 1983 | 174,215 | 111,550 | 64.0 | 100,834 | 10,717 | 9.6 | 9.9 | 9.2 |
| 1984 | 176,383 | 113,544 | 64.4 | 105,005 | 8,539 | 7.5 | 7.4 | 7.6 |
| 1985 | 178,206 | 115,461 | 64.8 | 107,150 | 8,312 | 7.2 | 7.0 | 7.4 |
| 1986 ¹ | 180,587 | 117,834 | 65.3 | 109,597 | 8,237 | 7.0 | 6.9 | 7.1 |
| 1987 | 182,753 | 119,865 | 65.6 | 112,440 | 7,425 | 6.2 | 6.2 | 6.2 |
| 1988 | 184,613 | 121,669 | 65.9 | 114,968 | 6,701 | 5.5 | 5.5 | 5.6 |
| 1989 | 186,393 | 123,869 | 66.5 | 117,342 | 6,528 | 5.3 | 5.2 | 5.4 |
| 1990 | 188,049 | 124,787 | 66.4 | 117,914 | 6,874 | 5.5 | 5.6 | 5.4 |
| 1991 | 189,765 | 125,303 | 66.0 | 116,877 | 8,426 | 6.7 | 7.0 | 6.3 |
| 1992 | 191,576 | 126,982 | 66.3 | 117,598 | 9,384 | 7.4 | 7.8 | 6.9 |
| Monthly data, seasonally adjusted ² | | | | | | | | |
| 1992: | | | | | | | | |
| May | 191,307 | 127,039 | 66.4 | 117,580 | 9,459 | 7.4 | 7.9 | 6.9 |
| June | 191,455 | 127,298 | 66.5 | 117,510 | 9,788 | 7.7 | 8.2 | 7.1 |
| July | 191,622 | 127,350 | 66.5 | 117,722 | 9,628 | 7.6 | 7.9 | 7.1 |
| August | 191,790 | 127,404 | 66.4 | 117,780 | 9,624 | 7.6 | 8.0 | 7.1 |
| September | 191,947 | 127,274 | 66.3 | 117,724 | 9,550 | 7.5 | 7.9 | 7.0 |
| October | 192,131 | 127,066 | 66.1 | 117,687 | 9,379 | 7.4 | 7.8 | 6.9 |
| November | 192,316 | 127,365 | 66.2 | 118,064 | 9,301 | 7.3 | 7.6 | 6.9 |
| December | 192,509 | 127,591 | 66.3 | 118,311 | 9,280 | 7.3 | 7.5 | 7.0 |
| 1993: | | | | | | | | |
| January | 192,644 | 127,083 | 66.0 | 118,071 | 9,013 | 7.1 | 7.1 | 7.0 |
| February | 192,786 | 127,327 | 66.0 | 118,451 | 8,876 | 7.0 | 7.2 | 6.7 |
| March | 192,959 | 127,429 | 66.0 | 118,565 | 8,864 | 7.0 | 7.4 | 6.4 |
| April | 193,126 | 127,341 | 65.9 | 118,416 | 8,925 | 7.0 | 7.3 | 6.6 |
| May | 193,283 | 128,131 | 66.3 | 119,273 | 8,858 | 6.9 | 7.2 | 6.6 |

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.

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

(Numbers in thousands)

| Age, sex, and race | May 1993 | | | | | | | | | | |
|-------------------------|--------------------------------------|----------------------|-----------------------|----------|------------|------------------------|--------------------|---------------|-----------------|----------------|---------------|
| | Civilian noninstitutional population | Civilian labor force | | | | | Not in labor force | | | | |
| | | Total | Percent of population | Employed | Unemployed | | Total | Keeping house | Going to school | Unable to work | Other reasons |
| | | | | | Number | Percent of labor force | | | | | |
| TOTAL | | | | | | | | | | | |
| 16 years and over | 193,283 | 127,807 | 66.1 | 119,201 | 8,606 | 6.7 | 65,476 | 24,257 | 8,691 | 4,116 | 28,412 |
| 16 to 19 years | 13,203 | 6,683 | 50.6 | 5,299 | 1,384 | 20.7 | 6,520 | 353 | 5,636 | 24 | 507 |
| 16 to 17 years | 6,691 | 2,639 | 39.4 | 2,062 | 578 | 21.9 | 4,052 | 88 | 3,774 | 1 | 187 |
| 18 to 19 years | 6,513 | 4,044 | 62.1 | 3,238 | 806 | 19.9 | 2,469 | 264 | 1,862 | 23 | 320 |
| 20 to 24 years | 17,657 | 13,610 | 77.1 | 12,021 | 1,589 | 11.7 | 4,047 | 1,384 | 1,805 | 120 | 737 |
| 25 to 54 years | 110,306 | 92,044 | 83.4 | 87,046 | 4,998 | 5.4 | 18,262 | 11,273 | 1,210 | 1,842 | 3,937 |
| 25 to 34 years | 41,374 | 34,449 | 83.3 | 32,259 | 2,191 | 6.4 | 6,925 | 4,424 | 792 | 423 | 1,286 |
| 25 to 29 years | 19,256 | 15,978 | 83.0 | 14,900 | 1,078 | 6.7 | 3,278 | 2,002 | 500 | 153 | 623 |
| 30 to 34 years | 22,118 | 18,472 | 83.5 | 17,359 | 1,113 | 6.0 | 3,646 | 2,423 | 291 | 270 | 662 |
| 35 to 44 years | 40,216 | 34,198 | 85.0 | 32,480 | 1,719 | 5.0 | 6,018 | 3,922 | 302 | 595 | 1,198 |
| 35 to 39 years | 21,374 | 18,103 | 84.7 | 17,115 | 988 | 5.5 | 3,271 | 2,238 | 175 | 264 | 595 |
| 40 to 44 years | 18,842 | 16,096 | 85.4 | 15,364 | 731 | 4.5 | 2,746 | 1,685 | 127 | 331 | 604 |
| 45 to 54 years | 28,716 | 23,396 | 81.5 | 22,308 | 1,088 | 4.7 | 5,320 | 2,926 | 117 | 824 | 1,453 |
| 45 to 49 years | 15,869 | 13,291 | 83.8 | 12,686 | 606 | 4.6 | 2,578 | 1,424 | 83 | 386 | 685 |
| 50 to 54 years | 12,847 | 10,105 | 78.7 | 9,622 | 483 | 4.8 | 2,742 | 1,503 | 34 | 437 | 768 |
| 55 to 64 years | 20,971 | 11,959 | 57.0 | 11,418 | 541 | 4.5 | 9,012 | 3,628 | 26 | 810 | 4,548 |
| 55 to 59 years | 10,749 | 7,258 | 67.5 | 6,911 | 348 | 4.8 | 3,491 | 1,684 | 22 | 436 | 1,349 |
| 60 to 64 years | 10,222 | 4,701 | 46.0 | 4,508 | 193 | 4.1 | 5,521 | 1,944 | 4 | 374 | 3,199 |
| 65 years and over | 31,146 | 3,510 | 11.3 | 3,416 | 95 | 2.7 | 27,636 | 7,619 | 13 | 1,320 | 18,683 |
| 65 to 69 years | 10,074 | 2,026 | 20.1 | 1,978 | 48 | 2.4 | 8,048 | 2,342 | 2 | 323 | 5,381 |
| 70 to 74 years | 8,548 | 954 | 11.2 | 928 | 26 | 2.7 | 7,594 | 2,088 | 2 | 245 | 5,260 |
| 75 years and over | 12,524 | 531 | 4.2 | 511 | 20 | 3.8 | 11,994 | 3,189 | 10 | 753 | 8,042 |
| Men | | | | | | | | | | | |
| 16 years and over | 92,479 | 69,572 | 75.2 | 64,714 | 4,858 | 7.0 | 22,907 | 690 | 4,326 | 2,176 | 15,715 |
| 16 to 19 years | 6,663 | 3,439 | 51.6 | 2,706 | 733 | 21.3 | 3,224 | 22 | 2,903 | 20 | 279 |
| 16 to 17 years | 3,408 | 1,387 | 40.7 | 1,067 | 320 | 23.1 | 2,021 | 11 | 1,918 | 2 | 90 |
| 18 to 19 years | 3,255 | 2,052 | 63.0 | 1,639 | 412 | 20.1 | 1,203 | 12 | 985 | 18 | 189 |
| 20 to 24 years | 8,640 | 7,158 | 82.9 | 6,261 | 897 | 12.5 | 1,482 | 49 | 951 | 68 | 413 |
| 25 to 54 years | 54,150 | 50,170 | 92.7 | 47,351 | 2,820 | 5.6 | 3,979 | 354 | 454 | 1,162 | 2,009 |
| 25 to 34 years | 20,433 | 19,087 | 93.4 | 17,844 | 1,243 | 6.5 | 1,346 | 127 | 316 | 279 | 625 |
| 25 to 29 years | 9,469 | 8,789 | 92.8 | 8,178 | 611 | 7.0 | 680 | 66 | 217 | 101 | 296 |
| 30 to 34 years | 10,965 | 10,298 | 93.9 | 9,667 | 631 | 6.1 | 666 | 60 | 98 | 178 | 329 |
| 35 to 44 years | 19,774 | 18,570 | 93.9 | 17,594 | 976 | 5.3 | 1,204 | 130 | 92 | 367 | 615 |
| 35 to 39 years | 10,538 | 9,933 | 94.3 | 9,368 | 565 | 5.7 | 605 | 88 | 53 | 155 | 309 |
| 40 to 44 years | 9,236 | 8,637 | 93.5 | 8,226 | 411 | 4.8 | 599 | 42 | 39 | 212 | 307 |
| 45 to 54 years | 13,942 | 12,513 | 89.8 | 11,912 | 601 | 4.8 | 1,429 | 97 | 47 | 516 | 769 |
| 45 to 49 years | 7,714 | 7,055 | 91.5 | 6,730 | 325 | 4.6 | 659 | 50 | 31 | 234 | 344 |
| 50 to 54 years | 6,228 | 5,458 | 87.6 | 5,183 | 276 | 5.1 | 770 | 47 | 16 | 281 | 425 |
| 55 to 64 years | 9,959 | 6,736 | 67.6 | 6,377 | 359 | 5.3 | 3,223 | 85 | 11 | 420 | 2,707 |
| 55 to 59 years | 5,155 | 4,090 | 79.3 | 3,863 | 228 | 5.6 | 1,065 | 43 | 9 | 221 | 792 |
| 60 to 64 years | 4,804 | 2,646 | 55.1 | 2,514 | 132 | 5.0 | 2,158 | 42 | 2 | 200 | 1,915 |
| 65 years and over | 13,067 | 2,068 | 15.8 | 2,019 | 49 | 2.4 | 10,999 | 179 | 7 | 506 | 10,307 |
| 65 to 69 years | 4,568 | 1,191 | 26.1 | 1,163 | 29 | 2.4 | 3,376 | 47 | 1 | 165 | 3,163 |
| 70 to 74 years | 3,784 | 552 | 14.6 | 538 | 15 | 2.6 | 3,232 | 52 | 1 | 126 | 3,053 |
| 75 years and over | 4,715 | 325 | 6.9 | 319 | 6 | 1.8 | 4,390 | 79 | 6 | 215 | 4,091 |
| Women | | | | | | | | | | | |
| 16 years and over | 100,805 | 58,235 | 57.8 | 54,487 | 3,748 | 6.4 | 42,569 | 23,568 | 4,365 | 1,940 | 12,697 |
| 16 to 19 years | 6,540 | 3,245 | 49.6 | 2,593 | 651 | 20.1 | 3,296 | 330 | 2,733 | 4 | 229 |
| 16 to 17 years | 3,282 | 1,252 | 38.2 | 995 | 257 | 20.5 | 2,030 | 78 | 1,856 | - | 97 |
| 18 to 19 years | 3,258 | 1,992 | 61.2 | 1,598 | 394 | 19.8 | 1,266 | 252 | 877 | 5 | 132 |
| 20 to 24 years | 9,017 | 6,452 | 71.6 | 5,760 | 692 | 10.7 | 2,565 | 1,335 | 855 | 51 | 324 |
| 25 to 54 years | 56,156 | 41,874 | 74.6 | 39,696 | 2,178 | 5.2 | 14,283 | 10,919 | 756 | 680 | 1,927 |
| 25 to 34 years | 20,940 | 15,362 | 73.4 | 14,415 | 948 | 6.2 | 5,578 | 4,298 | 476 | 144 | 661 |
| 25 to 29 years | 9,787 | 7,189 | 73.5 | 6,722 | 467 | 6.5 | 2,598 | 1,935 | 283 | 52 | 328 |
| 30 to 34 years | 11,153 | 8,173 | 73.3 | 7,692 | 481 | 5.9 | 2,980 | 2,362 | 193 | 92 | 333 |
| 35 to 44 years | 20,442 | 15,628 | 76.5 | 14,865 | 743 | 4.8 | 4,814 | 3,792 | 210 | 228 | 583 |
| 35 to 39 years | 10,836 | 8,169 | 75.4 | 7,747 | 423 | 5.2 | 2,667 | 2,149 | 122 | 110 | 286 |
| 40 to 44 years | 9,606 | 7,459 | 77.7 | 7,139 | 320 | 4.3 | 2,147 | 1,643 | 88 | 119 | 297 |
| 45 to 54 years | 14,774 | 10,883 | 73.7 | 10,396 | 486 | 4.5 | 3,891 | 2,829 | 70 | 308 | 684 |
| 45 to 49 years | 8,156 | 6,236 | 76.5 | 5,956 | 281 | 4.5 | 1,919 | 1,374 | 52 | 152 | 341 |
| 50 to 54 years | 6,619 | 4,647 | 70.2 | 4,440 | 207 | 4.5 | 1,972 | 1,455 | 18 | 156 | 343 |
| 55 to 64 years | 11,012 | 5,223 | 47.4 | 5,041 | 182 | 3.5 | 5,789 | 3,543 | 15 | 390 | 1,841 |
| 55 to 59 years | 5,594 | 3,168 | 56.6 | 3,048 | 120 | 3.8 | 2,426 | 1,641 | 12 | 216 | 557 |
| 60 to 64 years | 5,418 | 2,055 | 37.9 | 1,993 | 62 | 3.0 | 3,363 | 1,902 | 2 | 174 | 1,284 |
| 65 years and over | 18,079 | 1,442 | 8.0 | 1,397 | 45 | 3.1 | 16,637 | 7,441 | 6 | 815 | 8,376 |
| 65 to 69 years | 5,506 | 835 | 15.2 | 815 | 19 | 2.3 | 4,672 | 2,294 | 1 | 158 | 2,219 |
| 70 to 74 years | 4,764 | 401 | 8.4 | 390 | 11 | 2.9 | 4,362 | 2,036 | 1 | 119 | 2,206 |
| 75 years and over | 7,809 | 206 | 2.6 | 192 | 14 | 7.0 | 7,603 | 3,111 | 4 | 538 | 3,950 |

**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 | May 1993 | | | | | | | | | | |
|-------------------------|--------------------------------------|----------------------|-----------------------|----------|------------|------------------------|--------------------|---------------|-----------------|----------------|---------------|
| | Civilian noninstitutional population | Civilian labor force | | | | | Not in labor force | | | | |
| | | Total | Percent of population | Employed | Unemployed | | Total | Keeping house | Going to school | Unable to work | Other reasons |
| | | | | | Number | Percent of labor force | | | | | |
| WHITE | | | | | | | | | | | |
| 16 years and over | 163,748 | 109,157 | 66.7 | 102,750 | 6,407 | 5.9 | 54,591 | 20,560 | 6,444 | 3,055 | 24,532 |
| 16 to 19 years | 10,555 | 5,686 | 53.9 | 4,669 | 1,017 | 17.9 | 4,869 | 264 | 4,216 | 20 | 368 |
| 16 to 17 years | 5,332 | 2,303 | 43.2 | 1,852 | 451 | 19.6 | 3,029 | 68 | 2,834 | - | 128 |
| 18 to 19 years | 5,223 | 3,384 | 64.8 | 2,818 | 566 | 16.7 | 1,840 | 196 | 1,382 | 20 | 241 |
| 20 to 24 years | 14,338 | 11,376 | 79.3 | 10,285 | 1,091 | 9.6 | 2,962 | 1,039 | 1,324 | 71 | 528 |
| 25 to 54 years | 92,917 | 78,447 | 84.4 | 74,653 | 3,795 | 4.8 | 14,469 | 9,231 | 874 | 1,370 | 2,994 |
| 25 to 34 years | 34,344 | 28,993 | 84.4 | 27,389 | 1,604 | 5.5 | 5,351 | 3,568 | 565 | 285 | 932 |
| 25 to 29 years | 15,870 | 13,388 | 84.4 | 12,590 | 798 | 6.0 | 2,482 | 1,591 | 350 | 94 | 447 |
| 30 to 34 years | 18,474 | 15,605 | 84.5 | 14,799 | 806 | 5.2 | 2,869 | 1,977 | 216 | 191 | 485 |
| 35 to 44 years | 33,974 | 29,162 | 85.8 | 27,859 | 1,303 | 4.5 | 4,812 | 3,220 | 214 | 465 | 913 |
| 35 to 39 years | 17,976 | 15,368 | 85.5 | 14,635 | 733 | 4.8 | 2,608 | 1,824 | 123 | 215 | 447 |
| 40 to 44 years | 15,998 | 13,794 | 86.2 | 13,224 | 570 | 4.1 | 2,204 | 1,396 | 91 | 251 | 466 |
| 45 to 54 years | 24,599 | 20,292 | 82.5 | 19,404 | 888 | 4.4 | 4,307 | 2,443 | 94 | 620 | 1,150 |
| 45 to 49 years | 13,637 | 11,537 | 84.6 | 11,048 | 488 | 4.2 | 2,101 | 1,189 | 67 | 294 | 550 |
| 50 to 54 years | 10,961 | 8,755 | 79.9 | 8,356 | 399 | 4.6 | 2,206 | 1,253 | 27 | 326 | 600 |
| 55 to 64 years | 18,167 | 10,485 | 57.7 | 10,062 | 422 | 4.0 | 7,682 | 3,147 | 16 | 567 | 3,952 |
| 55 to 59 years | 9,222 | 6,321 | 68.5 | 6,046 | 274 | 4.3 | 2,901 | 1,455 | 12 | 297 | 1,137 |
| 60 to 64 years | 8,945 | 4,164 | 46.6 | 4,016 | 148 | 3.6 | 4,781 | 1,691 | 5 | 270 | 2,815 |
| 65 years and over | 27,771 | 3,162 | 11.4 | 3,080 | 82 | 2.6 | 24,609 | 6,880 | 13 | 1,027 | 16,689 |
| 65 to 69 years | 8,874 | 1,805 | 20.3 | 1,766 | 39 | 2.2 | 7,068 | 2,073 | 2 | 235 | 4,758 |
| 70 to 74 years | 7,571 | 859 | 11.3 | 834 | 25 | 2.9 | 6,712 | 1,874 | 2 | 172 | 4,664 |
| 75 years and over | 11,326 | 498 | 4.4 | 480 | 18 | 3.7 | 10,828 | 2,932 | 9 | 620 | 7,267 |
| Men | | | | | | | | | | | |
| 16 years and over | 78,984 | 60,062 | 76.0 | 56,432 | 3,630 | 6.0 | 18,922 | 477 | 3,211 | 1,639 | 13,596 |
| 16 to 19 years | 5,355 | 2,903 | 54.2 | 2,383 | 520 | 17.9 | 2,452 | 15 | 2,213 | 17 | 207 |
| 16 to 17 years | 2,733 | 1,195 | 43.7 | 964 | 232 | 19.4 | 1,538 | 5 | 1,475 | 1 | 56 |
| 18 to 19 years | 2,623 | 1,708 | 65.1 | 1,419 | 288 | 16.9 | 915 | 9 | 738 | 16 | 151 |
| 20 to 24 years | 7,078 | 6,020 | 85.1 | 5,384 | 636 | 10.6 | 1,058 | 21 | 697 | 40 | 300 |
| 25 to 54 years | 46,171 | 43,317 | 93.8 | 41,154 | 2,163 | 5.0 | 2,854 | 235 | 283 | 866 | 1,469 |
| 25 to 34 years | 17,150 | 16,246 | 94.7 | 15,320 | 926 | 5.7 | 904 | 94 | 201 | 191 | 418 |
| 25 to 29 years | 7,902 | 7,461 | 94.4 | 6,997 | 464 | 6.2 | 441 | 55 | 137 | 62 | 187 |
| 30 to 34 years | 9,248 | 8,785 | 95.0 | 8,323 | 462 | 5.3 | 463 | 39 | 64 | 129 | 231 |
| 35 to 44 years | 16,930 | 16,073 | 94.9 | 15,326 | 747 | 4.6 | 857 | 78 | 53 | 278 | 448 |
| 35 to 39 years | 8,989 | 8,552 | 95.1 | 8,128 | 425 | 5.0 | 437 | 59 | 30 | 118 | 229 |
| 40 to 44 years | 7,941 | 7,520 | 94.7 | 7,198 | 322 | 4.3 | 421 | 19 | 23 | 160 | 219 |
| 45 to 54 years | 12,090 | 10,998 | 91.0 | 10,508 | 491 | 4.5 | 1,092 | 63 | 29 | 397 | 603 |
| 45 to 49 years | 6,725 | 6,213 | 92.4 | 5,952 | 262 | 4.2 | 512 | 32 | 19 | 182 | 278 |
| 50 to 54 years | 5,365 | 4,785 | 89.2 | 4,556 | 229 | 4.8 | 580 | 31 | 10 | 214 | 325 |
| 55 to 64 years | 8,692 | 5,942 | 68.4 | 5,674 | 267 | 4.5 | 2,750 | 60 | 10 | 320 | 2,360 |
| 55 to 59 years | 4,447 | 3,575 | 80.4 | 3,401 | 173 | 4.8 | 872 | 29 | 8 | 165 | 671 |
| 60 to 64 years | 4,245 | 2,367 | 55.8 | 2,273 | 94 | 4.0 | 1,878 | 31 | 2 | 155 | 1,690 |
| 65 years and over | 11,688 | 1,880 | 16.1 | 1,837 | 43 | 2.3 | 9,808 | 146 | 7 | 396 | 9,259 |
| 65 to 69 years | 4,065 | 1,079 | 26.6 | 1,057 | 23 | 2.1 | 2,985 | 43 | 1 | 125 | 2,816 |
| 70 to 74 years | 3,350 | 503 | 15.0 | 488 | 15 | 2.9 | 2,847 | 33 | 1 | 86 | 2,728 |
| 75 years and over | 4,273 | 298 | 7.0 | 292 | 5 | 1.8 | 3,976 | 70 | 6 | 185 | 3,715 |
| Women | | | | | | | | | | | |
| 16 years and over | 84,764 | 49,095 | 57.9 | 46,318 | 2,777 | 5.7 | 35,669 | 20,083 | 3,233 | 1,416 | 10,936 |
| 16 to 19 years | 5,200 | 2,783 | 53.5 | 2,286 | 497 | 17.9 | 2,416 | 249 | 2,003 | 4 | 161 |
| 16 to 17 years | 2,599 | 1,107 | 42.6 | 888 | 220 | 19.8 | 1,492 | 62 | 1,359 | - | 71 |
| 18 to 19 years | 2,601 | 1,676 | 64.4 | 1,398 | 278 | 16.6 | 925 | 187 | 644 | 4 | 90 |
| 20 to 24 years | 7,260 | 5,356 | 73.8 | 4,901 | 455 | 8.5 | 1,904 | 1,018 | 627 | 30 | 228 |
| 25 to 54 years | 46,746 | 35,130 | 75.2 | 33,499 | 1,631 | 4.6 | 11,616 | 8,995 | 591 | 504 | 1,525 |
| 25 to 34 years | 17,193 | 12,747 | 74.1 | 12,069 | 678 | 5.3 | 4,446 | 3,474 | 365 | 94 | 514 |
| 25 to 29 years | 7,968 | 5,927 | 74.4 | 5,593 | 334 | 5.6 | 2,041 | 1,536 | 212 | 32 | 261 |
| 30 to 34 years | 9,226 | 6,820 | 73.9 | 6,476 | 344 | 5.0 | 2,405 | 1,938 | 152 | 62 | 253 |
| 35 to 44 years | 17,044 | 13,090 | 76.8 | 12,533 | 556 | 4.3 | 3,955 | 3,142 | 161 | 187 | 465 |
| 35 to 39 years | 8,987 | 6,816 | 75.8 | 6,507 | 309 | 4.5 | 2,171 | 1,765 | 92 | 97 | 218 |
| 40 to 44 years | 8,057 | 6,274 | 77.9 | 6,026 | 248 | 3.9 | 1,783 | 1,377 | 69 | 91 | 247 |
| 45 to 54 years | 12,508 | 9,294 | 74.3 | 8,896 | 397 | 4.3 | 3,215 | 2,379 | 65 | 223 | 547 |
| 45 to 49 years | 6,912 | 5,323 | 77.0 | 5,097 | 227 | 4.3 | 1,589 | 1,158 | 48 | 112 | 272 |
| 50 to 54 years | 5,596 | 3,970 | 70.9 | 3,800 | 170 | 4.3 | 1,626 | 1,222 | 17 | 111 | 275 |
| 55 to 64 years | 9,475 | 4,543 | 47.9 | 4,388 | 155 | 3.4 | 4,932 | 3,086 | 6 | 247 | 1,592 |
| 55 to 59 years | 4,774 | 2,746 | 57.5 | 2,645 | 101 | 3.7 | 2,029 | 1,426 | 4 | 132 | 466 |
| 60 to 64 years | 4,700 | 1,797 | 38.2 | 1,743 | 54 | 3.0 | 2,903 | 1,660 | 3 | 115 | 1,126 |
| 65 years and over | 16,083 | 1,282 | 8.0 | 1,243 | 39 | 3.1 | 14,800 | 6,734 | 5 | 631 | 7,430 |
| 65 to 69 years | 4,809 | 726 | 15.1 | 710 | 16 | 2.2 | 4,083 | 2,031 | 1 | 110 | 1,941 |
| 70 to 74 years | 4,221 | 356 | 8.4 | 346 | 10 | 2.9 | 3,864 | 1,841 | 1 | 86 | 1,936 |
| 75 years and over | 7,053 | 200 | 2.8 | 187 | 13 | 6.5 | 6,853 | 2,862 | 3 | 434 | 3,553 |

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

(Numbers in thousands)

| Age, sex, and race | May 1993 | | | | | | | | | | |
|-------------------------|--------------------------------------|----------------------|-----------------------|----------|------------|------------------------|--------------------|---------------|-----------------|----------------|---------------|
| | Civilian noninstitutional population | Civilian labor force | | | | | Not in labor force | | | | |
| | | Total | Percent of population | Employed | Unemployed | | Total | Keeping house | Going to school | Unable to work | Other reasons |
| | | | | | Number | Percent of labor force | | | | | |
| BLACK | | | | | | | | | | | |
| 16 years and over | 22,280 | 13,874 | 62.3 | 12,067 | 1,807 | 13.0 | 8,406 | 2,736 | 1,633 | 930 | 3,106 |
| 16 to 19 years | 2,090 | 778 | 37.2 | 457 | 321 | 41.3 | 1,312 | 75 | 1,118 | 4 | 115 |
| 16 to 17 years | 1,070 | 253 | 23.6 | 145 | 108 | 42.7 | 817 | 17 | 749 | 1 | 50 |
| 18 to 19 years | 1,020 | 526 | 51.5 | 312 | 214 | 40.6 | 494 | 58 | 369 | 2 | 65 |
| 20 to 24 years | 2,488 | 1,682 | 67.6 | 1,260 | 422 | 25.1 | 807 | 287 | 304 | 42 | 173 |
| 25 to 54 years | 12,865 | 10,037 | 78.0 | 9,073 | 964 | 9.6 | 2,829 | 1,448 | 201 | 412 | 768 |
| 25 to 34 years | 5,323 | 4,128 | 77.6 | 3,625 | 503 | 12.2 | 1,195 | 644 | 137 | 126 | 287 |
| 25 to 29 years | 2,571 | 1,964 | 76.4 | 1,728 | 236 | 12.0 | 607 | 318 | 90 | 55 | 144 |
| 30 to 34 years | 2,752 | 2,164 | 78.7 | 1,897 | 267 | 12.4 | 587 | 326 | 47 | 71 | 143 |
| 35 to 44 years | 4,597 | 3,720 | 80.9 | 3,392 | 328 | 8.8 | 877 | 489 | 53 | 109 | 225 |
| 35 to 39 years | 2,523 | 2,049 | 81.2 | 1,846 | 203 | 9.9 | 474 | 285 | 31 | 41 | 117 |
| 40 to 44 years | 2,074 | 1,671 | 80.6 | 1,546 | 125 | 7.5 | 403 | 204 | 22 | 69 | 108 |
| 45 to 54 years | 2,946 | 2,188 | 74.3 | 2,056 | 132 | 6.0 | 757 | 314 | 11 | 177 | 256 |
| 45 to 49 years | 1,579 | 1,237 | 78.3 | 1,158 | 79 | 6.4 | 342 | 137 | 10 | 80 | 115 |
| 50 to 54 years | 1,367 | 952 | 69.6 | 898 | 53 | 5.6 | 415 | 177 | 1 | 97 | 141 |
| 55 to 64 years | 2,169 | 1,101 | 50.8 | 1,010 | 92 | 8.3 | 1,067 | 366 | 10 | 205 | 487 |
| 55 to 59 years | 1,162 | 688 | 59.2 | 631 | 57 | 8.3 | 474 | 162 | 10 | 127 | 175 |
| 60 to 64 years | 1,007 | 413 | 41.0 | 379 | 34 | 8.3 | 594 | 204 | - | 78 | 312 |
| 65 years and over | 2,667 | 276 | 10.3 | 267 | 9 | 3.3 | 2,391 | 561 | - | 267 | 1,562 |
| 65 to 69 years | 953 | 180 | 18.8 | 173 | 7 | 3.7 | 773 | 204 | - | 78 | 491 |
| 70 to 74 years | 769 | 70 | 9.1 | 69 | 1 | (¹) | 698 | 160 | - | 67 | 472 |
| 75 years and over | 945 | 26 | 2.8 | 25 | 1 | (¹) | 919 | 196 | 1 | 123 | 600 |
| Men | | | | | | | | | | | |
| 16 years and over | 10,053 | 6,923 | 68.9 | 5,935 | 987 | 14.3 | 3,130 | 177 | 790 | 466 | 1,698 |
| 16 to 19 years | 1,041 | 432 | 41.5 | 247 | 184 | 42.7 | 609 | 7 | 541 | 3 | 58 |
| 16 to 17 years | 542 | 152 | 28.1 | 74 | 78 | 51.6 | 390 | 5 | 352 | 1 | 31 |
| 18 to 19 years | 500 | 280 | 56.0 | 174 | 106 | 37.9 | 220 | 2 | 189 | 2 | 27 |
| 20 to 24 years | 1,154 | 836 | 72.5 | 624 | 213 | 25.4 | 318 | 27 | 163 | 26 | 102 |
| 25 to 54 years | 5,808 | 4,934 | 84.9 | 4,418 | 515 | 10.4 | 874 | 92 | 84 | 256 | 442 |
| 25 to 34 years | 2,423 | 2,094 | 86.4 | 1,828 | 266 | 12.7 | 329 | 27 | 59 | 78 | 165 |
| 25 to 29 years | 1,172 | 989 | 84.3 | 862 | 127 | 12.8 | 184 | 9 | 44 | 36 | 95 |
| 30 to 34 years | 1,251 | 1,105 | 88.4 | 966 | 139 | 12.6 | 146 | 18 | 15 | 42 | 71 |
| 35 to 44 years | 2,067 | 1,798 | 87.0 | 1,614 | 184 | 10.3 | 269 | 42 | 20 | 73 | 134 |
| 35 to 39 years | 1,139 | 1,009 | 88.6 | 896 | 113 | 11.2 | 130 | 24 | 13 | 28 | 64 |
| 40 to 44 years | 929 | 789 | 85.0 | 718 | 71 | 9.0 | 139 | 18 | 7 | 45 | 70 |
| 45 to 54 years | 1,317 | 1,041 | 79.1 | 977 | 65 | 6.2 | 276 | 23 | 5 | 105 | 143 |
| 45 to 49 years | 700 | 579 | 82.7 | 544 | 35 | 6.1 | 121 | 9 | 5 | 46 | 61 |
| 50 to 54 years | 617 | 462 | 74.9 | 433 | 30 | 6.4 | 155 | 14 | - | 59 | 81 |
| 55 to 64 years | 965 | 579 | 60.0 | 509 | 71 | 12.2 | 386 | 21 | 1 | 82 | 282 |
| 55 to 59 years | 531 | 370 | 69.6 | 326 | 44 | 12.0 | 161 | 13 | 1 | 50 | 97 |
| 60 to 64 years | 434 | 209 | 48.2 | 183 | 26 | 12.6 | 225 | 8 | - | 32 | 185 |
| 65 years and over | 1,084 | 142 | 13.1 | 137 | 4 | 3.0 | 943 | 30 | - | 98 | 814 |
| 65 to 69 years | 409 | 85 | 20.8 | 81 | 4 | 5.2 | 324 | 5 | - | 38 | 281 |
| 70 to 74 years | 343 | 35 | 10.4 | 36 | - | (¹) | 307 | 19 | - | 36 | 251 |
| 75 years and over | 332 | 21 | 6.4 | 21 | - | (¹) | 311 | 6 | - | 24 | 282 |
| Women | | | | | | | | | | | |
| 16 years and over | 12,227 | 6,951 | 56.9 | 6,131 | 820 | 11.8 | 5,276 | 2,560 | 844 | 465 | 1,408 |
| 16 to 19 years | 1,049 | 347 | 33.0 | 210 | 137 | 39.5 | 702 | 67 | 577 | - | 58 |
| 16 to 17 years | 529 | 101 | 19.1 | 71 | 29 | 29.2 | 428 | 11 | 397 | - | 20 |
| 18 to 19 years | 520 | 246 | 47.2 | 138 | 108 | 43.7 | 275 | 56 | 180 | - | 38 |
| 20 to 24 years | 1,335 | 845 | 63.3 | 636 | 209 | 24.7 | 489 | 260 | 142 | 16 | 72 |
| 25 to 54 years | 7,057 | 5,103 | 72.3 | 4,655 | 448 | 8.8 | 1,954 | 1,356 | 116 | 156 | 326 |
| 25 to 34 years | 2,900 | 2,034 | 70.2 | 1,797 | 237 | 11.7 | 865 | 617 | 78 | 48 | 122 |
| 25 to 29 years | 1,399 | 975 | 69.7 | 866 | 109 | 11.2 | 423 | 309 | 46 | 19 | 49 |
| 30 to 34 years | 1,501 | 1,059 | 70.6 | 931 | 128 | 12.1 | 442 | 308 | 31 | 29 | 73 |
| 35 to 44 years | 2,530 | 1,922 | 76.0 | 1,778 | 144 | 7.5 | 608 | 447 | 33 | 36 | 91 |
| 35 to 39 years | 1,384 | 1,040 | 75.1 | 950 | 90 | 8.6 | 344 | 261 | 18 | 13 | 52 |
| 40 to 44 years | 1,145 | 882 | 77.0 | 828 | 54 | 6.1 | 263 | 186 | 15 | 23 | 39 |
| 45 to 54 years | 1,628 | 1,147 | 70.4 | 1,080 | 67 | 5.9 | 481 | 291 | 5 | 72 | 113 |
| 45 to 49 years | 878 | 657 | 74.8 | 614 | 43 | 6.6 | 221 | 128 | 5 | 34 | 54 |
| 50 to 54 years | 750 | 490 | 65.3 | 466 | 24 | 4.9 | 260 | 163 | - | 38 | 59 |
| 55 to 64 years | 1,204 | 522 | 43.4 | 501 | 21 | 4.0 | 681 | 345 | 8 | 123 | 204 |
| 55 to 59 years | 630 | 318 | 50.5 | 305 | 13 | 4.1 | 312 | 149 | 9 | 77 | 77 |
| 60 to 64 years | 573 | 204 | 35.6 | 196 | 8 | 3.8 | 369 | 196 | - | 46 | 127 |
| 65 years and over | 1,583 | 134 | 8.5 | 129 | 5 | 3.7 | 1,449 | 531 | - | 169 | 748 |
| 65 to 69 years | 544 | 94 | 17.4 | 92 | 2 | 2.4 | 449 | 200 | - | 40 | 210 |
| 70 to 74 years | 426 | 35 | 8.2 | 34 | 1 | (¹) | 391 | 141 | - | 30 | 220 |
| 75 years and over | 613 | 5 | .8 | 4 | 2 | (¹) | 608 | 190 | 1 | 99 | 318 |

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 | May 1993 | | | | | | | | Not in labor force |
|-------------------------|--------------------------------------|----------------------|-----------------------|----------|-------------|----------------------------|------------|------------------------|--------------------|
| | Civilian noninstitutional population | Civilian labor force | | | | | | | |
| | | Total | Percent of population | Employed | | | Unemployed | | |
| | | | | Total | Agriculture | Nonagricultural industries | Number | Percent of labor force | |
| TOTAL | | | | | | | | | |
| 16 years and over | 29,535 | 18,650 | 63.1 | 16,452 | 224 | 16,227 | 2,199 | 11.8 | 10,885 |
| 16 to 19 years | 2,648 | 997 | 37.6 | 630 | 19 | 611 | 367 | 36.8 | 1,651 |
| 16 to 17 years | 1,359 | 337 | 24.8 | 210 | 8 | 202 | 126 | 37.6 | 1,022 |
| 18 to 19 years | 1,289 | 660 | 51.2 | 420 | 11 | 409 | 240 | 36.4 | 629 |
| 20 to 24 years | 3,319 | 2,234 | 67.3 | 1,736 | 16 | 1,721 | 498 | 22.3 | 1,084 |
| 25 to 54 years | 17,389 | 13,597 | 78.2 | 12,393 | 132 | 12,262 | 1,203 | 8.8 | 3,793 |
| 25 to 34 years | 7,030 | 5,456 | 77.6 | 4,870 | 39 | 4,830 | 587 | 10.7 | 1,574 |
| 25 to 29 years | 3,386 | 2,590 | 76.5 | 2,310 | 13 | 2,296 | 280 | 10.8 | 796 |
| 30 to 34 years | 3,644 | 2,866 | 78.7 | 2,560 | 26 | 2,534 | 306 | 10.7 | 778 |
| 35 to 44 years | 6,242 | 5,036 | 80.7 | 4,620 | 59 | 4,561 | 416 | 8.3 | 1,205 |
| 35 to 39 years | 3,398 | 2,735 | 80.5 | 2,480 | 34 | 2,447 | 254 | 9.3 | 663 |
| 40 to 44 years | 2,844 | 2,301 | 80.9 | 2,140 | 25 | 2,115 | 162 | 7.0 | 542 |
| 45 to 54 years | 4,117 | 3,104 | 75.4 | 2,904 | 34 | 2,870 | 201 | 6.5 | 1,013 |
| 45 to 49 years | 2,232 | 1,755 | 78.6 | 1,637 | 16 | 1,622 | 117 | 6.7 | 477 |
| 50 to 54 years | 1,886 | 1,350 | 71.6 | 1,266 | 18 | 1,248 | 83 | 6.2 | 536 |
| 55 to 64 years | 2,804 | 1,475 | 52.6 | 1,356 | 36 | 1,320 | 119 | 8.0 | 1,329 |
| 55 to 59 years | 1,528 | 938 | 61.4 | 864 | 25 | 840 | 73 | 7.8 | 590 |
| 60 to 64 years | 1,277 | 537 | 42.1 | 492 | 12 | 480 | 45 | 8.4 | 739 |
| 65 years and over | 3,375 | 348 | 10.3 | 336 | 21 | 314 | 12 | 3.5 | 3,027 |
| 65 to 69 years | 1,200 | 220 | 18.4 | 211 | 9 | 202 | 9 | 4.2 | 980 |
| 70 to 74 years | 977 | 95 | 9.7 | 94 | 7 | 87 | 1 | 1.1 | 883 |
| 75 years and over | 1,198 | 33 | 2.7 | 31 | 6 | 25 | 2 | (¹) | 1,165 |
| Men | | | | | | | | | |
| 16 years and over | 13,495 | 9,510 | 70.5 | 8,282 | 193 | 8,089 | 1,228 | 12.9 | 3,984 |
| 16 to 19 years | 1,308 | 536 | 41.0 | 323 | 19 | 304 | 213 | 39.7 | 772 |
| 16 to 17 years | 676 | 192 | 28.4 | 103 | 8 | 95 | 89 | 46.3 | 484 |
| 18 to 19 years | 632 | 344 | 54.4 | 220 | 11 | 209 | 124 | 36.0 | 288 |
| 20 to 24 years | 1,562 | 1,138 | 72.9 | 877 | 14 | 863 | 261 | 22.9 | 424 |
| 25 to 54 years | 7,979 | 6,853 | 85.9 | 6,197 | 108 | 6,089 | 656 | 9.6 | 1,126 |
| 25 to 34 years | 3,283 | 2,841 | 86.5 | 2,524 | 35 | 2,489 | 317 | 11.1 | 442 |
| 25 to 29 years | 1,567 | 1,328 | 84.7 | 1,181 | 12 | 1,168 | 147 | 11.1 | 239 |
| 30 to 34 years | 1,717 | 1,513 | 88.2 | 1,344 | 23 | 1,321 | 170 | 11.2 | 203 |
| 35 to 44 years | 2,844 | 2,498 | 87.8 | 2,268 | 45 | 2,223 | 230 | 9.2 | 347 |
| 35 to 39 years | 1,549 | 1,381 | 89.2 | 1,241 | 23 | 1,217 | 141 | 10.2 | 168 |
| 40 to 44 years | 1,295 | 1,116 | 86.2 | 1,027 | 21 | 1,006 | 89 | 8.0 | 179 |
| 45 to 54 years | 1,852 | 1,515 | 81.8 | 1,405 | 28 | 1,377 | 110 | 7.3 | 337 |
| 45 to 49 years | 989 | 842 | 85.1 | 778 | 13 | 765 | 63 | 7.5 | 147 |
| 50 to 54 years | 863 | 673 | 78.0 | 626 | 14 | 612 | 47 | 7.0 | 190 |
| 55 to 64 years | 1,267 | 795 | 62.7 | 703 | 33 | 670 | 92 | 11.6 | 473 |
| 55 to 59 years | 708 | 515 | 72.8 | 461 | 21 | 440 | 54 | 10.5 | 193 |
| 60 to 64 years | 559 | 279 | 49.9 | 242 | 12 | 230 | 38 | 13.5 | 280 |
| 65 years and over | 1,379 | 188 | 13.7 | 182 | 20 | 162 | 6 | 3.4 | 1,191 |
| 65 to 69 years | 503 | 112 | 22.2 | 106 | 8 | 98 | 6 | 5.3 | 391 |
| 70 to 74 years | 434 | 50 | 11.5 | 50 | 5 | 44 | - | (¹) | 385 |
| 75 years and over | 441 | 27 | 6.1 | 26 | 6 | 20 | 1 | (¹) | 415 |
| Women | | | | | | | | | |
| 16 years and over | 16,041 | 9,140 | 57.0 | 8,170 | 31 | 8,138 | 971 | 10.6 | 6,900 |
| 16 to 19 years | 1,340 | 461 | 34.4 | 307 | 1 | 306 | 154 | 33.4 | 879 |
| 16 to 17 years | 683 | 145 | 21.2 | 107 | 1 | 106 | 38 | 26.0 | 539 |
| 18 to 19 years | 657 | 316 | 48.2 | 200 | - | 200 | 116 | 36.8 | 341 |
| 20 to 24 years | 1,757 | 1,096 | 62.4 | 859 | 1 | 858 | 237 | 21.6 | 661 |
| 25 to 54 years | 9,410 | 6,743 | 71.7 | 6,196 | 24 | 6,173 | 547 | 8.1 | 2,667 |
| 25 to 34 years | 3,747 | 2,615 | 69.8 | 2,345 | 4 | 2,341 | 270 | 10.3 | 1,132 |
| 25 to 29 years | 1,820 | 1,262 | 69.4 | 1,129 | 1 | 1,128 | 133 | 10.5 | 557 |
| 30 to 34 years | 1,927 | 1,353 | 70.2 | 1,216 | 3 | 1,213 | 137 | 10.1 | 574 |
| 35 to 44 years | 3,397 | 2,539 | 74.7 | 2,352 | 14 | 2,338 | 186 | 7.3 | 859 |
| 35 to 39 years | 1,849 | 1,353 | 73.2 | 1,240 | 10 | 1,229 | 114 | 8.4 | 495 |
| 40 to 44 years | 1,549 | 1,185 | 76.5 | 1,113 | 4 | 1,109 | 73 | 6.1 | 363 |
| 45 to 54 years | 2,266 | 1,590 | 70.2 | 1,499 | 6 | 1,493 | 90 | 5.7 | 676 |
| 45 to 49 years | 1,243 | 913 | 73.4 | 859 | 2 | 857 | 54 | 5.9 | 330 |
| 50 to 54 years | 1,023 | 677 | 66.2 | 640 | 4 | 636 | 37 | 5.4 | 346 |
| 55 to 64 years | 1,537 | 680 | 44.3 | 653 | 4 | 650 | 27 | 3.9 | 857 |
| 55 to 59 years | 820 | 422 | 51.5 | 403 | 4 | 399 | 19 | 4.5 | 397 |
| 60 to 64 years | 717 | 258 | 36.0 | 250 | - | 250 | 8 | 2.9 | 459 |
| 65 years and over | 1,996 | 160 | 8.0 | 154 | 2 | 152 | 6 | 3.7 | 1,837 |
| 65 to 69 years | 697 | 109 | 15.6 | 105 | 1 | 105 | 3 | 3.0 | 588 |
| 70 to 74 years | 543 | 45 | 8.3 | 44 | 1 | 43 | 1 | (¹) | 498 |
| 75 years and over | 757 | 6 | .8 | 5 | - | 5 | 2 | (¹) | 750 |

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

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

(Numbers in thousands)

| Employment status and race | Total | | Men, 20 years and over | | Women, 20 years and over | | Both sexes, 16 to 19 years | |
|--|----------|----------|------------------------|----------|--------------------------|----------|----------------------------|----------|
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| TOTAL | | | | | | | | |
| Civilian noninstitutional population | 191,307 | 193,283 | 84,755 | 85,816 | 93,416 | 94,264 | 13,136 | 13,203 |
| Civilian labor force | 126,705 | 127,807 | 65,810 | 66,133 | 54,443 | 54,991 | 6,452 | 6,683 |
| Percent of population | 66.2 | 66.1 | 77.6 | 77.1 | 58.3 | 58.3 | 49.1 | 50.6 |
| Employed | 117,535 | 119,201 | 61,224 | 62,008 | 51,207 | 51,894 | 5,104 | 5,299 |
| Agriculture | 3,354 | 3,235 | 2,486 | 2,353 | 663 | 636 | 206 | 247 |
| Nonagricultural industries | 114,181 | 115,966 | 58,738 | 59,655 | 50,544 | 51,258 | 4,898 | 5,052 |
| Unemployed | 9,169 | 8,606 | 4,586 | 4,125 | 3,236 | 3,097 | 1,348 | 1,384 |
| Unemployment rate | 7.2 | 6.7 | 7.0 | 6.2 | 5.9 | 5.6 | 20.9 | 20.7 |
| Not in labor force | 64,602 | 65,476 | 18,945 | 19,682 | 38,973 | 39,273 | 6,684 | 6,520 |
| White | | | | | | | | |
| Civilian noninstitutional population | 162,483 | 163,748 | 72,940 | 73,629 | 79,050 | 79,564 | 10,492 | 10,555 |
| Civilian labor force | 108,381 | 109,157 | 56,975 | 57,159 | 45,863 | 46,312 | 5,543 | 5,686 |
| Percent of population | 66.7 | 66.7 | 78.1 | 77.6 | 58.0 | 58.2 | 52.8 | 53.9 |
| Employed | 101,586 | 102,750 | 53,479 | 54,049 | 43,555 | 44,031 | 4,552 | 4,669 |
| Agriculture | 3,141 | 3,011 | 2,304 | 2,178 | 635 | 605 | 202 | 228 |
| Nonagricultural industries | 98,445 | 99,739 | 51,175 | 51,871 | 42,920 | 43,426 | 4,350 | 4,442 |
| Unemployed | 6,795 | 6,407 | 3,496 | 3,110 | 2,308 | 2,280 | 991 | 1,017 |
| Unemployment rate | 6.3 | 5.9 | 6.1 | 5.4 | 5.0 | 4.9 | 17.9 | 17.9 |
| Not in labor force | 54,102 | 54,591 | 15,965 | 16,470 | 33,188 | 33,252 | 4,949 | 4,869 |
| Black | | | | | | | | |
| Civilian noninstitutional population | 21,909 | 22,280 | 8,835 | 9,011 | 11,003 | 11,178 | 2,071 | 2,090 |
| Civilian labor force | 13,794 | 13,874 | 6,497 | 6,491 | 6,573 | 6,605 | 723 | 778 |
| Percent of population | 63.0 | 62.3 | 73.5 | 72.0 | 59.7 | 59.1 | 34.9 | 37.2 |
| Employed | 11,779 | 12,067 | 5,590 | 5,688 | 5,781 | 5,922 | 407 | 457 |
| Agriculture | 164 | 144 | 143 | 118 | 17 | 13 | 3 | 13 |
| Nonagricultural industries | 11,615 | 11,922 | 5,447 | 5,570 | 5,765 | 5,909 | 404 | 444 |
| Unemployed | 2,015 | 1,807 | 907 | 803 | 792 | 683 | 316 | 321 |
| Unemployment rate | 14.6 | 13.0 | 14.0 | 12.4 | 12.0 | 10.3 | 43.7 | 41.3 |
| Not in labor force | 8,115 | 8,406 | 2,338 | 2,521 | 4,430 | 4,573 | 1,348 | 1,312 |

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| Enrollment status, educational attainment, race, and Hispanic origin | May 1993 | | | | | | | | | |
|--|--------------------------------------|----------------------|-----------------------|----------|------------------------|------------------------|------------|----------------------------|----------------------------|------------------------|
| | Civilian noninstitutional population | Civilian labor force | | | | | | | | |
| | | Total | Percent of population | Employed | | | Unemployed | | | |
| | | | | Total | Full time ¹ | Part time ¹ | Total | Looking for full-time work | Looking for part-time work | Percent of labor force |
| TOTAL ENROLLED | | | | | | | | | | |
| Total, 16 to 24 years | 15,040 | 7,376 | 49.0 | 6,223 | 1,141 | 5,083 | 1,153 | 475 | 678 | 15.6 |
| 16 to 19 years | 10,254 | 4,493 | 43.8 | 3,637 | 316 | 3,322 | 855 | 267 | 589 | 19.0 |
| 20 to 24 years | 4,787 | 2,884 | 60.2 | 2,586 | 825 | 1,761 | 298 | 208 | 90 | 10.3 |
| High school | 8,613 | 3,594 | 41.7 | 2,874 | 200 | 2,673 | 720 | 196 | 524 | 20.0 |
| College | 6,427 | 3,782 | 58.8 | 3,350 | 940 | 2,409 | 432 | 279 | 154 | 11.4 |
| Full-time students | 5,401 | 2,872 | 53.2 | 2,507 | 446 | 2,061 | 365 | 238 | 128 | 12.7 |
| Part-time students | 1,026 | 910 | 88.6 | 843 | 495 | 348 | 67 | 41 | 26 | 7.4 |
| Men, 16 to 24 years | 7,605 | 3,660 | 48.1 | 3,069 | 596 | 2,473 | 591 | 240 | 351 | 16.1 |
| 16 to 19 years | 5,218 | 2,258 | 43.3 | 1,828 | 179 | 1,649 | 429 | 124 | 305 | 19.0 |
| 20 to 24 years | 2,387 | 1,403 | 58.8 | 1,241 | 418 | 824 | 162 | 116 | 46 | 11.5 |
| High school | 4,532 | 1,904 | 42.0 | 1,533 | 141 | 1,393 | 370 | 91 | 279 | 19.4 |
| College | 3,073 | 1,757 | 57.2 | 1,536 | 455 | 1,081 | 221 | 149 | 72 | 12.6 |
| Full-time students | 2,603 | 1,329 | 51.1 | 1,140 | 222 | 918 | 189 | 125 | 64 | 14.2 |
| Part-time students | 470 | 428 | 91.1 | 396 | 233 | 162 | 32 | 24 | 8 | 7.5 |
| Women, 16 to 24 years | 7,435 | 3,716 | 50.0 | 3,154 | 544 | 2,610 | 562 | 234 | 327 | 15.1 |
| 16 to 19 years | 5,035 | 2,235 | 44.4 | 1,809 | 137 | 1,672 | 426 | 142 | 283 | 19.0 |
| 20 to 24 years | 2,400 | 1,481 | 61.7 | 1,345 | 407 | 937 | 136 | 92 | 44 | 9.2 |
| High school | 4,081 | 1,690 | 41.4 | 1,340 | 59 | 1,281 | 350 | 105 | 245 | 20.7 |
| College | 3,354 | 2,025 | 60.4 | 1,814 | 485 | 1,329 | 212 | 130 | 82 | 10.5 |
| Full-time students | 2,798 | 1,543 | 55.2 | 1,367 | 223 | 1,143 | 177 | 112 | 64 | 11.4 |
| Part-time students | 557 | 482 | 86.6 | 447 | 261 | 186 | 35 | 17 | 18 | 7.3 |
| White | | | | | | | | | | |
| Total, 16 to 24 years | 11,956 | 6,244 | 52.2 | 5,390 | 992 | 4,397 | 855 | 347 | 508 | 13.7 |
| 16 to 19 years | 8,161 | 3,840 | 47.1 | 3,212 | 281 | 2,931 | 628 | 188 | 439 | 16.4 |
| 20 to 24 years | 3,795 | 2,405 | 63.4 | 2,178 | 712 | 1,466 | 227 | 158 | 69 | 9.4 |
| Men | 6,100 | 3,114 | 51.0 | 2,680 | 534 | 2,146 | 434 | 178 | 258 | 13.9 |
| Women | 5,856 | 3,131 | 53.5 | 2,710 | 458 | 2,251 | 421 | 169 | 252 | 13.4 |
| High school | 6,816 | 3,076 | 45.1 | 2,546 | 182 | 2,364 | 530 | 127 | 403 | 17.2 |
| College | 5,140 | 3,168 | 61.6 | 2,843 | 810 | 2,033 | 325 | 219 | 106 | 10.3 |
| Full-time students | 4,319 | 2,411 | 55.8 | 2,135 | 388 | 1,746 | 277 | 185 | 91 | 11.5 |
| Part-time students | 821 | 757 | 92.3 | 709 | 422 | 287 | 49 | 34 | 14 | 6.4 |
| Black | | | | | | | | | | |
| Total, 16 to 24 years | 2,262 | 795 | 35.2 | 544 | 109 | 435 | 251 | 113 | 138 | 31.6 |
| 16 to 19 years | 1,634 | 496 | 30.4 | 303 | 32 | 271 | 193 | 72 | 121 | 39.0 |
| 20 to 24 years | 628 | 299 | 47.5 | 241 | 76 | 164 | 58 | 41 | 17 | 19.4 |
| Men | 1,099 | 385 | 35.0 | 254 | 37 | 217 | 131 | 51 | 80 | 34.0 |
| Women | 1,163 | 410 | 35.3 | 290 | 72 | 218 | 121 | 62 | 59 | 29.4 |
| High school | 1,424 | 405 | 28.5 | 242 | 16 | 226 | 163 | 66 | 97 | 40.3 |
| College | 838 | 390 | 46.5 | 302 | 93 | 209 | 88 | 47 | 41 | 22.6 |
| Full-time students | 706 | 292 | 41.3 | 217 | 45 | 172 | 75 | 43 | 32 | 25.7 |
| Part-time students | 132 | 98 | 74.2 | 85 | 48 | 37 | 13 | 4 | 9 | 13.4 |
| Hispanic origin | | | | | | | | | | |
| Total, 16 to 24 years | 1,380 | 496 | 36.0 | 387 | 111 | 276 | 109 | 48 | 62 | 22.0 |
| 16 to 19 years | 1,034 | 296 | 28.6 | 214 | 40 | 173 | 82 | 33 | 50 | 27.8 |
| 20 to 24 years | 345 | 200 | 58.0 | 173 | 70 | 103 | 27 | 15 | 12 | 13.4 |
| Men | 706 | 256 | 36.2 | 196 | 54 | 143 | 59 | 23 | 36 | 23.1 |
| Women | 673 | 241 | 35.7 | 191 | 57 | 134 | 50 | 24 | 26 | 20.8 |
| High school | 930 | 242 | 26.0 | 172 | 36 | 136 | 70 | 27 | 43 | 29.0 |
| College | 449 | 254 | 56.6 | 215 | 75 | 141 | 39 | 21 | 18 | 15.4 |
| Full-time students | 338 | 164 | 48.5 | 136 | 23 | 113 | 28 | 11 | 17 | 17.2 |
| Part-time students | 111 | 90 | 81.3 | 79 | 52 | 28 | 11 | 9 | 2 | 12.1 |

See footnotes at end of table.

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

(Numbers in thousands)

| Enrollment status, educational attainment, race, and Hispanic origin | May 1993 | | | | | | | | | |
|--|--------------------------------------|----------------------|-----------------------|----------|------------------------|------------------------|------------|----------------------------|----------------------------|------------------------|
| | Civilian noninstitutional population | Civilian labor force | | | | | | | | |
| | | Total | Percent of population | Employed | | | Unemployed | | | Percent of labor force |
| | | | | Total | Full time ¹ | Part time ¹ | Total | Looking for full-time work | Looking for part-time work | |
| TOTAL NOT ENROLLED | | | | | | | | | | |
| Total, 16 to 24 years | 15,820 | 12,917 | 81.7 | 11,097 | 9,059 | 2,038 | 1,820 | 1,620 | 200 | 14.1 |
| 16 to 19 years | 2,949 | 2,191 | 74.3 | 1,662 | 1,149 | 513 | 529 | 443 | 85 | 24.1 |
| 20 to 24 years | 12,870 | 10,727 | 83.3 | 9,436 | 7,910 | 1,525 | 1,291 | 1,176 | 115 | 12.0 |
| Less than a high school diploma | 3,669 | 2,339 | 63.7 | 1,775 | 1,345 | 430 | 564 | 511 | 53 | 24.1 |
| High school graduates, no college | 6,635 | 5,542 | 83.5 | 4,817 | 3,991 | 826 | 725 | 656 | 69 | 13.1 |
| Less than a bachelor's degree | 4,113 | 3,687 | 89.6 | 3,234 | 2,614 | 620 | 453 | 389 | 64 | 12.3 |
| College graduates | 1,402 | 1,350 | 96.3 | 1,271 | 1,108 | 163 | 78 | 64 | 14 | 5.8 |
| Men, 16 to 24 years | 7,698 | 6,936 | 90.1 | 5,898 | 5,104 | 794 | 1,039 | 964 | 74 | 15.0 |
| 16 to 19 years | 1,445 | 1,181 | 81.8 | 878 | 664 | 214 | 303 | 271 | 32 | 25.7 |
| 20 to 24 years | 6,253 | 5,755 | 92.0 | 5,020 | 4,440 | 580 | 736 | 693 | 42 | 12.8 |
| Less than a high school diploma | 1,944 | 1,574 | 81.0 | 1,220 | 1,008 | 213 | 354 | 327 | 27 | 22.5 |
| High school graduates, no college | 3,332 | 3,096 | 92.9 | 2,691 | 2,398 | 293 | 405 | 392 | 14 | 13.1 |
| Less than a bachelor's degree | 1,836 | 1,703 | 92.8 | 1,469 | 1,229 | 241 | 234 | 211 | 23 | 13.7 |
| College graduates | 586 | 563 | 96.1 | 517 | 469 | 48 | 46 | 35 | 11 | 8.2 |
| Women, 16 to 24 years | 8,122 | 5,981 | 73.6 | 5,200 | 3,955 | 1,245 | 781 | 655 | 126 | 13.1 |
| 16 to 19 years | 1,505 | 1,009 | 67.1 | 784 | 485 | 299 | 225 | 172 | 53 | 22.3 |
| 20 to 24 years | 6,617 | 4,971 | 75.1 | 4,416 | 3,470 | 946 | 556 | 483 | 72 | 11.2 |
| Less than a high school diploma | 1,725 | 765 | 44.3 | 555 | 337 | 218 | 210 | 183 | 26 | 27.4 |
| High school graduates, no college | 3,304 | 2,445 | 74.0 | 2,126 | 1,593 | 533 | 319 | 264 | 55 | 13.1 |
| Less than a bachelor's degree | 2,277 | 1,984 | 87.1 | 1,765 | 1,386 | 379 | 219 | 178 | 41 | 11.1 |
| College graduates | 816 | 787 | 96.4 | 754 | 639 | 115 | 33 | 29 | 3 | 4.1 |
| White | | | | | | | | | | |
| Total, 16 to 24 years | 12,937 | 10,818 | 83.6 | 9,565 | 7,821 | 1,745 | 1,253 | 1,099 | 154 | 11.6 |
| 16 to 19 years | 2,394 | 1,847 | 77.1 | 1,457 | 1,013 | 444 | 389 | 317 | 72 | 21.1 |
| 20 to 24 years | 10,543 | 8,971 | 85.1 | 8,108 | 6,807 | 1,300 | 864 | 782 | 82 | 9.6 |
| Men | 6,334 | 5,809 | 91.7 | 5,087 | 4,428 | 659 | 722 | 669 | 53 | 12.4 |
| Women | 6,604 | 5,009 | 75.8 | 4,478 | 3,393 | 1,085 | 531 | 430 | 101 | 10.6 |
| Less than a high school diploma | 2,843 | 1,907 | 67.1 | 1,513 | 1,154 | 359 | 394 | 352 | 42 | 20.7 |
| High school graduates, no college | 5,379 | 4,567 | 84.9 | 4,098 | 3,411 | 687 | 468 | 421 | 47 | 10.3 |
| Less than a bachelor's degree | 3,471 | 3,142 | 90.5 | 2,813 | 2,265 | 548 | 329 | 274 | 55 | 10.5 |
| College graduates | 1,243 | 1,202 | 96.7 | 1,141 | 990 | 150 | 61 | 52 | 10 | 5.1 |
| Black | | | | | | | | | | |
| Total, 16 to 24 years | 2,317 | 1,665 | 71.9 | 1,173 | 936 | 238 | 492 | 455 | 37 | 29.5 |
| 16 to 19 years | 456 | 282 | 61.8 | 154 | 97 | 57 | 128 | 115 | 13 | 45.4 |
| 20 to 24 years | 1,860 | 1,383 | 74.3 | 1,019 | 839 | 181 | 364 | 340 | 24 | 26.3 |
| Men | 1,096 | 883 | 80.6 | 617 | 511 | 106 | 266 | 248 | 18 | 30.1 |
| Women | 1,220 | 782 | 64.0 | 556 | 425 | 132 | 225 | 207 | 19 | 28.8 |
| Less than a high school diploma | 690 | 357 | 51.8 | 200 | 142 | 59 | 157 | 146 | 11 | 43.9 |
| High school graduates, no college | 1,061 | 815 | 76.8 | 591 | 471 | 120 | 224 | 206 | 18 | 27.5 |
| Less than a bachelor's degree | 480 | 415 | 86.5 | 317 | 266 | 51 | 99 | 95 | 4 | 23.8 |
| College graduates | 85 | 77 | 90.9 | 65 | 58 | 7 | 12 | 7 | 5 | 15.8 |
| Hispanic origin | | | | | | | | | | |
| Total, 16 to 24 years | 2,082 | 1,502 | 72.1 | 1,286 | 1,024 | 262 | 216 | 192 | 24 | 14.4 |
| 16 to 19 years | 482 | 330 | 68.5 | 245 | 179 | 67 | 85 | 71 | 13 | 25.7 |
| 20 to 24 years | 1,600 | 1,172 | 73.2 | 1,041 | 845 | 196 | 131 | 121 | 11 | 11.2 |
| Men | 1,055 | 964 | 91.4 | 820 | 694 | 126 | 144 | 131 | 13 | 15.0 |
| Women | 1,027 | 538 | 52.4 | 466 | 330 | 137 | 72 | 61 | 11 | 13.3 |
| Less than a high school diploma | 1,090 | 719 | 66.0 | 604 | 465 | 140 | 115 | 106 | 9 | 16.0 |
| High school graduates, no college | 672 | 515 | 76.7 | 445 | 366 | 78 | 70 | 61 | 9 | 13.6 |
| Less than a bachelor's degree | 274 | 225 | 82.2 | 197 | 160 | 38 | 28 | 25 | 3 | 12.3 |
| College graduates | 47 | 42 | (²) | 39 | 33 | 6 | 3 | - | 3 | (²) |

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

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

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

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

**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 | | | | | | | |
|--------------------------------|--|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|---------------------------|-------------|
| | May 1992 | May 1993 | Total | | Employed | | Unemployed | | | |
| | | | May 1992 | May 1993 | May 1992 | May 1993 | Number | | Percent of labor force | |
| | | | | | | | May 1992 | May 1993 | May 1992 | May 1993 |
| VIETNAM-ERA VETERANS | | | | | | | | | | |
| Total, 35 years and over | 7,856 | 7,907 | 7,070 | 7,098 | 6,691 | 6,778 | 379 | 320 | 5.4 | 4.5 |
| 35 to 49 years | 6,295 | 5,981 | 5,921 | 5,626 | 5,598 | 5,362 | 323 | 264 | 5.5 | 4.7 |
| 35 to 39 years | 962 | 753 | 905 | 695 | 850 | 636 | 55 | 60 | 6.1 | 8.6 |
| 40 to 44 years | 2,736 | 2,321 | 2,569 | 2,204 | 2,423 | 2,112 | 146 | 92 | 5.7 | 4.2 |
| 45 to 49 years | 2,597 | 2,907 | 2,447 | 2,727 | 2,325 | 2,614 | 122 | 113 | 5.0 | 4.1 |
| 50 years and over | 1,561 | 1,926 | 1,149 | 1,472 | 1,093 | 1,416 | 56 | 56 | 4.9 | 3.8 |
| NONVETERANS | | | | | | | | | | |
| Total, 35 to 49 years | 19,154 | 20,221 | 17,874 | 18,810 | 16,892 | 17,848 | 982 | 962 | 5.5 | 5.1 |
| 35 to 39 years | 8,625 | 8,971 | 8,168 | 8,486 | 7,709 | 8,037 | 459 | 449 | 5.6 | 5.3 |
| 40 to 44 years | 6,171 | 6,710 | 5,744 | 6,237 | 5,444 | 5,931 | 300 | 306 | 5.2 | 4.9 |
| 45 to 49 years | 4,358 | 4,540 | 3,962 | 4,087 | 3,739 | 3,881 | 223 | 206 | 5.6 | 5.0 |

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

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

(In thousands)

| Sex, age, and race | May 1993 | | | | | | | |
|---------------------------------------|---------------|----------------------------------|--|---------------|------------------------|--|----------------------------|----------------------------|
| | Employed | | | | | | Unemployed | |
| | Full time | | | Part time | | | Looking for full-time work | Looking for part-time work |
| | Total | Full-time schedules ¹ | Part time for economic reasons, usually work full time | Total | Voluntary ¹ | Part time for economic reasons, usually work part time | | |
| TOTAL | | | | | | | | |
| Total, 16 years and over | 98,149 | 96,235 | 1,914 | 21,052 | 16,801 | 4,250 | 7,194 | 1,412 |
| 16 to 19 years | 1,465 | 1,378 | 87 | 3,835 | 3,483 | 352 | 710 | 674 |
| 16 to 17 years | 164 | 151 | 13 | 1,897 | 1,824 | 74 | 157 | 421 |
| 18 to 19 years | 1,300 | 1,226 | 74 | 1,937 | 1,659 | 279 | 553 | 253 |
| 20 years and over | 96,685 | 94,857 | 1,828 | 17,217 | 13,319 | 3,898 | 6,484 | 738 |
| 20 to 24 years | 8,735 | 8,488 | 247 | 3,287 | 2,475 | 811 | 1,384 | 205 |
| 25 years and over | 87,950 | 86,369 | 1,580 | 13,931 | 10,843 | 3,087 | 5,099 | 534 |
| 25 to 54 years | 77,026 | 75,631 | 1,395 | 10,020 | 7,411 | 2,609 | 4,583 | 415 |
| 55 years and over | 10,923 | 10,738 | 185 | 3,911 | 3,433 | 478 | 517 | 119 |
| Men, 16 years and over | 57,500 | 56,390 | 1,109 | 7,214 | 5,447 | 1,767 | 4,308 | 550 |
| 16 to 19 years | 843 | 802 | 40 | 1,863 | 1,709 | 154 | 395 | 337 |
| 20 years and over | 56,657 | 55,588 | 1,069 | 5,351 | 3,738 | 1,613 | 3,913 | 212 |
| 20 to 24 years | 4,858 | 4,719 | 139 | 1,404 | 1,038 | 366 | 809 | 88 |
| 25 years and over | 51,799 | 50,869 | 930 | 3,947 | 2,700 | 1,247 | 3,104 | 124 |
| 25 to 54 years | 45,052 | 44,216 | 837 | 2,298 | 1,243 | 1,055 | 2,750 | 70 |
| 55 years and over | 6,747 | 6,653 | 94 | 1,649 | 1,457 | 192 | 354 | 55 |
| Women, 16 years and over | 40,650 | 39,844 | 805 | 13,838 | 11,354 | 2,484 | 2,885 | 863 |
| 16 to 19 years | 622 | 576 | 46 | 1,971 | 1,773 | 198 | 315 | 337 |
| 20 years and over | 40,027 | 39,269 | 759 | 11,866 | 9,581 | 2,286 | 2,571 | 526 |
| 20 to 24 years | 3,877 | 3,769 | 109 | 1,883 | 1,437 | 446 | 575 | 117 |
| 25 years and over | 36,150 | 35,500 | 650 | 9,983 | 8,143 | 1,840 | 1,996 | 410 |
| 25 to 54 years | 31,974 | 31,415 | 559 | 7,722 | 6,168 | 1,554 | 1,832 | 346 |
| 55 years and over | 4,176 | 4,085 | 92 | 2,262 | 1,976 | 286 | 163 | 64 |
| White | | | | | | | | |
| Men, 16 years and over | 50,281 | 49,331 | 950 | 6,151 | 4,753 | 1,398 | 3,229 | 400 |
| 16 to 19 years | 755 | 723 | 32 | 1,628 | 1,500 | 128 | 281 | 239 |
| 20 years and over | 49,526 | 48,608 | 918 | 4,523 | 3,253 | 1,270 | 2,948 | 161 |
| 20 to 24 years | 4,207 | 4,081 | 126 | 1,177 | 876 | 301 | 566 | 70 |
| 25 years and over | 45,319 | 44,527 | 792 | 3,346 | 2,377 | 969 | 2,382 | 91 |
| 25 to 54 years | 39,288 | 38,576 | 712 | 1,866 | 1,040 | 825 | 2,116 | 47 |
| 55 years and over | 6,031 | 5,950 | 80 | 1,480 | 1,337 | 144 | 266 | 44 |
| Women, 16 years and over | 34,010 | 33,371 | 639 | 12,307 | 10,269 | 2,038 | 2,082 | 695 |
| 16 to 19 years | 539 | 500 | 39 | 1,747 | 1,571 | 177 | 225 | 272 |
| 20 years and over | 33,471 | 32,871 | 600 | 10,560 | 8,699 | 1,861 | 1,857 | 423 |
| 20 to 24 years | 3,312 | 3,232 | 80 | 1,590 | 1,208 | 381 | 374 | 81 |
| 25 years and over | 30,159 | 29,639 | 521 | 8,970 | 7,491 | 1,480 | 1,483 | 342 |
| 25 to 54 years | 26,565 | 26,120 | 445 | 6,934 | 5,682 | 1,252 | 1,346 | 286 |
| 55 years and over | 3,594 | 3,519 | 76 | 2,036 | 1,808 | 228 | 138 | 57 |
| Black | | | | | | | | |
| Men, 16 years and over | 5,176 | 5,060 | 117 | 759 | 466 | 294 | 864 | 123 |
| 16 to 19 years | 65 | 56 | 8 | 183 | 158 | 25 | 102 | 83 |
| 20 years and over | 5,112 | 5,003 | 108 | 577 | 308 | 269 | 762 | 40 |
| 20 to 24 years | 483 | 472 | 11 | 140 | 90 | 51 | 197 | 15 |
| 25 years and over | 4,628 | 4,531 | 97 | 436 | 218 | 218 | 565 | 25 |
| 25 to 54 years | 4,118 | 4,030 | 88 | 300 | 124 | 177 | 497 | 18 |
| 55 years and over | 510 | 501 | 9 | 136 | 94 | 41 | 68 | 7 |
| Women, 16 years and over | 5,062 | 4,922 | 139 | 1,070 | 720 | 350 | 688 | 133 |
| 16 to 19 years | 65 | 58 | 7 | 145 | 130 | 14 | 86 | 51 |
| 20 years and over | 4,997 | 4,864 | 132 | 925 | 590 | 335 | 602 | 81 |
| 20 to 24 years | 432 | 403 | 28 | 205 | 147 | 58 | 183 | 26 |
| 25 years and over | 4,565 | 4,461 | 104 | 720 | 443 | 277 | 419 | 55 |
| 25 to 54 years | 4,122 | 4,032 | 89 | 533 | 300 | 233 | 400 | 48 |
| 55 years and over | 444 | 429 | 15 | 187 | 143 | 44 | 19 | 7 |

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| Family relationship | May 1993 | | | | | | | | | |
|---|----------------------|-----------------------|----------|------------|------------------------|--------------------|---------------|-----------------|----------------|---------------|
| | Civilian labor force | | | | | Not in labor force | | | | |
| | Total | Percent of population | Employed | Unemployed | | Total | Keeping house | Going to school | Unable to work | Other reasons |
| | | | | Number | Percent of labor force | | | | | |
| Total, 16 years and over ¹ | 101,490 | 66.6 | 94,649 | 6,841 | 6.7 | 50,790 | 19,758 | 7,944 | 2,779 | 20,309 |
| Husbands | 40,307 | 77.5 | 38,631 | 1,676 | 4.2 | 11,692 | 274 | 176 | 1,026 | 10,215 |
| With employed wife | 27,246 | 91.4 | 26,197 | 1,049 | 3.9 | 2,560 | 133 | 107 | 417 | 1,904 |
| With unemployed wife | 1,123 | 92.7 | 959 | 164 | 14.6 | 88 | 6 | 3 | 25 | 54 |
| With wife not in labor force | 11,938 | 56.9 | 11,475 | 463 | 3.9 | 9,044 | 135 | 67 | 585 | 8,258 |
| Wives | 31,017 | 59.6 | 29,806 | 1,211 | 3.9 | 20,982 | 14,983 | 375 | 456 | 5,169 |
| With employed husband | 27,156 | 70.3 | 26,197 | 959 | 3.5 | 11,475 | 9,642 | 315 | 151 | 1,368 |
| With unemployed husband | 1,213 | 72.4 | 1,049 | 164 | 13.5 | 463 | 360 | 15 | 20 | 68 |
| With husband not in labor force | 2,649 | 22.7 | 2,560 | 88 | 3.3 | 9,044 | 4,981 | 45 | 285 | 3,733 |
| Relatives in married-couple families | 12,245 | 61.6 | 10,559 | 1,686 | 13.8 | 7,645 | 658 | 4,962 | 380 | 1,645 |
| 16 to 19 years | 4,171 | 50.4 | 3,409 | 762 | 18.3 | 4,108 | 89 | 3,740 | 11 | 268 |
| 20 to 24 years | 4,468 | 74.1 | 3,905 | 562 | 12.6 | 1,558 | 140 | 1,050 | 46 | 321 |
| 25 years and over | 3,607 | 64.6 | 3,245 | 362 | 10.0 | 1,979 | 429 | 172 | 323 | 1,056 |
| Women who maintain families | 7,517 | 62.1 | 6,806 | 711 | 9.5 | 4,590 | 2,733 | 260 | 319 | 1,278 |
| Relatives in families maintained by women | 5,855 | 59.1 | 4,790 | 1,065 | 18.2 | 4,045 | 760 | 1,777 | 393 | 1,115 |
| 16 to 19 years | 1,315 | 45.1 | 926 | 389 | 29.6 | 1,600 | 66 | 1,374 | 6 | 154 |
| 20 to 24 years | 1,529 | 72.1 | 1,232 | 297 | 19.4 | 592 | 127 | 292 | 24 | 148 |
| 25 years and over | 3,011 | 61.9 | 2,632 | 379 | 12.6 | 1,853 | 567 | 111 | 363 | 813 |
| Men who maintain families | 2,634 | 79.2 | 2,414 | 220 | 8.4 | 692 | 53 | 31 | 89 | 520 |
| Relatives in families maintained by men | 1,913 | 62.6 | 1,642 | 272 | 14.2 | 1,144 | 297 | 363 | 116 | 368 |
| 16 to 19 years | 316 | 50.4 | 239 | 77 | 24.3 | 311 | 15 | 273 | - | 24 |
| 20 to 24 years | 513 | 78.1 | 438 | 75 | 14.6 | 144 | 25 | 68 | 8 | 43 |
| 25 years and over | 1,085 | 61.2 | 965 | 120 | 11.1 | 689 | 257 | 22 | 108 | 301 |

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

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

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

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 | |
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| Total, 16 years and over | 5,332 | 4,858 | 7.7 | 7.0 | 3,837 | 3,748 | 6.7 | 6.4 |
| Married, spouse present | 2,035 | 1,849 | 4.8 | 4.3 | 1,449 | 1,308 | 4.6 | 4.1 |
| Widowed, divorced, or separated | 756 | 624 | 9.7 | 8.1 | 855 | 826 | 7.5 | 7.1 |
| Single (never married) | 2,541 | 2,385 | 13.4 | 12.7 | 1,533 | 1,614 | 10.7 | 11.0 |
| White, 16 years and over | 4,058 | 3,630 | 6.8 | 6.0 | 2,737 | 2,777 | 5.6 | 5.7 |
| Married, spouse present | 1,684 | 1,508 | 4.4 | 3.9 | 1,202 | 1,079 | 4.3 | 3.8 |
| Widowed, divorced, or separated | 595 | 474 | 9.3 | 7.4 | 613 | 620 | 6.7 | 6.7 |
| Single (never married) | 1,779 | 1,648 | 11.4 | 10.7 | 922 | 1,079 | 8.2 | 9.4 |
| Black, 16 years and over | 1,076 | 987 | 15.7 | 14.3 | 939 | 820 | 13.5 | 11.8 |
| Married, spouse present | 248 | 226 | 8.0 | 7.1 | 182 | 155 | 7.5 | 6.6 |
| Widowed, divorced, or separated | 151 | 120 | 13.2 | 11.1 | 215 | 176 | 11.3 | 8.9 |
| Single (never married) | 677 | 641 | 25.9 | 24.3 | 541 | 489 | 20.8 | 18.7 |
| Total, 25 years and over | 3,658 | 3,228 | 6.2 | 5.5 | 2,559 | 2,405 | 5.3 | 5.0 |
| Married, spouse present | 1,911 | 1,753 | 4.6 | 4.2 | 1,283 | 1,150 | 4.3 | 3.8 |
| Widowed, divorced, or separated | 735 | 593 | 9.7 | 7.9 | 796 | 758 | 7.2 | 6.7 |
| Single (never married) | 1,013 | 883 | 10.1 | 9.0 | 479 | 497 | 6.8 | 7.0 |
| White, 25 years and over | 2,826 | 2,474 | 5.6 | 4.8 | 1,884 | 1,826 | 4.7 | 4.5 |
| Married, spouse present | 1,571 | 1,438 | 4.3 | 3.9 | 1,077 | 966 | 4.1 | 3.6 |
| Widowed, divorced, or separated | 576 | 448 | 9.3 | 7.2 | 574 | 572 | 6.5 | 6.3 |
| Single (never married) | 680 | 588 | 8.5 | 7.5 | 232 | 287 | 4.5 | 5.5 |
| Black, 25 years and over | 678 | 590 | 12.0 | 10.4 | 573 | 474 | 9.9 | 8.2 |
| Married, spouse present | 240 | 203 | 8.0 | 6.6 | 154 | 119 | 6.7 | 5.4 |
| Widowed, divorced, or separated | 150 | 116 | 13.4 | 10.9 | 194 | 156 | 10.4 | 8.1 |
| Single (never married) | 289 | 271 | 18.9 | 17.9 | 225 | 199 | 13.9 | 12.4 |

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

| Occupation | Thousands of persons | | Unemployment rates | | | | | |
|---|----------------------|----------|--------------------|----------|------------------|------------------|------------------|------------------|
| | Total | | Total | | Men | | Women | |
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| Total, 16 years and over | 9,169 | 8,606 | 7.2 | 6.7 | 7.7 | 7.0 | 6.7 | 6.4 |
| Managerial and professional specialty | 1,013 | 1,007 | 3.2 | 3.0 | 3.3 | 3.0 | 3.0 | 3.1 |
| Executive, administrative, and managerial | 609 | 524 | 4.0 | 3.3 | 3.8 | 3.0 | 4.2 | 3.8 |
| Professional specialty | 404 | 483 | 2.4 | 2.8 | 2.8 | 3.1 | 2.0 | 2.5 |
| Technical, sales, and administrative support | 2,240 | 2,046 | 5.7 | 5.2 | 5.5 | 4.8 | 5.8 | 5.5 |
| Technicians and related support | 201 | 126 | 4.5 | 3.0 | 6.1 | 3.4 | 2.7 | 2.6 |
| Sales occupations | 932 | 924 | 6.2 | 6.1 | 4.9 | 5.0 | 7.6 | 7.2 |
| Administrative support, including clerical | 1,108 | 996 | 5.6 | 5.1 | 6.4 | 5.1 | 5.3 | 5.1 |
| Service occupations | 1,451 | 1,399 | 8.3 | 7.8 | 9.2 | 8.3 | 7.7 | 7.5 |
| Private household | 53 | 56 | 6.2 | 6.2 | (¹) | (¹) | 6.4 | 6.4 |
| Protective service | 117 | 94 | 5.4 | 4.2 | 5.5 | 4.4 | 4.7 | 3.3 |
| Service, except private household and protective | 1,282 | 1,250 | 8.9 | 8.5 | 10.5 | 9.7 | 8.0 | 7.8 |
| Precision production, craft, and repair | 1,174 | 1,092 | 8.3 | 7.6 | 8.5 | 7.7 | 6.0 | 6.7 |
| Mechanics and repairers | 276 | 265 | 6.0 | 5.8 | 5.9 | 5.8 | 7.0 | 6.1 |
| Construction trades | 682 | 579 | 12.3 | 10.3 | 12.3 | 10.3 | 15.2 | 11.5 |
| Other precision production, craft, and repair | 217 | 248 | 5.4 | 6.0 | 5.5 | 5.9 | 4.9 | 6.3 |
| Operators, fabricators, and laborers | 2,010 | 1,766 | 10.7 | 9.4 | 10.6 | 9.4 | 11.1 | 9.6 |
| Machine operators, assemblers, and inspectors | 853 | 751 | 10.1 | 9.3 | 9.7 | 8.8 | 10.7 | 9.9 |
| Transportation and material moving occupations | 385 | 355 | 7.4 | 6.6 | 7.4 | 6.9 | 7.2 | 3.9 |
| Handlers, equipment cleaners, helpers, and laborers | 771 | 660 | 15.1 | 12.6 | 15.2 | 12.9 | 14.4 | 11.5 |
| Construction laborers | 180 | 128 | 22.3 | 16.9 | 22.1 | 17.1 | (¹) | (¹) |
| Other handlers, equipment cleaners, helpers, and laborers | 591 | 532 | 13.7 | 11.9 | 13.6 | 12.0 | 13.9 | 11.7 |
| Farming, forestry, and fishing | 241 | 219 | 6.3 | 5.8 | 6.3 | 5.4 | 6.5 | 7.9 |
| No previous work experience | 979 | 1,033 | - | - | - | - | - | - |
| 16 to 19 years | 632 | 681 | - | - | - | - | - | - |
| 20 to 24 years | 189 | 222 | - | - | - | - | - | - |
| 25 years and over | 158 | 129 | - | - | - | - | - | - |

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 | |
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| Total, 16 years and over | 9,169 | 8,606 | 7.2 | 6.7 | 7.7 | 7.0 | 6.7 | 6.4 |
| Nonagricultural private wage and salary workers | 7,184 | 6,669 | 7.6 | 7.1 | 8.2 | 7.4 | 6.9 | 6.6 |
| Mining | 50 | 63 | 7.5 | 9.6 | 8.9 | 9.7 | 1.4 | 8.9 |
| Construction | 912 | 821 | 15.1 | 13.7 | 15.7 | 14.2 | 9.2 | 9.4 |
| Manufacturing | 1,580 | 1,415 | 7.5 | 6.9 | 7.1 | 6.4 | 8.1 | 7.9 |
| Durable goods | 919 | 783 | 7.4 | 6.6 | 7.6 | 6.4 | 7.0 | 7.2 |
| Lumber and wood products | 79 | 57 | 10.8 | 8.3 | 10.9 | 9.1 | 10.0 | 4.8 |
| Furniture and fixtures | 63 | 43 | 10.1 | 7.3 | 11.2 | 8.3 | 7.2 | 5.2 |
| Stone, clay, and glass products | 46 | 44 | 8.4 | 7.9 | 9.7 | 9.3 | 3.4 | 7 |
| Primary metal industries | 74 | 55 | 9.0 | 7.1 | 9.2 | 7.1 | 7.2 | 6.4 |
| Fabricated metal products | 94 | 89 | 7.4 | 7.3 | 7.2 | 6.6 | 8.6 | 9.4 |
| Machinery and computing equipment | 150 | 113 | 5.9 | 4.9 | 5.5 | 4.0 | 7.0 | 7.8 |
| Electrical machinery, equipment, and supplies | 121 | 122 | 6.3 | 6.4 | 6.4 | 4.7 | 6.1 | 8.8 |
| Transportation equipment | 198 | 171 | 7.7 | 6.9 | 7.7 | 7.4 | 7.5 | 5.3 |
| Automobiles | 89 | 67 | 6.8 | 5.3 | 5.9 | 5.3 | 9.8 | 5.3 |
| Other transportation equipment | 109 | 104 | 8.5 | 8.7 | 9.6 | 9.6 | 5.0 | 5.2 |
| Professional and photographic equipment | 43 | 42 | 5.0 | 5.6 | 5.4 | 5.0 | 4.5 | 6.5 |
| Other durable goods industries | 51 | 47 | 10.0 | 8.6 | 10.0 | 7.3 | 10.3 | 10.6 |
| Nondurable goods | 661 | 631 | 7.5 | 7.2 | 6.4 | 6.4 | 9.1 | 8.5 |
| Food and kindred products | 167 | 175 | 8.8 | 9.0 | 7.8 | 8.2 | 10.8 | 10.6 |
| Textile mill products | 35 | 46 | 5.6 | 7.2 | 3.6 | 7.7 | 7.8 | 6.8 |
| Apparel and other textile products | 117 | 115 | 10.4 | 10.7 | 8.1 | 7.7 | 11.2 | 11.8 |
| Paper and allied products | 43 | 21 | 5.8 | 2.9 | 7.0 | 2.2 | 2.2 | 5.0 |
| Printing and publishing | 97 | 114 | 5.5 | 6.2 | 4.8 | 5.6 | 6.5 | 7.1 |
| Chemicals and allied products | 79 | 73 | 5.8 | 5.8 | 5.1 | 6.3 | 7.2 | 4.8 |
| Rubber and miscellaneous plastics products | 75 | 61 | 9.0 | 7.4 | 7.9 | 7.8 | 11.1 | 6.7 |
| Other nondurable goods industries | 47 | 28 | 10.9 | 6.6 | 8.1 | 4.1 | 17.0 | 12.5 |
| Transportation and public utilities | 323 | 359 | 4.9 | 5.3 | 5.0 | 5.7 | 4.8 | 4.3 |
| Transportation | 234 | 283 | 6.3 | 7.0 | 6.6 | 7.7 | 5.3 | 4.7 |
| Communications and other public utilities | 89 | 76 | 3.2 | 2.8 | 2.5 | 2.1 | 4.4 | 3.9 |
| Wholesale and retail trade | 2,042 | 2,000 | 8.3 | 8.1 | 7.9 | 7.9 | 8.8 | 8.4 |
| Wholesale trade | 326 | 309 | 6.9 | 6.7 | 6.5 | 6.0 | 7.9 | 8.3 |
| Retail trade | 1,716 | 1,690 | 8.7 | 8.5 | 8.4 | 8.5 | 8.9 | 8.5 |
| Finance, insurance, and real estate | 342 | 292 | 4.8 | 4.1 | 4.4 | 3.6 | 5.1 | 4.3 |
| Service industries | 1,934 | 1,720 | 6.8 | 6.0 | 8.3 | 6.4 | 5.8 | 5.7 |
| Professional services | 787 | 718 | 4.6 | 4.2 | 5.9 | 4.0 | 4.1 | 4.3 |
| Other service industries | 1,148 | 1,002 | 10.0 | 8.5 | 10.4 | 8.4 | 9.5 | 8.5 |
| Agricultural wage and salary workers | 219 | 155 | 11.0 | 8.4 | 11.4 | 8.1 | 9.6 | 9.7 |
| Government, self-employed, and unpaid family workers | 787 | 749 | 2.7 | 2.5 | 3.0 | 2.6 | 2.3 | 2.3 |
| No previous work experience | 979 | 1,033 | - | - | - | - | - | - |

**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 | |
|--|------------------|----------|------------------------|----------|--------------------------|----------|----------------------------|----------|----------|----------|----------|----------|
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| NUMBER OF UNEMPLOYED | | | | | | | | | | | | |
| Total unemployed | 9,169 | 8,606 | 4,586 | 4,125 | 3,236 | 3,097 | 1,348 | 1,384 | 6,795 | 6,407 | 2,015 | 1,807 |
| Job losers | 5,157 | 4,465 | 3,292 | 2,725 | 1,621 | 1,525 | 243 | 215 | 3,946 | 3,465 | 1,023 | 828 |
| On layoff | 1,020 | 971 | 659 | 603 | 326 | 326 | 36 | 42 | 877 | 828 | 123 | 129 |
| Other job losers | 4,137 | 3,494 | 2,633 | 2,123 | 1,296 | 1,199 | 207 | 173 | 3,069 | 2,637 | 900 | 699 |
| Job leavers | 901 | 881 | 363 | 423 | 377 | 347 | 160 | 112 | 703 | 684 | 163 | 154 |
| Reentrants | 2,220 | 2,322 | 821 | 851 | 1,035 | 1,058 | 364 | 413 | 1,551 | 1,625 | 582 | 599 |
| New entrants | 892 | 937 | 110 | 126 | 202 | 168 | 580 | 644 | 595 | 633 | 247 | 226 |
| PERCENT DISTRIBUTION | | | | | | | | | | | | |
| Total unemployed | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Job losers | 56.2 | 51.9 | 71.8 | 66.1 | 50.1 | 49.2 | 18.0 | 15.5 | 58.1 | 54.1 | 50.8 | 45.8 |
| On layoff | 11.1 | 11.3 | 14.4 | 14.6 | 10.1 | 10.5 | 2.7 | 3.1 | 12.9 | 12.9 | 6.1 | 7.1 |
| Other job losers | 45.1 | 40.6 | 57.4 | 51.5 | 40.0 | 38.7 | 15.4 | 12.5 | 45.2 | 41.2 | 44.7 | 38.7 |
| Job leavers | 9.8 | 10.2 | 7.9 | 10.2 | 11.7 | 11.2 | 11.9 | 8.1 | 10.3 | 10.7 | 8.1 | 8.5 |
| Reentrants | 24.2 | 27.0 | 17.9 | 20.6 | 32.0 | 34.2 | 27.0 | 29.9 | 22.8 | 25.4 | 28.9 | 33.2 |
| New entrants | 9.7 | 10.9 | 2.4 | 3.1 | 6.2 | 5.4 | 43.1 | 46.5 | 8.8 | 9.9 | 12.3 | 12.5 |
| UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE | | | | | | | | | | | | |
| Job losers | 4.1 | 3.5 | 5.0 | 4.1 | 3.0 | 2.8 | 3.8 | 3.2 | 3.6 | 3.2 | 7.4 | 6.0 |
| Job leavers | .7 | .7 | .6 | .6 | .7 | .6 | 2.5 | 1.7 | .6 | .6 | 1.2 | 1.1 |
| Reentrants | 1.8 | 1.8 | 1.2 | 1.3 | 1.9 | 1.9 | 5.6 | 6.2 | 1.4 | 1.5 | 4.2 | 4.3 |
| New entrants | .7 | .7 | .2 | .2 | .4 | .3 | 9.0 | 9.6 | .5 | .6 | 1.8 | 1.6 |

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

(Percent distribution)

| Reason, sex, and age | May 1993 | | | | | | |
|----------------------------------|----------------------|---------|--------------------------|------------------|-------------------|------------------|-------------------|
| | Total unemployed | | Duration of unemployment | | | | |
| | Thousands of persons | Percent | Less than 5 weeks | 5 to 14 weeks | 15 weeks and over | | |
| | | | | | Total | 15 to 26 weeks | 27 weeks and over |
| Total, 16 years and over | 8,606 | 100.0 | 38.0 | 24.8 | 37.2 | 16.5 | 20.7 |
| Job losers | 4,465 | 100.0 | 26.4 | 25.4 | 48.2 | 21.3 | 26.9 |
| On layoff | 971 | 100.0 | 42.1 | 23.1 | 34.8 | 22.5 | 12.3 |
| Other job losers | 3,494 | 100.0 | 22.0 | 26.0 | 52.0 | 21.0 | 31.0 |
| Job leavers | 881 | 100.0 | 45.7 | 25.5 | 28.8 | 12.4 | 16.4 |
| Reentrants | 2,322 | 100.0 | 50.3 | 24.2 | 25.6 | 11.4 | 14.2 |
| New entrants | 937 | 100.0 | 55.5 | 22.8 | 21.7 | 10.3 | 11.4 |
| Men, 20 years and over | 4,125 | 100.0 | 29.7 | 24.5 | 45.8 | 19.7 | 26.1 |
| Job losers | 2,725 | 100.0 | 23.5 | 24.7 | 51.8 | 22.8 | 29.0 |
| On layoff | 603 | 100.0 | 38.5 | 23.6 | 37.9 | 25.0 | 12.8 |
| Other job losers | 2,123 | 100.0 | 19.2 | 25.0 | 55.8 | 22.1 | 33.6 |
| Job leavers | 423 | 100.0 | 39.0 | 26.4 | 34.6 | 12.4 | 22.2 |
| Reentrants | 851 | 100.0 | 42.4 | 23.4 | 34.2 | 14.1 | 20.0 |
| New entrants | 126 | 100.0 | 47.2 | 19.7 | 33.1 | 16.6 | 16.5 |
| Women, 20 years and over | 3,097 | 100.0 | 38.7 | 25.7 | 35.6 | 15.8 | 19.8 |
| Job losers | 1,525 | 100.0 | 28.1 | 26.6 | 45.3 | 19.6 | 25.7 |
| On layoff | 326 | 100.0 | 45.2 | 23.9 | 30.9 | 18.2 | 12.7 |
| Other job losers | 1,199 | 100.0 | 23.4 | 27.3 | 49.3 | 20.0 | 29.2 |
| Job leavers | 347 | 100.0 | 44.3 | 26.0 | 29.8 | 15.4 | 14.3 |
| Reentrants | 1,058 | 100.0 | 50.3 | 24.5 | 25.3 | 11.6 | 13.6 |
| New entrants | 168 | 100.0 | 51.2 | 25.0 | 23.8 | 8.3 | 15.5 |
| Both sexes, 16 to 19 years | 1,384 | 100.0 | 61.0 | 23.6 | 15.4 | 8.5 | 6.9 |
| Job losers | 215 | 100.0 | 51.1 | 25.3 | 23.6 | 15.1 | 8.5 |
| On layoff | 42 | 100.0 | (¹) | (¹) | (¹) | (¹) | (¹) |
| Other job losers | 173 | 100.0 | 46.7 | 29.1 | 24.2 | 13.7 | 10.5 |
| Job leavers | 112 | 100.0 | 75.6 | 20.5 | 3.9 | 3.3 | .6 |
| Reentrants | 413 | 100.0 | 66.4 | 24.9 | 8.7 | 5.0 | 3.8 |
| New entrants | 644 | 100.0 | 58.3 | 22.8 | 18.9 | 9.6 | 9.4 |

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

A-16. Unemployed persons by duration of unemployment

| Duration of unemployment | Total | | | | Full-time workers | | | |
|---|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|
| | Thousands of persons | | Percent distribution | | Thousands of persons | | Percent distribution | |
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| Total, 16 years and over | 9,169 | 8,606 | 100.0 | 100.0 | 7,657 | 7,194 | 100.0 | 100.0 |
| Less than 5 weeks | 3,306 | 3,269 | 36.1 | 38.0 | 2,452 | 2,480 | 32.0 | 34.5 |
| 5 to 14 weeks | 2,294 | 2,132 | 25.0 | 24.8 | 1,948 | 1,801 | 25.4 | 25.0 |
| 5 to 10 weeks | 1,689 | 1,608 | 18.4 | 18.7 | 1,412 | 1,336 | 18.4 | 18.6 |
| 11 to 14 weeks | 605 | 523 | 6.6 | 6.1 | 536 | 466 | 7.0 | 6.5 |
| 15 weeks and over | 3,569 | 3,205 | 38.9 | 37.2 | 3,257 | 2,912 | 42.5 | 40.5 |
| 15 to 26 weeks | 1,586 | 1,422 | 17.3 | 16.5 | 1,422 | 1,287 | 18.6 | 17.9 |
| 27 weeks and over | 1,983 | 1,783 | 21.6 | 20.7 | 1,835 | 1,625 | 24.0 | 22.6 |
| 27 to 51 weeks | 913 | 746 | 10.0 | 8.7 | 847 | 679 | 11.1 | 9.4 |
| 52 weeks and over | 1,070 | 1,037 | 11.7 | 12.1 | 988 | 946 | 12.9 | 13.2 |
| Average (mean) duration, in weeks | 18.6 | 18.3 | - | - | 20.2 | 19.7 | - | - |
| Median duration, in weeks | 9.0 | 8.3 | - | - | 10.4 | 9.5 | - | - |

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

| Sex, age, race, and marital status | Thousands of persons | | | | | Weeks | | Percent of unemployed in group | | | |
|---------------------------------------|----------------------|-------------------|---------------|----------------|-------------------|-------------------------|------------------|--------------------------------|------------------|------------------------------|------------------|
| | Total | Less than 5 weeks | 5 to 14 weeks | 15 to 26 weeks | 27 weeks and over | Average (mean) duration | Median duration | Unemployed less than 5 weeks | | Unemployed 15 weeks and over | |
| | May 1993 | | | | | | | May 1992 | May 1993 | May 1992 | May 1993 |
| Total, 16 years and over | 8,606 | 3,269 | 2,132 | 1,422 | 1,783 | 18.3 | 8.3 | 36.1 | 38.0 | 38.9 | 37.2 |
| 16 to 19 years | 1,384 | 844 | 327 | 118 | 95 | 8.5 | 3.7 | 55.0 | 61.0 | 18.7 | 15.4 |
| 20 to 24 years | 1,589 | 826 | 411 | 189 | 163 | 11.4 | 4.3 | 49.2 | 52.0 | 23.4 | 22.2 |
| 25 to 34 years | 2,191 | 724 | 577 | 403 | 487 | 19.2 | 9.8 | 29.9 | 33.1 | 43.4 | 40.6 |
| 35 to 44 years | 1,719 | 468 | 414 | 379 | 458 | 22.0 | 13.7 | 30.2 | 27.2 | 46.7 | 48.7 |
| 45 to 54 years | 1,088 | 264 | 239 | 216 | 370 | 27.9 | 16.8 | 26.5 | 24.2 | 52.2 | 53.9 |
| 55 to 64 years | 541 | 118 | 145 | 99 | 179 | 27.9 | 15.4 | 21.0 | 21.7 | 56.8 | 51.4 |
| 65 years and over | 95 | 25 | 20 | 17 | 33 | 27.0 | 16.1 | 31.7 | 26.7 | 47.1 | 52.3 |
| Men, 16 years and over | 4,858 | 1,633 | 1,201 | 887 | 1,136 | 20.4 | 9.8 | 32.1 | 33.6 | 42.5 | 41.7 |
| 16 to 19 years | 733 | 407 | 193 | 73 | 60 | 9.2 | 4.0 | 50.1 | 55.6 | 20.7 | 18.1 |
| 20 to 24 years | 897 | 431 | 228 | 128 | 110 | 13.0 | 5.2 | 47.0 | 48.1 | 26.1 | 26.5 |
| 25 to 34 years | 1,243 | 364 | 327 | 225 | 327 | 21.9 | 11.2 | 25.8 | 29.3 | 48.3 | 44.4 |
| 35 to 44 years | 976 | 219 | 244 | 238 | 276 | 23.7 | 15.8 | 26.5 | 22.5 | 48.3 | 52.6 |
| 45 to 54 years | 601 | 137 | 105 | 140 | 218 | 30.4 | 19.5 | 22.9 | 22.8 | 56.9 | 59.7 |
| 55 to 64 years | 359 | 67 | 97 | 72 | 123 | 29.5 | 17.2 | 18.1 | 18.5 | 58.1 | 54.5 |
| 65 years and over | 49 | 7 | 8 | 11 | 23 | (¹) | (¹) | 24.0 | (¹) | 50.9 | (¹) |
| Women, 16 years and over | 3,748 | 1,636 | 930 | 535 | 647 | 15.6 | 6.3 | 41.6 | 43.6 | 34.0 | 31.5 |
| 16 to 19 years | 651 | 437 | 134 | 45 | 35 | 7.7 | 3.4 | 61.1 | 67.1 | 16.2 | 12.3 |
| 20 to 24 years | 692 | 395 | 183 | 61 | 53 | 9.2 | 3.9 | 52.2 | 57.0 | 19.7 | 16.5 |
| 25 to 34 years | 948 | 360 | 250 | 179 | 160 | 15.7 | 8.2 | 35.6 | 38.0 | 36.4 | 35.7 |
| 35 to 44 years | 743 | 249 | 171 | 141 | 182 | 19.7 | 10.0 | 34.9 | 33.5 | 44.6 | 43.5 |
| 45 to 54 years | 488 | 127 | 133 | 76 | 152 | 24.8 | 12.8 | 32.0 | 26.0 | 45.0 | 46.7 |
| 55 to 64 years | 182 | 51 | 48 | 27 | 55 | 24.6 | 11.6 | 26.8 | 28.1 | 54.1 | 45.4 |
| 65 years and over | 45 | 18 | 12 | 6 | 10 | (¹) | (¹) | 38.7 | (¹) | 43.7 | (¹) |
| White, 16 years and over | 6,407 | 2,470 | 1,550 | 1,066 | 1,321 | 18.2 | 8.3 | 35.6 | 38.6 | 39.1 | 37.3 |
| Men | 3,630 | 1,244 | 886 | 654 | 845 | 20.3 | 9.6 | 32.2 | 34.3 | 42.1 | 41.3 |
| Women | 2,777 | 1,226 | 664 | 412 | 476 | 15.4 | 6.3 | 40.6 | 44.1 | 34.7 | 32.0 |
| Black, 16 years and over | 1,807 | 669 | 473 | 290 | 376 | 18.2 | 8.1 | 36.9 | 37.0 | 39.4 | 36.8 |
| Men | 987 | 311 | 246 | 187 | 243 | 20.7 | 10.5 | 30.3 | 31.5 | 44.6 | 43.6 |
| Women | 820 | 358 | 227 | 103 | 133 | 15.3 | 5.9 | 44.6 | 43.6 | 33.3 | 28.7 |
| Men, 16 years and over: | | | | | | | | | | | |
| Married, spouse present | 1,849 | 437 | 460 | 409 | 543 | 23.9 | 15.3 | 24.8 | 23.6 | 50.0 | 51.5 |
| Widowed, divorced, or separated | 624 | 172 | 125 | 148 | 178 | 26.2 | 15.7 | 27.0 | 27.6 | 50.4 | 52.4 |
| Single (never married) | 2,385 | 1,024 | 616 | 330 | 416 | 16.2 | 6.7 | 39.4 | 42.9 | 34.0 | 31.2 |
| Women, 16 years and over: | | | | | | | | | | | |
| Married, spouse present | 1,308 | 470 | 356 | 207 | 275 | 18.3 | 8.9 | 36.9 | 35.9 | 39.3 | 36.9 |
| Widowed, divorced, or separated | 826 | 285 | 203 | 133 | 205 | 19.1 | 9.2 | 35.9 | 34.5 | 38.7 | 40.8 |
| Single (never married) | 1,614 | 880 | 372 | 196 | 166 | 11.6 | 4.1 | 49.2 | 54.5 | 26.5 | 22.5 |

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

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

| Occupation and industry | Thousands of persons | | | | | Weeks | | Percent of unemployed in group | | | |
|--|----------------------|-------------------|---------------|----------------|-------------------|-------------------------|-----------------|--------------------------------|----------|------------------------------|----------|
| | Total | Less than 5 weeks | 5 to 14 weeks | 15 to 26 weeks | 27 weeks and over | Average (mean) duration | Median duration | Unemployed less than 5 weeks | | Unemployed 15 weeks and over | |
| | May 1993 | | | | | | | May 1992 | May 1993 | May 1992 | May 1993 |
| OCCUPATION | | | | | | | | | | | |
| Managerial and professional specialty | 1,007 | 286 | 224 | 188 | 309 | 24.4 | 14.0 | 29.6 | 28.4 | 46.8 | 49.4 |
| Technical, sales, and administrative support | 2,046 | 770 | 542 | 311 | 423 | 18.0 | 8.3 | 34.0 | 37.6 | 42.7 | 35.9 |
| Service occupations | 1,399 | 607 | 373 | 194 | 225 | 15.4 | 6.1 | 40.7 | 43.4 | 31.9 | 29.9 |
| Precision production, craft, and repair | 1,092 | 314 | 280 | 259 | 239 | 20.6 | 12.5 | 26.5 | 28.8 | 44.5 | 45.6 |
| Operators, fabricators, and laborers | 1,766 | 639 | 398 | 317 | 412 | 20.1 | 9.4 | 34.6 | 36.2 | 42.0 | 41.3 |
| Farming, forestry, and fishing | 219 | 84 | 65 | 33 | 37 | 16.0 | 7.9 | 37.3 | 38.4 | 38.2 | 32.0 |
| INDUSTRY¹ | | | | | | | | | | | |
| Agriculture | 155 | 69 | 47 | 13 | 26 | 14.7 | 7.1 | 33.8 | 44.5 | 44.7 | 25.2 |
| Construction | 834 | 229 | 185 | 224 | 196 | 21.5 | 14.7 | 29.9 | 27.5 | 41.9 | 50.4 |
| Manufacturing | 1,417 | 425 | 338 | 286 | 369 | 22.2 | 12.2 | 28.1 | 30.0 | 47.6 | 46.2 |
| Durable goods | 786 | 215 | 197 | 156 | 217 | 23.7 | 13.0 | 23.6 | 27.4 | 49.6 | 47.6 |
| Nondurable goods | 632 | 210 | 141 | 130 | 151 | 20.2 | 11.2 | 34.5 | 33.2 | 44.7 | 44.5 |
| Transportation and public utilities | 379 | 113 | 100 | 64 | 102 | 22.3 | 9.8 | 28.4 | 29.8 | 49.2 | 43.8 |
| Wholesale and retail trade | 2,021 | 821 | 492 | 290 | 417 | 17.4 | 7.7 | 36.4 | 40.6 | 38.9 | 35.0 |
| Finance and service industries | 2,288 | 881 | 599 | 366 | 442 | 17.6 | 7.6 | 37.8 | 38.5 | 37.4 | 35.4 |
| Public administration | 171 | 42 | 64 | 26 | 39 | 20.5 | 10.0 | 27.5 | 24.6 | 38.8 | 38.0 |
| No previous work experience | 1,033 | 564 | 241 | 108 | 119 | 11.5 | 4.1 | 54.7 | 54.6 | 19.7 | 22.0 |

¹ Includes wage and salary workers only.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

| Sex, age, and race | May 1993 | | | | | | | | |
|--------------------------------|----------------------|-------------------|---|---------------------------|-------------------|------------------------|----------------------|------------------|--------------------------------|
| | 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 | 8,606 | 7,472 | 21.8 | 8.7 | 71.9 | 43.0 | 23.4 | 5.2 | 1.74 |
| 16 to 19 years | 1,384 | 1,308 | 10.8 | 3.1 | 81.1 | 27.7 | 19.0 | 3.4 | 1.45 |
| 20 to 24 years | 1,589 | 1,454 | 18.7 | 6.0 | 75.7 | 42.2 | 19.3 | 3.7 | 1.66 |
| 25 to 34 years | 2,191 | 1,856 | 27.2 | 10.9 | 67.4 | 48.1 | 23.5 | 5.6 | 1.83 |
| 35 to 44 years | 1,719 | 1,408 | 26.0 | 10.6 | 67.6 | 45.5 | 27.9 | 5.9 | 1.84 |
| 45 to 54 years | 1,088 | 909 | 26.9 | 11.8 | 71.7 | 49.9 | 25.6 | 7.1 | 1.93 |
| 55 to 64 years | 541 | 448 | 20.7 | 13.2 | 65.0 | 46.6 | 29.8 | 8.0 | 1.83 |
| 65 years and over | 95 | 89 | 10.5 | 1.1 | 67.8 | 41.8 | 25.4 | 7.3 | 1.54 |
| Men, 16 years and over | 4,858 | 4,122 | 23.3 | 9.4 | 73.0 | 41.8 | 25.6 | 6.1 | 1.79 |
| 16 to 19 years | 733 | 687 | 12.4 | 5.1 | 82.5 | 25.6 | 20.5 | 2.9 | 1.49 |
| 20 to 24 years | 897 | 802 | 20.6 | 5.0 | 75.3 | 43.1 | 21.1 | 4.2 | 1.69 |
| 25 to 34 years | 1,243 | 1,017 | 29.3 | 11.6 | 67.4 | 46.3 | 27.0 | 6.9 | 1.88 |
| 35 to 44 years | 976 | 773 | 27.1 | 12.4 | 70.7 | 43.4 | 29.1 | 7.0 | 1.90 |
| 45 to 54 years | 601 | 493 | 27.6 | 13.7 | 73.8 | 50.6 | 27.8 | 8.9 | 2.02 |
| 55 to 64 years | 359 | 304 | 20.7 | 10.2 | 69.5 | 41.6 | 30.7 | 9.3 | 1.82 |
| 65 years and over | 49 | 46 | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) |
| Women, 16 years and over | 3,748 | 3,350 | 20.0 | 7.7 | 70.5 | 44.4 | 20.7 | 4.1 | 1.67 |
| 16 to 19 years | 651 | 621 | 9.0 | .9 | 79.6 | 30.0 | 17.2 | 3.8 | 1.41 |
| 20 to 24 years | 692 | 652 | 16.3 | 7.2 | 76.2 | 41.0 | 17.1 | 3.1 | 1.61 |
| 25 to 34 years | 948 | 839 | 24.7 | 10.1 | 67.5 | 50.4 | 19.3 | 4.0 | 1.76 |
| 35 to 44 years | 743 | 635 | 24.7 | 8.4 | 63.9 | 48.1 | 26.4 | 4.5 | 1.76 |
| 45 to 54 years | 488 | 417 | 26.2 | 9.6 | 69.1 | 49.2 | 23.0 | 5.0 | 1.82 |
| 55 to 64 years | 182 | 144 | 20.7 | 19.5 | 55.5 | 57.3 | 28.0 | 5.2 | 1.86 |
| 65 years and over | 45 | 43 | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) |
| White, 16 years and over | 6,407 | 5,444 | 21.0 | 8.8 | 73.1 | 44.2 | 22.8 | 5.8 | 1.76 |
| Men | 3,630 | 3,012 | 22.0 | 9.3 | 74.3 | 42.9 | 24.2 | 6.9 | 1.80 |
| Women | 2,777 | 2,432 | 19.8 | 8.3 | 71.5 | 45.7 | 21.0 | 4.4 | 1.71 |
| Black, 16 years and over | 1,807 | 1,660 | 25.5 | 8.4 | 70.9 | 36.6 | 21.8 | 4.0 | 1.67 |
| Men | 987 | 889 | 28.6 | 10.3 | 70.7 | 35.2 | 27.0 | 3.8 | 1.76 |
| Women | 820 | 771 | 21.9 | 6.3 | 71.1 | 38.3 | 15.8 | 4.2 | 1.57 |

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

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

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

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

| Sex and reason | May 1993 | | | | | | | | |
|--------------------------------|----------------------|-------------------|---|---------------------------|-------------------|------------------------|----------------------|-------|--------------------------------|
| | 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 | 8,606 | 7,472 | 21.8 | 8.7 | 71.9 | 43.0 | 23.4 | 5.2 | 1.74 |
| Job losers ¹ | 4,465 | 3,447 | 27.4 | 11.8 | 73.5 | 50.4 | 27.4 | 4.1 | 1.95 |
| Job leavers | 881 | 845 | 23.6 | 9.4 | 68.0 | 46.6 | 22.0 | 3.4 | 1.75 |
| Reentrants | 2,322 | 2,264 | 16.7 | 5.8 | 68.1 | 36.5 | 18.5 | 8.9 | 1.55 |
| New entrants | 937 | 916 | 12.0 | 3.3 | 78.5 | 25.8 | 21.5 | 2.0 | 1.43 |
| Men, 16 years and over | 4,858 | 4,122 | 23.3 | 9.4 | 73.0 | 41.8 | 25.6 | 6.1 | 1.79 |
| Job losers ¹ | 2,866 | 2,210 | 27.5 | 11.7 | 75.1 | 49.3 | 27.5 | 5.5 | 1.97 |
| Job leavers | 472 | 443 | 25.6 | 11.3 | 68.6 | 41.2 | 27.9 | 4.6 | 1.79 |
| Reentrants | 1,066 | 1,027 | 17.2 | 5.2 | 68.6 | 32.4 | 22.4 | 10.2 | 1.56 |
| New entrants | 454 | 442 | 14.1 | 6.1 | 77.0 | 26.8 | 20.9 | 1.2 | 1.46 |
| Women, 16 years and over | 3,748 | 3,350 | 20.0 | 7.7 | 70.5 | 44.4 | 20.7 | 4.1 | 1.67 |
| Job losers ¹ | 1,600 | 1,238 | 27.2 | 12.0 | 70.6 | 52.5 | 27.1 | 1.6 | 1.91 |
| Job leavers | 409 | 402 | 21.5 | 7.4 | 67.4 | 56.9 | 15.4 | 2.1 | 1.71 |
| Reentrants | 1,256 | 1,236 | 16.2 | 6.3 | 67.8 | 39.8 | 15.3 | 7.8 | 1.53 |
| New entrants | 484 | 474 | 10.0 | .7 | 79.9 | 24.8 | 22.1 | 2.8 | 1.40 |

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 | |
|----------------------------------|----------|----------|----------|----------|----------|----------|
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| All industries | 117,535 | 119,201 | 63,836 | 64,714 | 53,700 | 54,487 |
| 16 to 19 years | 5,104 | 5,299 | 2,611 | 2,706 | 2,492 | 2,593 |
| 16 to 17 years | 1,885 | 2,062 | 965 | 1,067 | 921 | 995 |
| 18 to 19 years | 3,218 | 3,238 | 1,647 | 1,639 | 1,572 | 1,598 |
| 20 to 24 years | 11,964 | 12,021 | 6,248 | 6,261 | 5,717 | 5,760 |
| 25 to 54 years | 85,700 | 87,046 | 46,472 | 47,351 | 39,227 | 39,696 |
| 25 to 34 years | 32,773 | 32,259 | 17,972 | 17,844 | 14,800 | 14,415 |
| 35 to 44 years | 31,729 | 32,480 | 17,135 | 17,594 | 14,593 | 14,885 |
| 45 to 54 years | 21,198 | 22,308 | 11,365 | 11,912 | 9,833 | 10,396 |
| 55 to 64 years | 11,320 | 11,418 | 6,433 | 6,377 | 4,887 | 5,041 |
| 55 to 59 years | 6,817 | 6,911 | 3,835 | 3,863 | 2,982 | 3,048 |
| 60 to 64 years | 4,504 | 4,508 | 2,598 | 2,514 | 1,906 | 1,993 |
| 65 years and over | 3,447 | 3,416 | 2,071 | 2,019 | 1,376 | 1,397 |
| Agriculture | 3,354 | 3,235 | 2,654 | 2,573 | 701 | 663 |
| 16 to 19 years | 206 | 247 | 168 | 220 | 38 | 27 |
| 16 to 17 years | 104 | 114 | 84 | 107 | 20 | 7 |
| 18 to 19 years | 102 | 133 | 84 | 112 | 18 | 20 |
| 20 to 24 years | 352 | 321 | 293 | 266 | 58 | 55 |
| 25 to 54 years | 2,081 | 1,990 | 1,603 | 1,531 | 478 | 459 |
| 25 to 34 years | 802 | 749 | 619 | 596 | 182 | 153 |
| 35 to 44 years | 773 | 738 | 604 | 563 | 169 | 176 |
| 45 to 54 years | 507 | 502 | 381 | 372 | 126 | 131 |
| 55 to 64 years | 415 | 393 | 323 | 306 | 92 | 87 |
| 55 to 59 years | 219 | 232 | 171 | 178 | 48 | 55 |
| 60 to 64 years | 196 | 160 | 152 | 128 | 44 | 32 |
| 65 years and over | 301 | 284 | 267 | 249 | 35 | 35 |
| Nonagricultural industries | 114,181 | 115,966 | 61,182 | 62,141 | 52,999 | 53,825 |
| 16 to 19 years | 4,898 | 5,052 | 2,444 | 2,486 | 2,455 | 2,566 |
| 16 to 17 years | 1,782 | 1,947 | 881 | 959 | 901 | 988 |
| 18 to 19 years | 3,117 | 3,105 | 1,563 | 1,527 | 1,554 | 1,578 |
| 20 to 24 years | 11,613 | 11,700 | 5,955 | 5,995 | 5,658 | 5,705 |
| 25 to 54 years | 83,619 | 85,056 | 44,869 | 45,820 | 36,750 | 39,236 |
| 25 to 34 years | 31,971 | 31,510 | 17,353 | 17,248 | 14,618 | 14,262 |
| 35 to 44 years | 30,956 | 31,741 | 16,532 | 17,031 | 14,424 | 14,710 |
| 45 to 54 years | 20,692 | 21,805 | 10,984 | 11,541 | 9,707 | 10,265 |
| 55 to 64 years | 10,906 | 11,026 | 6,110 | 6,071 | 4,795 | 4,955 |
| 55 to 59 years | 6,598 | 6,678 | 3,665 | 3,685 | 2,933 | 2,993 |
| 60 to 64 years | 4,308 | 4,348 | 2,446 | 2,386 | 1,862 | 1,961 |
| 65 years and over | 3,146 | 3,132 | 1,804 | 1,770 | 1,341 | 1,362 |

**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 | |
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| Total | 117,535 | 119,201 | 63,836 | 64,714 | 61,224 | 62,008 | 53,700 | 54,487 | 51,207 | 51,894 |
| Managerial and professional specialty | 31,005 | 32,056 | 16,434 | 16,781 | 16,337 | 16,722 | 14,571 | 15,274 | 14,475 | 15,178 |
| Executive, administrative, and managerial | 14,763 | 15,280 | 8,739 | 8,890 | 8,693 | 8,859 | 6,025 | 6,390 | 5,996 | 6,364 |
| Officials and administrators, public administration | 548 | 646 | 314 | 368 | 315 | 368 | 234 | 278 | 234 | 277 |
| Other executive, administrative, and managerial | 10,423 | 10,534 | 6,620 | 6,593 | 6,582 | 6,565 | 3,803 | 3,941 | 3,781 | 3,920 |
| Management-related occupations | 3,792 | 4,100 | 1,804 | 1,930 | 1,796 | 1,927 | 1,988 | 2,170 | 1,981 | 2,167 |
| Professional specialty | 16,242 | 16,776 | 7,695 | 7,891 | 7,644 | 7,863 | 8,547 | 8,885 | 8,479 | 8,814 |
| Engineers | 1,714 | 1,744 | 1,559 | 1,588 | 1,556 | 1,585 | 155 | 156 | 155 | 156 |
| Mathematical and computer scientists | 956 | 1,043 | 623 | 691 | 623 | 691 | 332 | 352 | 333 | 352 |
| Natural scientists | 472 | 573 | 353 | 397 | 353 | 397 | 119 | 176 | 119 | 176 |
| Health diagnosing occupations | 905 | 932 | 740 | 748 | 740 | 745 | 165 | 184 | 165 | 182 |
| Health assessment and treating occupations | 2,378 | 2,500 | 324 | 358 | 323 | 358 | 2,055 | 2,141 | 2,053 | 2,141 |
| Teachers, college and university | 743 | 738 | 469 | 454 | 469 | 453 | 274 | 285 | 273 | 284 |
| Teachers, except college and university | 4,375 | 4,565 | 1,118 | 1,115 | 1,100 | 1,109 | 3,257 | 3,450 | 3,218 | 3,407 |
| Lawyers and judges | 763 | 789 | 601 | 603 | 601 | 603 | 162 | 186 | 162 | 186 |
| Other professional specialty occupations | 3,936 | 3,891 | 1,908 | 1,937 | 1,878 | 1,921 | 2,028 | 1,955 | 2,002 | 1,930 |
| Technical, sales, and administrative support | 37,191 | 36,932 | 13,397 | 13,296 | 12,819 | 12,786 | 23,794 | 23,635 | 22,449 | 22,287 |
| Technicians and related support | 4,312 | 4,099 | 2,179 | 1,992 | 2,153 | 1,975 | 2,133 | 2,107 | 2,112 | 2,071 |
| Health technologists and technicians | 1,548 | 1,480 | 281 | 264 | 278 | 258 | 1,267 | 1,217 | 1,249 | 1,196 |
| Engineering and science technicians | 1,146 | 1,177 | 884 | 899 | 874 | 890 | 262 | 278 | 261 | 265 |
| Technicians, except health, engineering, and science | 1,618 | 1,442 | 1,013 | 829 | 1,001 | 828 | 605 | 613 | 602 | 610 |
| Sales occupations | 14,037 | 14,279 | 7,307 | 7,391 | 6,936 | 7,043 | 6,730 | 6,888 | 5,815 | 6,022 |
| Supervisors and proprietors | 3,933 | 3,978 | 2,563 | 2,521 | 2,541 | 2,509 | 1,370 | 1,458 | 1,351 | 1,442 |
| Sales representatives, finance and business services | 2,212 | 2,333 | 1,357 | 1,337 | 1,353 | 1,330 | 855 | 996 | 849 | 979 |
| Sales representatives, commodities, except retail | 1,502 | 1,576 | 1,163 | 1,257 | 1,156 | 1,252 | 339 | 319 | 333 | 318 |
| Sales workers, retail and personal services | 6,291 | 6,277 | 2,181 | 2,245 | 1,846 | 1,921 | 4,110 | 4,032 | 3,228 | 3,204 |
| Sales-related occupations | 100 | 114 | 43 | 31 | 39 | 31 | 56 | 83 | 53 | 79 |
| Administrative support, including clerical | 18,842 | 18,553 | 3,911 | 3,914 | 3,730 | 3,767 | 14,931 | 14,640 | 14,522 | 14,194 |
| Supervisors | 767 | 798 | 359 | 368 | 359 | 365 | 408 | 429 | 408 | 429 |
| Computer equipment operators | 638 | 636 | 242 | 250 | 239 | 244 | 395 | 386 | 389 | 376 |
| Secretaries, stenographers, and typists | 4,348 | 4,268 | 69 | 67 | 66 | 66 | 4,279 | 4,201 | 4,177 | 4,107 |
| Financial records processing | 2,365 | 2,331 | 241 | 220 | 234 | 214 | 2,124 | 2,111 | 2,101 | 2,099 |
| Mail and message distributing | 826 | 949 | 518 | 635 | 498 | 603 | 309 | 314 | 294 | 304 |
| Other administrative support, including clerical | 9,898 | 9,571 | 2,482 | 2,373 | 2,333 | 2,276 | 7,416 | 7,198 | 7,152 | 6,879 |
| Service occupations | 15,965 | 16,499 | 6,486 | 6,648 | 5,717 | 5,776 | 9,479 | 9,850 | 8,633 | 8,893 |
| Private household | 799 | 843 | 37 | 48 | 30 | 41 | 762 | 795 | 660 | 667 |
| Protective service | 2,057 | 2,154 | 1,679 | 1,782 | 1,640 | 1,762 | 377 | 371 | 348 | 351 |
| Service, except private household and protective | 13,110 | 13,502 | 4,770 | 4,818 | 4,046 | 3,974 | 8,340 | 8,684 | 7,625 | 7,876 |
| Food service | 5,439 | 5,676 | 2,249 | 2,328 | 1,665 | 1,683 | 3,190 | 3,348 | 2,703 | 2,771 |
| Health service | 2,101 | 2,197 | 212 | 311 | 201 | 288 | 1,889 | 1,886 | 1,815 | 1,829 |
| Cleaning and building service | 3,016 | 3,049 | 1,850 | 1,696 | 1,748 | 1,584 | 1,166 | 1,353 | 1,119 | 1,293 |
| Personal service | 2,554 | 2,580 | 458 | 482 | 432 | 418 | 2,096 | 2,098 | 1,988 | 1,983 |
| Precision production, craft, and repair | 13,018 | 13,231 | 11,890 | 12,165 | 11,736 | 11,974 | 1,128 | 1,066 | 1,101 | 1,047 |
| Mechanics and repairers | 4,348 | 4,313 | 4,203 | 4,185 | 4,158 | 4,113 | 145 | 128 | 145 | 125 |
| Construction trades | 4,845 | 5,026 | 4,769 | 4,944 | 4,690 | 4,865 | 76 | 82 | 71 | 77 |
| Other precision production, craft, and repair | 3,824 | 3,893 | 2,918 | 3,036 | 2,888 | 2,997 | 907 | 857 | 886 | 845 |
| Operators, fabricators, and laborers | 16,784 | 16,930 | 12,663 | 12,825 | 11,885 | 12,032 | 4,121 | 4,105 | 3,983 | 3,960 |
| Machine operators, assemblers, and inspectors | 7,583 | 7,367 | 4,621 | 4,524 | 4,501 | 4,406 | 2,962 | 2,842 | 2,900 | 2,786 |
| Manufacturing industries | 6,230 | 5,921 | 3,765 | 3,613 | 3,676 | 3,531 | 2,465 | 2,308 | 2,424 | 2,272 |
| Durable goods | 3,429 | 3,223 | 2,414 | 2,301 | 2,360 | 2,249 | 1,015 | 922 | 1,006 | 918 |
| Nondurable goods | 2,801 | 2,697 | 1,350 | 1,312 | 1,317 | 1,282 | 1,450 | 1,385 | 1,419 | 1,354 |
| Nonmanufacturing industries | 1,353 | 1,446 | 856 | 911 | 825 | 876 | 497 | 535 | 476 | 514 |
| Transportation and material moving occupations | 4,849 | 5,006 | 4,449 | 4,540 | 4,384 | 4,454 | 400 | 466 | 396 | 449 |
| Motor vehicle operators | 3,644 | 3,763 | 3,307 | 3,363 | 3,247 | 3,291 | 336 | 400 | 332 | 383 |
| Other transportation and material moving occupations | 1,206 | 1,243 | 1,142 | 1,177 | 1,137 | 1,163 | 64 | 66 | 64 | 66 |
| Handlers, equipment cleaners, helpers, and laborers | 4,352 | 4,556 | 3,593 | 3,760 | 3,000 | 3,171 | 759 | 796 | 687 | 725 |
| Construction laborers | 630 | 628 | 607 | 605 | 562 | 562 | 23 | 23 | 20 | 21 |
| Other handlers, equipment cleaners, helpers, and laborers | 3,722 | 3,928 | 2,986 | 3,155 | 2,439 | 2,609 | 736 | 773 | 668 | 703 |
| Farming, forestry, and fishing | 3,572 | 3,554 | 2,966 | 2,998 | 2,730 | 2,718 | 606 | 556 | 566 | 529 |
| Farm operators and managers | 1,299 | 1,212 | 1,092 | 1,036 | 1,083 | 1,029 | 206 | 175 | 206 | 175 |
| Other farming, forestry, and fishing occupations | 2,273 | 2,343 | 1,874 | 1,961 | 1,647 | 1,689 | 399 | 381 | 360 | 354 |

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

(Percent distribution)

| Occupation and race | Total | | Men | | Women | |
|---|----------|----------|----------|----------|----------|----------|
| | May 1992 | May 1993 | May 1992 | May 1993 | May 1992 | May 1993 |
| TOTAL | | | | | | |
| Total, 16 years and over (thousands) | 117,535 | 119,201 | 63,836 | 64,714 | 53,700 | 54,487 |
| Percent | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Managerial and professional specialty | 26.4 | 26.9 | 25.7 | 25.9 | 27.1 | 28.0 |
| Executive, administrative, and managerial | 12.6 | 12.8 | 13.7 | 13.7 | 11.2 | 11.7 |
| Professional specialty | 13.8 | 14.1 | 12.1 | 12.2 | 15.9 | 16.3 |
| Technical, sales, and administrative support | 31.6 | 31.0 | 21.0 | 20.5 | 44.3 | 43.4 |
| Technicians and related support | 3.7 | 3.4 | 3.4 | 3.1 | 4.0 | 3.9 |
| Sales occupations | 11.9 | 12.0 | 11.4 | 11.4 | 12.5 | 12.6 |
| Administrative support, including clerical | 16.0 | 15.6 | 6.1 | 6.0 | 27.8 | 26.9 |
| Service occupations | 13.6 | 13.8 | 10.2 | 10.3 | 17.7 | 18.1 |
| Private household | .7 | .7 | .1 | .1 | 1.4 | 1.5 |
| Protective service | 1.7 | 1.8 | 2.6 | 2.8 | .7 | .7 |
| Service, except private household and protective | 11.2 | 11.3 | 7.5 | 7.4 | 15.5 | 15.9 |
| Precision production, craft, and repair | 11.1 | 11.1 | 18.6 | 18.8 | 2.1 | 2.0 |
| Operators, fabricators, and laborers | 14.3 | 14.2 | 19.8 | 19.8 | 7.7 | 7.5 |
| Machine operators, assemblers, and inspectors | 6.5 | 6.2 | 7.2 | 7.0 | 5.5 | 5.2 |
| Transportation and material moving occupations | 4.1 | 4.2 | 7.0 | 7.0 | .7 | .9 |
| Handlers, equipment cleaners, helpers, and laborers | 3.7 | 3.8 | 5.6 | 5.8 | 1.4 | 1.5 |
| Farming, forestry, and fishing | 3.0 | 3.0 | 4.6 | 4.6 | 1.1 | 1.0 |
| White | | | | | | |
| Total, 16 years and over (thousands) | 101,586 | 102,750 | 55,820 | 56,432 | 45,767 | 46,318 |
| Percent | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Managerial and professional specialty | 27.5 | 27.9 | 26.7 | 26.9 | 28.4 | 29.1 |
| Executive, administrative, and managerial | 13.3 | 13.4 | 14.4 | 14.4 | 11.9 | 12.3 |
| Professional specialty | 14.2 | 14.5 | 12.3 | 12.6 | 16.5 | 16.8 |
| Technical, sales, and administrative support | 31.9 | 31.3 | 21.2 | 20.8 | 45.0 | 44.2 |
| Technicians and related support | 3.6 | 3.4 | 3.3 | 3.1 | 3.9 | 3.8 |
| Sales occupations | 12.5 | 12.6 | 12.1 | 12.0 | 13.1 | 13.2 |
| Administrative support, including clerical | 15.8 | 15.3 | 5.8 | 5.6 | 28.0 | 27.1 |
| Service occupations | 12.3 | 12.6 | 9.0 | 9.1 | 16.4 | 16.8 |
| Private household | .6 | .6 | - | .1 | 1.4 | 1.3 |
| Protective service | 1.6 | 1.7 | 2.4 | 2.5 | .6 | .6 |
| Service, except private household and protective | 10.1 | 10.3 | 6.6 | 6.5 | 14.4 | 14.9 |
| Precision production, craft, and repair | 11.5 | 11.5 | 19.2 | 19.5 | 2.0 | 1.9 |
| Operators, fabricators, and laborers | 13.5 | 13.5 | 18.9 | 18.9 | 7.0 | 7.0 |
| Machine operators, assemblers, and inspectors | 6.0 | 5.8 | 6.9 | 6.7 | 4.9 | 4.7 |
| Transportation and material moving occupations | 4.0 | 4.1 | 6.7 | 6.8 | .7 | .8 |
| Handlers, equipment cleaners, helpers, and laborers | 3.5 | 3.6 | 5.3 | 5.4 | 1.4 | 1.4 |
| Farming, forestry, and fishing | 3.2 | 3.2 | 4.8 | 4.8 | 1.3 | 1.1 |
| Black | | | | | | |
| Total, 16 years and over (thousands) | 11,779 | 12,067 | 5,789 | 5,935 | 5,989 | 6,131 |
| Percent | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Managerial and professional specialty | 16.2 | 17.5 | 13.8 | 14.5 | 18.5 | 20.4 |
| Executive, administrative, and managerial | 6.7 | 7.7 | 6.9 | 7.6 | 6.5 | 7.7 |
| Professional specialty | 9.4 | 9.8 | 6.9 | 6.8 | 11.9 | 12.7 |
| Technical, sales, and administrative support | 29.0 | 28.2 | 18.3 | 18.1 | 39.4 | 37.9 |
| Technicians and related support | 3.6 | 3.1 | 3.3 | 2.4 | 4.0 | 3.9 |
| Sales occupations | 6.8 | 7.2 | 5.6 | 6.2 | 7.9 | 8.1 |
| Administrative support, including clerical | 18.6 | 17.9 | 9.3 | 9.5 | 27.5 | 25.9 |
| Service occupations | 23.2 | 23.8 | 19.0 | 19.8 | 27.3 | 27.7 |
| Private household | 1.0 | 1.3 | .1 | .1 | 1.9 | 2.5 |
| Protective service | 3.2 | 3.3 | 4.7 | 5.2 | 1.7 | 1.4 |
| Service, except private household and protective | 19.0 | 19.2 | 14.1 | 14.4 | 23.7 | 23.8 |
| Precision production, craft, and repair | 8.3 | 7.9 | 14.7 | 13.8 | 2.2 | 2.2 |
| Operators, fabricators, and laborers | 21.4 | 20.7 | 30.9 | 30.3 | 12.3 | 11.4 |
| Machine operators, assemblers, and inspectors | 10.1 | 9.4 | 10.6 | 10.3 | 9.5 | 8.6 |
| Transportation and material moving occupations | 6.1 | 5.6 | 11.4 | 10.4 | 1.0 | 1.1 |
| Handlers, equipment cleaners, helpers, and laborers | 5.3 | 5.7 | 8.9 | 9.7 | 1.8 | 1.8 |
| Farming, forestry, and fishing | 1.8 | 1.9 | 3.4 | 3.5 | .3 | .4 |

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Age and sex | May 1993 | | | | | | | | |
|---------------------------------------|----------------------------|---------------------------|---------------|---------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|
| | Nonagricultural industries | | | | | Agriculture | | | |
| | Wage and salary workers | | | | Self-employed workers | Unpaid family workers | Wage and salary workers | Self-employed workers | Unpaid family workers |
| | Total | Private household workers | Government | Other | | | | | |
| Total, 16 years and over | 106,542 | 1,043 | 18,697 | 86,801 | 9,218 | 207 | 1,680 | 1,430 | 125 |
| 16 to 19 years | 4,983 | 168 | 255 | 4,561 | 57 | 12 | 207 | 18 | 23 |
| 16 to 17 years | 1,923 | 106 | 91 | 1,725 | 21 | 3 | 86 | 13 | 15 |
| 18 to 19 years | 3,061 | 61 | 163 | 2,836 | 36 | 9 | 121 | 5 | 8 |
| 20 to 24 years | 11,430 | 91 | 1,020 | 10,319 | 255 | 15 | 247 | 61 | 13 |
| 25 to 34 years | 29,550 | 214 | 4,286 | 25,051 | 1,932 | 28 | 450 | 281 | 18 |
| 35 to 44 years | 28,838 | 178 | 5,973 | 22,688 | 2,849 | 53 | 393 | 319 | 27 |
| 45 to 54 years | 19,579 | 157 | 4,722 | 14,700 | 2,180 | 46 | 201 | 284 | 17 |
| 55 to 64 years | 9,711 | 158 | 2,017 | 7,537 | 1,288 | 26 | 133 | 245 | 16 |
| 55 to 59 years | 5,968 | 92 | 1,255 | 4,621 | 696 | 15 | 77 | 147 | 8 |
| 60 to 64 years | 3,744 | 66 | 762 | 2,916 | 592 | 12 | 56 | 97 | 7 |
| 65 years and over | 2,449 | 78 | 426 | 1,945 | 657 | 25 | 50 | 222 | 12 |
| Men, 16 years and over | 55,956 | 140 | 8,406 | 47,410 | 6,140 | 46 | 1,302 | 1,218 | 53 |
| 16 to 19 years | 2,453 | 31 | 108 | 2,314 | 25 | 8 | 183 | 16 | 22 |
| 16 to 17 years | 945 | 20 | 42 | 883 | 12 | 2 | 80 | 13 | 14 |
| 18 to 19 years | 1,508 | 11 | 66 | 1,431 | 13 | 6 | 102 | 2 | 8 |
| 20 to 24 years | 5,811 | 24 | 438 | 5,350 | 173 | 10 | 200 | 60 | 6 |
| 25 to 34 years | 16,022 | 32 | 2,081 | 13,909 | 1,225 | 2 | 344 | 245 | 7 |
| 35 to 44 years | 15,109 | 24 | 2,537 | 12,547 | 1,916 | 6 | 295 | 263 | 5 |
| 45 to 54 years | 10,101 | 12 | 2,107 | 7,981 | 1,437 | 3 | 140 | 228 | 4 |
| 55 to 64 years | 5,172 | 4 | 940 | 4,228 | 893 | 7 | 96 | 209 | 1 |
| 55 to 59 years | 3,211 | 2 | 592 | 2,617 | 474 | - | 51 | 127 | - |
| 60 to 64 years | 1,961 | 2 | 348 | 1,611 | 418 | 7 | 45 | 82 | 1 |
| 65 years and over | 1,289 | 12 | 195 | 1,081 | 471 | 10 | 44 | 197 | 8 |
| Women, 16 years and over | 50,586 | 903 | 10,292 | 39,391 | 3,078 | 161 | 378 | 212 | 72 |
| 16 to 19 years | 2,530 | 137 | 147 | 2,247 | 32 | 4 | 24 | 2 | 1 |
| 16 to 17 years | 978 | 87 | 49 | 842 | 9 | 2 | 6 | - | 1 |
| 18 to 19 years | 1,553 | 50 | 98 | 1,405 | 22 | 3 | 18 | 2 | - |
| 20 to 24 years | 5,619 | 68 | 582 | 4,969 | 81 | 5 | 47 | 1 | 6 |
| 25 to 34 years | 13,528 | 181 | 2,205 | 11,142 | 707 | 26 | 106 | 36 | 11 |
| 35 to 44 years | 13,729 | 154 | 3,436 | 10,140 | 933 | 47 | 98 | 56 | 22 |
| 45 to 54 years | 9,479 | 145 | 2,615 | 6,719 | 743 | 43 | 61 | 56 | 13 |
| 55 to 64 years | 4,540 | 154 | 1,077 | 3,309 | 395 | 20 | 36 | 36 | 15 |
| 55 to 59 years | 2,757 | 90 | 663 | 2,005 | 221 | 15 | 26 | 21 | 8 |
| 60 to 64 years | 1,783 | 64 | 414 | 1,305 | 174 | 5 | 11 | 15 | 6 |
| 65 years and over | 1,160 | 66 | 230 | 864 | 187 | 15 | 6 | 25 | 4 |

A-25. Employed civilians by industry and occupation

(In thousands)

| Industry | May 1993 | | | | | | | | | | | | |
|---|----------------|---|------------------------|--|--------|--|---------------------|----------------------------|---|---|------------------------------------|---|--------------------------------|
| | Total employed | Managerial and professional specialty | | Technical, sales, and administrative support | | | Service occupations | | Precision production, craft, and repair | Operators, fabricators, and laborers | | | Farming, forestry, and fishing |
| | | Executive, administrative, and managerial | Professional specialty | Technicians and related support | Sales | Administrative support, including clerical | Private household | Other service ¹ | | Machine operators, assemblers, and inspectors | Transportation and material moving | Handlers, equipment cleaners, helpers, and laborers | |
| Agriculture | 3,235 | 92 | 76 | 30 | 21 | 114 | - | 16 | 45 | 7 | 66 | 19 | 2,748 |
| Mining | 615 | 76 | 70 | 34 | 8 | 67 | - | 10 | 224 | 20 | 81 | 25 | - |
| Construction | 7,312 | 939 | 117 | 54 | 85 | 406 | - | 43 | 4,279 | 70 | 586 | 724 | 8 |
| Manufacturing | 19,700 | 2,487 | 1,733 | 779 | 797 | 2,208 | - | 280 | 3,707 | 5,921 | 725 | 956 | 107 |
| Durable goods | 11,414 | 1,429 | 1,109 | 530 | 314 | 1,236 | - | 153 | 2,522 | 3,223 | 381 | 422 | 95 |
| Nondurable goods | 8,286 | 1,058 | 625 | 249 | 483 | 972 | - | 127 | 1,185 | 2,697 | 344 | 534 | 12 |
| Transportation and public utilities | 8,428 | 927 | 466 | 338 | 244 | 2,354 | - | 237 | 1,232 | 136 | 1,988 | 480 | 26 |
| Wholesale and retail trade | 24,723 | 2,226 | 424 | 163 | 10,263 | 2,370 | - | 4,719 | 1,350 | 316 | 1,005 | 1,837 | 51 |
| Wholesale trade | 4,680 | 559 | 90 | 48 | 1,828 | 770 | - | 40 | 248 | 138 | 538 | 379 | 41 |
| Retail trade | 20,043 | 1,667 | 334 | 115 | 8,435 | 1,600 | - | 4,679 | 1,102 | 178 | 467 | 1,457 | 10 |
| Finance, insurance, and real estate | 7,871 | 2,068 | 256 | 162 | 1,925 | 2,858 | - | 278 | 178 | 27 | 16 | 17 | 86 |
| Services | 41,676 | 5,213 | 12,805 | 2,267 | 909 | 6,776 | 843 | 8,587 | 1,990 | 840 | 508 | 461 | 476 |
| Private households | 1,053 | 1 | 5 | 5 | 2 | 9 | 843 | 91 | 19 | - | 1 | 5 | 71 |
| Other service industries | 40,623 | 5,212 | 12,800 | 2,261 | 907 | 6,767 | - | 8,494 | 1,971 | 840 | 508 | 457 | 406 |
| Professional services | 28,119 | 3,303 | 11,501 | 1,915 | 174 | 5,029 | - | 5,060 | 378 | 239 | 299 | 124 | 98 |
| Public administration | 5,641 | 1,252 | 828 | 272 | 28 | 1,401 | - | 1,486 | 225 | 31 | 31 | 36 | 51 |

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 | | | | | |
|--------------------------------------|----------------|----------|----------------------------|----------|--------------------------------------|------------------|------------------|------------------|
| | May 1992 | May 1993 | Total | | Wage and salary workers ¹ | | | |
| | | | May 1992 | May 1993 | Paid absences | | Unpaid absences | |
| | | | | | May 1992 | May 1993 | May 1992 | May 1993 |
| Total, 16 years and over | 4,542 | 4,480 | 4,462 | 4,390 | 2,254 | 2,169 | 1,742 | 1,715 |
| Vacation | 2,018 | 1,861 | 1,998 | 1,838 | 1,433 | 1,283 | 412 | 384 |
| Illness | 1,284 | 1,230 | 1,249 | 1,211 | 520 | 532 | 633 | 589 |
| Bad weather | 11 | 56 | 10 | 42 | (²) | (²) | (²) | (²) |
| Industrial dispute | 33 | 21 | 33 | 21 | (²) | (²) | (²) | (²) |
| All other reasons | 1,197 | 1,312 | 1,172 | 1,278 | 300 | 354 | 698 | 742 |
| Men, 16 years and over | 2,243 | 2,224 | 2,182 | 2,153 | 1,188 | 1,126 | 717 | 719 |
| Vacation | 1,123 | 1,013 | 1,106 | 999 | 840 | 719 | 186 | 179 |
| Illness | 584 | 599 | 562 | 584 | 234 | 274 | 255 | 263 |
| All other reasons ³ | 537 | 612 | 514 | 569 | 114 | 134 | 276 | 278 |
| Women, 16 years and over | 2,299 | 2,256 | 2,280 | 2,238 | 1,064 | 1,044 | 1,026 | 995 |
| Vacation | 895 | 848 | 892 | 839 | 594 | 565 | 225 | 205 |
| Illness | 700 | 631 | 687 | 628 | 286 | 258 | 378 | 325 |
| All other reasons ³ | 705 | 777 | 702 | 771 | 185 | 221 | 423 | 464 |

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 | May 1993 | | | | | |
|---|----------------------|-------------|----------------------------|----------------------|-------------|----------------------------|
| | Thousands of persons | | | Percent distribution | | |
| | All industries | Agriculture | Nonagricultural industries | All industries | Agriculture | Nonagricultural industries |
| Total, 16 years and over | 114,721 | 3,146 | 111,575 | 100.0 | 100.0 | 100.0 |
| 1 to 34 hours | 26,622 | 828 | 25,794 | 23.2 | 26.3 | 23.1 |
| 1 to 4 hours | 812 | 53 | 759 | .7 | 1.7 | .7 |
| 5 to 14 hours | 4,452 | 164 | 4,287 | 3.9 | 5.2 | 3.8 |
| 15 to 29 hours | 13,604 | 453 | 13,151 | 11.9 | 14.4 | 11.8 |
| 30 to 34 hours | 7,754 | 157 | 7,597 | 6.8 | 5.0 | 6.8 |
| 35 hours and over | 88,099 | 2,318 | 85,781 | 76.8 | 73.7 | 76.9 |
| 35 to 39 hours | 7,713 | 133 | 7,580 | 6.7 | 4.2 | 6.8 |
| 40 hours | 45,314 | 662 | 44,651 | 39.5 | 21.1 | 40.0 |
| 41 hours and over | 35,073 | 1,523 | 33,550 | 30.6 | 48.4 | 30.1 |
| 41 to 48 hours | 11,635 | 204 | 11,431 | 10.1 | 6.5 | 10.2 |
| 49 to 59 hours | 13,206 | 410 | 12,796 | 11.5 | 13.0 | 11.5 |
| 60 hours and over | 10,231 | 908 | 9,323 | 8.9 | 28.9 | 8.4 |
| Average hours, total at work | 39.7 | 46.0 | 39.5 | - | - | - |
| Average hours, workers on full-time schedules | 44.2 | 54.2 | 44.0 | - | - | - |

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 | May 1993 | | | | | |
|--|----------------|------------------------|------------------------|----------------------------|------------------------|------------------------|
| | All industries | | | Nonagricultural industries | | |
| | Total | Usually work full time | Usually work part time | Total | Usually work full time | Usually work part time |
| Total, 16 years and over | 26,622 | 6,751 | 19,871 | 25,794 | 6,578 | 19,216 |
| Economic reasons | 6,165 | 1,914 | 4,250 | 5,923 | 1,845 | 4,078 |
| Slack work | 2,959 | 1,557 | 1,402 | 2,837 | 1,495 | 1,342 |
| Material shortages or repairs to plant and equipment | 44 | 44 | - | 44 | 44 | - |
| New job started during week | 248 | 248 | - | 240 | 240 | - |
| Job terminated during week | 66 | 66 | - | 66 | 66 | - |
| Could find only part-time work | 2,849 | - | 2,849 | 2,735 | - | 2,735 |
| Other reasons | 20,457 | 4,837 | 15,620 | 19,871 | 4,733 | 15,138 |
| Does not want, or unavailable for, full-time work | 12,697 | - | 12,697 | 12,312 | - | 12,312 |
| Vacation | 1,663 | 1,663 | - | 1,653 | 1,653 | - |
| Illness | 1,482 | 1,289 | 193 | 1,439 | 1,259 | 180 |
| Bad weather | 284 | 284 | - | 239 | 239 | - |
| Industrial dispute | 8 | 8 | - | 9 | 9 | - |
| Legal or religious holiday | 46 | 46 | - | 45 | 45 | - |
| Full time for this job | 1,803 | - | 1,803 | 1,781 | - | 1,781 |
| All other reasons | 2,474 | 1,547 | 927 | 2,393 | 1,529 | 864 |
| Average hours: | | | | | | |
| Economic reasons | 22.4 | 24.5 | 21.5 | 22.6 | 24.6 | 21.6 |
| Other reasons | 21.1 | 26.0 | 19.6 | 21.2 | 26.0 | 19.6 |
| Worked 30 to 34 hours: | | | | | | |
| Economic reasons | 2,077 | 875 | 1,202 | 2,031 | 853 | 1,178 |
| Other reasons | 5,676 | 2,532 | 3,144 | 5,566 | 2,492 | 3,074 |

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

(Numbers in thousands)

| Industry | May 1993 | | | | | | | | |
|---|---------------|-----------------------------------|------------------------|------------------------|------------------|----------------|------------------|------------------------------|---|
| | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | | | Average hours, total at work | Average hours, workers on full-time schedules |
| | | | | Total | 40 hours or less | 41 to 48 hours | 49 hours or more | | |
| Total, 16 years and over | 111,575 | 5,923 | 15,138 | 90,515 | 56,965 | 11,431 | 22,119 | 39.5 | 44.0 |
| Wage and salary workers | 102,613 | 5,159 | 13,616 | 83,838 | 53,915 | 10,758 | 19,164 | 39.4 | 43.6 |
| Mining | 565 | 9 | 7 | 548 | 292 | 82 | 174 | 46.6 | 47.4 |
| Construction | 5,491 | 461 | 296 | 4,734 | 3,042 | 539 | 1,152 | 40.8 | 43.9 |
| Manufacturing | 18,523 | 472 | 648 | 17,403 | 10,680 | 2,842 | 3,881 | 42.5 | 43.9 |
| Durable goods | 10,736 | 185 | 282 | 10,269 | 6,197 | 1,745 | 2,327 | 43.0 | 43.9 |
| Nondurable goods | 7,787 | 286 | 366 | 7,135 | 4,483 | 1,097 | 1,554 | 41.9 | 43.8 |
| Transportation and public utilities | 7,699 | 205 | 422 | 7,071 | 4,274 | 942 | 1,855 | 43.0 | 44.9 |
| Wholesale and retail trade | 21,797 | 1,636 | 4,850 | 15,312 | 9,181 | 2,143 | 3,988 | 37.2 | 44.1 |
| Finance, insurance, and real estate | 6,891 | 172 | 630 | 6,089 | 4,185 | 721 | 1,184 | 40.2 | 42.7 |
| Service industries | 36,219 | 2,140 | 6,536 | 27,544 | 18,542 | 2,960 | 6,042 | 37.6 | 43.1 |
| Private households | 1,007 | 226 | 397 | 383 | 245 | 48 | 91 | 26.2 | 44.3 |
| All other industries | 35,212 | 1,914 | 6,139 | 27,160 | 18,297 | 2,912 | 5,951 | 37.9 | 43.1 |
| Public administration | 5,428 | 65 | 227 | 5,137 | 3,719 | 530 | 888 | 41.7 | 42.9 |
| Self-employed workers | 8,756 | 754 | 1,433 | 6,569 | 2,996 | 662 | 2,911 | 40.9 | 48.1 |
| Unpaid family workers | 207 | 10 | 89 | 108 | 53 | 11 | 44 | 35.6 | 48.4 |

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| Sex, age, race, and marital status | May 1993 | | | | | | | |
|---------------------------------------|---------------|-----------------------------------|------------------------|------------------------|------------------|------------------|------------------------------|---|
| | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | | Average hours, total at work | Average hours, workers on full-time schedules |
| | | | | Total | 40 hours or less | 41 hours or more | | |
| TOTAL | | | | | | | | |
| Total, 16 years and over | 111,575 | 5,923 | 15,138 | 90,515 | 56,965 | 33,550 | 39.5 | 44.0 |
| 16 to 19 years | 4,883 | 413 | 3,221 | 1,249 | 1,010 | 239 | 22.4 | 39.6 |
| 16 to 17 years | 1,888 | 80 | 1,685 | 124 | 106 | 18 | 16.2 | 35.2 |
| 18 to 19 years | 2,994 | 333 | 1,537 | 1,125 | 904 | 221 | 26.3 | 40.1 |
| 20 years and over | 106,693 | 5,510 | 11,917 | 89,266 | 55,955 | 33,311 | 40.3 | 44.0 |
| 20 to 24 years | 11,262 | 1,028 | 2,267 | 7,987 | 5,556 | 2,431 | 36.1 | 42.4 |
| 25 years and over | 95,411 | 4,482 | 9,650 | 81,280 | 50,399 | 30,880 | 40.8 | 44.2 |
| 25 to 44 years | 61,119 | 3,016 | 5,100 | 53,003 | 32,524 | 20,479 | 41.3 | 44.2 |
| 45 to 64 years | 31,372 | 1,325 | 3,100 | 26,947 | 16,956 | 9,991 | 41.0 | 44.2 |
| 65 years and over | 2,921 | 140 | 1,450 | 1,331 | 920 | 411 | 29.0 | 42.4 |
| Men, 16 years and over | 59,989 | 2,681 | 4,702 | 52,605 | 29,219 | 23,386 | 42.4 | 45.6 |
| 16 to 19 years | 2,411 | 174 | 1,538 | 700 | 552 | 147 | 23.5 | 40.1 |
| 16 to 17 years | 937 | 43 | 826 | 67 | 56 | 11 | 16.6 | (¹) |
| 18 to 19 years | 1,475 | 131 | 711 | 633 | 497 | 136 | 27.8 | 40.6 |
| 20 years and over | 57,577 | 2,507 | 3,165 | 51,905 | 28,666 | 23,239 | 43.2 | 45.6 |
| 20 to 24 years | 5,790 | 480 | 943 | 4,367 | 2,811 | 1,556 | 37.7 | 43.3 |
| 25 years and over | 51,787 | 2,028 | 2,222 | 47,538 | 25,855 | 21,683 | 43.8 | 45.9 |
| 25 to 44 years | 33,269 | 1,467 | 831 | 30,971 | 16,529 | 14,442 | 44.4 | 46.0 |
| 45 to 64 years | 16,867 | 506 | 625 | 15,736 | 8,792 | 6,944 | 44.1 | 45.7 |
| 65 years and over | 1,651 | 54 | 766 | 831 | 534 | 297 | 30.4 | 43.0 |
| Women, 16 years and over | 51,587 | 3,242 | 10,436 | 37,910 | 27,746 | 10,164 | 36.1 | 41.7 |
| 16 to 19 years | 2,471 | 239 | 1,684 | 549 | 457 | 91 | 21.4 | 39.0 |
| 16 to 17 years | 952 | 37 | 858 | 57 | 50 | 7 | 15.8 | (¹) |
| 18 to 19 years | 1,519 | 202 | 825 | 492 | 407 | 85 | 24.9 | 39.5 |
| 20 years and over | 49,116 | 3,003 | 8,752 | 37,361 | 27,289 | 10,072 | 36.9 | 41.8 |
| 20 to 24 years | 5,492 | 549 | 1,324 | 3,619 | 2,745 | 874 | 34.4 | 41.3 |
| 25 years and over | 43,624 | 2,454 | 7,428 | 33,742 | 24,544 | 9,198 | 37.2 | 41.8 |
| 25 to 44 years | 27,850 | 1,549 | 4,269 | 22,032 | 15,994 | 6,038 | 37.6 | 41.8 |
| 45 to 64 years | 14,505 | 819 | 2,476 | 11,210 | 8,164 | 3,046 | 37.3 | 41.9 |
| 65 years and over | 1,270 | 86 | 683 | 500 | 386 | 114 | 27.2 | 41.3 |
| RACE | | | | | | | | |
| White, 16 years and over | 95,993 | 4,834 | 13,499 | 77,661 | 47,158 | 30,503 | 39.7 | 44.2 |
| Men | 52,204 | 2,198 | 4,075 | 45,930 | 24,411 | 21,519 | 42.8 | 45.9 |
| Women | 43,789 | 2,636 | 9,423 | 31,731 | 22,747 | 8,984 | 36.0 | 41.9 |
| Black, 16 years and over | 11,436 | 858 | 1,086 | 9,492 | 7,427 | 2,066 | 38.4 | 41.9 |
| Men | 5,577 | 373 | 416 | 4,788 | 3,551 | 1,238 | 40.0 | 43.0 |
| Women | 5,859 | 485 | 670 | 4,704 | 3,876 | 828 | 36.9 | 40.8 |
| MARITAL STATUS | | | | | | | | |
| Men, 16 years and over: | | | | | | | | |
| Married, spouse present | 38,343 | 1,204 | 1,455 | 35,684 | 18,735 | 16,949 | 44.4 | 46.2 |
| Widowed, divorced, or separated | 6,535 | 298 | 348 | 5,889 | 3,399 | 2,490 | 43.0 | 45.3 |
| Single (never married) | 15,110 | 1,180 | 2,899 | 11,032 | 7,084 | 3,947 | 37.2 | 43.8 |
| Women, 16 years and over: | | | | | | | | |
| Married, spouse present | 28,845 | 1,472 | 6,110 | 21,263 | 15,821 | 5,442 | 36.1 | 41.5 |
| Widowed, divorced, or separated | 10,232 | 751 | 1,170 | 8,311 | 5,829 | 2,482 | 38.4 | 42.3 |
| Single (never married) | 12,510 | 1,018 | 3,156 | 8,335 | 6,096 | 2,240 | 34.3 | 41.8 |

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

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

(Numbers in thousands)

| Occupation and sex | May 1993 | | | | | | | | |
|---|---------------|-----------------------------------|------------------------|------------------------|------------------|----------------|------------------|------------------------------|---|
| | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | | | Average hours, total at work | Average hours, workers on full-time schedules |
| | | | | Total | 40 hours or less | 41 to 48 hours | 49 hours or more | | |
| Total, 16 years and over ¹ | 111,282 | 5,868 | 15,098 | 90,316 | 56,698 | 11,440 | 22,178 | 39.6 | 44.0 |
| Managerial and professional specialty | 30,937 | 756 | 2,912 | 27,268 | 14,913 | 3,301 | 9,054 | 42.4 | 45.4 |
| Executive, administrative, and managerial | 14,767 | 245 | 781 | 13,742 | 6,840 | 1,778 | 5,123 | 44.6 | 46.3 |
| Professional specialty | 16,170 | 512 | 2,132 | 13,526 | 8,073 | 1,523 | 3,931 | 40.5 | 44.5 |
| Technical, sales, and administrative support | 35,578 | 1,508 | 5,931 | 28,139 | 19,048 | 3,462 | 5,628 | 36.3 | 43.0 |
| Technicians and related support | 3,967 | 103 | 455 | 3,410 | 2,414 | 516 | 480 | 39.3 | 42.0 |
| Sales occupations | 13,727 | 735 | 2,668 | 10,324 | 5,364 | 1,417 | 3,543 | 39.5 | 45.9 |
| Administrative support, including clerical | 17,885 | 670 | 2,809 | 14,406 | 11,271 | 1,529 | 1,606 | 37.1 | 41.1 |
| Service occupations | 15,849 | 1,761 | 4,357 | 9,731 | 7,024 | 1,000 | 1,707 | 33.9 | 42.6 |
| Private household | 813 | 174 | 324 | 314 | 211 | 32 | 71 | 26.2 | 43.3 |
| Protective service | 2,039 | 64 | 181 | 1,794 | 1,105 | 237 | 452 | 42.3 | 45.4 |
| Service, except private household and protective | 12,997 | 1,522 | 3,851 | 7,624 | 5,708 | 731 | 1,185 | 33.1 | 41.9 |
| Precision production, craft, and repair | 12,683 | 764 | 437 | 11,482 | 7,010 | 1,681 | 2,791 | 42.0 | 44.2 |
| Operators, fabricators, and laborers | 16,235 | 1,079 | 1,461 | 13,696 | 8,703 | 1,995 | 2,998 | 40.6 | 44.1 |
| Machine operators, assemblers, and inspectors | 7,086 | 368 | 307 | 6,411 | 4,348 | 1,041 | 1,022 | 41.0 | 42.8 |
| Transportation and material moving occupations | 4,773 | 265 | 379 | 4,129 | 2,099 | 533 | 1,498 | 44.0 | 47.4 |
| Handlers, equipment cleaners, helpers, and laborers | 4,376 | 446 | 775 | 3,156 | 2,256 | 421 | 478 | 36.2 | 42.3 |
| Men, 16 years and over ¹ | 59,587 | 2,630 | 4,627 | 52,330 | 28,933 | 6,991 | 16,406 | 42.5 | 45.6 |
| Managerial and professional specialty | 16,279 | 348 | 714 | 15,218 | 7,010 | 1,802 | 6,405 | 45.6 | 47.4 |
| Executive, administrative, and managerial | 8,636 | 144 | 246 | 8,247 | 3,395 | 1,016 | 3,835 | 47.0 | 48.2 |
| Professional specialty | 7,643 | 204 | 468 | 6,971 | 3,615 | 786 | 2,570 | 44.0 | 46.4 |
| Technical, sales, and administrative support | 12,849 | 348 | 1,242 | 11,259 | 5,953 | 1,594 | 3,712 | 42.7 | 45.9 |
| Technicians and related support | 1,920 | 30 | 94 | 1,797 | 1,155 | 296 | 346 | 42.2 | 43.6 |
| Sales occupations | 7,147 | 201 | 764 | 6,182 | 2,593 | 879 | 2,710 | 44.1 | 47.9 |
| Administrative support, including clerical | 3,782 | 118 | 384 | 3,279 | 2,204 | 419 | 656 | 40.1 | 43.2 |
| Service occupations | 6,414 | 499 | 1,295 | 4,619 | 3,203 | 488 | 929 | 37.0 | 43.6 |
| Private household | 46 | 13 | 12 | 20 | 10 | - | 10 | (²) | (²) |
| Protective service | 1,696 | 38 | 108 | 1,550 | 933 | 201 | 416 | 43.7 | 45.9 |
| Service, except private household and protective | 4,673 | 448 | 1,176 | 3,049 | 2,260 | 286 | 502 | 34.7 | 42.5 |
| Precision production, craft, and repair | 11,679 | 695 | 340 | 10,644 | 6,414 | 1,569 | 2,662 | 42.3 | 44.4 |
| Operators, fabricators, and laborers | 12,365 | 740 | 1,036 | 10,590 | 6,354 | 1,538 | 2,698 | 41.5 | 44.9 |
| Machine operators, assemblers, and inspectors | 4,394 | 164 | 142 | 4,088 | 2,608 | 664 | 816 | 42.3 | 43.7 |
| Transportation and material moving occupations | 4,342 | 216 | 268 | 3,858 | 1,904 | 499 | 1,456 | 44.8 | 47.7 |
| Handlers, equipment cleaners, helpers, and laborers | 3,630 | 360 | 626 | 2,644 | 1,842 | 375 | 426 | 36.4 | 42.6 |
| Women, 16 years and over ¹ | 51,695 | 3,238 | 10,470 | 37,986 | 27,765 | 4,449 | 5,772 | 36.2 | 41.8 |
| Managerial and professional specialty | 14,657 | 409 | 2,198 | 12,051 | 7,903 | 1,499 | 2,649 | 39.0 | 43.0 |
| Executive, administrative, and managerial | 6,131 | 101 | 535 | 5,495 | 3,445 | 762 | 1,288 | 41.2 | 43.4 |
| Professional specialty | 8,526 | 307 | 1,663 | 6,556 | 4,458 | 736 | 1,361 | 37.4 | 42.6 |
| Technical, sales, and administrative support | 22,729 | 1,160 | 4,689 | 16,880 | 13,096 | 1,868 | 1,916 | 35.8 | 41.0 |
| Technicians and related support | 2,047 | 73 | 361 | 1,613 | 1,258 | 221 | 134 | 36.5 | 40.3 |
| Sales occupations | 6,580 | 534 | 1,904 | 4,141 | 2,771 | 538 | 833 | 34.5 | 42.7 |
| Administrative support, including clerical | 14,103 | 553 | 2,424 | 11,126 | 9,067 | 1,110 | 950 | 36.3 | 40.5 |
| Service occupations | 9,435 | 1,262 | 3,061 | 5,112 | 3,821 | 512 | 778 | 31.7 | 41.6 |
| Private household | 767 | 161 | 312 | 294 | 202 | 32 | 60 | 26.1 | 43.4 |
| Protective service | 343 | 26 | 74 | 243 | 172 | 36 | 36 | 35.0 | 42.1 |
| Service, except private household and protective | 8,324 | 1,075 | 2,675 | 4,574 | 3,447 | 445 | 682 | 32.1 | 41.5 |
| Precision production, craft, and repair | 1,004 | 69 | 97 | 837 | 596 | 112 | 129 | 38.4 | 42.1 |
| Operators, fabricators, and laborers | 3,870 | 339 | 425 | 3,106 | 2,349 | 458 | 300 | 37.8 | 41.4 |
| Machine operators, assemblers, and inspectors | 2,692 | 204 | 165 | 2,323 | 1,740 | 377 | 206 | 39.0 | 41.2 |
| Transportation and material moving occupations | 432 | 49 | 111 | 271 | 195 | 34 | 42 | 35.1 | 43.0 |
| Handlers, equipment cleaners, helpers, and laborers | 746 | 86 | 148 | 512 | 414 | 46 | 52 | 35.1 | 41.1 |

¹ Excludes farming, forestry, and fishing occupations.

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| Employment status and sex | 1992 | | | | | | | | 1993 | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| TOTAL | | | | | | | | | | | | | |
| Noninstitutional population ¹ | 192,881 | 193,025 | 193,190 | 193,356 | 193,513 | 193,683 | 193,847 | 194,026 | 194,159 | 194,298 | 194,456 | 194,618 | 194,767 |
| Labor force ² | 128,613 | 128,868 | 128,918 | 128,970 | 128,840 | 128,618 | 128,896 | 129,108 | 128,598 | 128,839 | 128,926 | 128,833 | 129,615 |
| Percent of population ² | 66.7 | 66.8 | 66.7 | 66.7 | 66.6 | 66.4 | 66.5 | 66.5 | 66.2 | 66.3 | 66.3 | 66.2 | 66.5 |
| Total employed ³ | 119,154 | 119,080 | 119,290 | 119,346 | 119,290 | 119,239 | 119,595 | 119,828 | 119,586 | 119,963 | 120,062 | 119,908 | 120,757 |
| Employment-population ratio ³ | 61.8 | 61.7 | 61.7 | 61.7 | 61.6 | 61.6 | 61.7 | 61.8 | 61.6 | 61.7 | 61.7 | 61.6 | 62.0 |
| Resident Armed Forces | 1,574 | 1,570 | 1,568 | 1,566 | 1,566 | 1,552 | 1,531 | 1,517 | 1,515 | 1,512 | 1,497 | 1,492 | 1,484 |
| Civilian employed | 117,580 | 117,510 | 117,722 | 117,780 | 117,724 | 117,687 | 118,064 | 118,311 | 118,071 | 118,451 | 118,565 | 118,416 | 119,273 |
| Agriculture | 3,186 | 3,244 | 3,207 | 3,218 | 3,221 | 3,169 | 3,209 | 3,262 | 3,191 | 3,116 | 3,082 | 3,060 | 3,070 |
| Nonagricultural industries | 114,394 | 114,266 | 114,515 | 114,562 | 114,503 | 114,518 | 114,855 | 115,049 | 114,879 | 115,335 | 115,483 | 115,356 | 116,203 |
| Unemployed | 9,459 | 9,788 | 9,628 | 9,624 | 9,550 | 9,379 | 9,301 | 9,280 | 9,013 | 8,876 | 8,864 | 8,925 | 8,858 |
| Unemployment rate ⁴ | 7.4 | 7.6 | 7.5 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 | 7.0 | 6.9 | 6.9 | 6.9 | 6.8 |
| Not in labor force | 64,268 | 64,157 | 64,272 | 64,386 | 64,673 | 65,065 | 64,951 | 64,918 | 65,561 | 65,459 | 65,530 | 65,785 | 65,152 |
| Men | | | | | | | | | | | | | |
| Noninstitutional population ¹ | 92,806 | 92,882 | 92,971 | 93,061 | 93,146 | 93,238 | 93,324 | 93,420 | 93,488 | 93,563 | 93,646 | 93,731 | 93,809 |
| Labor force ² | 70,741 | 70,827 | 70,723 | 70,840 | 70,860 | 70,728 | 70,708 | 70,754 | 70,473 | 70,690 | 70,835 | 70,773 | 71,047 |
| Percent of population ² | 76.2 | 76.3 | 76.1 | 76.1 | 76.1 | 75.9 | 75.8 | 75.7 | 75.4 | 75.6 | 75.6 | 75.5 | 75.7 |
| Total employed ³ | 65,244 | 65,161 | 65,238 | 65,309 | 65,383 | 65,318 | 65,416 | 65,554 | 65,544 | 65,693 | 65,674 | 65,694 | 66,056 |
| Employment-population ratio ³ | 70.3 | 70.2 | 70.2 | 70.2 | 70.2 | 70.1 | 70.1 | 70.2 | 70.1 | 70.2 | 70.1 | 70.1 | 70.4 |
| Resident Armed Forces | 1,414 | 1,410 | 1,408 | 1,408 | 1,407 | 1,394 | 1,373 | 1,360 | 1,358 | 1,355 | 1,342 | 1,338 | 1,330 |
| Civilian employed | 63,830 | 63,751 | 63,830 | 63,901 | 63,976 | 63,924 | 64,043 | 64,194 | 64,186 | 64,338 | 64,332 | 64,356 | 64,726 |
| Unemployed | 5,497 | 5,666 | 5,485 | 5,531 | 5,477 | 5,410 | 5,292 | 5,200 | 4,929 | 4,997 | 5,160 | 5,079 | 4,992 |
| Unemployment rate ⁴ | 7.8 | 8.0 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.3 | 7.0 | 7.1 | 7.3 | 7.2 | 7.0 |
| Not in labor force | 22,065 | 22,055 | 22,248 | 22,221 | 22,286 | 22,510 | 22,616 | 22,666 | 23,015 | 22,873 | 22,811 | 22,958 | 22,762 |
| Women | | | | | | | | | | | | | |
| Noninstitutional population ¹ | 100,075 | 100,142 | 100,220 | 100,295 | 100,367 | 100,445 | 100,523 | 100,606 | 100,671 | 100,734 | 100,809 | 100,887 | 100,959 |
| Labor force ² | 57,872 | 58,041 | 58,195 | 58,130 | 57,980 | 57,890 | 58,188 | 58,354 | 58,125 | 58,149 | 58,091 | 58,061 | 58,567 |
| Percent of population ² | 57.8 | 58.0 | 58.1 | 58.0 | 57.8 | 57.6 | 57.9 | 58.0 | 57.7 | 57.7 | 57.6 | 57.6 | 58.0 |
| Total employed ³ | 53,910 | 53,919 | 54,052 | 54,037 | 53,907 | 53,921 | 54,179 | 54,274 | 54,042 | 54,271 | 54,388 | 54,214 | 54,701 |
| Employment-population ratio ³ | 53.9 | 53.8 | 53.9 | 53.9 | 53.7 | 53.7 | 53.9 | 53.9 | 53.7 | 53.9 | 54.0 | 53.7 | 54.2 |
| Resident Armed Forces | 160 | 160 | 160 | 158 | 159 | 158 | 158 | 157 | 157 | 157 | 155 | 154 | 154 |
| Civilian employed | 53,750 | 53,759 | 53,892 | 53,879 | 53,748 | 53,763 | 54,021 | 54,117 | 53,885 | 54,114 | 54,233 | 54,060 | 54,547 |
| Unemployed | 3,962 | 4,122 | 4,143 | 4,093 | 4,073 | 3,969 | 4,009 | 4,080 | 4,083 | 3,879 | 3,704 | 3,846 | 3,866 |
| Unemployment rate ⁴ | 6.8 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 7.0 | 7.0 | 6.7 | 6.4 | 6.6 | 6.6 |
| Not in labor force | 42,203 | 42,101 | 42,025 | 42,165 | 42,387 | 42,555 | 42,335 | 42,252 | 42,546 | 42,585 | 42,718 | 42,826 | 42,392 |

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 | 1992 | | | | | | | | 1993 | | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| TOTAL | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 191,307 | 191,455 | 191,622 | 191,790 | 191,947 | 192,131 | 192,316 | 192,509 | 192,644 | 192,786 | 192,959 | 193,126 | 193,283 |
| Civilian labor force | 127,039 | 127,298 | 127,350 | 127,404 | 127,274 | 127,066 | 127,365 | 127,591 | 127,083 | 127,327 | 127,429 | 127,341 | 128,131 |
| Percent of population | 66.4 | 66.5 | 66.5 | 66.4 | 66.3 | 66.1 | 66.2 | 66.3 | 66.0 | 66.0 | 66.0 | 65.9 | 66.3 |
| Employed | 117,580 | 117,510 | 117,722 | 117,780 | 117,724 | 117,687 | 118,064 | 118,311 | 118,071 | 118,451 | 118,565 | 118,416 | 119,273 |
| Employment-population ratio ² | 61.5 | 61.4 | 61.4 | 61.4 | 61.3 | 61.3 | 61.4 | 61.5 | 61.3 | 61.4 | 61.4 | 61.3 | 61.7 |
| Unemployed | 9,459 | 9,788 | 9,628 | 9,624 | 9,550 | 9,379 | 9,301 | 9,280 | 9,013 | 8,876 | 8,864 | 8,925 | 8,858 |
| Unemployment rate | 7.4 | 7.7 | 7.6 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 |
| Men, 16 years and over | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 91,392 | 91,472 | 91,563 | 91,653 | 91,739 | 91,844 | 91,951 | 92,060 | 92,130 | 92,208 | 92,304 | 92,393 | 92,479 |
| Civilian labor force | 69,327 | 69,417 | 69,315 | 69,432 | 69,453 | 69,334 | 69,335 | 69,394 | 69,115 | 69,335 | 69,493 | 69,435 | 69,717 |
| Percent of population | 75.9 | 75.9 | 75.7 | 75.8 | 75.7 | 75.5 | 75.4 | 75.4 | 75.2 | 75.2 | 75.3 | 75.2 | 75.4 |
| Employed | 63,830 | 63,751 | 63,830 | 63,901 | 63,976 | 63,924 | 64,043 | 64,194 | 64,186 | 64,338 | 64,332 | 64,356 | 64,726 |
| Employment-population ratio ² | 69.8 | 69.7 | 69.7 | 69.7 | 69.7 | 69.6 | 69.6 | 69.7 | 69.7 | 69.8 | 69.7 | 69.7 | 70.0 |
| Agriculture | 2,530 | 2,539 | 2,545 | 2,547 | 2,573 | 2,550 | 2,541 | 2,593 | 2,534 | 2,521 | 2,434 | 2,462 | 2,450 |
| Nonagricultural industries | 61,300 | 61,212 | 61,285 | 61,354 | 61,403 | 61,374 | 61,502 | 61,601 | 61,651 | 61,817 | 61,899 | 61,893 | 62,276 |
| Unemployed | 5,497 | 5,666 | 5,485 | 5,531 | 5,477 | 5,410 | 5,292 | 5,200 | 4,929 | 4,997 | 5,160 | 5,079 | 4,992 |
| Unemployment rate | 7.9 | 8.2 | 7.9 | 8.0 | 7.9 | 7.8 | 7.6 | 7.5 | 7.1 | 7.2 | 7.4 | 7.3 | 7.2 |
| Not in labor force | 22,065 | 22,055 | 22,248 | 22,221 | 22,286 | 22,510 | 22,616 | 22,666 | 23,015 | 22,873 | 22,811 | 22,958 | 22,762 |
| Men, 20 years and over | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 84,755 | 84,842 | 84,944 | 85,010 | 85,075 | 85,159 | 85,259 | 85,369 | 85,445 | 85,554 | 85,664 | 85,731 | 85,816 |
| Civilian labor force | 65,844 | 65,813 | 65,782 | 65,857 | 65,805 | 65,811 | 65,740 | 65,785 | 65,624 | 65,734 | 65,901 | 65,819 | 66,157 |
| Percent of population | 77.7 | 77.6 | 77.4 | 77.5 | 77.3 | 77.1 | 77.1 | 77.1 | 76.8 | 76.8 | 76.9 | 76.8 | 77.1 |
| Employed | 61,087 | 61,027 | 61,070 | 61,104 | 61,125 | 61,088 | 61,206 | 61,326 | 61,423 | 61,479 | 61,466 | 61,579 | 61,892 |
| Employment-population ratio ² | 72.1 | 71.9 | 71.9 | 71.9 | 71.8 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 71.8 | 71.8 | 72.1 |
| Agriculture | 2,366 | 2,366 | 2,359 | 2,363 | 2,382 | 2,378 | 2,326 | 2,371 | 2,340 | 2,299 | 2,248 | 2,273 | 2,237 |
| Nonagricultural industries | 58,721 | 58,661 | 58,711 | 58,741 | 58,743 | 58,710 | 58,880 | 58,955 | 59,083 | 59,180 | 59,218 | 59,305 | 59,655 |
| Unemployed | 4,757 | 4,786 | 4,712 | 4,753 | 4,680 | 4,723 | 4,534 | 4,459 | 4,201 | 4,255 | 4,435 | 4,240 | 4,266 |
| Unemployment rate | 7.2 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 | 6.9 | 6.8 | 6.4 | 6.5 | 6.7 | 6.4 | 6.4 |
| Not in labor force | 18,911 | 19,029 | 19,162 | 19,153 | 19,270 | 19,348 | 19,519 | 19,584 | 19,821 | 19,820 | 19,763 | 19,912 | 19,659 |
| Women, 16 years and over | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 99,915 | 99,982 | 100,060 | 100,137 | 100,208 | 100,287 | 100,365 | 100,449 | 100,514 | 100,577 | 100,654 | 100,733 | 100,805 |
| Civilian labor force | 57,712 | 57,881 | 58,035 | 57,972 | 57,821 | 57,732 | 58,030 | 58,197 | 57,968 | 57,992 | 57,936 | 57,907 | 58,413 |
| Percent of population | 57.8 | 57.9 | 58.0 | 57.9 | 57.7 | 57.6 | 57.8 | 57.9 | 57.7 | 57.7 | 57.6 | 57.5 | 57.9 |
| Employed | 53,750 | 53,759 | 53,892 | 53,879 | 53,748 | 53,763 | 54,021 | 54,117 | 53,885 | 54,114 | 54,233 | 54,060 | 54,547 |
| Employment-population ratio ² | 53.8 | 53.8 | 53.9 | 53.8 | 53.6 | 53.6 | 53.8 | 53.9 | 53.6 | 53.8 | 53.9 | 53.7 | 54.1 |
| Agriculture | 656 | 705 | 662 | 671 | 648 | 619 | 668 | 669 | 657 | 596 | 649 | 598 | 620 |
| Nonagricultural industries | 53,094 | 53,054 | 53,230 | 53,208 | 53,100 | 53,144 | 53,353 | 53,448 | 53,228 | 53,518 | 53,584 | 53,462 | 53,927 |
| Unemployed | 3,962 | 4,122 | 4,143 | 4,093 | 4,073 | 3,969 | 4,009 | 4,080 | 4,083 | 3,879 | 3,704 | 3,846 | 3,866 |
| Unemployment rate | 6.9 | 7.1 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 7.0 | 7.0 | 6.7 | 6.4 | 6.6 | 6.6 |
| Not in labor force | 42,203 | 42,101 | 42,025 | 42,165 | 42,387 | 42,555 | 42,335 | 42,252 | 42,546 | 42,585 | 42,718 | 42,826 | 42,392 |
| Women, 20 years and over | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 93,416 | 93,479 | 93,562 | 93,635 | 93,703 | 93,771 | 93,849 | 93,960 | 94,007 | 94,088 | 94,148 | 94,214 | 94,264 |
| Civilian labor force | 54,468 | 54,682 | 54,834 | 54,773 | 54,611 | 54,578 | 54,832 | 55,010 | 54,733 | 54,742 | 54,779 | 54,704 | 55,020 |
| Percent of population | 58.3 | 58.5 | 58.6 | 58.5 | 58.3 | 58.2 | 58.4 | 58.5 | 58.2 | 58.2 | 58.2 | 58.1 | 58.4 |
| Employed | 51,104 | 51,233 | 51,307 | 51,247 | 51,141 | 51,182 | 51,435 | 51,494 | 51,246 | 51,466 | 51,668 | 51,433 | 51,801 |
| Employment-population ratio ² | 54.7 | 54.8 | 54.8 | 54.7 | 54.6 | 54.6 | 54.8 | 54.8 | 54.5 | 54.7 | 54.9 | 54.6 | 55.0 |
| Agriculture | 619 | 665 | 617 | 619 | 594 | 584 | 616 | 613 | 608 | 551 | 618 | 576 | 594 |
| Nonagricultural industries | 50,485 | 50,568 | 50,690 | 50,628 | 50,547 | 50,598 | 50,819 | 50,881 | 50,638 | 50,915 | 51,050 | 50,856 | 51,207 |
| Unemployed | 3,364 | 3,449 | 3,527 | 3,526 | 3,470 | 3,396 | 3,397 | 3,516 | 3,486 | 3,276 | 3,111 | 3,271 | 3,219 |
| Unemployment rate | 6.2 | 6.3 | 6.4 | 6.4 | 6.4 | 6.2 | 6.2 | 6.4 | 6.4 | 6.0 | 5.7 | 6.0 | 5.9 |
| Not in labor force | 38,948 | 38,797 | 38,728 | 38,862 | 39,092 | 39,193 | 39,017 | 38,950 | 39,274 | 39,346 | 39,369 | 39,510 | 39,244 |
| Both sexes, 16 to 19 years | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 13,136 | 13,134 | 13,116 | 13,145 | 13,169 | 13,200 | 13,208 | 13,181 | 13,191 | 13,143 | 13,147 | 13,181 | 13,203 |
| Civilian labor force | 6,727 | 6,803 | 6,734 | 6,774 | 6,858 | 6,677 | 6,793 | 6,796 | 6,726 | 6,851 | 6,749 | 6,819 | 6,953 |
| Percent of population | 51.2 | 51.8 | 51.3 | 51.5 | 52.1 | 50.6 | 51.4 | 51.6 | 51.0 | 52.1 | 51.3 | 51.7 | 52.7 |
| Employed | 5,389 | 5,250 | 5,345 | 5,429 | 5,458 | 5,417 | 5,423 | 5,491 | 5,401 | 5,506 | 5,431 | 5,405 | 5,580 |
| Employment-population ratio ² | 41.0 | 40.0 | 40.8 | 41.3 | 41.4 | 41.0 | 41.1 | 41.7 | 40.9 | 41.9 | 41.3 | 41.0 | 42.3 |
| Agriculture | 201 | 213 | 231 | 236 | 245 | 207 | 267 | 278 | 243 | 266 | 216 | 211 | 239 |
| Nonagricultural industries | 5,188 | 5,037 | 5,114 | 5,193 | 5,213 | 5,210 | 5,156 | 5,213 | 5,158 | 5,240 | 5,215 | 5,194 | 5,341 |
| Unemployed | 1,338 | 1,553 | 1,389 | 1,345 | 1,400 | 1,260 | 1,370 | 1,305 | 1,325 | 1,345 | 1,318 | 1,414 | 1,373 |
| Unemployment rate | 19.9 | 22.8 | 20.6 | 19.9 | 20.4 | 18.9 | 20.2 | 19.2 | 19.7 | 19.6 | 19.5 | 20.7 | 19.7 |
| Not in labor force | 6,409 | 6,331 | 6,382 | 6,371 | 6,311 | 6,523 | 6,415 | 6,385 | 6,465 | 6,292 | 6,398 | 6,362 | 6,250 |

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 | 1992 | | | | | | | | 1993 | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| WHITE | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 162,483 | 162,575 | 162,682 | 162,791 | 162,891 | 163,013 | 163,132 | 163,259 | 163,343 | 163,429 | 163,543 | 163,649 | 163,748 |
| Civilian labor force | 108,551 | 108,671 | 108,783 | 108,707 | 108,606 | 108,483 | 108,723 | 108,946 | 108,729 | 108,754 | 108,998 | 108,589 | 109,277 |
| Percent of population | 66.8 | 66.8 | 66.9 | 66.8 | 66.7 | 66.5 | 66.6 | 66.6 | 66.6 | 66.5 | 66.6 | 66.4 | 66.7 |
| Employed | 101,530 | 101,307 | 101,558 | 101,524 | 101,412 | 101,458 | 101,816 | 102,043 | 101,987 | 102,109 | 102,339 | 102,035 | 102,675 |
| Employment-population ratio ² | 62.5 | 62.3 | 62.4 | 62.4 | 62.3 | 62.2 | 62.4 | 62.5 | 62.4 | 62.5 | 62.6 | 62.3 | 62.7 |
| Unemployed | 7,021 | 7,364 | 7,225 | 7,183 | 7,194 | 7,025 | 6,907 | 6,903 | 6,742 | 6,645 | 6,659 | 6,554 | 6,602 |
| Unemployment rate | 6.5 | 6.8 | 6.6 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 6.0 |
| Men, 20 years and over | | | | | | | | | | | | | |
| Civilian labor force | 56,944 | 56,921 | 56,927 | 56,926 | 56,902 | 56,910 | 56,858 | 56,937 | 56,895 | 56,942 | 57,070 | 56,895 | 57,073 |
| Percent of population | 78.1 | 78.0 | 77.9 | 77.9 | 77.8 | 77.7 | 77.6 | 77.6 | 77.5 | 77.5 | 77.6 | 77.3 | 77.5 |
| Employed | 53,290 | 53,221 | 53,310 | 53,300 | 53,279 | 53,305 | 53,369 | 53,543 | 53,615 | 53,649 | 53,656 | 53,667 | 53,834 |
| Employment-population ratio ² | 73.1 | 72.9 | 73.0 | 72.9 | 72.8 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 72.9 | 73.1 |
| Unemployed | 3,654 | 3,700 | 3,617 | 3,626 | 3,623 | 3,605 | 3,489 | 3,394 | 3,280 | 3,293 | 3,414 | 3,228 | 3,240 |
| Unemployment rate | 6.4 | 6.5 | 6.4 | 6.4 | 6.4 | 6.3 | 6.1 | 6.0 | 5.8 | 5.8 | 6.0 | 5.7 | 5.7 |
| Women, 20 years and over | | | | | | | | | | | | | |
| Civilian labor force | 45,864 | 46,028 | 46,162 | 46,055 | 45,888 | 45,905 | 46,095 | 46,240 | 46,096 | 46,002 | 46,142 | 45,908 | 46,321 |
| Percent of population | 58.0 | 58.2 | 58.3 | 58.2 | 57.9 | 57.9 | 58.1 | 58.3 | 58.1 | 57.9 | 58.1 | 57.7 | 58.2 |
| Employed | 43,458 | 43,504 | 43,557 | 43,468 | 43,326 | 43,365 | 43,661 | 43,667 | 43,583 | 43,626 | 43,839 | 43,564 | 43,943 |
| Employment-population ratio ² | 55.0 | 55.0 | 55.0 | 54.9 | 54.7 | 54.7 | 55.0 | 55.0 | 54.9 | 54.9 | 55.2 | 54.8 | 55.2 |
| Unemployed | 2,406 | 2,524 | 2,605 | 2,587 | 2,562 | 2,540 | 2,434 | 2,573 | 2,513 | 2,377 | 2,303 | 2,345 | 2,377 |
| Unemployment rate | 5.2 | 5.5 | 5.6 | 5.6 | 5.6 | 5.5 | 5.3 | 5.6 | 5.5 | 5.2 | 5.0 | 5.1 | 5.1 |
| Both sexes, 16 to 19 years | | | | | | | | | | | | | |
| Civilian labor force | 5,743 | 5,722 | 5,694 | 5,726 | 5,816 | 5,668 | 5,770 | 5,769 | 5,738 | 5,810 | 5,786 | 5,785 | 5,883 |
| Percent of population | 54.7 | 54.6 | 54.4 | 54.6 | 55.4 | 54.0 | 54.9 | 54.9 | 54.5 | 55.2 | 54.9 | 54.9 | 55.7 |
| Employed | 4,782 | 4,582 | 4,691 | 4,756 | 4,807 | 4,788 | 4,786 | 4,833 | 4,789 | 4,834 | 4,844 | 4,804 | 4,898 |
| Employment-population ratio ² | 45.6 | 43.7 | 44.9 | 45.4 | 45.8 | 45.6 | 45.5 | 46.0 | 45.5 | 45.9 | 46.0 | 45.6 | 46.4 |
| Unemployed | 961 | 1,140 | 1,003 | 970 | 1,009 | 880 | 984 | 936 | 949 | 976 | 942 | 981 | 985 |
| Unemployment rate | 16.7 | 19.9 | 17.6 | 16.9 | 17.3 | 15.5 | 17.1 | 16.2 | 16.5 | 16.8 | 16.3 | 17.0 | 16.7 |
| Men | 18.4 | 21.2 | 18.8 | 18.5 | 18.7 | 15.9 | 17.7 | 17.2 | 18.1 | 17.9 | 16.5 | 19.2 | 17.0 |
| Women | 14.9 | 18.4 | 16.3 | 15.2 | 15.8 | 15.1 | 16.4 | 15.1 | 14.9 | 15.6 | 16.0 | 14.5 | 16.5 |
| BLACK | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 21,909 | 21,937 | 21,966 | 21,997 | 22,027 | 22,061 | 22,096 | 22,131 | 22,157 | 22,184 | 22,217 | 22,249 | 22,280 |
| Civilian labor force | 13,869 | 14,001 | 13,995 | 14,106 | 13,981 | 13,948 | 13,894 | 13,935 | 13,822 | 14,018 | 13,834 | 13,872 | 13,955 |
| Percent of population | 63.3 | 63.8 | 63.7 | 64.1 | 63.5 | 63.2 | 62.9 | 63.0 | 62.4 | 63.2 | 62.3 | 62.4 | 62.6 |
| Employed | 11,858 | 11,971 | 11,979 | 12,098 | 12,033 | 11,984 | 11,948 | 11,960 | 11,853 | 12,186 | 11,962 | 11,959 | 12,157 |
| Employment-population ratio ² | 54.1 | 54.6 | 54.5 | 55.0 | 54.6 | 54.3 | 54.1 | 54.0 | 53.5 | 54.9 | 53.8 | 53.7 | 54.6 |
| Unemployed | 2,011 | 2,030 | 2,016 | 2,008 | 1,948 | 1,964 | 1,946 | 1,975 | 1,969 | 1,832 | 1,871 | 1,913 | 1,798 |
| Unemployment rate | 14.5 | 14.5 | 14.4 | 14.2 | 13.9 | 14.1 | 14.0 | 14.2 | 14.2 | 13.1 | 13.5 | 13.8 | 12.9 |
| Men, 20 years and over | | | | | | | | | | | | | |
| Civilian labor force | 6,487 | 6,512 | 6,481 | 6,534 | 6,495 | 6,499 | 6,481 | 6,450 | 6,486 | 6,534 | 6,491 | 6,412 | 6,485 |
| Percent of population | 73.4 | 73.6 | 73.1 | 73.6 | 73.1 | 73.0 | 72.6 | 72.1 | 72.4 | 72.9 | 72.3 | 71.3 | 72.0 |
| Employed | 5,595 | 5,626 | 5,602 | 5,634 | 5,620 | 5,611 | 5,640 | 5,589 | 5,645 | 5,754 | 5,640 | 5,597 | 5,699 |
| Employment-population ratio ² | 63.3 | 63.6 | 63.2 | 63.5 | 63.2 | 63.0 | 63.2 | 62.5 | 63.1 | 64.2 | 62.8 | 62.2 | 63.2 |
| Unemployed | 892 | 886 | 879 | 900 | 875 | 888 | 841 | 861 | 841 | 781 | 851 | 815 | 786 |
| Unemployment rate | 13.8 | 13.6 | 13.6 | 13.8 | 13.5 | 13.7 | 13.0 | 13.3 | 13.0 | 11.9 | 13.1 | 12.7 | 12.1 |
| Women, 20 years and over | | | | | | | | | | | | | |
| Civilian labor force | 6,599 | 6,694 | 6,716 | 6,757 | 6,675 | 6,682 | 6,639 | 6,687 | 6,536 | 6,683 | 6,584 | 6,659 | 6,632 |
| Percent of population | 60.0 | 60.8 | 60.9 | 61.2 | 60.3 | 60.3 | 59.9 | 60.2 | 58.8 | 60.0 | 59.1 | 59.6 | 59.3 |
| Employed | 5,813 | 5,876 | 5,902 | 5,954 | 5,944 | 5,930 | 5,854 | 5,889 | 5,717 | 5,936 | 5,897 | 5,936 | 5,958 |
| Employment-population ratio ² | 52.8 | 53.3 | 53.5 | 53.9 | 53.7 | 53.5 | 52.8 | 53.0 | 51.4 | 53.3 | 52.9 | 53.2 | 53.3 |
| Unemployed | 786 | 818 | 814 | 803 | 731 | 752 | 785 | 798 | 819 | 747 | 687 | 723 | 674 |
| Unemployment rate | 11.9 | 12.2 | 12.1 | 11.9 | 11.0 | 11.3 | 11.8 | 11.9 | 12.5 | 11.2 | 10.4 | 10.9 | 10.2 |

See footnotes at end of table.

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

(Numbers in thousands)

| Employment status, race, sex, age, and Hispanic origin | 1992 | | | | | | | | 1993 | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| BLACK—Continued | | | | | | | | | | | | | |
| Both sexes, 16 to 19 years | | | | | | | | | | | | | |
| Civilian labor force | 783 | 795 | 798 | 815 | 811 | 767 | 774 | 798 | 800 | 800 | 758 | 801 | 838 |
| Percent of population | 37.8 | 38.4 | 38.6 | 39.3 | 39.1 | 36.9 | 37.2 | 38.3 | 38.4 | 38.4 | 36.3 | 38.4 | 40.1 |
| Employed | 450 | 469 | 475 | 510 | 469 | 443 | 454 | 482 | 490 | 496 | 425 | 426 | 500 |
| Employment-population ratio ² | 21.7 | 22.7 | 23.0 | 24.6 | 22.6 | 21.3 | 21.8 | 23.2 | 23.5 | 23.8 | 20.4 | 20.4 | 23.9 |
| Unemployed | 333 | 326 | 323 | 305 | 342 | 324 | 320 | 316 | 310 | 304 | 333 | 375 | 338 |
| Unemployment rate | 42.5 | 41.0 | 40.5 | 37.4 | 42.2 | 42.2 | 41.3 | 39.6 | 38.7 | 38.0 | 43.9 | 46.8 | 40.3 |
| Men | 43.0 | 45.1 | 42.3 | 42.7 | 44.3 | 44.2 | 44.8 | 42.2 | 39.0 | 37.4 | 45.4 | 47.9 | 40.3 |
| Women | 42.1 | 36.4 | 38.4 | 31.8 | 39.8 | 39.8 | 37.5 | 36.5 | 38.5 | 38.6 | 42.0 | 45.3 | 40.4 |
| HISPANIC ORIGIN | | | | | | | | | | | | | |
| Civilian noninstitutional population ¹ | 15,184 | 15,224 | 15,263 | 15,303 | 15,342 | 15,382 | 15,421 | 15,461 | 15,500 | 15,540 | 15,585 | 15,635 | 15,681 |
| Civilian labor force | 10,092 | 10,126 | 10,150 | 10,116 | 10,213 | 10,210 | 10,211 | 10,351 | 10,225 | 10,280 | 10,343 | 10,210 | 10,232 |
| Percent of population | 66.5 | 66.5 | 66.5 | 66.1 | 66.6 | 66.4 | 66.2 | 66.9 | 66.0 | 66.1 | 66.4 | 65.3 | 65.2 |
| Employed | 8,951 | 8,927 | 8,955 | 8,969 | 9,028 | 9,011 | 8,990 | 9,145 | 9,043 | 9,108 | 9,166 | 9,148 | 9,239 |
| Employment-population ratio ² | 59.0 | 58.6 | 58.7 | 58.6 | 58.8 | 58.6 | 58.3 | 59.1 | 58.3 | 58.6 | 58.8 | 58.5 | 58.9 |
| Unemployed | 1,141 | 1,199 | 1,195 | 1,147 | 1,185 | 1,199 | 1,221 | 1,206 | 1,182 | 1,171 | 1,177 | 1,062 | 993 |
| Unemployment rate | 11.3 | 11.8 | 11.8 | 11.3 | 11.6 | 11.7 | 12.0 | 11.7 | 11.6 | 11.4 | 11.4 | 10.4 | 9.7 |

¹ The population figures are not adjusted for seasonal variation.

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

| Category | 1992 | | | | | | | | 1993 | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| CHARACTERISTIC | | | | | | | | | | | | | |
| Total | 117,580 | 117,510 | 117,722 | 117,780 | 117,724 | 117,687 | 118,064 | 118,311 | 118,071 | 118,451 | 118,565 | 118,416 | 119,273 |
| Married men, spouse present | 40,408 | 40,345 | 40,252 | 40,318 | 40,292 | 40,324 | 40,487 | 40,639 | 40,607 | 40,903 | 40,902 | 41,002 | 41,188 |
| Married women, spouse present | 30,160 | 30,303 | 30,269 | 30,212 | 30,108 | 30,030 | 30,244 | 30,403 | 30,298 | 30,515 | 30,669 | 30,171 | 30,401 |
| Women who maintain families | 6,565 | 6,579 | 6,565 | 6,641 | 6,639 | 6,626 | 6,585 | 6,548 | 6,555 | 6,615 | 6,792 | 6,942 | 6,826 |
| OCCUPATION | | | | | | | | | | | | | |
| Managerial and professional specialty | 30,997 | 31,011 | 30,995 | 31,198 | 31,174 | 31,289 | 31,529 | 31,485 | 31,874 | 31,907 | 32,272 | 31,682 | 32,056 |
| Technical, sales, and administrative support | 37,090 | 36,890 | 36,988 | 36,867 | 36,700 | 36,538 | 36,804 | 36,799 | 36,363 | 36,767 | 36,332 | 36,403 | 36,785 |
| Service occupations | 16,123 | 16,062 | 16,017 | 16,007 | 16,274 | 16,076 | 15,999 | 16,226 | 16,414 | 16,461 | 16,436 | 16,505 | 16,666 |
| Precision production, craft, and repair | 13,110 | 13,074 | 13,275 | 13,255 | 13,318 | 13,328 | 13,203 | 13,271 | 12,937 | 12,841 | 12,867 | 13,086 | 13,324 |
| Operators, fabricators, and laborers | 16,942 | 17,053 | 16,993 | 16,962 | 16,829 | 16,907 | 17,030 | 16,959 | 17,132 | 17,341 | 17,175 | 17,232 | 17,087 |
| Farming, forestry, and fishing | 3,369 | 3,409 | 3,452 | 3,489 | 3,509 | 3,547 | 3,507 | 3,525 | 3,403 | 3,319 | 3,385 | 3,288 | 3,356 |
| INDUSTRY AND CLASS OF WORKER | | | | | | | | | | | | | |
| Agriculture: | | | | | | | | | | | | | |
| Wage and salary workers | 1,682 | 1,701 | 1,712 | 1,698 | 1,694 | 1,656 | 1,685 | 1,735 | 1,661 | 1,614 | 1,568 | 1,632 | 1,586 |
| Self-employed workers | 1,400 | 1,396 | 1,392 | 1,417 | 1,397 | 1,405 | 1,370 | 1,397 | 1,404 | 1,363 | 1,377 | 1,324 | 1,368 |
| Unpaid family workers | 101 | 128 | 111 | 103 | 108 | 118 | 163 | 106 | 145 | 136 | 130 | 105 | 111 |
| Nonagricultural industries: | | | | | | | | | | | | | |
| Wage and salary workers | 105,634 | 105,365 | 105,619 | 105,697 | 105,643 | 105,863 | 105,913 | 105,978 | 105,883 | 106,163 | 106,447 | 106,055 | 106,777 |
| Government | 17,934 | 18,184 | 18,275 | 18,378 | 18,505 | 18,371 | 18,216 | 18,065 | 18,481 | 18,507 | 18,536 | 18,471 | 18,604 |
| Private industries | 87,700 | 87,181 | 87,344 | 87,319 | 87,138 | 87,492 | 87,697 | 87,913 | 87,402 | 87,655 | 87,911 | 87,583 | 88,173 |
| Private households | 1,085 | 1,139 | 1,232 | 1,116 | 1,158 | 1,102 | 1,109 | 1,091 | 1,061 | 1,071 | 1,143 | 1,113 | 1,089 |
| Other industries | 86,615 | 86,042 | 86,112 | 86,203 | 85,980 | 86,390 | 86,588 | 86,822 | 86,341 | 86,584 | 86,769 | 86,470 | 87,084 |
| Self-employed workers | 8,586 | 8,595 | 8,663 | 8,642 | 8,662 | 8,558 | 8,700 | 8,668 | 8,793 | 9,065 | 8,832 | 8,950 | 9,246 |
| Unpaid family workers | 245 | 253 | 250 | 242 | 217 | 189 | 220 | 221 | 250 | 226 | 206 | 234 | 193 |
| PERSONS AT WORK PART TIME¹ | | | | | | | | | | | | | |
| All industries: | | | | | | | | | | | | | |
| Part time for economic reasons | 6,486 | 6,100 | 6,342 | 6,352 | 6,362 | 6,434 | 6,493 | 6,349 | 6,113 | 6,461 | 6,194 | 6,458 | 6,580 |
| Stack work | 3,314 | 3,289 | 3,283 | 3,254 | 3,171 | 3,160 | 3,161 | 3,206 | 2,994 | 3,150 | 3,039 | 3,128 | 3,206 |
| Could only find part-time work | 2,863 | 2,592 | 2,740 | 2,849 | 2,879 | 2,988 | 3,060 | 2,865 | 2,887 | 2,991 | 2,855 | 3,000 | 3,034 |
| Voluntary part time | 14,589 | 15,223 | 14,945 | 15,082 | 14,805 | 14,726 | 14,834 | 14,895 | 14,788 | 14,698 | 14,799 | 14,529 | 15,034 |
| Nonagricultural industries: | | | | | | | | | | | | | |
| Part time for economic reasons | 6,181 | 5,921 | 6,069 | 6,099 | 6,096 | 6,151 | 6,230 | 6,063 | 5,887 | 6,242 | 5,965 | 6,238 | 6,268 |
| Stack work | 3,107 | 3,138 | 3,123 | 3,121 | 3,001 | 2,993 | 2,984 | 3,024 | 2,800 | 2,990 | 2,887 | 2,963 | 3,028 |
| Could only find part-time work | 2,783 | 2,519 | 2,659 | 2,756 | 2,826 | 2,905 | 2,998 | 2,793 | 2,849 | 2,931 | 2,781 | 2,904 | 2,919 |
| Voluntary part time | 14,135 | 14,819 | 14,491 | 14,721 | 14,358 | 14,324 | 14,413 | 14,476 | 14,364 | 14,282 | 14,319 | 14,129 | 14,556 |

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 | 1992 | | | | | | | | 1993 | | | | |
|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| Total, 16 years and over | 117,580 | 117,510 | 117,722 | 117,780 | 117,724 | 117,687 | 118,064 | 118,311 | 118,071 | 118,451 | 118,565 | 118,416 | 119,273 |
| 16 to 24 years | 17,535 | 17,390 | 17,552 | 17,609 | 17,603 | 17,488 | 17,606 | 17,690 | 17,547 | 17,659 | 17,622 | 17,517 | 17,791 |
| 16 to 19 years | 5,389 | 5,250 | 5,345 | 5,429 | 5,458 | 5,417 | 5,423 | 5,491 | 5,401 | 5,506 | 5,431 | 5,405 | 5,580 |
| 16 to 17 years | 2,032 | 1,999 | 2,035 | 2,112 | 2,083 | 2,024 | 2,028 | 2,093 | 2,074 | 2,146 | 2,059 | 2,020 | 2,212 |
| 18 to 19 years | 3,344 | 3,216 | 3,296 | 3,319 | 3,384 | 3,401 | 3,384 | 3,379 | 3,335 | 3,381 | 3,375 | 3,380 | 3,361 |
| 20 to 24 years | 12,146 | 12,140 | 12,207 | 12,180 | 12,145 | 12,071 | 12,183 | 12,199 | 12,146 | 12,152 | 12,191 | 12,112 | 12,211 |
| 25 years and over | 100,059 | 100,096 | 100,202 | 100,197 | 100,128 | 100,206 | 100,419 | 100,603 | 100,481 | 100,904 | 100,941 | 100,825 | 101,463 |
| 25 to 54 years | 85,291 | 85,440 | 85,526 | 85,557 | 85,539 | 85,588 | 85,726 | 85,942 | 85,956 | 86,041 | 86,338 | 86,247 | 86,612 |
| 55 years and over | 14,678 | 14,700 | 14,685 | 14,651 | 14,607 | 14,598 | 14,729 | 14,643 | 14,599 | 14,872 | 14,642 | 14,620 | 14,741 |
| Men, 16 years and over | 63,830 | 63,751 | 63,830 | 63,901 | 63,976 | 63,924 | 64,043 | 64,194 | 64,186 | 64,338 | 64,332 | 64,356 | 64,726 |
| 16 to 24 years | 9,054 | 9,059 | 9,116 | 9,210 | 9,278 | 9,236 | 9,241 | 9,275 | 9,165 | 9,295 | 9,262 | 9,062 | 9,165 |
| 16 to 19 years | 2,743 | 2,724 | 2,760 | 2,797 | 2,851 | 2,836 | 2,837 | 2,868 | 2,763 | 2,859 | 2,867 | 2,777 | 2,834 |
| 16 to 17 years | 1,020 | 1,013 | 1,034 | 1,066 | 1,111 | 1,068 | 1,064 | 1,099 | 1,048 | 1,105 | 1,116 | 1,040 | 1,125 |
| 18 to 19 years | 1,713 | 1,678 | 1,717 | 1,710 | 1,755 | 1,773 | 1,769 | 1,757 | 1,728 | 1,755 | 1,758 | 1,741 | 1,706 |
| 20 to 24 years | 6,311 | 6,335 | 6,356 | 6,413 | 6,427 | 6,400 | 6,404 | 6,407 | 6,402 | 6,436 | 6,396 | 6,285 | 6,331 |
| 25 years and over | 54,781 | 54,677 | 54,732 | 54,693 | 54,694 | 54,690 | 54,808 | 54,918 | 55,002 | 55,114 | 55,031 | 55,220 | 55,544 |
| 25 to 54 years | 46,335 | 46,365 | 46,478 | 46,430 | 46,455 | 46,478 | 46,495 | 46,624 | 46,775 | 46,733 | 46,803 | 46,980 | 47,197 |
| 55 years and over | 8,415 | 8,302 | 8,273 | 8,269 | 8,243 | 8,214 | 8,328 | 8,270 | 8,305 | 8,404 | 8,269 | 8,238 | 8,304 |
| Women, 16 years and over | 53,750 | 53,759 | 53,892 | 53,879 | 53,748 | 53,763 | 54,021 | 54,117 | 53,885 | 54,114 | 54,233 | 54,060 | 54,547 |
| 16 to 24 years | 8,481 | 8,331 | 8,436 | 8,399 | 8,325 | 8,252 | 8,365 | 8,415 | 8,382 | 8,364 | 8,360 | 8,456 | 8,626 |
| 16 to 19 years | 2,646 | 2,526 | 2,585 | 2,632 | 2,607 | 2,581 | 2,586 | 2,623 | 2,638 | 2,647 | 2,564 | 2,628 | 2,746 |
| 16 to 17 years | 1,012 | 986 | 1,001 | 1,046 | 972 | 956 | 964 | 994 | 1,026 | 1,041 | 943 | 980 | 1,087 |
| 18 to 19 years | 1,631 | 1,538 | 1,579 | 1,609 | 1,629 | 1,628 | 1,615 | 1,622 | 1,607 | 1,626 | 1,617 | 1,639 | 1,655 |
| 20 to 24 years | 5,835 | 5,805 | 5,851 | 5,767 | 5,718 | 5,671 | 5,779 | 5,792 | 5,744 | 5,717 | 5,796 | 5,828 | 5,879 |
| 25 years and over | 45,278 | 45,419 | 45,470 | 45,504 | 45,434 | 45,516 | 45,611 | 45,685 | 45,479 | 45,790 | 45,910 | 45,605 | 45,919 |
| 25 to 54 years | 38,956 | 39,075 | 39,048 | 39,127 | 39,084 | 39,110 | 39,231 | 39,318 | 39,181 | 39,308 | 39,535 | 39,267 | 39,415 |
| 55 years and over | 6,263 | 6,398 | 6,412 | 6,382 | 6,364 | 6,384 | 6,401 | 6,373 | 6,294 | 6,469 | 6,372 | 6,381 | 6,437 |

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

(In thousands)

| Sex and age | 1992 | | | | | | | | 1993 | | | | |
|---------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| Total, 16 years and over | 9,459 | 9,788 | 9,628 | 9,624 | 9,550 | 9,379 | 9,301 | 9,280 | 9,013 | 8,876 | 8,864 | 8,925 | 8,858 |
| 16 to 24 years | 2,925 | 3,086 | 2,985 | 2,928 | 2,961 | 2,753 | 2,884 | 2,854 | 2,846 | 2,872 | 2,767 | 2,850 | 2,938 |
| 16 to 19 years | 1,338 | 1,553 | 1,389 | 1,345 | 1,400 | 1,260 | 1,370 | 1,305 | 1,325 | 1,345 | 1,318 | 1,414 | 1,373 |
| 16 to 17 years | 627 | 717 | 628 | 579 | 650 | 575 | 634 | 585 | 654 | 580 | 662 | 600 | 593 |
| 18 to 19 years | 731 | 833 | 760 | 751 | 757 | 689 | 737 | 733 | 644 | 757 | 663 | 814 | 799 |
| 20 to 24 years | 1,587 | 1,533 | 1,596 | 1,583 | 1,561 | 1,493 | 1,514 | 1,549 | 1,521 | 1,527 | 1,449 | 1,436 | 1,565 |
| 25 years and over | 6,506 | 6,753 | 6,631 | 6,679 | 6,607 | 6,622 | 6,428 | 6,432 | 6,203 | 5,998 | 6,058 | 6,049 | 5,891 |
| 25 to 54 years | 5,744 | 5,894 | 5,840 | 5,889 | 5,849 | 5,863 | 5,719 | 5,756 | 5,518 | 5,343 | 5,407 | 5,406 | 5,237 |
| 55 years and over | 745 | 812 | 820 | 803 | 789 | 760 | 723 | 699 | 684 | 663 | 637 | 626 | 647 |
| Men, 16 years and over | 5,497 | 5,666 | 5,465 | 5,531 | 5,477 | 5,410 | 5,292 | 5,200 | 4,929 | 4,997 | 5,160 | 5,079 | 4,992 |
| 16 to 24 years | 1,667 | 1,743 | 1,670 | 1,655 | 1,647 | 1,549 | 1,645 | 1,601 | 1,581 | 1,574 | 1,553 | 1,657 | 1,619 |
| 16 to 19 years | 740 | 880 | 773 | 778 | 797 | 687 | 758 | 741 | 728 | 742 | 725 | 839 | 726 |
| 16 to 17 years | 350 | 404 | 342 | 331 | 360 | 311 | 356 | 320 | 369 | 330 | 355 | 336 | 329 |
| 18 to 19 years | 406 | 476 | 429 | 437 | 436 | 383 | 402 | 419 | 347 | 410 | 377 | 500 | 413 |
| 20 to 24 years | 927 | 863 | 897 | 877 | 850 | 862 | 887 | 860 | 853 | 832 | 828 | 818 | 893 |
| 25 years and over | 3,794 | 3,936 | 3,807 | 3,862 | 3,829 | 3,855 | 3,656 | 3,604 | 3,399 | 3,429 | 3,572 | 3,423 | 3,338 |
| 25 to 54 years | 3,337 | 3,378 | 3,328 | 3,388 | 3,374 | 3,390 | 3,246 | 3,173 | 3,011 | 3,039 | 3,133 | 3,025 | 2,938 |
| 55 years and over | 463 | 509 | 489 | 479 | 466 | 474 | 437 | 440 | 399 | 394 | 414 | 384 | 409 |
| Women, 16 years and over | 3,962 | 4,122 | 4,143 | 4,093 | 4,073 | 3,969 | 4,009 | 4,080 | 4,083 | 3,879 | 3,704 | 3,846 | 3,866 |
| 16 to 24 years | 1,258 | 1,343 | 1,315 | 1,273 | 1,314 | 1,204 | 1,239 | 1,253 | 1,266 | 1,299 | 1,214 | 1,193 | 1,318 |
| 16 to 19 years | 598 | 673 | 616 | 567 | 603 | 573 | 612 | 564 | 597 | 603 | 593 | 575 | 647 |
| 16 to 17 years | 277 | 313 | 286 | 248 | 290 | 264 | 278 | 265 | 285 | 250 | 307 | 264 | 264 |
| 18 to 19 years | 325 | 357 | 331 | 314 | 321 | 306 | 335 | 314 | 297 | 347 | 286 | 314 | 386 |
| 20 to 24 years | 660 | 670 | 699 | 706 | 711 | 631 | 627 | 689 | 669 | 696 | 621 | 618 | 671 |
| 25 years and over | 2,712 | 2,817 | 2,824 | 2,817 | 2,778 | 2,767 | 2,772 | 2,828 | 2,804 | 2,569 | 2,485 | 2,626 | 2,553 |
| 25 to 54 years | 2,407 | 2,516 | 2,512 | 2,501 | 2,475 | 2,473 | 2,473 | 2,583 | 2,507 | 2,304 | 2,274 | 2,381 | 2,300 |
| 55 years and over | 282 | 303 | 331 | 324 | 303 | 286 | 286 | 259 | 285 | 269 | 222 | 242 | 238 |

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Civilian workers)

| Sex and age | 1992 | | | | | | | | 1993 | | | | |
|--------------------------------|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| Total, 16 years and over | 7.4 | 7.7 | 7.6 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 |
| 16 to 24 years | 14.3 | 15.1 | 14.5 | 14.3 | 14.4 | 13.6 | 14.1 | 13.9 | 14.0 | 14.0 | 13.6 | 14.0 | 14.2 |
| 16 to 19 years | 19.9 | 22.8 | 20.6 | 19.9 | 20.4 | 18.9 | 20.2 | 19.2 | 19.7 | 19.6 | 19.5 | 20.7 | 19.7 |
| 16 to 17 years | 23.6 | 26.4 | 23.6 | 21.5 | 23.8 | 22.1 | 23.8 | 21.8 | 24.0 | 21.3 | 24.3 | 22.9 | 21.1 |
| 18 to 19 years | 17.9 | 20.6 | 18.7 | 18.5 | 18.3 | 16.8 | 17.9 | 17.8 | 16.2 | 18.3 | 16.4 | 19.4 | 19.2 |
| 20 to 24 years | 11.6 | 11.2 | 11.6 | 11.5 | 11.4 | 11.0 | 11.1 | 11.3 | 11.1 | 11.2 | 10.6 | 10.6 | 11.4 |
| 25 years and over | 6.1 | 6.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.0 | 6.0 | 5.8 | 5.6 | 5.7 | 5.7 | 5.5 |
| 25 to 54 years | 6.3 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.0 | 5.8 | 5.9 | 5.9 | 5.7 |
| 55 years and over | 4.8 | 5.2 | 5.3 | 5.2 | 5.0 | 4.9 | 4.7 | 4.6 | 4.5 | 4.3 | 4.2 | 4.1 | 4.2 |
| Men, 16 years and over | 7.9 | 8.2 | 7.9 | 8.0 | 7.9 | 7.8 | 7.6 | 7.5 | 7.1 | 7.2 | 7.4 | 7.3 | 7.2 |
| 16 to 24 years | 15.5 | 16.1 | 15.5 | 15.2 | 15.1 | 14.4 | 15.1 | 14.7 | 14.7 | 14.5 | 14.4 | 15.5 | 15.0 |
| 16 to 19 years | 21.2 | 24.4 | 21.9 | 21.8 | 21.8 | 19.5 | 21.1 | 20.5 | 20.9 | 20.6 | 20.2 | 23.2 | 20.4 |
| 16 to 17 years | 25.5 | 28.5 | 24.9 | 23.7 | 24.5 | 22.6 | 25.1 | 22.6 | 26.0 | 23.0 | 24.1 | 24.4 | 22.6 |
| 18 to 19 years | 19.2 | 22.1 | 20.0 | 20.4 | 19.9 | 17.8 | 18.5 | 19.3 | 16.7 | 18.9 | 17.7 | 22.3 | 19.5 |
| 20 to 24 years | 12.8 | 12.0 | 12.4 | 12.0 | 11.7 | 11.9 | 12.2 | 11.8 | 11.8 | 11.4 | 11.5 | 11.5 | 12.4 |
| 25 years and over | 6.5 | 6.7 | 6.5 | 6.6 | 6.5 | 6.6 | 6.3 | 6.2 | 5.8 | 5.9 | 6.1 | 5.8 | 5.7 |
| 25 to 54 years | 6.7 | 6.8 | 6.7 | 6.8 | 6.8 | 6.8 | 6.5 | 6.4 | 6.0 | 6.1 | 6.3 | 6.0 | 5.9 |
| 55 years and over | 5.2 | 5.8 | 5.6 | 5.5 | 5.4 | 5.5 | 5.0 | 5.1 | 4.6 | 4.5 | 4.8 | 4.5 | 4.7 |
| Women, 16 years and over | 6.9 | 7.1 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 7.0 | 7.0 | 6.7 | 6.4 | 6.6 | 6.6 |
| 16 to 24 years | 12.9 | 13.9 | 13.5 | 13.2 | 13.6 | 12.7 | 12.9 | 13.0 | 13.1 | 13.4 | 12.7 | 12.4 | 13.3 |
| 16 to 19 years | 18.4 | 21.0 | 19.2 | 17.7 | 18.8 | 18.2 | 19.1 | 17.7 | 18.5 | 18.6 | 18.8 | 18.0 | 19.1 |
| 16 to 17 years | 21.5 | 24.1 | 22.2 | 19.2 | 23.0 | 21.6 | 22.4 | 21.0 | 21.7 | 19.4 | 24.6 | 21.2 | 19.5 |
| 18 to 19 years | 16.6 | 18.8 | 17.3 | 16.3 | 16.5 | 15.8 | 17.2 | 16.2 | 15.6 | 17.6 | 15.0 | 16.1 | 18.9 |
| 20 to 24 years | 10.2 | 10.3 | 10.7 | 10.9 | 11.1 | 10.0 | 9.8 | 10.6 | 10.4 | 10.8 | 9.7 | 9.6 | 10.2 |
| 25 years and over | 5.7 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 | 5.7 | 5.8 | 5.8 | 5.3 | 5.1 | 5.4 | 5.3 |
| 25 to 54 years | 5.8 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 | 6.2 | 6.0 | 5.5 | 5.4 | 5.7 | 5.5 |
| 55 years and over | 4.3 | 4.5 | 4.9 | 4.8 | 4.5 | 4.3 | 4.3 | 3.9 | 4.3 | 4.0 | 3.4 | 3.7 | 3.6 |

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

| Category | 1992 | | | | | | | | 1993 | | | | |
|---|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| CHARACTERISTIC | | | | | | | | | | | | | |
| Total (all civilian workers) | 7.4 | 7.7 | 7.6 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 |
| Men, 20 years and over | 7.2 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 | 6.9 | 6.8 | 6.4 | 6.5 | 6.7 | 6.4 | 6.4 |
| Women, 20 years and over | 6.2 | 6.3 | 6.4 | 6.4 | 6.4 | 6.2 | 6.2 | 6.4 | 6.4 | 6.0 | 5.7 | 6.0 | 5.9 |
| Both sexes, 16 to 19 years | 19.9 | 22.8 | 20.6 | 19.9 | 20.4 | 18.9 | 20.2 | 19.2 | 19.7 | 19.6 | 19.5 | 20.7 | 19.7 |
| White | 6.5 | 6.8 | 6.6 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 6.0 |
| Black and other | 12.9 | 13.1 | 13.0 | 12.9 | 12.6 | 12.5 | 12.6 | 12.8 | 12.9 | 12.0 | 12.0 | 12.5 | 11.7 |
| Black | 14.5 | 14.5 | 14.4 | 14.2 | 13.9 | 14.1 | 14.0 | 14.2 | 14.2 | 13.1 | 13.5 | 13.8 | 12.9 |
| Hispanic origin | 11.3 | 11.8 | 11.8 | 11.3 | 11.6 | 11.7 | 12.0 | 11.7 | 11.6 | 11.4 | 11.4 | 10.4 | 9.7 |
| Married men, spouse present | 5.0 | 5.1 | 5.2 | 5.3 | 5.2 | 5.1 | 4.9 | 4.8 | 4.5 | 4.5 | 4.7 | 4.5 | 4.5 |
| Married women, spouse present | 5.0 | 5.2 | 5.2 | 5.0 | 5.0 | 5.1 | 5.0 | 5.0 | 4.9 | 4.4 | 4.3 | 4.8 | 4.5 |
| Women who maintain families | 9.9 | 10.1 | 10.3 | 10.3 | 9.1 | 9.3 | 10.4 | 10.3 | 10.6 | 10.2 | 9.0 | 9.6 | 9.9 |
| Full-time workers | 7.1 | 7.4 | 7.3 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 |
| Part-time workers | 9.3 | 9.3 | 9.2 | 9.1 | 9.5 | 9.2 | 9.2 | 9.7 | 9.3 | 9.1 | 8.9 | 9.7 | 8.4 |
| Unemployed 15 weeks and over ¹ | 2.6 | 2.7 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.8 | 2.6 | 2.5 | 2.4 | 2.3 | 2.3 |
| Labor force time lost ² | 8.3 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 8.1 | 7.9 | 7.9 | 7.9 | 7.8 | 7.9 |
| OCCUPATION³ | | | | | | | | | | | | | |
| Managerial and professional specialty | 3.2 | 3.1 | 3.1 | 3.2 | 3.2 | 3.2 | 3.1 | 3.2 | 3.3 | 3.5 | 3.1 | 3.0 | 3.1 |
| Technical, sales, and administrative support | 5.7 | 6.0 | 6.0 | 6.0 | 5.9 | 6.0 | 5.7 | 5.8 | 5.5 | 5.2 | 5.1 | 5.4 | 5.3 |
| Precision production, craft, and repair | 8.7 | 9.0 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.8 | 7.9 | 7.8 | 8.4 | 8.7 | 8.0 |
| Operators, fabricators, and laborers | 11.2 | 11.3 | 11.4 | 11.1 | 11.1 | 11.0 | 10.6 | 10.0 | 9.8 | 9.9 | 10.3 | 9.7 | 9.9 |
| Farming, forestry, and fishing | 8.0 | 8.2 | 8.5 | 7.9 | 8.9 | 7.9 | 8.8 | 8.7 | 8.5 | 9.0 | 8.3 | 8.6 | 7.4 |
| INDUSTRY | | | | | | | | | | | | | |
| Nonagricultural private wage and salary workers | 7.7 | 7.9 | 7.8 | 7.9 | 7.8 | 7.8 | 7.5 | 7.5 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 |
| Goods-producing industries | 9.7 | 10.1 | 10.1 | 10.0 | 10.1 | 9.9 | 9.3 | 9.0 | 8.8 | 8.6 | 9.0 | 8.9 | 9.0 |
| Mining | 8.5 | 9.0 | 9.9 | 10.6 | 7.2 | 8.3 | 5.3 | 5.5 | 7.8 | 7.1 | 5.5 | 8.6 | 10.9 |
| Construction | 16.9 | 17.4 | 17.0 | 17.0 | 17.4 | 16.1 | 14.5 | 15.7 | 14.3 | 13.7 | 15.3 | 14.5 | 15.4 |
| Manufacturing | 7.7 | 8.1 | 8.2 | 8.0 | 8.1 | 8.2 | 8.0 | 7.2 | 7.3 | 7.2 | 7.3 | 7.2 | 7.1 |
| Durable goods | 7.8 | 8.1 | 8.4 | 8.3 | 8.4 | 8.9 | 8.5 | 7.5 | 7.3 | 6.9 | 7.0 | 7.2 | 7.0 |
| Nondurable goods | 7.6 | 8.1 | 8.0 | 7.4 | 7.7 | 7.3 | 7.3 | 6.9 | 7.2 | 7.5 | 7.6 | 7.3 | 7.3 |
| Service-producing industries | 6.9 | 7.0 | 6.9 | 7.1 | 6.9 | 7.0 | 6.7 | 6.9 | 6.7 | 6.6 | 6.4 | 6.6 | 6.4 |
| Transportation and public utilities | 5.1 | 5.5 | 5.7 | 5.4 | 5.7 | 5.8 | 6.1 | 5.6 | 4.9 | 4.6 | 4.9 | 5.0 | 5.5 |
| Wholesale and retail trade | 8.4 | 8.6 | 8.5 | 9.0 | 8.5 | 8.1 | 7.9 | 8.0 | 7.9 | 7.8 | 7.9 | 8.3 | 8.2 |
| Finance and service industries | 6.2 | 6.1 | 6.0 | 6.1 | 6.0 | 6.4 | 6.1 | 6.5 | 6.3 | 6.1 | 5.7 | 5.7 | 5.4 |
| Government workers | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.0 | 3.8 | 3.6 | 3.6 | 3.6 | 3.6 | 3.4 | 3.1 |
| Agricultural wage and salary workers | 13.3 | 12.8 | 13.8 | 11.4 | 14.3 | 12.5 | 13.5 | 12.2 | 11.6 | 13.1 | 12.1 | 11.2 | 10.4 |

¹ Unemployment as a percent of the civilian labor force.

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

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| Weeks of unemployment | 1992 | | | | | | | | 1993 | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| DURATION | | | | | | | | | | | | | |
| Less than 5 weeks | 3,362 | 3,512 | 3,373 | 3,289 | 3,281 | 3,192 | 3,120 | 3,042 | 3,272 | 3,232 | 3,102 | 3,355 | 3,315 |
| 5 to 14 weeks | 2,663 | 2,783 | 2,776 | 2,846 | 2,847 | 2,666 | 2,835 | 2,688 | 2,481 | 2,487 | 2,566 | 2,496 | 2,482 |
| 15 weeks and over | 3,349 | 3,432 | 3,547 | 3,547 | 3,522 | 3,564 | 3,446 | 3,605 | 3,317 | 3,143 | 3,073 | 2,926 | 3,004 |
| 15 to 26 weeks | 1,405 | 1,363 | 1,459 | 1,502 | 1,427 | 1,475 | 1,438 | 1,540 | 1,407 | 1,236 | 1,259 | 1,276 | 1,261 |
| 27 weeks and over | 1,944 | 2,069 | 2,088 | 2,045 | 2,095 | 2,089 | 2,008 | 2,065 | 1,910 | 1,907 | 1,814 | 1,650 | 1,743 |
| Average (mean) duration, in weeks | 17.9 | 18.2 | 18.3 | 18.3 | 18.5 | 19.2 | 18.4 | 19.2 | 18.7 | 18.3 | 17.5 | 17.4 | 17.6 |
| Median duration, in weeks | 8.8 | 8.7 | 8.6 | 8.9 | 9.3 | 9.3 | 9.4 | 9.4 | 8.5 | 8.2 | 8.3 | 8.5 | 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 | 35.9 | 36.1 | 34.8 | 34.0 | 34.0 | 33.9 | 33.2 | 32.6 | 36.1 | 36.5 | 35.5 | 38.2 | 37.7 |
| 5 to 14 weeks | 28.4 | 28.6 | 28.6 | 29.4 | 29.5 | 28.3 | 30.2 | 28.8 | 27.4 | 28.1 | 29.4 | 28.4 | 28.2 |
| 15 weeks and over | 35.7 | 35.3 | 36.6 | 36.6 | 36.5 | 37.8 | 36.7 | 38.6 | 36.6 | 35.5 | 35.2 | 33.3 | 34.1 |
| 15 to 26 weeks | 15.0 | 14.0 | 15.0 | 15.5 | 14.8 | 15.7 | 15.3 | 16.5 | 15.5 | 13.9 | 14.4 | 14.5 | 14.3 |
| 27 weeks and over | 20.7 | 21.3 | 21.5 | 21.1 | 21.7 | 22.2 | 21.4 | 22.1 | 21.1 | 21.5 | 20.7 | 18.8 | 19.8 |

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

(Numbers in thousands)

| Reasons for unemployment | 1992 | | | | | | | | 1993 | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
| NUMBER OF UNEMPLOYED | | | | | | | | | | | | | |
| Job losers | 5,430 | 5,535 | 5,462 | 5,414 | 5,438 | 5,492 | 5,207 | 5,138 | 4,847 | 4,648 | 4,812 | 4,821 | 4,690 |
| On layoff | 1,211 | 1,312 | 1,296 | 1,255 | 1,335 | 1,265 | 1,195 | 1,204 | 1,029 | 1,049 | 1,076 | 1,036 | 1,155 |
| Other job losers | 4,219 | 4,223 | 4,166 | 4,159 | 4,103 | 4,227 | 4,012 | 3,934 | 3,818 | 3,599 | 3,735 | 3,785 | 3,536 |
| Job leavers | 992 | 1,017 | 1,003 | 1,009 | 963 | 913 | 977 | 972 | 821 | 1,046 | 1,096 | 1,007 | 967 |
| Reentrants | 2,194 | 2,266 | 2,273 | 2,246 | 2,274 | 2,206 | 2,194 | 2,237 | 2,346 | 2,299 | 2,047 | 2,172 | 2,294 |
| New entrants | 863 | 999 | 958 | 941 | 944 | 784 | 930 | 930 | 960 | 887 | 930 | 940 | 906 |
| 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 | 57.3 | 56.4 | 56.3 | 56.3 | 56.5 | 58.5 | 55.9 | 55.4 | 54.0 | 52.3 | 54.2 | 53.9 | 52.9 |
| On layoff | 12.8 | 13.4 | 13.4 | 13.1 | 13.9 | 13.5 | 12.8 | 13.0 | 11.5 | 11.8 | 12.1 | 11.6 | 13.0 |
| Other job losers | 44.5 | 43.0 | 43.0 | 43.3 | 42.7 | 45.0 | 43.1 | 42.4 | 42.5 | 40.5 | 42.0 | 42.3 | 39.9 |
| Job leavers | 10.5 | 10.4 | 10.3 | 10.5 | 10.0 | 9.7 | 10.5 | 10.5 | 9.1 | 11.8 | 12.3 | 11.3 | 10.9 |
| Reentrants | 23.1 | 23.1 | 23.4 | 23.4 | 23.6 | 23.5 | 23.6 | 24.1 | 26.1 | 25.9 | 23.0 | 24.3 | 25.9 |
| New entrants | 9.1 | 10.2 | 9.9 | 9.8 | 9.8 | 8.3 | 10.0 | 10.0 | 10.7 | 10.0 | 10.5 | 10.5 | 10.2 |
| UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE | | | | | | | | | | | | | |
| Job losers | 4.3 | 4.3 | 4.3 | 4.2 | 4.3 | 4.3 | 4.1 | 4.0 | 3.8 | 3.7 | 3.8 | 3.8 | 3.7 |
| Job leavers | .8 | .8 | .8 | .8 | .8 | .7 | .8 | .8 | .6 | .8 | .9 | .8 | .8 |
| Reentrants | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.6 | 1.7 | 1.8 |
| New entrants | .7 | .8 | .8 | .7 | .7 | .6 | .7 | .7 | .8 | .7 | .7 | .7 | .7 |

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|---|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Total | | 108,519 | 108,124 | 108,672 | 109,547 | 110,449 | - | - | - | - | - |
| Total private | | 89,866 | 89,161 | 89,502 | 90,391 | 91,264 | 72,866 | 72,175 | 72,634 | 73,446 | 74,268 |
| Mining | | 631 | 637 | 590 | 595 | 599 | 445 | 448 | 414 | 419 | 420 |
| Metal mining | 10 | 53.2 | 53.0 | 51.2 | 51.1 | - | 41.7 | 41.3 | 40.7 | 40.7 | - |
| Iron ores | 101 | 8.9 | 8.9 | 8.7 | 8.7 | - | 6.7 | 6.7 | 6.8 | 6.9 | - |
| Copper ores | 102 | 15.2 | 15.1 | 15.0 | 15.1 | - | 12.4 | 12.3 | 12.4 | 12.4 | - |
| Coal mining | 12 | 125.5 | 127.2 | 113.5 | 113.5 | - | 101.8 | 103.5 | 90.7 | 91.1 | - |
| Bituminous coal and lignite mining | 122 | 116.9 | 118.6 | 105.8 | 105.7 | - | 94.7 | 96.4 | 84.4 | 84.6 | - |
| Oil and gas extraction | 13 | 350.3 | 354.6 | 330.3 | 331.0 | 332.9 | 226.1 | 227.0 | 211.5 | 212.3 | - |
| Crude petroleum and natural gas | 131 | 180.7 | 186.3 | 166.9 | 166.6 | - | 91.8 | 94.9 | 82.3 | 82.3 | - |
| Oil and gas field services | 138 | 163.7 | 162.3 | 157.8 | 158.9 | - | 130.0 | 127.8 | 124.9 | 125.8 | - |
| Nonmetallic minerals, except fuels | 14 | 101.5 | 101.7 | 95.1 | 99.6 | - | 75.7 | 76.1 | 70.6 | 74.7 | - |
| Crushed and broken stone | 142 | 37.5 | 37.8 | 35.2 | 37.0 | - | 28.7 | 29.0 | 26.9 | 28.6 | - |
| Sand and gravel | 144 | 32.3 | 32.3 | 29.2 | 31.6 | - | - | - | - | - | - |
| Chemical and fertilizer minerals | 147 | 14.8 | 14.6 | 14.5 | 14.4 | - | - | - | - | - | - |
| Construction | | 4,471 | 4,329 | 4,109 | 4,359 | 4,630 | 3,417 | 3,277 | 3,079 | 3,313 | 3,576 |
| General building contractors | 15 | 1,063.8 | 1,024.7 | 983.2 | 1,017.6 | 1,062.8 | 751.4 | 713.5 | 676.1 | 705.6 | - |
| Residential building construction | 152 | 519.7 | 499.9 | 484.6 | 506.1 | - | 354.0 | 336.0 | 319.5 | 336.5 | - |
| Operative builders | 153 | 27.0 | 26.8 | 25.6 | 26.1 | - | 11.6 | 11.0 | 11.1 | 11.2 | - |
| Nonresidential building construction | 154 | 517.1 | 498.0 | 473.0 | 485.4 | - | 385.8 | 366.5 | 345.5 | 357.9 | - |
| Heavy construction, except building | 16 | 711.2 | 690.9 | 612.2 | 673.6 | - | 587.8 | 566.7 | 494.9 | 554.2 | - |
| Highway and street construction | 161 | 214.3 | 200.2 | 159.5 | 199.1 | - | 175.6 | 162.2 | 122.5 | 160.8 | - |
| Heavy construction, except highway | 162 | 496.9 | 490.7 | 452.7 | 474.5 | - | 412.2 | 404.5 | 372.4 | 393.4 | - |
| Special trade contractors | 17 | 2,696.0 | 2,613.5 | 2,513.1 | 2,667.9 | - | 2,077.2 | 1,996.3 | 1,908.3 | 2,053.1 | - |
| Plumbing, heating, and air conditioning | 171 | 602.5 | 587.1 | 581.5 | 592.2 | - | 436.4 | 422.2 | 415.8 | 426.0 | - |
| Painting and paper hanging | 172 | 154.0 | 144.0 | 140.8 | 154.2 | - | 125.9 | 116.1 | 113.6 | 126.4 | - |
| Electrical work | 173 | 497.0 | 481.8 | 480.9 | 485.1 | - | 381.3 | 366.3 | 366.5 | 369.3 | - |
| Masonry, stonework, and plastering | 174 | 390.4 | 374.7 | 352.4 | 391.4 | - | 331.4 | 316.6 | 296.0 | 333.5 | - |
| Carpentry and floor work | 175 | 170.8 | 169.2 | 159.2 | 160.7 | - | 125.3 | 123.6 | 115.6 | 117.2 | - |
| Roofing, siding, and sheet metal work | 176 | 188.2 | 179.3 | 172.7 | 192.8 | - | 147.3 | 138.4 | 132.3 | 152.0 | - |
| Manufacturing | | 18,040 | 18,013 | 17,768 | 17,751 | 17,777 | 12,241 | 12,206 | 12,092 | 12,084 | 12,115 |
| Durable goods | | 10,237 | 10,267 | 10,064 | 10,051 | 10,046 | 6,793 | 6,805 | 6,721 | 6,718 | 6,723 |
| Lumber and wood products | 24 | 674.4 | 663.3 | 671.3 | 670.5 | 677.0 | 553.4 | 543.4 | 550.8 | 549.1 | 555.8 |
| Logging | 241 | 77.6 | 72.6 | 72.3 | 68.8 | - | 63.6 | 58.9 | 58.4 | 54.9 | - |
| Sawmills and planing mills | 242 | 178.7 | 178.8 | 175.2 | 175.1 | - | 154.9 | 155.0 | 151.8 | 151.5 | - |
| Sawmills and planing mills, general | 2421 | 143.6 | 143.8 | 139.7 | 139.7 | - | 124.1 | 124.3 | 120.9 | 120.7 | - |
| Hardwood dimension and flooring mills | 2426 | 33.0 | 32.8 | 33.4 | 33.3 | - | 28.9 | 28.8 | 29.2 | 29.1 | - |
| Millwork, plywood, and structural members | 243 | 239.0 | 234.9 | 240.8 | 241.2 | - | 191.0 | 187.5 | 192.8 | 193.0 | - |
| Millwork | 2431 | 99.9 | 99.1 | 100.4 | 100.3 | - | 77.9 | 77.4 | 78.4 | 78.1 | - |
| Wood kitchen cabinets | 2434 | 65.6 | 64.0 | 67.1 | 67.5 | - | 51.6 | 50.1 | 53.2 | 53.5 | - |
| Hardwood veneer and plywood | 2435 | 22.1 | 21.8 | 22.5 | 22.5 | - | 18.9 | 18.7 | 19.2 | 19.3 | - |
| Softwood veneer and plywood | 2436 | 27.3 | 27.1 | 27.3 | 26.8 | - | 24.5 | 24.3 | 24.5 | 24.0 | - |
| Wood containers | 244 | 43.0 | 43.0 | 43.0 | 43.4 | - | 36.0 | 36.1 | 36.3 | 36.7 | - |
| Wood buildings and mobile homes | 245 | 55.9 | 53.4 | 58.4 | 60.6 | - | 42.7 | 40.5 | 44.9 | 46.8 | - |
| Mobile homes | 2451 | 40.0 | 38.0 | 42.7 | 44.4 | - | 32.8 | 30.8 | 35.0 | 36.5 | - |
| Miscellaneous wood products | 249 | 80.3 | 80.6 | 81.6 | 81.4 | - | 65.3 | 65.4 | 66.6 | 66.2 | - |
| Furniture and fixtures | 25 | 476.1 | 475.4 | 477.4 | 477.8 | 477.8 | 375.4 | 375.5 | 376.5 | 377.0 | 376.8 |
| Household furniture | 251 | 270.0 | 271.9 | 274.3 | 273.0 | - | 224.8 | 226.8 | 229.0 | 228.0 | - |
| Wood household furniture | 2511 | 121.2 | 122.0 | 123.0 | 123.0 | - | 104.0 | 104.9 | 105.8 | 105.9 | - |
| Upholstered household furniture | 2512 | 86.5 | 86.5 | 88.6 | 88.1 | - | 71.8 | 72.0 | 73.7 | 73.2 | - |
| Metal household furniture | 2514 | 20.6 | 21.9 | 20.0 | 20.3 | - | 16.5 | 17.5 | 16.2 | 16.5 | - |
| Mattresses and bedsprings | 2515 | 27.9 | 28.0 | 29.2 | 29.1 | - | 21.2 | 21.3 | 22.3 | 22.2 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Durable goods—Continued | | | | | | | | | | | |
| Furniture and fixtures—Continued | | | | | | | | | | | |
| Office furniture | 252 | 61.9 | 60.5 | 60.6 | 60.3 | - | 45.8 | 44.9 | 44.1 | 43.6 | - |
| Public building and related furniture | 253 | 35.1 | 35.3 | 34.7 | 35.3 | - | 27.6 | 27.9 | 27.5 | 28.1 | - |
| Partitions and fixtures | 254 | 74.6 | 73.0 | 74.5 | 75.4 | - | 54.3 | 53.0 | 54.0 | 55.0 | - |
| Miscellaneous furniture and fixtures | 259 | 34.5 | 34.7 | 33.3 | 33.8 | - | 22.9 | 22.9 | 21.9 | 22.3 | - |
| Stone, clay, and glass products | 32 | 512.0 | 508.4 | 498.4 | 506.9 | 514.0 | 395.3 | 392.9 | 382.7 | 389.6 | 396.9 |
| Flat glass | 321 | 14.6 | 14.7 | 13.9 | 13.8 | - | 11.4 | 11.6 | 10.8 | 10.7 | - |
| Glass and glassware, pressed or blown | 322 | 79.1 | 78.6 | 79.0 | 78.1 | - | 67.3 | 67.3 | 66.4 | 65.3 | - |
| Glass containers | 3221 | 36.1 | 35.8 | 35.6 | 35.3 | - | 32.5 | 32.3 | 31.9 | 31.5 | - |
| Pressed and blown glass, nec | 3229 | 43.0 | 42.8 | 43.4 | 42.8 | - | 34.8 | 35.0 | 34.5 | 33.8 | - |
| Products of purchased glass | 323 | 58.5 | 57.4 | 58.2 | 58.1 | - | 44.3 | 43.4 | 44.3 | 44.2 | - |
| Cement, hydraulic | 324 | 17.3 | 17.0 | 16.6 | 16.6 | - | 13.4 | 13.2 | 12.7 | 12.8 | - |
| Structural clay products | 325 | 30.8 | 30.6 | 30.7 | 31.1 | - | 23.7 | 23.7 | 23.6 | 24.0 | - |
| Pottery and related products | 326 | 37.6 | 37.5 | 37.6 | 37.8 | - | 29.5 | 29.4 | 29.4 | 29.5 | - |
| Concrete, gypsum, and plaster products | 327 | 186.7 | 185.6 | 176.3 | 184.9 | - | 141.2 | 140.3 | 131.9 | 139.5 | - |
| Concrete block and brick | 3271 | 16.5 | 16.3 | 15.5 | 16.0 | - | 10.5 | 10.4 | 9.8 | 10.1 | - |
| Concrete products, nec | 3272 | 63.3 | 63.6 | 60.5 | 62.2 | - | 47.1 | 47.4 | 44.8 | 46.1 | - |
| Ready-mixed concrete | 3273 | 90.3 | 89.1 | 83.5 | 90.0 | - | 70.6 | 69.6 | 64.2 | 70.1 | - |
| Misc. nonmetallic mineral products | 329 | 73.8 | 73.4 | 73.2 | 73.2 | - | 54.8 | 54.2 | 54.3 | 54.0 | - |
| Abrasive products | 3291 | 19.3 | 19.3 | 19.4 | 19.3 | - | 14.2 | 14.2 | 14.3 | 14.1 | - |
| Asbestos products | 3292 | 3.1 | 3.0 | 3.0 | 3.0 | - | 2.4 | 2.3 | 2.4 | 2.4 | - |
| Mineral wool | 3296 | 21.8 | 21.7 | 21.1 | 21.2 | - | - | - | - | - | - |
| Primary metal industries | 33 | 693.4 | 696.2 | 678.9 | 676.4 | 676.8 | 524.3 | 525.4 | 516.7 | 514.1 | 515.2 |
| Blast furnaces and basic steel products | 331 | 250.1 | 251.8 | 239.5 | 239.0 | 238.4 | 188.7 | 189.9 | 182.4 | 182.0 | 181.2 |
| Blast furnaces and steel mills | 3312 | 186.7 | 188.6 | 176.3 | 175.7 | - | 141.3 | 142.9 | 134.9 | 134.5 | - |
| Steel pipe and tubes | 3317 | 25.0 | 25.0 | 25.1 | 25.0 | - | 18.5 | 18.4 | 18.6 | 18.6 | - |
| Iron and steel foundries | 332 | 120.0 | 120.0 | 118.6 | 117.6 | - | 95.9 | 95.5 | 94.5 | 93.4 | - |
| Gray and ductile iron foundries | 3321 | 74.9 | 74.8 | 75.0 | 74.0 | - | 60.8 | 60.7 | 60.3 | 59.3 | - |
| Malleable iron foundries | 3322 | 6.0 | 6.1 | 5.7 | 5.7 | - | 4.8 | 4.8 | 4.6 | 4.6 | - |
| Steel foundries, nec | 3325 | 23.9 | 23.7 | 24.2 | 24.2 | - | 18.5 | 18.2 | 18.9 | 18.9 | - |
| Primary nonferrous metals | 333 | 43.4 | 43.0 | 43.1 | 43.1 | - | 33.1 | 32.8 | 32.9 | 32.7 | - |
| Primary aluminum | 3334 | 25.0 | 24.6 | 25.1 | 25.0 | - | 20.0 | 19.7 | 19.8 | 19.7 | - |
| Nonferrous rolling and drawing | 335 | 161.8 | 162.3 | 160.4 | 159.8 | - | 116.5 | 116.4 | 116.7 | 115.8 | - |
| Copper rolling and drawing | 3351 | 22.6 | 22.6 | 22.6 | 22.5 | - | 17.2 | 17.2 | 17.2 | 17.1 | - |
| Aluminum sheet, plate, and foil | 3353 | 24.9 | 25.3 | 23.8 | 23.6 | - | 16.7 | 17.0 | 16.0 | 15.7 | - |
| Nonferrous wire drawing and insulating | 3357 | 68.2 | 68.7 | 68.3 | 68.2 | - | 49.4 | 49.5 | 50.0 | 49.7 | - |
| Nonferrous foundries (castings) | 336 | 77.1 | 77.8 | 76.8 | 76.3 | - | 60.5 | 61.1 | 61.1 | 60.7 | - |
| Aluminum foundries | 3365 | 22.2 | 22.2 | 22.1 | 22.0 | - | 17.5 | 17.5 | 17.6 | 17.5 | - |
| Fabricated metal products | 34 | 1,322.3 | 1,321.8 | 1,307.9 | 1,308.2 | 1,307.9 | 970.1 | 968.3 | 962.1 | 962.6 | 962.9 |
| Metal cans and shipping containers | 341 | 45.0 | 46.0 | 43.0 | 43.2 | - | 38.8 | 39.6 | 37.1 | 37.2 | - |
| Metal cans | 3411 | 36.0 | 36.9 | 34.4 | 34.6 | - | 31.6 | 32.3 | 30.2 | 30.3 | - |
| Cutlery, handtools, and hardware | 342 | 122.9 | 123.2 | 122.4 | 122.0 | - | 91.0 | 91.3 | 90.8 | 90.5 | - |
| Hand and edge tools, and blades and handsaws | 3423.5 | 41.0 | 41.3 | 41.0 | 40.8 | - | 30.3 | 30.5 | 30.5 | 30.5 | - |
| Hardware, nec | 3429 | 70.3 | 70.2 | 69.9 | 69.7 | - | 52.7 | 52.7 | 52.4 | 52.2 | - |
| Plumbing and heating, except electric | 343 | 56.3 | 55.5 | 56.6 | 56.5 | - | 39.7 | 38.7 | 40.5 | 40.0 | - |
| Plumbing fixture fittings and trim | 3432 | 24.2 | 24.4 | 25.0 | 24.8 | - | 18.1 | 18.3 | 19.0 | 18.7 | - |
| Heating equipment, except electric | 3433 | 19.1 | 18.2 | 18.4 | 18.6 | - | 12.3 | 11.3 | 11.7 | 11.8 | - |
| Fabricated structural metal products | 344 | 389.7 | 386.7 | 381.0 | 382.4 | - | 274.4 | 271.4 | 268.2 | 269.3 | - |
| Fabricated structural metal | 3441 | 69.0 | 69.8 | 66.2 | 66.9 | - | 49.4 | 50.1 | 47.3 | 47.3 | - |
| Metal doors, sash, and trim | 3442 | 68.9 | 67.6 | 67.2 | 67.9 | - | 49.5 | 48.3 | 47.9 | 48.5 | - |
| Fabricated plate work (boiler shops) | 3443 | 99.0 | 98.8 | 96.7 | 96.5 | - | 66.5 | 66.2 | 65.3 | 65.4 | - |
| Sheet metal work | 3444 | 91.3 | 90.3 | 90.2 | 90.0 | - | 68.4 | 67.5 | 67.1 | 67.2 | - |
| Architectural metal work | 3446 | 26.6 | 26.5 | 25.3 | 25.3 | - | 18.3 | 18.1 | 17.8 | 17.7 | - |
| Screw machine products, bolts, etc | 345 | 89.7 | 90.1 | 89.6 | 89.0 | - | 68.3 | 68.4 | 68.4 | 68.2 | - |
| Screw machine products | 3451 | 44.3 | 44.3 | 45.1 | 44.8 | - | 35.9 | 36.0 | 36.4 | 36.3 | - |
| Bolts, nuts, rivets, and washers | 3452 | 45.4 | 45.8 | 44.5 | 44.2 | - | 32.3 | 32.4 | 32.0 | 31.9 | - |
| Metal forgings and stampings | 346 | 216.6 | 216.4 | 217.8 | 217.9 | - | 171.8 | 171.4 | 173.5 | 173.7 | - |
| Iron and steel forgings | 3462 | 29.2 | 29.3 | 28.9 | 28.8 | - | 22.1 | 22.1 | 22.1 | 21.9 | - |
| Automotive stampings | 3465 | 97.7 | 97.9 | 98.8 | 99.2 | - | 82.2 | 82.4 | 83.6 | 84.1 | - |
| Metal stampings, nec | 3469 | 77.7 | 77.2 | 78.5 | 78.3 | - | 58.7 | 58.1 | 59.3 | 59.2 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Durable goods—Continued | | | | | | | | | | | |
| Fabricated metal products—Continued | | | | | | | | | | | |
| Metal services, nec | 347 | 114.6 | 114.9 | 114.5 | 114.7 | - | 88.5 | 88.8 | 88.5 | 88.9 | - |
| Plating and polishing | 3471 | 71.3 | 71.5 | 71.6 | 72.0 | - | 54.9 | 55.2 | 55.3 | 55.8 | - |
| Metal coating and allied services | 3479 | 43.3 | 43.4 | 42.9 | 42.7 | - | 33.6 | 33.6 | 33.2 | 33.1 | - |
| Ordnance and accessories, nec | 348 | 65.4 | 66.3 | 60.6 | 60.1 | - | 37.9 | 38.8 | 34.2 | 33.6 | - |
| Ammunition, except for small arms, nec | 3483 | 40.7 | 41.2 | 36.9 | 36.4 | - | 20.8 | 21.2 | 18.1 | 17.6 | - |
| Miscellaneous fabricated metal products | 349 | 222.3 | 222.7 | 222.4 | 222.4 | - | 159.8 | 159.9 | 160.9 | 161.2 | - |
| Valves and pipe fittings, nec | 3494 | 24.3 | 24.8 | 24.1 | 23.9 | - | 17.3 | 17.4 | 17.7 | 17.6 | - |
| Misc. fabricated wire products | 3496 | 51.1 | 50.9 | 51.2 | 51.7 | - | 38.5 | 38.5 | 38.6 | 39.3 | - |
| Industrial machinery and equipment | 35 | 1,922.4 | 1,924.7 | 1,908.1 | 1,904.9 | 1,904.3 | 1,147.9 | 1,149.7 | 1,154.2 | 1,152.4 | 1,153.8 |
| Engines and turbines | 351 | 87.2 | 85.4 | 87.9 | 87.7 | - | 54.9 | 54.1 | 55.1 | 54.9 | - |
| Turbines and turbine generator sets | 3511 | 28.3 | 28.2 | 28.4 | 28.3 | - | 16.8 | 16.8 | 16.7 | 16.6 | - |
| Internal combustion engines, nec | 3519 | 58.9 | 57.2 | 59.5 | 59.4 | - | 38.1 | 37.3 | 38.4 | 38.3 | - |
| Farm and garden machinery | 352 | 93.0 | 97.1 | 99.2 | 98.6 | - | 66.4 | 70.8 | 72.1 | 71.6 | - |
| Farm machinery and equipment | 3523 | 68.6 | 70.2 | 71.3 | 71.1 | - | 47.8 | 49.8 | 50.1 | 49.9 | - |
| Construction and related machinery | 353 | 202.8 | 197.0 | 205.7 | 206.5 | - | 121.0 | 118.2 | 124.5 | 125.4 | - |
| Construction machinery | 3531 | 73.4 | 66.9 | 77.5 | 78.6 | - | 43.5 | 40.4 | 47.0 | 47.8 | - |
| Mining machinery | 3532 | 15.7 | 15.9 | 15.5 | 15.3 | - | 9.3 | 9.4 | 9.2 | 9.0 | - |
| Oil and gas field machinery | 3533 | 38.9 | 40.0 | 37.0 | 37.1 | - | 24.6 | 25.4 | 23.8 | 24.0 | - |
| Conveyors and conveying equipment | 3535 | 33.2 | 33.0 | 33.5 | 33.4 | - | 18.1 | 17.9 | 18.5 | 18.6 | - |
| Industrial trucks and tractors | 3537 | 24.5 | 24.2 | 25.2 | 25.1 | - | 16.1 | 15.7 | 16.6 | 16.5 | - |
| Metalworking machinery | 354 | 302.3 | 301.8 | 305.3 | 304.5 | - | 212.3 | 212.0 | 214.8 | 213.9 | - |
| Machine tools, metal cutting types | 3541 | 38.1 | 38.7 | 36.8 | 36.6 | - | 23.5 | 23.8 | 22.3 | 22.2 | - |
| Machine tools, metal forming types | 3542 | 15.2 | 15.2 | 15.1 | 15.1 | - | 9.3 | 9.1 | 9.4 | 9.3 | - |
| Special dies, tools, jigs, and fixtures | 3544 | 137.5 | 136.8 | 141.3 | 141.0 | - | 104.6 | 104.0 | 108.0 | 107.6 | - |
| Machine tool accessories | 3545 | 48.5 | 48.4 | 48.6 | 48.2 | - | 34.1 | 34.1 | 33.9 | 33.6 | - |
| Power driven handtools | 3546 | 23.2 | 23.4 | 23.4 | 23.5 | - | 15.6 | 15.8 | 15.9 | 16.0 | - |
| Special industry machinery | 355 | 147.6 | 148.2 | 145.9 | 145.6 | - | 84.3 | 84.8 | 83.9 | 83.4 | - |
| Textile machinery | 3552 | 15.2 | 15.1 | 15.5 | 15.7 | - | 10.1 | 10.1 | 10.3 | 10.4 | - |
| Printing trades machinery | 3555 | 22.2 | 22.9 | 21.0 | 20.8 | - | 11.5 | 11.8 | 11.5 | 11.1 | - |
| Food products machinery | 3556 | 22.6 | 22.6 | 22.8 | 22.7 | - | 13.3 | 13.2 | 13.5 | 13.5 | - |
| General industrial machinery | 356 | 235.5 | 235.4 | 233.3 | 232.4 | - | 149.5 | 149.2 | 148.4 | 147.9 | - |
| Pumps and pumping equipment | 3561 | 31.4 | 31.4 | 30.7 | 30.3 | - | 17.6 | 17.7 | 17.0 | 16.7 | - |
| Ball and roller bearings | 3562 | 38.7 | 38.9 | 37.0 | 36.7 | - | 30.6 | 30.9 | 29.4 | 29.2 | - |
| Air and gas compressors | 3563 | 25.3 | 25.3 | 25.1 | 24.8 | - | 13.9 | 13.9 | 13.8 | 13.5 | - |
| Blowers and fans | 3564 | 30.9 | 30.9 | 30.9 | 31.0 | - | 21.0 | 21.0 | 20.9 | 20.9 | - |
| Speed changers, drives, and gears | 3566 | 15.8 | 15.7 | 16.1 | 16.1 | - | 11.1 | 11.0 | 11.3 | 11.3 | - |
| Power transmission equipment, nec | 3568 | 19.1 | 19.0 | 19.3 | 19.4 | - | 12.6 | 12.5 | 12.9 | 13.0 | - |
| Computer and office equipment | 357 | 391.3 | 394.8 | 369.7 | 367.6 | - | 128.6 | 128.4 | 124.5 | 123.7 | - |
| Electronic computers | 3571 | 240.4 | 245.3 | 218.9 | 217.0 | - | 61.0 | 62.4 | 56.7 | 56.3 | - |
| Computer terminals, calculators, and office machines, nec | 3575,8,9 | 58.8 | 59.1 | 56.7 | 56.3 | - | 26.2 | 26.2 | 25.5 | 25.0 | - |
| Refrigeration and service machinery | 358 | 172.8 | 175.2 | 174.5 | 175.6 | - | 120.8 | 122.8 | 121.9 | 122.8 | - |
| Refrigeration and heating equipment | 3585 | 118.3 | 121.3 | 119.0 | 120.0 | - | 86.6 | 89.1 | 87.3 | 88.2 | - |
| Misc. industrial and commercial machinery | 359 | 290.0 | 289.8 | 286.6 | 286.4 | - | 210.1 | 209.4 | 209.0 | 208.8 | - |
| Carburetors, pistons, rings, valves | 3592 | 20.9 | 21.2 | 20.5 | 20.6 | - | 16.9 | 17.2 | 16.6 | 16.7 | - |
| Scales, balances, and industrial machinery, nec | 3596,9 | 225.6 | 225.1 | 224.0 | 223.9 | - | 168.3 | 167.5 | 168.3 | 168.0 | - |
| Electronic and other electrical equipment | 36 | 1,525.7 | 1,526.6 | 1,515.6 | 1,511.7 | 1,511.9 | 969.2 | 968.0 | 967.9 | 966.6 | 966.5 |
| Electric distribution equipment | 361 | 83.0 | 83.1 | 81.9 | 81.4 | - | 57.0 | 57.0 | 56.8 | 56.5 | - |
| Transformers, except electronic | 3612 | 41.4 | 41.5 | 40.9 | 40.7 | - | 29.0 | 29.1 | 29.2 | 29.1 | - |
| Switchgear and switchboard apparatus | 3613 | 41.7 | 41.6 | 41.0 | 40.7 | - | 28.0 | 27.9 | 27.6 | 27.4 | - |
| Electrical industrial apparatus | 362 | 157.6 | 158.1 | 156.7 | 157.0 | - | 110.7 | 111.5 | 109.9 | 110.1 | - |
| Motors and generators | 3621 | 77.9 | 78.2 | 78.1 | 78.9 | - | 60.2 | 60.5 | 60.6 | 61.2 | - |
| Relays and industrial controls | 3625 | 60.5 | 60.7 | 59.2 | 58.7 | - | 37.2 | 37.6 | 35.7 | 35.2 | - |
| Household appliances | 363 | 116.2 | 117.9 | 120.2 | 121.8 | - | 92.8 | 94.5 | 95.7 | 97.5 | - |
| Household refrigerators and freezers | 3632 | 26.9 | 27.7 | 27.4 | 28.3 | - | 22.1 | 22.7 | 23.5 | 24.5 | - |
| Household laundry equipment | 3633 | 18.3 | 18.6 | 18.0 | 18.1 | - | 13.8 | 14.1 | 13.7 | 13.9 | - |
| Electric housewares and fans | 3634 | 28.7 | 27.9 | 29.0 | 28.8 | - | 22.2 | 21.6 | 22.2 | 22.2 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Durable goods—Continued | | | | | | | | | | | |
| Electronic and other electrical equipment—Continued | | | | | | | | | | | |
| Electric lighting and wiring equipment | 364 | 173.7 | 173.7 | 173.6 | 172.8 | - | 125.5 | 125.6 | 125.1 | 124.4 | - |
| Electric lamps | 3641 | 21.0 | 21.2 | 20.9 | 20.8 | - | 17.6 | 17.9 | 17.0 | 16.8 | - |
| Current-carrying wiring devices | 3643 | 64.4 | 64.3 | 63.8 | 63.9 | - | 42.9 | 42.8 | 42.5 | 42.3 | - |
| Noncurrent-carrying wiring devices | 3644 | 18.9 | 18.8 | 19.2 | 19.0 | - | 13.5 | 13.4 | 13.8 | 13.7 | - |
| Residential lighting fixtures | 3645 | 20.3 | 20.3 | 20.8 | 20.5 | - | 15.4 | 15.5 | 15.7 | 15.5 | - |
| Household audio and video equipment | 365 | 82.4 | 80.6 | 81.3 | 81.0 | - | 55.4 | 53.4 | 53.5 | 53.5 | - |
| Household audio and video equipment | 3651 | 59.3 | 59.0 | 56.4 | 55.8 | - | 38.3 | 37.6 | 35.2 | 35.0 | - |
| Communications equipment | 366 | 236.8 | 237.2 | 232.8 | 231.5 | - | 120.0 | 119.7 | 119.7 | 119.4 | - |
| Telephone and telegraph apparatus | 3661 | 108.4 | 108.4 | 106.9 | 106.0 | - | 59.2 | 58.6 | 59.8 | 59.3 | - |
| Electronic components and accessories | 367 | 524.9 | 525.0 | 520.7 | 518.9 | - | 303.8 | 302.2 | 305.2 | 303.7 | - |
| Electron tubes | 3671 | 26.6 | 27.2 | 24.5 | 24.5 | - | 17.8 | 18.3 | 16.5 | 16.5 | - |
| Semiconductors and related devices | 3674 | 217.6 | 217.3 | 214.8 | 213.6 | - | 89.7 | 88.6 | 90.8 | 90.3 | - |
| Electronic components, nec | 3679 | 125.1 | 125.9 | 122.1 | 121.7 | - | 81.4 | 81.8 | 79.3 | 78.7 | - |
| Misc. electrical equipment and supplies | 369 | 151.0 | 151.0 | 148.4 | 147.3 | - | 104.2 | 104.1 | 102.0 | 101.5 | - |
| Storage batteries | 3691 | 25.0 | 24.6 | 24.2 | 24.1 | - | 19.4 | 18.9 | 18.5 | 18.4 | - |
| Engine electrical equipment | 3694 | 63.8 | 64.3 | 61.8 | 60.8 | - | 48.3 | 48.6 | 47.4 | 46.9 | - |
| Transportation equipment | 37 | 1,822.2 | 1,857.3 | 1,751.3 | 1,743.1 | 1,731.9 | 1,141.2 | 1,162.6 | 1,112.8 | 1,109.3 | 1,102.7 |
| Motor vehicles and equipment | 371 | 808.7 | 821.6 | 813.4 | 813.5 | 813.9 | 619.0 | 627.9 | 626.0 | 626.2 | 627.6 |
| Motor vehicles and car bodies | 3711 | 314.1 | 324.6 | 315.7 | 314.9 | - | 228.1 | 236.6 | 229.6 | 228.9 | - |
| Truck and bus bodies | 3713 | 33.7 | 34.2 | 34.2 | 34.7 | - | 26.4 | 26.8 | 26.9 | 27.4 | - |
| Motor vehicle parts and accessories | 3714 | 417.4 | 419.9 | 417.4 | 416.8 | - | 330.9 | 331.7 | 332.9 | 332.4 | - |
| Truck trailers | 3715 | 26.1 | 25.1 | 27.7 | 28.5 | - | 20.4 | 19.4 | 22.1 | 22.8 | - |
| Aircraft and parts | 372 | 611.3 | 622.9 | 562.4 | 557.0 | 548.6 | 290.8 | 297.9 | 264.3 | 261.2 | - |
| Aircraft | 3721 | 332.0 | 336.6 | 309.8 | 306.6 | - | 137.8 | 140.7 | 127.4 | 126.1 | - |
| Aircraft engines and engine parts | 3724 | 127.1 | 129.5 | 115.4 | 116.4 | - | 64.6 | 65.6 | 57.8 | 57.9 | - |
| Aircraft parts and equipment, nec | 3728 | 152.2 | 156.8 | 137.2 | 134.0 | - | 88.5 | 91.6 | 79.1 | 77.2 | - |
| Ship and boat building and repairing | 373 | 169.0 | 173.2 | 160.6 | 160.5 | - | 130.2 | 133.7 | 125.2 | 125.0 | - |
| Ship building and repairing | 3731 | 123.9 | 127.9 | 114.8 | 113.9 | - | 93.6 | 96.8 | 87.6 | 86.6 | - |
| Boat building and repairing | 3732 | 45.0 | 45.3 | 45.8 | 46.6 | - | 36.6 | 36.9 | 37.6 | 38.4 | - |
| Railroad equipment | 374 | 27.8 | 28.1 | 27.6 | 27.0 | - | 20.6 | 20.7 | 20.4 | 19.9 | - |
| Guided missiles, space vehicles, and parts | 376 | 145.1 | 150.4 | 125.4 | 123.1 | - | 39.9 | 41.1 | 35.1 | 34.8 | - |
| Guided missiles and space vehicles | 3761 | 105.1 | 109.2 | 90.6 | 89.2 | - | 27.3 | 28.5 | 23.5 | 23.4 | - |
| Miscellaneous transportation equipment | 379 | 44.6 | 45.1 | 45.5 | 45.4 | - | 28.9 | 29.4 | 29.6 | 29.9 | - |
| Travel trailers and campers | 3792 | 16.8 | 16.8 | 18.1 | 18.3 | - | 13.5 | 13.5 | 14.7 | 14.9 | - |
| Instruments and related products | 38 | 924.6 | 930.6 | 894.6 | 890.5 | 883.2 | 454.5 | 457.0 | 438.7 | 437.4 | 433.3 |
| Search and navigation equipment | 381 | 228.0 | 233.9 | 208.7 | 206.5 | - | 72.6 | 74.4 | 67.0 | 66.3 | - |
| Measuring and controlling devices | 382 | 290.5 | 291.6 | 280.8 | 280.1 | - | 153.7 | 155.2 | 145.2 | 144.9 | - |
| Environmental controls | 3822 | 43.5 | 43.1 | 42.4 | 42.1 | - | 29.8 | 29.7 | 28.4 | 28.2 | - |
| Process control instruments | 3823 | 60.0 | 60.7 | 57.2 | 56.9 | - | 29.1 | 29.8 | 27.3 | 27.1 | - |
| Instruments to measure electricity | 3825 | 76.2 | 76.6 | 73.8 | 73.6 | - | 37.3 | 37.8 | 35.4 | 35.3 | - |
| Medical instruments and supplies | 384 | 264.0 | 263.0 | 265.9 | 265.2 | - | 153.1 | 151.3 | 154.1 | 154.0 | - |
| Surgical and medical instruments | 3841 | 107.1 | 106.3 | 108.7 | 108.8 | - | 63.6 | 62.6 | 64.9 | 65.3 | - |
| Surgical appliances and supplies | 3842 | 96.0 | 95.5 | 96.9 | 96.2 | - | 62.4 | 61.8 | 61.9 | 61.5 | - |
| Ophthalmic goods | 385 | 38.3 | 38.5 | 37.6 | 37.7 | - | 25.9 | 26.1 | 25.3 | 25.4 | - |
| Photographic equipment and supplies | 386 | 94.8 | 94.5 | 93.3 | 92.7 | - | 42.0 | 42.7 | 40.5 | 40.1 | - |
| Watches, clocks, watchcases, and parts | 387 | 9.0 | 9.1 | 8.3 | 8.3 | - | 7.3 | 7.3 | 6.6 | 6.7 | - |
| Miscellaneous manufacturing industries | 39 | 363.4 | 362.5 | 360.6 | 360.9 | 361.2 | 261.5 | 261.7 | 258.7 | 259.4 | 258.9 |
| Jewelry, silverware, and plated ware | 391 | 49.6 | 49.1 | 49.4 | 49.4 | - | 35.4 | 35.1 | 35.1 | 35.2 | - |
| Jewelry, precious metal | 3911 | 36.4 | 35.9 | 36.5 | 36.6 | - | 25.8 | 25.5 | 25.8 | 26.0 | - |
| Musical instruments | 393 | 13.0 | 13.1 | 13.1 | 13.2 | - | 10.6 | 10.7 | 10.7 | 10.9 | - |
| Toys and sporting goods | 394 | 106.6 | 107.1 | 106.6 | 105.8 | - | 77.6 | 78.5 | 77.2 | 76.4 | - |
| Dolls, games, toys, and children's vehicles | 3942,4 | 42.3 | 42.6 | 41.1 | 40.8 | - | 30.0 | 30.3 | 28.6 | 28.3 | - |
| Sporting and athletic goods, nec | 3949 | 64.3 | 64.5 | 65.5 | 65.0 | - | 47.5 | 48.2 | 48.6 | 48.1 | - |
| Pens, pencils, office, and art supplies | 395 | 32.7 | 33.1 | 31.1 | 31.3 | - | 22.0 | 22.4 | 20.5 | 20.8 | - |
| Costume jewelry and notions | 396 | 30.3 | 30.5 | 29.3 | 29.9 | - | 21.9 | 22.1 | 21.8 | 22.2 | - |
| Costume jewelry | 3961 | 18.5 | 18.5 | 17.5 | 18.1 | - | 12.9 | 13.1 | 12.9 | 13.2 | - |
| Miscellaneous manufactures | 399 | 131.2 | 129.6 | 131.1 | 131.3 | - | 94.0 | 92.9 | 93.4 | 93.9 | - |
| Signs and advertising specialties | 3993 | 52.7 | 52.0 | 53.3 | 52.7 | - | 36.3 | 35.8 | 36.2 | 35.6 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|--------------|--------------|---------------|--------------|---------------------------------|--------------|--------------|---------------|--------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993* | May 1993* | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993* | May 1993* |
| Nondurable goods | | 7,804 | 7,746 | 7,704 | 7,700 | 7,731 | 5,448 | 5,401 | 5,371 | 5,366 | 5,392 |
| Food and kindred products | 20 | 1,654.8 | 1,606.4 | 1,601.6 | 1,596.9 | 1,612.6 | 1,205.7 | 1,160.0 | 1,159.5 | 1,154.0 | 1,165.6 |
| Meat products | 201 | 433.6 | 426.9 | 439.8 | 437.3 | - | 368.3 | 362.2 | 373.5 | 370.6 | - |
| Meat packing plants | 2011 | 135.4 | 134.2 | 135.3 | 132.7 | - | 113.9 | 113.2 | 113.3 | 110.8 | - |
| Sausages and other prepared meats | 2013 | 88.9 | 87.6 | 89.4 | 89.5 | - | 67.1 | 65.8 | 67.6 | 67.6 | - |
| Poultry slaughtering and processing | 2015 | 209.3 | 205.1 | 215.1 | 215.1 | - | 187.3 | 183.2 | 192.6 | 192.2 | - |
| Dairy products | 202 | 152.3 | 151.2 | 148.8 | 150.3 | - | 94.9 | 93.8 | 93.8 | 94.7 | - |
| Cheese, natural and processed | 2022 | 40.1 | 39.4 | 38.5 | 38.8 | - | 31.5 | 30.6 | 30.8 | 31.0 | - |
| Fluid milk | 2026 | 70.4 | 70.4 | 68.4 | 68.8 | - | 36.1 | 35.9 | 35.6 | 35.9 | - |
| Preserved fruits and vegetables | 203 | 246.4 | 220.0 | 212.5 | 212.4 | - | 207.1 | 181.3 | 173.1 | 173.0 | - |
| Canned specialties | 2032 | 22.4 | 21.3 | 21.6 | 20.3 | - | 18.5 | 17.4 | 17.9 | 16.5 | - |
| Canned fruits and vegetables | 2033 | 85.1 | 68.0 | 62.3 | 62.4 | - | 71.9 | 55.4 | 49.1 | 49.6 | - |
| Frozen fruits and vegetables | 2037 | 49.4 | 45.9 | 42.6 | 44.0 | - | 43.4 | 40.1 | 36.7 | 37.8 | - |
| Grain mill products | 204 | 124.3 | 123.8 | 121.7 | 121.5 | - | 87.9 | 87.7 | 86.7 | 86.5 | - |
| Flour and other grain mill products | 2041 | 19.5 | 19.5 | 19.3 | 19.3 | - | 12.9 | 12.7 | 12.9 | 12.8 | - |
| Prepared feeds, nec | 2048 | 42.1 | 41.8 | 41.7 | 41.5 | - | 26.8 | 26.7 | 27.0 | 26.9 | - |
| Bakery products | 205 | 207.3 | 205.2 | 203.6 | 204.0 | - | 133.1 | 130.9 | 130.0 | 130.7 | - |
| Bread, cake, and related products | 2051 | 148.3 | 146.7 | 146.2 | 145.8 | - | 87.7 | 86.0 | 86.2 | 86.4 | - |
| Cookies, crackers, and frozen bakery products, except bread | 2052,3 | 58.9 | 58.5 | 57.4 | 58.2 | - | 45.4 | 44.9 | 43.8 | 44.3 | - |
| Sugar and confectionery products | 206 | 104.1 | 96.8 | 96.9 | 93.0 | - | 81.2 | 74.4 | 74.7 | 71.3 | - |
| Raw cane sugar | 2061 | 7.7 | 6.8 | 8.1 | 8.4 | - | 6.0 | 5.1 | 6.3 | 5.4 | - |
| Cane sugar refining | 2062 | 5.0 | 5.1 | 4.9 | 4.9 | - | 3.6 | 3.7 | 3.5 | 3.5 | - |
| Beet sugar | 2063 | 9.0 | 7.7 | 7.3 | 8.2 | - | 7.8 | 6.4 | 6.2 | 7.1 | - |
| Candy and other confectionery products | 2064 | 52.2 | 48.8 | 47.9 | 45.0 | - | 41.9 | 38.6 | 37.9 | 34.7 | - |
| Fats and oils | 207 | 31.7 | 30.9 | 31.3 | 31.2 | - | 21.4 | 21.3 | 21.3 | 21.2 | - |
| Beverages | 208 | 175.1 | 173.2 | 173.1 | 174.4 | - | 76.7 | 75.3 | 76.7 | 78.0 | - |
| Malt beverages | 2082 | 39.5 | 39.5 | 38.5 | 38.6 | - | 23.6 | 23.7 | 23.3 | 23.4 | - |
| Bottled and canned soft drinks | 2086 | 92.8 | 91.4 | 92.7 | 94.2 | - | 32.8 | 32.1 | 33.5 | 35.1 | - |
| Misc. food and kindred products | 209 | 180.0 | 178.4 | 173.9 | 172.8 | - | 135.1 | 133.1 | 129.7 | 128.0 | - |
| Tobacco products | 21 | 48.8 | 45.9 | 46.0 | 44.8 | 43.7 | 36.7 | 33.7 | 34.2 | 33.0 | 32.4 |
| Cigarettes | 211 | 34.8 | 34.6 | 33.2 | 33.1 | - | 26.2 | 26.0 | 25.0 | 25.0 | - |
| Textile mill products | 22 | 671.4 | 671.0 | 663.5 | 667.1 | 669.2 | 574.8 | 575.7 | 564.8 | 568.9 | 570.9 |
| Broadwoven fabric mills, cotton | 221 | 86.2 | 85.9 | 84.7 | 85.9 | - | 76.6 | 76.6 | 75.1 | 76.3 | - |
| Broadwoven fabric mills, synthetics | 222 | 69.1 | 68.9 | 68.6 | 68.9 | - | 59.7 | 60.1 | 58.2 | 58.5 | - |
| Broadwoven fabric mills, wool | 223 | 17.5 | 17.6 | 17.6 | 17.7 | - | 14.6 | 14.7 | 14.7 | 14.8 | - |
| Narrow fabric mills | 224 | 21.3 | 21.1 | 21.6 | 21.6 | - | 17.9 | 17.7 | 18.2 | 18.3 | - |
| Knitting mills | 225 | 201.6 | 201.4 | 196.6 | 196.6 | - | 175.8 | 176.1 | 170.2 | 170.4 | - |
| Women's hosiery, except socks | 2251 | 29.5 | 29.6 | 28.6 | 27.8 | - | 26.4 | 26.6 | 25.3 | 24.6 | - |
| Hosiery, nec | 2252 | 39.7 | 39.9 | 38.9 | 39.0 | - | 35.8 | 36.0 | 34.9 | 35.0 | - |
| Knit outerwear mills | 2253 | 57.0 | 55.6 | 55.0 | 55.5 | - | 50.0 | 49.1 | 47.7 | 48.2 | - |
| Knit underwear mills | 2254 | 27.0 | 27.1 | 26.5 | 26.4 | - | 23.3 | 23.3 | 22.8 | 22.7 | - |
| Weft knit fabric mills | 2257 | 27.3 | 27.8 | 26.9 | 26.7 | - | 23.2 | 23.7 | 22.7 | 22.6 | - |
| Textile finishing, except wool | 226 | 67.9 | 68.5 | 67.7 | 68.9 | - | 56.0 | 56.3 | 55.3 | 56.6 | - |
| Finishing plants, cotton | 2261 | 30.6 | 30.9 | 30.2 | 30.9 | - | 25.3 | 25.4 | 24.9 | 25.7 | - |
| Finishing plants, synthetics | 2262 | 23.4 | 23.5 | 23.7 | 23.9 | - | 18.9 | 19.0 | 18.9 | 19.1 | - |
| Carpets and rugs | 227 | 58.7 | 57.8 | 60.1 | 59.6 | - | 47.5 | 46.6 | 48.6 | 48.1 | - |
| Yarn and thread mills | 228 | 98.1 | 98.7 | 96.4 | 97.5 | - | 87.7 | 88.4 | 86.3 | 87.3 | - |
| Yarn spinning mills | 2281 | 78.1 | 78.4 | 77.1 | 77.7 | - | 70.2 | 70.5 | 69.5 | 70.1 | - |
| Throwing and winding mills | 2282 | 13.6 | 13.6 | 12.9 | 13.3 | - | 11.8 | 11.9 | 11.2 | 11.6 | - |
| Miscellaneous textile goods | 229 | 51.0 | 51.1 | 50.2 | 50.4 | - | 38.9 | 39.2 | 38.2 | 38.6 | - |
| Apparel and other textile products | 23 | 1,005.0 | 1,009.1 | 988.5 | 986.5 | 988.8 | 842.0 | 846.7 | 830.3 | 827.4 | 830.1 |
| Men's and boys' suits and coats | 231 | 44.8 | 44.8 | 43.2 | 43.5 | - | 37.4 | 37.6 | 36.0 | 36.2 | - |
| Men's and boys' furnishings | 232 | 277.8 | 277.7 | 275.2 | 273.7 | - | 238.9 | 238.5 | 237.0 | 235.9 | - |
| Men's and boys' shirts | 2321 | 67.2 | 67.1 | 66.0 | 65.4 | - | 57.6 | 57.6 | 56.4 | 56.4 | - |
| Men's and boys' trousers and slacks | 2325 | 84.2 | 84.3 | 83.6 | 83.4 | - | 73.4 | 73.5 | 73.0 | 72.5 | - |
| Men's and boys' work clothing | 2326 | 40.9 | 40.9 | 40.5 | 40.7 | - | 35.6 | 35.4 | 35.3 | 35.6 | - |
| Women's and misses' outerwear | 233 | 315.6 | 320.5 | 307.8 | 305.6 | - | 264.5 | 268.9 | 258.5 | 256.0 | - |
| Women's and misses' blouses and shirts | 2331 | 36.2 | 37.2 | 35.2 | 35.1 | - | 29.7 | 30.7 | 28.7 | 28.5 | - |
| Women's, juniors', and misses' dresses | 2335 | 56.2 | 58.2 | 52.5 | 50.3 | - | 45.6 | 47.6 | 42.2 | 40.4 | - |
| Women's and misses' suits and coats | 2337 | 32.4 | 32.2 | 28.7 | 29.8 | - | 27.1 | 27.1 | 23.7 | 24.7 | - |
| Women's and misses' outerwear, nec | 2339 | 190.8 | 192.9 | 191.4 | 190.4 | - | 162.0 | 163.5 | 163.9 | 162.4 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|---|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Nondurable goods—Continued | | | | | | | | | | | |
| Apparel and other textile products—Continued | | | | | | | | | | | |
| Women's and children's undergarments | 234 | 58.5 | 58.2 | 55.9 | 55.6 | - | 48.0 | 47.8 | 46.3 | 46.0 | - |
| Women's and children's underwear | 2341 | 46.7 | 46.7 | 43.9 | 43.5 | - | 39.7 | 39.8 | 37.6 | 37.2 | - |
| Brassieres, girdles, and allied garments | 2342 | 11.7 | 11.5 | 12.0 | 12.1 | - | 8.3 | 8.0 | 8.7 | 8.8 | - |
| Girls' and children's outerwear | 236 | 49.3 | 48.9 | 46.0 | 44.6 | - | 41.9 | 41.5 | 39.0 | 37.7 | - |
| Girls' and children's dresses and blouses | 2361 | 19.8 | 19.3 | 18.5 | 18.3 | - | 17.2 | 16.8 | 15.9 | 15.6 | - |
| Misc. apparel and accessories | 238 | 41.1 | 41.4 | 41.2 | 40.9 | - | 33.5 | 33.9 | 33.7 | 33.1 | - |
| Misc. fabricated textile products | 239 | 198.3 | 198.4 | 198.1 | 201.4 | - | 161.5 | 162.4 | 162.2 | 164.9 | - |
| Curtains and draperies | 2391 | 20.6 | 20.7 | 19.3 | 19.4 | - | 17.0 | 17.3 | 15.5 | 15.6 | - |
| House furnishings, nec | 2392 | 51.6 | 51.3 | 51.1 | 51.4 | - | 43.4 | 43.2 | 43.4 | 43.6 | - |
| Automotive and apparel trimmings | 2396 | 51.0 | 51.0 | 52.2 | 53.2 | - | 41.4 | 41.6 | 42.6 | 43.5 | - |
| Paper and allied products | 26 | 687.3 | 683.5 | 679.5 | 678.0 | 677.5 | 517.7 | 514.2 | 511.9 | 509.8 | 510.8 |
| Paper mills | 262 | 173.2 | 172.2 | 168.7 | 168.6 | - | 131.6 | 130.7 | 128.2 | 128.2 | - |
| Paperboard mills | 263 | 51.7 | 51.2 | 51.5 | 51.4 | - | 39.8 | 39.5 | 39.5 | 39.4 | - |
| Paperboard containers and boxes | 265 | 210.8 | 209.0 | 209.5 | 209.2 | - | 164.8 | 162.8 | 163.7 | 163.1 | - |
| Corrugated and solid fiber boxes | 2653 | 121.4 | 121.0 | 122.1 | 121.6 | - | 91.2 | 90.5 | 92.1 | 91.7 | - |
| Sanitary food containers | 2656 | 16.1 | 16.2 | 16.1 | 16.1 | - | 14.1 | 14.2 | 14.3 | 14.2 | - |
| Folding paperboard boxes | 2657 | 49.5 | 48.9 | 48.8 | 48.7 | - | 40.2 | 39.8 | 39.4 | 39.2 | - |
| Misc. converted paper products | 267 | 237.7 | 237.4 | 236.2 | 235.5 | - | 170.8 | 170.5 | 170.0 | 169.0 | - |
| Paper, coated and laminated, nec | 2672 | 44.6 | 44.4 | 44.5 | 44.3 | - | 21.5 | 21.3 | 21.2 | 21.1 | - |
| Bags: plastics, laminated, and coated | 2673 | 36.0 | 35.9 | 35.7 | 35.3 | - | 26.9 | 26.7 | 26.9 | 26.2 | - |
| Envelopes | 2677 | 23.6 | 23.8 | 23.9 | 23.7 | - | 18.1 | 18.4 | 18.3 | 18.3 | - |
| Printing and publishing | 27 | 1,503.8 | 1,504.4 | 1,501.5 | 1,503.4 | 1,504.7 | 831.2 | 833.7 | 831.6 | 832.8 | 832.3 |
| Newspapers | 271 | 451.3 | 448.9 | 449.4 | 448.9 | - | 157.9 | 157.2 | 156.3 | 156.4 | - |
| Periodicals | 272 | 123.3 | 123.5 | 124.5 | 124.5 | - | 43.0 | 43.0 | 43.5 | 43.3 | - |
| Books | 273 | 117.7 | 120.6 | 119.1 | 120.6 | - | 65.6 | 69.1 | 67.1 | 67.5 | - |
| Book publishing | 2731 | 81.4 | 83.6 | 82.1 | 83.0 | - | 35.7 | 38.4 | 36.3 | 36.3 | - |
| Book printing | 2732 | 36.4 | 37.0 | 37.0 | 37.6 | - | 29.9 | 30.7 | 30.8 | 31.2 | - |
| Miscellaneous publishing | 274 | 79.8 | 79.7 | 81.0 | 81.6 | - | 39.2 | 39.7 | 38.9 | 38.9 | - |
| Commercial printing | 275 | 529.5 | 530.2 | 529.9 | 529.9 | - | 382.6 | 382.5 | 384.3 | 384.5 | - |
| Commercial printing, lithographic | 2752 | 348.5 | 348.8 | 348.9 | 347.6 | - | 250.6 | 250.5 | 252.3 | 251.4 | - |
| Commercial printing, nec | 2759 | 161.9 | 162.4 | 162.4 | 164.3 | - | 116.7 | 116.8 | 116.9 | 118.6 | - |
| Manifold business forms | 276 | 47.9 | 47.9 | 46.9 | 46.8 | - | 33.1 | 32.9 | 32.8 | 32.6 | - |
| Blankbooks and bookbinding | 278 | 68.8 | 68.8 | 66.3 | 66.5 | - | 52.3 | 52.6 | 50.4 | 50.4 | - |
| Printing trade services | 279 | 59.1 | 58.5 | 59.5 | 59.2 | - | 42.8 | 42.2 | 43.4 | 43.0 | - |
| Chemicals and allied products | 28 | 1,082.7 | 1,080.0 | 1,074.8 | 1,071.2 | 1,076.5 | 566.5 | 567.4 | 564.0 | 562.6 | 567.9 |
| Industrial inorganic chemicals | 281 | 136.5 | 136.4 | 136.7 | 136.6 | - | 61.4 | 62.4 | 59.0 | 58.6 | - |
| Industrial inorganic chemicals, nec | 2819 | 88.4 | 88.3 | 88.7 | 88.8 | - | 41.1 | 41.5 | 39.8 | 39.5 | - |
| Plastics materials and synthetics | 282 | 173.3 | 173.3 | 168.9 | 167.3 | - | 104.1 | 103.9 | 103.3 | 103.2 | - |
| Plastics materials and resins | 2821 | 84.2 | 83.8 | 82.9 | 82.7 | - | 50.9 | 50.3 | 51.2 | 51.1 | - |
| Organic fibers, noncellulosic | 2824 | 61.6 | 62.2 | 58.8 | 57.5 | - | 35.6 | 36.5 | 33.7 | 33.6 | - |
| Drugs | 283 | 256.1 | 254.0 | 259.3 | 259.3 | - | 111.5 | 111.1 | 114.5 | 114.4 | - |
| Pharmaceutical preparations | 2834 | 210.7 | 208.9 | 213.5 | 213.3 | - | 94.1 | 93.6 | 96.0 | 95.7 | - |
| Soap, cleaners, and toilet goods | 284 | 153.5 | 151.7 | 152.6 | 151.6 | - | 93.4 | 92.4 | 92.9 | 92.3 | - |
| Soap and other detergents | 2841 | 41.9 | 41.5 | 41.8 | 41.4 | - | 26.3 | 26.2 | 25.7 | 25.3 | - |
| Polishing, sanitation, and finishing preparations | 2842,3 | 42.8 | 42.5 | 42.4 | 42.4 | - | 23.5 | 23.4 | 24.0 | 24.0 | - |
| Toilet preparations | 2844 | 68.8 | 67.7 | 68.4 | 67.8 | - | 43.6 | 42.8 | 43.2 | 43.0 | - |
| Paints and allied products | 285 | 58.4 | 57.9 | 57.8 | 57.9 | - | 30.4 | 29.9 | 30.2 | 30.1 | - |
| Industrial organic chemicals | 286 | 153.6 | 153.5 | 151.6 | 150.5 | - | 75.8 | 75.9 | 76.7 | 76.8 | - |
| Cyclic crudes and intermediates | 2865 | 25.6 | 25.7 | 25.3 | 25.3 | - | 14.8 | 14.9 | 14.6 | 14.6 | - |
| Industrial organic chemicals, nec | 2869 | 124.6 | 124.3 | 123.0 | 121.9 | - | 58.5 | 58.5 | 59.7 | 59.8 | - |
| Agricultural chemicals | 287 | 58.1 | 59.9 | 57.7 | 58.0 | - | 34.7 | 36.6 | 34.0 | 34.5 | - |
| Miscellaneous chemical products | 289 | 93.3 | 93.3 | 90.2 | 90.0 | - | 55.2 | 55.2 | 53.4 | 52.7 | - |
| Petroleum and coal products | 29 | 158.9 | 159.0 | 152.9 | 154.5 | 156.3 | 104.1 | 103.9 | 99.8 | 101.8 | 103.5 |
| Petroleum refining | 291 | 120.3 | 120.9 | 116.0 | 115.6 | - | 77.7 | 77.8 | 75.0 | 75.1 | - |
| Asphalt paving and roofing materials | 295 | 26.6 | 26.0 | 25.3 | 27.3 | - | 20.1 | 19.6 | 18.7 | 20.6 | - |
| Rubber and misc. plastics products | 30 | 871.9 | 867.1 | 880.3 | 882.2 | 885.6 | 672.6 | 668.3 | 681.4 | 682.4 | 685.1 |
| Tires and inner tubes | 301 | 81.9 | 80.3 | 83.7 | 83.6 | - | 61.3 | 59.9 | 62.7 | 62.3 | - |
| Rubber and plastics footwear | 302 | 10.9 | 11.6 | 10.8 | 11.2 | - | 9.0 | 9.4 | 9.3 | 9.6 | - |
| Hose, belting, gaskets, and packing | 305 | 59.0 | 58.4 | 59.3 | 59.9 | - | 43.4 | 42.9 | 44.0 | 44.5 | - |
| Rubber and plastics hose and belting | 3052 | 23.3 | 23.1 | 23.0 | 23.3 | - | 17.8 | 17.7 | 17.7 | 17.9 | - |
| Fabricated rubber products, nec | 306 | 101.3 | 100.8 | 100.9 | 100.9 | - | 75.9 | 75.2 | 76.1 | 76.4 | - |
| Miscellaneous plastics products, nec | 308 | 618.8 | 616.0 | 625.6 | 626.6 | - | 483.1 | 480.9 | 489.3 | 489.6 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Nondurable goods—Continued | | | | | | | | | | | |
| Leather and leather products | 31 | 119.4 | 119.1 | 115.6 | 115.3 | 116.1 | 96.6 | 97.0 | 93.0 | 92.8 | 93.3 |
| Leather tanning and finishing | 311 | 15.4 | 15.7 | 15.1 | 15.4 | - | 12.6 | 13.0 | 12.3 | 12.6 | - |
| Footwear, except rubber | 314 | 63.8 | 63.7 | 61.0 | 60.8 | - | 53.2 | 53.4 | 50.5 | 50.3 | - |
| Men's footwear, except athletic | 3143 | 29.1 | 29.1 | 28.5 | 28.1 | - | 23.2 | 23.4 | 22.4 | 22.1 | - |
| Women's footwear, except athletic | 3144 | 23.3 | 23.3 | 21.6 | 21.6 | - | 20.1 | 20.2 | 18.6 | 18.5 | - |
| Luggage | 316 | 10.4 | 10.4 | 10.2 | 10.0 | - | 7.4 | 7.3 | 7.5 | 7.4 | - |
| Handbags and personal leather goods | 317 | 12.2 | 12.1 | 11.5 | 11.5 | - | 9.0 | 9.1 | 8.3 | 8.2 | - |
| Transportation and public utilities | | 5,709 | 5,671 | 5,662 | 5,674 | 5,723 | 4,769 | 4,725 | 4,736 | 4,749 | 4,794 |
| Transportation | | 3,486 | 3,456 | 3,464 | 3,479 | 3,522 | - | - | - | - | - |
| Railroad transportation | 40 | 254.4 | 257.3 | 247.2 | 250.5 | - | - | - | - | - | - |
| Class I railroads ² | 4011 | 222.4 | 224.5 | 215.1 | 218.0 | - | - | - | - | - | - |
| Local and interurban passenger transit | 41 | 359.2 | 365.7 | 377.7 | 374.9 | - | 329.5 | 336.2 | 347.2 | 344.4 | - |
| Local and suburban transportation | 411 | 159.2 | 157.9 | 159.5 | 159.9 | - | 144.8 | 143.9 | 145.0 | 145.4 | - |
| Taxis | 412 | 29.8 | 30.1 | 29.3 | 29.1 | - | - | - | - | - | - |
| Intercity and rural bus transportation | 413 | 22.8 | 22.7 | 22.3 | 22.6 | - | 20.3 | 20.2 | 19.8 | 20.1 | - |
| School buses | 415 | 119.8 | 127.2 | 139.6 | 136.1 | - | - | - | - | - | - |
| Trucking and warehousing | 42 | 1,605.9 | 1,570.6 | 1,584.8 | 1,592.9 | 1,618.2 | 1,398.8 | 1,363.8 | 1,378.1 | 1,385.4 | - |
| Trucking and courier services, except air | 421 | 1,480.5 | 1,448.5 | 1,463.0 | 1,471.6 | - | 1,293.6 | 1,261.9 | 1,276.5 | 1,284.6 | - |
| Public warehousing and storage | 422 | 122.1 | 118.7 | 118.7 | 118.3 | - | 102.2 | 98.9 | 98.8 | 98.1 | - |
| Water transportation | 44 | 173.3 | 173.5 | 162.2 | 166.4 | - | - | - | - | - | - |
| Water transportation of freight, nec | 444 | 14.2 | 14.3 | 13.3 | 13.4 | - | - | - | - | - | - |
| Water transportation services | 449 | 108.0 | 108.2 | 101.0 | 104.5 | - | 95.9 | 96.4 | 89.4 | 92.6 | - |
| Transportation by air | 45 | 729.0 | 724.3 | 726.7 | 729.0 | 734.6 | - | - | - | - | - |
| Air transportation, scheduled | 451 | 601.7 | 598.6 | 600.2 | 601.7 | - | - | - | - | - | - |
| Air transportation, scheduled | 4512 | 501.8 | 501.8 | 493.2 | 493.0 | - | - | - | - | - | - |
| Airports, flying fields, and services | 458 | 97.9 | 96.9 | 97.9 | 98.4 | - | - | - | - | - | - |
| Pipelines, except natural gas | 46 | 19.0 | 19.0 | 17.8 | 17.8 | - | 14.4 | 14.2 | 13.6 | 13.6 | - |
| Transportation services | 47 | 345.5 | 345.1 | 347.2 | 347.7 | - | 272.3 | 271.8 | 272.7 | 274.2 | - |
| Passenger transportation arrangement | 472 | 182.9 | 183.0 | 185.0 | 185.0 | - | 143.1 | 142.8 | 145.1 | 146.0 | - |
| Travel agencies | 4724 | 146.4 | 147.0 | 148.1 | 147.9 | - | 114.1 | 114.6 | 115.0 | 115.5 | - |
| Freight transportation arrangement | 473 | 132.2 | 132.7 | 132.2 | 132.1 | - | 104.1 | 104.8 | 102.8 | 102.6 | - |
| Communications and public utilities | | 2,222 | 2,215 | 2,198 | 2,195 | 2,201 | - | - | - | - | - |
| Communications | 48 | 1,267.5 | 1,262.1 | 1,254.6 | 1,252.7 | - | 979.1 | 972.5 | 975.0 | 974.0 | - |
| Telephone communications | 481 | 886.5 | 881.2 | 875.8 | 872.7 | - | 664.7 | 658.6 | 661.3 | 659.9 | - |
| Telephone communications, except radio | 4813 | 834.2 | 830.2 | 819.0 | 815.6 | - | 626.4 | 621.2 | 619.3 | 617.8 | - |
| Radio and television broadcasting | 483 | 226.2 | 226.3 | 224.1 | 225.5 | - | 188.3 | 188.1 | 187.4 | 188.1 | - |
| Radio broadcasting stations | 4832 | 112.3 | 112.4 | 110.2 | 111.3 | - | - | - | - | - | - |
| Television broadcasting stations | 4833 | 113.9 | 113.9 | 113.9 | 114.2 | - | - | - | - | - | - |
| Cable and other pay television services | 484 | 128.9 | 128.9 | 129.2 | 129.4 | - | 109.4 | 109.4 | 109.9 | 110.0 | - |
| Electric, gas, and sanitary services | 49 | 954.7 | 952.5 | 942.9 | 942.4 | - | 753.0 | 748.8 | 739.6 | 738.9 | - |
| Electric services | 491 | 441.7 | 442.0 | 433.0 | 432.8 | - | 342.8 | 341.8 | 336.0 | 336.2 | - |
| Gas production and distribution | 492 | 163.6 | 163.7 | 161.0 | 160.7 | - | 128.9 | 129.1 | 125.3 | 124.9 | - |
| Combination utility services | 493 | 192.2 | 191.4 | 189.6 | 189.5 | - | 148.2 | 146.4 | 143.7 | 143.0 | - |
| Sanitary services | 495 | 127.3 | 125.5 | 129.6 | 129.4 | - | 109.6 | 108.0 | 111.3 | 111.3 | - |
| Wholesale trade | | 6,045 | 6,014 | 6,055 | 6,083 | 6,118 | 4,856 | 4,823 | 4,874 | 4,899 | 4,932 |
| Durable goods | 50 | 3,469 | 3,463 | 3,465 | 3,477 | 3,486 | 2,754 | 2,744 | 2,760 | 2,770 | - |
| Motor vehicles, parts, and supplies | 501 | 448.5 | 445.7 | 449.8 | 452.2 | - | 360.0 | 357.6 | 361.1 | 363.5 | - |
| Automobiles and other motor vehicles | 5012 | 112.7 | 112.8 | 112.9 | 113.2 | - | - | - | - | - | - |
| Motor vehicle supplies and new parts | 5013 | 266.8 | 264.9 | 267.4 | 268.9 | - | - | - | - | - | - |
| Furniture and home furnishings | 502 | 138.4 | 136.6 | 137.9 | 137.8 | - | 109.4 | 107.8 | 109.4 | 109.1 | - |
| Furniture | 5021 | 63.4 | 63.1 | 63.4 | 63.3 | - | - | - | - | - | - |
| Home furnishings | 5023 | 75.0 | 73.5 | 74.5 | 74.5 | - | - | - | - | - | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|---------------|---------------|---------------------------|--------------------------|---------------------------------|---------------|---------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Wholesale trade—Continued | | | | | | | | | | | |
| Durable goods—Continued | | | | | | | | | | | |
| Lumber and other construction materials | 503 | 217.1 | 212.7 | 221.5 | 225.6 | - | 174.5 | 170.2 | 179.0 | 182.3 | - |
| Lumber, plywood, and millwork | 5031 | 111.6 | 109.5 | 115.4 | 116.5 | - | - | - | - | - | - |
| Construction materials, nec | 5039 | 38.9 | 38.0 | 38.7 | 39.4 | - | - | - | - | - | - |
| Professional and commercial equipment | 504 | 757.7 | 766.2 | 743.6 | 743.6 | - | 612.1 | 618.9 | 600.7 | 601.7 | - |
| Office equipment | 5044 | 187.8 | 190.4 | 184.6 | 184.7 | - | - | - | - | - | - |
| Computers, peripherals and software | 5045 | 285.5 | 294.1 | 268.6 | 267.8 | - | - | - | - | - | - |
| Medical and hospital equipment | 5047 | 148.3 | 146.7 | 154.0 | 154.4 | - | 121.7 | 120.2 | 126.7 | 127.2 | - |
| Metals and minerals, except petroleum | 505 | 130.7 | 131.0 | 130.9 | 130.9 | - | 103.2 | 103.2 | 104.1 | 104.2 | - |
| Electrical goods | 506 | 463.0 | 456.7 | 478.9 | 480.7 | - | 355.3 | 348.7 | 371.9 | 372.5 | - |
| Electrical apparatus and equipment | 5063 | 195.1 | 192.2 | 203.3 | 204.7 | - | - | - | - | - | - |
| Electrical appliances, television and radio sets | 5064 | 52.0 | 51.4 | 53.0 | 52.7 | - | - | - | - | - | - |
| Electronic parts and equipment | 5065 | 215.9 | 213.1 | 222.6 | 223.3 | - | - | - | - | - | - |
| Hardware, plumbing, and heating equipment | 507 | 267.1 | 265.1 | 266.9 | 266.6 | - | 212.4 | 210.2 | 213.1 | 213.0 | - |
| Hardware | 5072 | 91.8 | 91.2 | 91.9 | 91.8 | - | - | - | - | - | - |
| Plumbing and hydronic heating supplies | 5074 | 110.0 | 109.6 | 109.7 | 109.4 | - | - | - | - | - | - |
| Machinery, equipment, and supplies | 508 | 752.1 | 755.9 | 741.6 | 742.9 | - | 592.2 | 594.9 | 584.4 | 585.2 | - |
| Construction and mining machinery | 5082 | 72.7 | 72.8 | 71.4 | 71.5 | - | - | - | - | - | - |
| Farm and garden machinery | 5083 | 111.8 | 113.1 | 109.6 | 111.4 | - | - | - | - | - | - |
| Industrial machinery and equipment | 5084 | 307.8 | 308.9 | 304.8 | 304.6 | - | - | - | - | - | - |
| Industrial supplies | 5085 | 141.5 | 141.8 | 139.0 | 139.1 | - | - | - | - | - | - |
| Misc. wholesale trade durable goods | 509 | 294.3 | 293.1 | 294.3 | 297.1 | - | 234.8 | 232.7 | 236.2 | 238.1 | - |
| Scrap and waste materials | 5093 | 107.3 | 106.8 | 105.2 | 105.9 | - | - | - | - | - | - |
| Nondurable goods | 51 | 2,576 | 2,551 | 2,590 | 2,606 | 2,632 | 2,102 | 2,079 | 2,114 | 2,129 | - |
| Paper and paper products | 511 | 237.3 | 235.2 | 243.1 | 243.0 | - | 191.6 | 189.7 | 197.2 | 197.0 | - |
| Stationery and office supplies | 5112 | 128.1 | 127.4 | 132.6 | 132.2 | - | - | - | - | - | - |
| Drugs, proprietaries, and sundries | 512 | 196.5 | 194.2 | 204.0 | 204.9 | - | 163.7 | 161.9 | 170.0 | 170.3 | - |
| Apparel, piece goods, and notions | 513 | 207.6 | 204.4 | 209.1 | 208.9 | - | 163.4 | 159.5 | 166.1 | 165.5 | - |
| Groceries and related products | 514 | 855.3 | 838.7 | 856.2 | 859.8 | - | 717.3 | 702.2 | 717.2 | 721.7 | - |
| Groceries, general line | 5141 | 270.9 | 268.1 | 272.7 | 271.7 | - | - | - | - | - | - |
| Meats and meat products | 5147 | 60.2 | 59.6 | 61.3 | 61.1 | - | - | - | - | - | - |
| Fresh fruits and vegetables | 5148 | 99.9 | 94.7 | 94.3 | 97.3 | - | - | - | - | - | - |
| Farm-product raw materials | 515 | 117.1 | 115.9 | 113.6 | 115.0 | - | 95.7 | 95.1 | 91.9 | 93.5 | - |
| Chemicals and allied products | 516 | 139.5 | 139.0 | 139.8 | 139.3 | - | 104.5 | 103.8 | 105.9 | 105.2 | - |
| Petroleum and petroleum products | 517 | 176.8 | 176.9 | 175.9 | 176.8 | - | 141.6 | 141.5 | 141.5 | 142.5 | - |
| Petroleum bulk stations and terminals | 5171 | 73.5 | 73.4 | 73.0 | 73.5 | - | - | - | - | - | - |
| Petroleum products, nec | 5172 | 103.2 | 103.5 | 102.9 | 103.3 | - | - | - | - | - | - |
| Beer, wine, and distilled beverages | 518 | 147.7 | 145.6 | 145.4 | 146.3 | - | 120.0 | 118.1 | 118.5 | 119.1 | - |
| Beer and ale | 5181 | 95.5 | 93.7 | 94.3 | 95.1 | - | - | - | - | - | - |
| Wine and distilled beverages | 5182 | 52.2 | 51.9 | 51.1 | 51.2 | - | - | - | - | - | - |
| Misc. wholesale trade nondurable goods | 519 | 498.4 | 501.1 | 503.0 | 512.1 | - | 404.0 | 406.8 | 405.8 | 413.7 | - |
| Farm supplies | 5191 | 156.5 | 162.7 | 159.5 | 166.9 | - | - | - | - | - | - |
| Retail trade | 52 | 19,346 | 19,095 | 19,173 | 19,409 | 19,686 | 17,036 | 16,790 | 16,859 | 17,075 | 17,330 |
| Building materials and garden supplies | 52 | 761.7 | 760.0 | 752.1 | 785.9 | - | 627.8 | 627.9 | 617.6 | 650.2 | - |
| Lumber and other building materials | 521 | 429.5 | 420.8 | 425.7 | 436.8 | - | 360.9 | 353.2 | 356.6 | 367.2 | - |
| Paint, glass, and wallpaper stores | 523 | 68.2 | 67.0 | 66.0 | 66.2 | - | 52.6 | 51.8 | 50.7 | 50.9 | - |
| Hardware stores | 525 | 155.3 | 154.1 | 155.3 | 157.3 | - | 127.0 | 126.2 | 126.2 | 128.3 | - |
| Retail nurseries and garden stores | 526 | 83.8 | 94.1 | 79.5 | 99.3 | - | 67.8 | 78.0 | 63.8 | 82.9 | - |
| General merchandise stores | 53 | 2,422.2 | 2,343.6 | 2,298.6 | 2,287.8 | 2,288.8 | 2,264.8 | 2,187.1 | 2,147.3 | 2,133.4 | - |
| Department stores | 531 | 2,046.2 | 1,980.3 | 1,939.6 | 1,930.2 | - | 1,929.5 | 1,863.9 | 1,828.0 | 1,815.5 | - |
| Variety stores | 533 | 162.1 | 157.5 | 155.5 | 157.7 | - | 146.3 | 141.8 | 140.0 | 142.2 | - |
| Miscellaneous general merchandise stores | 539 | 213.9 | 205.8 | 203.5 | 199.9 | - | 189.0 | 181.4 | 179.3 | 175.7 | - |
| Food stores | 54 | 3,179.5 | 3,155.4 | 3,156.1 | 3,166.0 | 3,184.1 | 2,895.7 | 2,871.0 | 2,877.6 | 2,885.0 | - |
| Grocery stores | 541 | 2,842.0 | 2,820.1 | 2,818.0 | 2,818.3 | - | 2,603.2 | 2,579.8 | 2,584.7 | 2,584.3 | - |
| Meat and fish markets | 542 | 49.0 | 48.6 | 51.4 | 52.9 | - | - | - | - | - | - |
| Dairy products stores | 545 | 18.4 | 17.8 | 15.2 | 16.3 | - | - | - | - | - | - |
| Retail bakeries | 546 | 164.5 | 165.6 | 165.2 | 165.4 | - | 147.0 | 148.3 | 147.6 | 147.9 | - |
| Automotive dealers and service stations | 55 | 1,973.9 | 1,955.1 | 1,991.7 | 2,005.2 | 2,027.5 | 1,640.0 | 1,623.4 | 1,651.9 | 1,664.1 | - |
| New and used car dealers | 551 | 876.0 | 866.4 | 892.0 | 895.3 | - | 727.0 | 718.3 | 741.6 | 744.4 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Retail trade—Continued | | | | | | | | | | | |
| Automotive dealers and service stations—Continued | | | | | | | | | | | |
| Auto and home supply stores | 553 | 336.4 | 333.2 | 341.9 | 347.8 | - | 266.0 | 263.4 | 269.1 | 274.1 | - |
| Gasoline service stations | 554 | 615.3 | 609.9 | 605.3 | 604.3 | - | 531.1 | 526.0 | 520.6 | 519.9 | - |
| Automotive dealers, nec | 559 | 7.5 | 7.6 | 7.0 | 6.9 | - | 6.3 | 6.3 | 5.8 | 5.8 | - |
| Apparel and accessory stores | 56 | 1,131.0 | 1,111.9 | 1,108.6 | 1,116.7 | 1,120.9 | 934.8 | 913.8 | 910.7 | 916.9 | - |
| Men's and boys' clothing stores | 561 | 89.8 | 88.9 | 87.6 | 87.5 | - | 73.1 | 72.4 | 70.4 | 70.1 | - |
| Women's clothing stores | 562 | 374.3 | 369.7 | 369.0 | 370.4 | - | 308.4 | 303.3 | 300.7 | 302.6 | - |
| Family clothing stores | 565 | 298.2 | 285.9 | 294.3 | 295.0 | - | 256.8 | 244.9 | 252.8 | 253.0 | - |
| Shoe stores | 566 | 204.5 | 204.6 | 199.2 | 204.1 | - | 160.5 | 158.9 | 156.5 | 159.9 | - |
| Furniture and home furnishings stores | 57 | 806.2 | 794.4 | 828.2 | 830.6 | - | 653.7 | 642.3 | 671.4 | 672.7 | - |
| Furniture and home furnishings stores | 571 | 438.8 | 432.5 | 452.9 | 455.1 | - | 355.4 | 349.9 | 367.5 | 369.0 | - |
| Furniture stores | 5712 | 264.4 | 261.7 | 275.7 | 276.8 | - | - | - | - | - | - |
| Household appliance stores | 572 | 75.2 | 75.1 | 73.7 | 73.0 | - | 61.0 | 60.6 | 59.9 | 59.2 | - |
| Radio, television, and computer stores | 573 | 292.2 | 286.8 | 301.6 | 302.5 | - | 237.3 | 231.8 | 244.0 | 244.5 | - |
| Radio, television, and electronic stores | 5731 | 121.0 | 118.7 | 124.2 | 124.4 | - | 99.3 | 97.1 | 101.1 | 101.2 | - |
| Record and prerecorded tape stores | 5735 | 65.6 | 62.9 | 66.7 | 66.7 | - | 53.6 | 51.0 | 53.9 | 53.9 | - |
| Eating and drinking places | 58 | 6,601.7 | 6,552.2 | 6,607.9 | 6,768.8 | 6,951.5 | 5,967.9 | 5,920.7 | 5,967.2 | 6,121.8 | - |
| Miscellaneous retail establishments | 59 | 2,470.2 | 2,422.6 | 2,429.6 | 2,447.6 | - | 2,051.0 | 2,003.7 | 2,015.0 | 2,030.5 | - |
| Drug stores and proprietary stores | 591 | 606.6 | 603.7 | 602.3 | 601.8 | - | 504.9 | 501.5 | 504.5 | 503.6 | - |
| Liquor stores | 592 | 115.1 | 112.8 | 111.4 | 112.1 | - | - | - | - | - | - |
| Used merchandise stores | 593 | 79.6 | 78.2 | 81.2 | 82.1 | - | 66.3 | 65.0 | 67.7 | 68.5 | - |
| Miscellaneous shopping goods stores | 594 | 851.5 | 822.9 | 811.1 | 817.5 | - | 705.1 | 675.6 | 666.5 | 673.7 | - |
| Sporting goods and bicycle shops | 5941 | 156.2 | 150.9 | 151.7 | 154.2 | - | - | - | - | - | - |
| Book stores | 5942 | 95.9 | 94.8 | 91.0 | 90.7 | - | - | - | - | - | - |
| Stationery stores | 5943 | 72.5 | 72.8 | 72.0 | 71.9 | - | - | - | - | - | - |
| Jewelry stores | 5944 | 136.1 | 131.7 | 133.9 | 133.7 | - | - | - | - | - | - |
| Gift, novelty, and souvenir shops | 5947 | 184.2 | 176.3 | 166.3 | 170.9 | - | - | - | - | - | - |
| Sewing, needlework, and piece goods | 5949 | 65.8 | 65.8 | 63.3 | 62.9 | - | - | - | - | - | - |
| Nonstore retailers | 596 | 294.4 | 282.5 | 290.8 | 290.1 | - | 252.5 | 241.5 | 248.7 | 246.6 | - |
| Catalog and mail-order houses | 5961 | 169.0 | 157.3 | 161.8 | 164.7 | - | - | - | - | - | - |
| Merchandising machine operators | 5962 | 75.3 | 75.2 | 77.9 | 77.6 | - | - | - | - | - | - |
| Fuel dealers | 598 | 100.2 | 99.8 | 100.8 | 98.2 | - | 82.7 | 82.5 | 84.1 | 81.7 | - |
| Retail stores, nec | 599 | 422.8 | 422.7 | 432.0 | 445.8 | - | 346.8 | 346.8 | 354.2 | 366.0 | - |
| Florists, tobacco stores, and newsstands | 5992,3,4 | 142.8 | 147.0 | 146.6 | 154.4 | - | - | - | - | - | - |
| Finance, insurance, and real estate³ | | 6,571 | 6,552 | 6,533 | 6,557 | 6,582 | 4,750 | 4,729 | 4,731 | 4,748 | 4,777 |
| Finance | | 3,157 | 3,145 | 3,179 | 3,184 | 3,190 | - | - | - | - | - |
| Depository institutions | 60 | 2,103.3 | 2,097.1 | 2,103.0 | 2,103.3 | 2,105.1 | 1,521.2 | 1,515.2 | 1,521.2 | 1,520.9 | - |
| Commercial banks | 602 | 1,488.2 | 1,486.3 | 1,483.0 | 1,482.4 | - | 1,060.2 | 1,058.1 | 1,056.3 | 1,055.7 | - |
| State commercial banks | 6022 | 603.7 | 600.8 | 606.1 | 608.2 | - | 433.3 | 430.5 | 432.8 | 434.4 | - |
| National and commercial banks, nec | 6021,9 | 884.5 | 885.5 | 876.9 | 874.2 | - | 626.9 | 627.6 | 623.5 | 621.3 | - |
| Savings institutions | 603 | 355.3 | 352.2 | 356.7 | 357.0 | - | - | - | - | - | - |
| Federal savings institutions | 6035 | 193.4 | 192.4 | 191.3 | 191.3 | - | - | - | - | - | - |
| Savings institutions, except federal | 6036 | 161.9 | 159.8 | 165.4 | 165.7 | - | - | - | - | - | - |
| Credit unions | 606 | 138.5 | 136.9 | 142.7 | 143.4 | - | 109.7 | 108.4 | 112.9 | 113.5 | - |
| Nondepository institutions | 61 | 395.0 | 395.4 | 401.3 | 402.4 | - | 294.9 | 294.4 | 302.0 | 303.2 | - |
| Personal credit institutions | 614 | 126.0 | 126.3 | 124.6 | 122.8 | - | 93.6 | 93.7 | 93.2 | 91.8 | - |
| Business credit institutions | 615 | 80.6 | 81.4 | 80.0 | 80.1 | - | - | - | - | - | - |
| Mortgage bankers and brokers | 616 | 172.0 | 171.5 | 179.9 | 182.7 | - | - | - | - | - | - |
| Security and commodity brokers | 62 | 438.9 | 433.4 | 451.1 | 454.2 | - | - | - | - | - | - |
| Security brokers and dealers | 621 | 333.8 | 328.6 | 345.4 | 348.4 | - | - | - | - | - | - |
| Commodity contracts brokers, dealers, and exchanges | 622,3 | 23.1 | 23.2 | 22.7 | 22.6 | - | - | - | - | - | - |
| Security and commodity services | 628 | 82.0 | 81.6 | 83.0 | 83.2 | - | 53.2 | 53.2 | 53.4 | 53.6 | - |
| Holding and other investment offices | 67 | 220.1 | 218.7 | 223.5 | 223.9 | - | - | - | - | - | - |
| Holding offices | 671 | 100.4 | 100.2 | 99.3 | 98.9 | - | - | - | - | - | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|--|---------------------|---------------|---------------|---------------|---------------------------|--------------------------|---------------------------------|---------------|---------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Finance, insurance, and real estate—Continued | | | | | | | | | | | |
| Insurance | 63,64 | 2,132 | 2,140 | 2,109 | 2,108 | 2,108 | - | - | - | - | - |
| Insurance carriers | 63 | 1,480.0 | 1,485.8 | 1,461.1 | 1,461.7 | - | 1,002.2 | 1,002.7 | 1,002.6 | 999.4 | - |
| Life insurance | 631 | 537.4 | 542.1 | 523.6 | 521.6 | - | 325.6 | 325.8 | 324.4 | 323.2 | - |
| Medical service and health insurance | 632 | 268.3 | 267.8 | 269.5 | 270.2 | - | 218.4 | 218.0 | 220.5 | 221.0 | - |
| Hospital and medical service plans | 6324 | 207.2 | 206.1 | 208.9 | 209.6 | - | 172.5 | 171.4 | 175.0 | 175.7 | - |
| Fire, marine, and casualty insurance | 633 | 552.9 | 554.0 | 545.7 | 545.5 | - | 359.7 | 360.5 | 358.0 | 353.5 | - |
| Title insurance | 636 | 63.9 | 64.4 | 64.4 | 66.5 | - | - | - | - | - | - |
| Insurance agents, brokers, and service | 64 | 652.2 | 654.3 | 647.6 | 646.0 | - | - | - | - | - | - |
| Real estate | 65 | 1,282 | 1,267 | 1,245 | 1,265 | 1,284 | - | - | - | - | - |
| Real estate operators and lessors | 651 | 557.3 | 549.4 | 541.1 | 554.1 | - | - | - | - | - | - |
| Real estate agents and managers | 653 | 578.9 | 572.6 | 567.5 | 569.1 | - | - | - | - | - | - |
| Subdividers and developers | 655 | 114.5 | 114.1 | 104.5 | 109.8 | - | - | - | - | - | - |
| Services | | 29,053 | 28,850 | 29,612 | 29,963 | 30,149 | 25,352 | 25,177 | 25,849 | 26,159 | 26,324 |
| Agricultural services | 07 | 488.5 | 493.6 | 443.4 | 510.0 | 551.5 | 406.7 | 411.1 | 362.9 | 424.7 | - |
| Veterinary services | 074 | 138.1 | 136.0 | 137.9 | 139.2 | - | 115.8 | 114.1 | 114.6 | 115.8 | - |
| Landscape and horticultural services | 078 | 308.5 | 316.1 | 264.7 | 329.5 | - | 256.5 | 262.9 | 215.1 | 275.2 | - |
| Hotels and other lodging places | 70 | 1,572.0 | 1,531.8 | 1,503.9 | 1,524.2 | 1,568.9 | - | - | - | - | - |
| Hotels and motels | 701 | 1,521.3 | 1,488.8 | 1,461.7 | 1,479.5 | - | 1,343.6 | 1,311.7 | 1,286.2 | 1,302.0 | - |
| Personal services | 72 | 1,111.4 | 1,164.4 | 1,136.1 | 1,140.4 | 1,097.6 | - | - | - | - | - |
| Laundry, cleaning, and garment services | 721 | 411.8 | 407.8 | 412.8 | 416.6 | - | 363.0 | 359.2 | 363.5 | 366.5 | - |
| Photographic studios, portrait | 722 | 70.5 | 65.7 | 67.6 | 69.2 | - | - | - | - | - | - |
| Beauty shops | 723 | 378.6 | 378.6 | 382.7 | 384.0 | - | 339.1 | 338.9 | 342.3 | 343.0 | - |
| Funeral service and crematories | 726 | 84.9 | 84.5 | 86.2 | 86.5 | - | - | - | - | - | - |
| Miscellaneous personal services | 729 | 145.4 | 207.6 | 166.8 | 164.1 | - | 128.3 | 192.8 | 149.3 | 146.6 | - |
| Business services | 73 | 5,312.6 | 5,173.6 | 5,497.7 | 5,596.4 | 5,687.7 | 4,683.1 | 4,547.2 | 4,864.7 | 4,957.8 | - |
| Advertising | 731 | 225.5 | 223.2 | 223.9 | 224.6 | - | 160.3 | 158.0 | 161.5 | 162.8 | - |
| Advertising agencies | 7311 | 153.8 | 153.0 | 151.4 | 151.1 | - | - | - | - | - | - |
| Credit reporting and collection | 732 | 114.5 | 113.5 | 116.2 | 118.5 | - | - | - | - | - | - |
| Mailing, reproduction, and stenographic services | 733 | 234.2 | 229.8 | 235.1 | 237.3 | - | - | - | - | - | - |
| Photocopying and duplicating services | 7334 | 51.9 | 51.7 | 51.8 | 52.4 | - | 42.6 | 42.4 | 42.3 | 42.8 | - |
| Services to buildings | 734 | 805.4 | 803.0 | 807.7 | 816.1 | - | 721.1 | 719.1 | 724.7 | 732.6 | - |
| Miscellaneous equipment rental and leasing | 735 | 204.8 | 202.5 | 203.1 | 207.7 | - | 163.5 | 161.2 | 162.1 | 165.9 | - |
| Heavy construction equipment rental | 7353 | 38.7 | 37.3 | 38.5 | 39.7 | - | 32.1 | 30.7 | 32.2 | 33.1 | - |
| Personnel supply services | 736 | 1,648.6 | 1,551.4 | 1,797.4 | 1,869.7 | 1,935.0 | - | - | - | - | - |
| Employment agencies | 7361 | 222.1 | 214.7 | 246.1 | 252.1 | - | - | - | - | - | - |
| Help supply services | 7363 | 1,426.5 | 1,336.7 | 1,551.3 | 1,617.6 | - | 1,381.3 | 1,293.1 | 1,499.8 | 1,563.2 | - |
| Computer and data processing services | 737 | 831.0 | 824.1 | 867.5 | 868.8 | - | 665.9 | 657.9 | 703.7 | 705.6 | - |
| Computer programming services | 7371 | 167.2 | 164.7 | 177.6 | 178.6 | - | 135.6 | 132.4 | 146.5 | 147.1 | - |
| Prepackaged software | 7372 | 130.6 | 128.9 | 139.6 | 139.9 | - | - | - | - | - | - |
| Computer integrated systems design | 7373 | 102.5 | 101.6 | 108.2 | 108.8 | - | 78.9 | 77.8 | 82.4 | 82.6 | - |
| Data processing and preparation | 7374 | 205.1 | 205.5 | 211.6 | 211.3 | - | - | - | - | - | - |
| Information retrieval services | 7375 | 45.6 | 44.9 | 48.6 | 48.8 | - | 36.0 | 35.4 | 39.3 | 39.6 | - |
| Computer maintenance and repair | 7378 | 42.7 | 42.6 | 42.5 | 41.8 | - | 36.4 | 36.2 | 36.1 | 35.3 | - |
| Miscellaneous business services | 738 | 1,248.6 | 1,226.1 | 1,246.8 | 1,253.7 | - | 1,100.2 | 1,079.3 | 1,095.8 | 1,100.8 | - |
| Detective and armored car services | 7381 | 466.5 | 458.7 | 468.2 | 471.9 | - | 435.8 | 427.8 | 437.1 | 440.3 | - |
| Security systems services | 7382 | 38.4 | 38.2 | 38.4 | 38.4 | - | 32.6 | 32.3 | 32.7 | 32.8 | - |
| Photofinishing laboratories | 7384 | 74.6 | 72.8 | 71.3 | 71.5 | - | - | - | - | - | - |
| Auto repair, services, and parking | 75 | 877.9 | 872.2 | 902.5 | 910.2 | 922.7 | 718.8 | 712.2 | 741.7 | 748.2 | - |
| Automotive rentals, without drivers | 751 | 159.3 | 156.1 | 159.9 | 162.7 | - | 125.5 | 122.2 | 127.8 | 130.7 | - |
| Passenger car rental | 7514 | 96.9 | 94.7 | 99.4 | 101.6 | - | 76.8 | 74.6 | 79.9 | 81.6 | - |
| Automobile parking | 752 | 58.1 | 58.1 | 57.1 | 57.6 | - | 51.9 | 52.1 | 50.7 | 51.2 | - |
| Automotive repair shops | 753 | 496.1 | 493.4 | 507.2 | 511.9 | - | 400.0 | 396.1 | 410.0 | 413.0 | - |
| Automotive and tire repair shops | 7532,4 | 172.1 | 172.5 | 177.4 | 178.6 | - | 140.4 | 139.7 | 145.4 | 145.9 | - |
| General automotive repair shops | 7538 | 205.7 | 204.2 | 211.2 | 212.1 | - | 166.8 | 165.1 | 171.6 | 172.2 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|---|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Services—Continued | | | | | | | | | | | |
| Auto repair, services, and parking—Continued | | | | | | | | | | | |
| Automotive services, except repair | 754 | 164.5 | 164.6 | 178.3 | 178.0 | - | 141.3 | 141.8 | 153.2 | 153.3 | - |
| Carwashes | 7542 | 96.4 | 97.5 | 105.6 | 104.5 | - | 85.0 | 86.4 | 93.0 | 92.4 | - |
| Miscellaneous repair services | 76 | 344.9 | 343.3 | 347.4 | 351.1 | 353.2 | 280.6 | 278.7 | 282.2 | 286.1 | - |
| Electrical repair shops | 762 | 108.4 | 107.0 | 111.1 | 111.7 | - | - | - | - | - | - |
| Motion pictures | 78 | 404.4 | 397.7 | 414.8 | 414.2 | 414.2 | 331.4 | 325.0 | 342.4 | 341.2 | - |
| Motion picture production and services | 781 | 155.4 | 148.6 | 170.6 | 166.9 | - | 122.1 | 116.2 | 136.7 | 132.8 | - |
| Motion picture theaters | 783 | 108.9 | 108.2 | 102.6 | 105.2 | - | - | - | - | - | - |
| Amusement and recreation services | 79 | 1,169.4 | 1,132.7 | 1,079.0 | 1,169.7 | 1,234.9 | 1,027.1 | 994.2 | 934.4 | 1,004.6 | - |
| Bowling centers | 793 | 87.8 | 93.5 | 94.0 | 93.2 | - | 78.5 | 83.9 | 84.3 | 83.7 | - |
| Misc. amusement and recreation services | 799 | 802.6 | 769.5 | 718.9 | 786.0 | - | 708.5 | 673.7 | 624.3 | 676.4 | - |
| Physical fitness facilities | 7991 | 119.8 | 121.9 | 121.0 | 119.9 | - | 106.6 | 108.4 | 107.9 | 106.6 | - |
| Membership sports and recreation clubs | 7997 | 282.1 | 263.5 | 235.6 | 269.2 | - | 246.3 | 229.0 | 201.0 | 233.6 | - |
| Health services | 80 | 8,523.3 | 8,424.6 | 8,766.7 | 8,790.7 | 8,823.1 | 7,575.3 | 7,487.3 | 7,783.4 | 7,803.5 | - |
| Offices and clinics of medical doctors | 801 | 1,472.7 | 1,452.6 | 1,524.4 | 1,527.2 | - | 1,209.4 | 1,193.1 | 1,248.1 | 1,248.9 | - |
| Offices and clinics of dentists | 802 | 541.9 | 534.9 | 553.6 | 556.8 | - | 474.4 | 467.5 | 484.5 | 486.7 | - |
| Offices and clinics of other health practitioners | 804 | 327.3 | 320.3 | 345.3 | 346.3 | - | 268.1 | 262.8 | 283.0 | 284.4 | - |
| Offices and clinics of chiropractors and optometrists | 8041,2 | 148.4 | 146.8 | 153.1 | 154.3 | - | - | - | - | - | - |
| Nursing and personal care facilities | 805 | 1,542.8 | 1,524.1 | 1,589.1 | 1,596.4 | - | 1,393.8 | 1,376.4 | 1,435.1 | 1,442.2 | - |
| Skilled nursing care facilities | 8051 | 1,099.4 | 1,086.3 | 1,131.4 | 1,137.2 | - | - | - | - | - | - |
| Intermediate care facilities | 8052 | 219.6 | 216.8 | 227.0 | 228.2 | - | 197.8 | 195.2 | 204.5 | 205.6 | - |
| Nursing and personal care, nec | 8059 | 223.7 | 221.0 | 230.7 | 231.0 | - | - | - | - | - | - |
| Hospitals | 806 | 3,759.8 | 3,730.3 | 3,807.6 | 3,806.6 | 3,809.9 | 3,451.4 | 3,423.5 | 3,493.0 | 3,492.0 | - |
| General medical and surgical hospitals | 8062 | 3,457.4 | 3,429.5 | 3,500.5 | 3,500.0 | - | - | - | - | - | - |
| Psychiatric hospitals | 8063 | 103.0 | 103.9 | 102.7 | 102.5 | - | - | - | - | - | - |
| Specialty hospitals, excluding psychiatric | 8069 | 199.4 | 196.9 | 204.4 | 204.1 | - | - | - | - | - | - |
| Medical and dental laboratories | 807 | 181.0 | 178.4 | 189.2 | 190.3 | - | - | - | - | - | - |
| Home health care services | 808 | 401.6 | 389.3 | 450.7 | 458.5 | - | 372.2 | 361.2 | 417.2 | 424.3 | - |
| Legal services | 81 | 915.2 | 907.3 | 922.4 | 922.9 | 922.7 | 740.2 | 734.1 | 743.6 | 743.4 | - |
| Educational services | 82 | 1,699.5 | 1,796.5 | 1,841.5 | 1,850.6 | 1,775.6 | - | - | - | - | - |
| Elementary and secondary schools | 821 | 466.9 | 474.4 | 489.6 | 487.9 | - | - | - | - | - | - |
| Colleges and universities | 822 | 1,024.5 | 1,114.7 | 1,139.2 | 1,148.7 | - | - | - | - | - | - |
| Vocational schools | 824 | 77.3 | 78.3 | 77.6 | 77.7 | - | - | - | - | - | - |
| Social services | 83 | 1,958.0 | 1,946.2 | 2,044.0 | 2,058.9 | 2,073.4 | 1,692.3 | 1,684.0 | 1,768.4 | 1,781.6 | - |
| Individual and family services | 832 | 525.1 | 520.4 | 546.9 | 548.6 | - | 456.2 | 452.4 | 474.1 | 475.7 | - |
| Job training and related services | 833 | 271.0 | 260.5 | 284.0 | 287.6 | - | 225.3 | 215.9 | 238.5 | 241.9 | - |
| Child day care services | 835 | 449.0 | 458.9 | 474.7 | 479.8 | - | 397.3 | 407.5 | 420.8 | 425.1 | - |
| Residential care | 836 | 535.2 | 525.8 | 559.8 | 564.3 | - | 468.6 | 461.1 | 488.9 | 493.1 | - |
| Social services, nec | 839 | 177.8 | 180.6 | 178.6 | 178.6 | - | 145.0 | 147.1 | 146.1 | 145.8 | - |
| Museums and botanical and zoological gardens | 84 | 72.9 | 70.7 | 69.0 | 73.5 | 76.3 | - | - | - | - | - |
| Membership organizations | 86 | 1,950.2 | 1,939.4 | 1,938.8 | 1,944.8 | 1,953.7 | - | - | - | - | - |
| Business associations | 861 | 103.3 | 102.6 | 102.8 | 102.3 | - | - | - | - | - | - |
| Professional organizations | 862 | 52.7 | 53.0 | 52.7 | 52.6 | - | 37.8 | 38.2 | 37.6 | 37.4 | - |
| Labor organizations | 863 | 139.1 | 141.3 | 134.4 | 135.9 | - | - | - | - | - | - |
| Civic and social associations | 864 | 419.7 | 410.6 | 417.4 | 421.0 | - | - | - | - | - | - |
| Engineering and management services | 87 | 2,469.4 | 2,472.3 | 2,520.2 | 2,520.7 | 2,509.0 | 1,882.4 | 1,888.6 | 1,923.5 | 1,925.5 | - |
| Engineering and architectural services | 871 | 745.9 | 735.2 | 760.4 | 759.9 | - | 610.5 | 602.0 | 621.1 | 621.3 | - |
| Engineering services | 8711 | 586.4 | 577.3 | 600.0 | 597.9 | - | 484.5 | 477.9 | 494.1 | 492.7 | - |
| Architectural services | 8712 | 113.2 | 112.7 | 114.2 | 114.7 | - | 87.9 | 87.2 | 89.0 | 89.4 | - |
| Surveying services | 8713 | 46.3 | 45.2 | 46.2 | 47.3 | - | 38.1 | 36.9 | 38.0 | 39.2 | - |
| Accounting, auditing, and bookkeeping | 872 | 511.1 | 537.0 | 522.7 | 519.0 | - | 373.5 | 400.9 | 383.5 | 380.3 | - |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1987 SIC Code | All employees | | | | | Production workers ¹ | | | | |
|---|---------------------|---------------|--------------|--------------|---------------------------|--------------------------|---------------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Services—Continued | | | | | | | | | | | |
| Engineering and management services—Continued | | | | | | | | | | | |
| Research and testing services | 873 | 557.7 | 554.6 | 557.6 | 558.3 | - | 414.9 | 410.9 | 417.6 | 419.2 | - |
| Commercial physical research | 8731 | 234.9 | 234.7 | 231.0 | 230.6 | - | 159.5 | 158.6 | 160.9 | 160.9 | - |
| Commercial nonphysical research | 8732 | 102.1 | 100.5 | 102.4 | 103.8 | - | 81.6 | 79.7 | 81.4 | 82.7 | - |
| Noncommercial research organizations | 8733 | 140.6 | 139.9 | 142.7 | 142.2 | - | 108.3 | 107.6 | 110.3 | 110.0 | - |
| Management and public relations | 874 | 654.8 | 645.5 | 679.5 | 683.5 | - | 483.5 | 474.8 | 501.3 | 504.7 | - |
| Public relations services | 8743 | 30.8 | 31.2 | 31.1 | 31.7 | - | 22.1 | 22.5 | 22.2 | 22.8 | - |
| Services, nec | 89 | 41.6 | 41.2 | 42.1 | 42.0 | - | 32.4 | 31.7 | 33.1 | 32.8 | - |
| Government | | | | | | | | | | | |
| Federal Government ⁴ | | 2,969 | 2,977 | 2,926 | 2,914 | 2,912 | - | - | - | - | - |
| Executive, by agency ⁴ | | 2,902.8 | 2,911.3 | 2,860.0 | - | - | - | - | - | - | - |
| Department of Defense | | 917.0 | 921.3 | 890.5 | - | - | - | - | - | - | - |
| Postal Service ⁵ | | 792.0 | 796.3 | 777.2 | - | - | - | - | - | - | - |
| Other executive agencies | | 1,193.8 | 1,193.7 | 1,192.3 | - | - | - | - | - | - | - |
| Legislative | | 39.0 | 38.8 | 38.3 | - | - | - | - | - | - | - |
| Judicial | | 27.2 | 26.7 | 27.7 | - | - | - | - | - | - | - |
| Federal Government, by industry: | | | | | | | | | | | |
| Manufacturing activities | | 102.7 | 103.6 | 98.3 | 95.8 | - | - | - | - | - | - |
| Ship building and repairing | 3731 | 58.8 | 59.5 | 56.4 | 55.4 | - | - | - | - | - | - |
| Transportation and public utilities, except Postal Service | | 34.1 | 34.2 | 33.5 | 33.5 | - | - | - | - | - | - |
| Services | | 399.1 | 397.0 | 394.0 | 395.5 | - | - | - | - | - | - |
| Hospitals | 806 | 237.0 | 236.3 | 238.1 | 238.6 | - | - | - | - | - | - |
| State government | | 4,403 | 4,500 | 4,563 | 4,573 | 4,523 | - | - | - | - | - |
| Hospitals | 806 | 419.8 | 419.1 | 417.6 | 417.5 | - | - | - | - | - | - |
| Education | 82 | 1,797.0 | 1,917.6 | 1,947.6 | 1,948.0 | - | - | - | - | - | - |
| General administration, including executive, legislative, and judicial functions | | 1,706.9 | 1,690.0 | 1,724.2 | 1,732.3 | - | - | - | - | - | - |
| Local government | | 11,281 | 11,486 | 11,681 | 11,669 | 11,750 | - | - | - | - | - |
| Transportation and public utilities | | 448.4 | 447.5 | 445.3 | 445.2 | - | - | - | - | - | - |
| Hospitals | 806 | 669.7 | 661.2 | 686.5 | 687.7 | - | - | - | - | - | - |
| Education | 82 | 6,221.6 | 6,534.2 | 6,686.9 | 6,655.3 | - | - | - | - | - | - |
| General administration, including executive, legislative, and judicial functions | | 3,551.2 | 3,478.5 | 3,484.1 | 3,497.7 | - | - | - | - | - | - |

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

² Data relate to line-haul railroads with operating revenues of \$50,000,000 or more.

³ Excludes nonoffice commissioned real estate sales agents.

⁴ Prepared by the Office of Personnel Management. Data relate to

civilian employment only and exclude the Central Intelligence Agency and the National Security Agency.

⁵ Includes rural mail carriers.

- Data not available.

^p = preliminary.

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and differ from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | Avg. 1992 | Mar. 1992 | Jan. 1993 | Feb. 1993 | Mar. 1993 |
|--|--------------|--------------|--------------|--------------|--------------|
| Total | 52,414 | 52,101 | 52,429 | 52,717 | 52,901 |
| Total private | 42,375 | 41,843 | 42,243 | 42,326 | 42,447 |
| Goods-producing | 6,543 | 6,516 | 6,425 | 6,424 | 6,419 |
| Mining | 93 | 94 | 89 | 87 | 87 |
| Construction | 508 | 497 | 494 | 494 | 493 |
| Manufacturing | 5,942 | 5,925 | 5,842 | 5,843 | 5,839 |
| Durable goods | 2,725 | 2,735 | 2,683 | 2,680 | 2,678 |
| Lumber and wood products | 109 | 107 | 109 | 110 | 111 |
| Furniture and fixtures | 145 | 144 | 145 | 144 | 145 |
| Stone, clay, and glass products | 103 | 102 | 101 | 101 | 101 |
| Primary metal industries | 93 | 93 | 91 | 91 | 91 |
| Fabricated metal products | 292 | 292 | 288 | 289 | 288 |
| Industrial machinery and equipment | 420 | 422 | 419 | 419 | 420 |
| Electronic and other electrical equipment | 646 | 649 | 640 | 639 | 639 |
| Transportation equipment | 369 | 375 | 360 | 356 | 353 |
| Instruments and related products | 382 | 388 | 370 | 369 | 367 |
| Miscellaneous manufacturing | 166 | 166 | 160 | 163 | 165 |
| Nondurable goods | 3,216 | 3,190 | 3,159 | 3,163 | 3,161 |
| Food and kindred products | 537 | 511 | 514 | 511 | 508 |
| Tobacco products | 16 | 16 | 17 | 17 | 15 |
| Textile mill products | 323 | 322 | 317 | 317 | 317 |
| Apparel and other textile products | 785 | 791 | 764 | 768 | 768 |
| Paper and allied products | 168 | 166 | 165 | 165 | 165 |
| Printing and publishing | 663 | 663 | 664 | 666 | 666 |
| Chemicals and allied products | 335 | 331 | 334 | 334 | 335 |
| Petroleum and coal products | 26 | 26 | 24 | 24 | 24 |
| Rubber and misc. plastics products | 298 | 299 | 296 | 297 | 299 |
| Leather and leather products | 67 | 66 | 63 | 64 | 64 |
| Service-producing | 45,872 | 45,585 | 46,004 | 46,293 | 46,482 |
| Transportation and public utilities | 1,675 | 1,670 | 1,672 | 1,673 | 1,675 |
| Wholesale trade | 1,854 | 1,841 | 1,855 | 1,854 | 1,856 |
| Retail trade | 10,295 | 10,031 | 10,181 | 10,101 | 10,089 |
| Finance, insurance, and real estate | 4,173 | 4,167 | 4,149 | 4,147 | 4,154 |
| Services | 17,836 | 17,618 | 17,961 | 18,127 | 18,254 |
| Government | 10,040 | 10,258 | 10,186 | 10,391 | 10,454 |
| Federal | 1,226 | 1,225 | 1,212 | 1,214 | 1,213 |
| State | 2,199 | 2,248 | 2,203 | 2,274 | 2,287 |
| Local | 6,615 | 6,785 | 6,771 | 6,903 | 6,954 |

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and differ from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1992 | | | | | | | | 1993 | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|------------------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P | May ^P |
| Total | 108,470 | 108,454 | 108,605 | 108,615 | 108,674 | 108,789 | 108,921 | 109,079 | 109,235 | 109,539 | 109,565 | 109,781 | 109,990 |
| Total private | 89,852 | 89,834 | 89,934 | 89,906 | 89,945 | 90,079 | 90,159 | 90,313 | 90,480 | 90,762 | 90,777 | 90,986 | 91,182 |
| Goods-producing | 23,237 | 23,172 | 23,160 | 23,073 | 23,012 | 22,995 | 22,995 | 22,985 | 23,001 | 23,069 | 23,016 | 22,976 | 23,004 |
| Mining¹ | 637 | 630 | 628 | 623 | 616 | 618 | 616 | 613 | 611 | 600 | 600 | 599 | 599 |
| Oil and gas extraction | 355 | 347 | 346 | 343 | 338 | 342 | 341 | 341 | 342 | 336 | 334 | 334 | 335 |
| Construction¹ | 4,491 | 4,469 | 4,459 | 4,459 | 4,447 | 4,466 | 4,462 | 4,459 | 4,454 | 4,515 | 4,481 | 4,517 | 4,584 |
| General building contractors | 1,063 | 1,057 | 1,057 | 1,058 | 1,056 | 1,056 | 1,054 | 1,047 | 1,049 | 1,058 | 1,049 | 1,062 | 1,070 |
| Manufacturing | 18,109 | 18,073 | 18,073 | 17,991 | 17,949 | 17,911 | 17,917 | 17,913 | 17,936 | 17,954 | 17,935 | 17,860 | 17,821 |
| Durable goods | 10,286 | 10,260 | 10,236 | 10,192 | 10,164 | 10,135 | 10,142 | 10,136 | 10,152 | 10,163 | 10,144 | 10,088 | 10,040 |
| Lumber and wood products | 674 | 672 | 671 | 671 | 671 | 677 | 681 | 683 | 683 | 690 | 690 | 682 | 678 |
| Furniture and fixtures | 477 | 478 | 481 | 477 | 475 | 475 | 476 | 477 | 477 | 480 | 480 | 479 | 480 |
| Stone, clay, and glass products | 514 | 514 | 513 | 512 | 512 | 511 | 511 | 511 | 510 | 515 | 513 | 511 | 511 |
| Primary metal industries | 696 | 695 | 693 | 691 | 689 | 687 | 686 | 683 | 684 | 683 | 682 | 678 | 678 |
| Blast furnaces and basic steel products | 252 | 251 | 249 | 249 | 248 | 247 | 245 | 243 | 242 | 242 | 241 | 240 | 239 |
| Fabricated metal products | 1,329 | 1,325 | 1,321 | 1,320 | 1,316 | 1,312 | 1,312 | 1,310 | 1,318 | 1,320 | 1,320 | 1,316 | 1,309 |
| Industrial machinery and equipment | 1,933 | 1,929 | 1,924 | 1,919 | 1,919 | 1,912 | 1,911 | 1,909 | 1,908 | 1,907 | 1,904 | 1,905 | 1,900 |
| Electronic and other electrical equipment | 1,529 | 1,525 | 1,522 | 1,515 | 1,515 | 1,512 | 1,513 | 1,514 | 1,517 | 1,520 | 1,525 | 1,519 | 1,515 |
| Transportation equipment | 1,839 | 1,831 | 1,821 | 1,806 | 1,789 | 1,776 | 1,782 | 1,784 | 1,792 | 1,786 | 1,771 | 1,743 | 1,722 |
| Motor vehicles and equipment | 810 | 810 | 810 | 807 | 800 | 801 | 813 | 818 | 841 | 833 | 827 | 811 | 800 |
| Aircraft and parts | 620 | 615 | 609 | 603 | 597 | 591 | 585 | 579 | 572 | 570 | 563 | 559 | 551 |
| Instruments and related products | 930 | 926 | 923 | 919 | 916 | 912 | 908 | 903 | 902 | 900 | 896 | 892 | 885 |
| Miscellaneous manufacturing | 365 | 365 | 367 | 362 | 362 | 361 | 362 | 362 | 361 | 362 | 363 | 363 | 362 |
| Nondurable goods | 7,823 | 7,813 | 7,837 | 7,799 | 7,785 | 7,776 | 7,775 | 7,777 | 7,784 | 7,791 | 7,791 | 7,772 | 7,781 |
| Food and kindred products | 1,660 | 1,656 | 1,666 | 1,654 | 1,646 | 1,649 | 1,650 | 1,650 | 1,656 | 1,659 | 1,658 | 1,650 | 1,651 |
| Tobacco products | 49 | 49 | 49 | 50 | 49 | 49 | 47 | 48 | 48 | 48 | 48 | 48 | 48 |
| Textile mill products | 672 | 673 | 674 | 670 | 671 | 667 | 668 | 670 | 669 | 670 | 669 | 670 | 671 |
| Apparel and other textile products | 1,011 | 1,008 | 1,016 | 1,001 | 997 | 994 | 993 | 992 | 993 | 993 | 992 | 987 | 988 |
| Paper and allied products | 689 | 688 | 688 | 687 | 690 | 687 | 687 | 686 | 685 | 684 | 684 | 682 | 680 |
| Printing and publishing | 1,505 | 1,503 | 1,504 | 1,503 | 1,504 | 1,501 | 1,501 | 1,501 | 1,499 | 1,502 | 1,503 | 1,503 | 1,506 |
| Chemicals and allied products | 1,085 | 1,084 | 1,083 | 1,084 | 1,081 | 1,082 | 1,081 | 1,080 | 1,080 | 1,078 | 1,078 | 1,074 | 1,079 |
| Petroleum and coal products | 160 | 159 | 159 | 158 | 157 | 157 | 157 | 156 | 157 | 157 | 156 | 156 | 156 |
| Rubber and misc. plastics products | 872 | 874 | 876 | 873 | 871 | 871 | 873 | 876 | 880 | 883 | 886 | 886 | 886 |
| Leather and leather products | 120 | 119 | 122 | 119 | 119 | 119 | 118 | 118 | 117 | 117 | 117 | 116 | 116 |
| Service-producing | 85,233 | 85,282 | 85,445 | 85,542 | 85,662 | 85,794 | 85,926 | 86,094 | 86,234 | 86,470 | 86,549 | 86,805 | 86,986 |
| Transportation and public utilities | 5,711 | 5,711 | 5,707 | 5,701 | 5,704 | 5,699 | 5,699 | 5,707 | 5,719 | 5,725 | 5,724 | 5,717 | 5,727 |
| Transportation | 3,487 | 3,488 | 3,487 | 3,483 | 3,486 | 3,484 | 3,485 | 3,495 | 3,508 | 3,515 | 3,513 | 3,511 | 3,522 |
| Trucking and warehousing | 1,608 | 1,607 | 1,608 | 1,606 | 1,608 | 1,600 | 1,606 | 1,611 | 1,624 | 1,626 | 1,627 | 1,627 | 1,635 |
| Transportation by air | 731 | 732 | 731 | 730 | 727 | 728 | 728 | 730 | 733 | 736 | 735 | 736 | 738 |
| Communications and public utilities | 2,224 | 2,223 | 2,220 | 2,218 | 2,218 | 2,215 | 2,214 | 2,212 | 2,211 | 2,210 | 2,211 | 2,206 | 2,205 |
| Wholesale trade | 6,045 | 6,042 | 6,037 | 6,037 | 6,037 | 6,052 | 6,061 | 6,062 | 6,086 | 6,097 | 6,103 | 6,109 | 6,121 |
| Durable goods | 3,476 | 3,468 | 3,464 | 3,458 | 3,458 | 3,463 | 3,466 | 3,464 | 3,476 | 3,480 | 3,482 | 3,487 | 3,486 |
| Nondurable goods | 2,569 | 2,574 | 2,573 | 2,579 | 2,579 | 2,589 | 2,595 | 2,598 | 2,610 | 2,617 | 2,621 | 2,622 | 2,635 |
| Retail trade¹ | 19,357 | 19,344 | 19,360 | 19,359 | 19,380 | 19,402 | 19,405 | 19,460 | 19,523 | 19,629 | 19,604 | 19,645 | 19,666 |
| General merchandise stores | 2,435 | 2,430 | 2,424 | 2,420 | 2,423 | 2,417 | 2,402 | 2,402 | 2,382 | 2,402 | 2,394 | 2,376 | 2,360 |
| Food stores | 3,187 | 3,190 | 3,177 | 3,171 | 3,181 | 3,177 | 3,176 | 3,175 | 3,186 | 3,195 | 3,198 | 3,198 | 3,200 |
| Automotive dealers and service stations | 1,969 | 1,972 | 1,973 | 1,975 | 1,976 | 1,981 | 1,987 | 1,996 | 2,003 | 2,013 | 2,018 | 2,019 | 2,025 |
| Apparel and accessory stores | 1,133 | 1,131 | 1,133 | 1,131 | 1,127 | 1,129 | 1,131 | 1,134 | 1,135 | 1,146 | 1,143 | 1,138 | 1,143 |
| Eating and drinking places | 6,599 | 6,584 | 6,609 | 6,620 | 6,632 | 6,646 | 6,670 | 6,703 | 6,737 | 6,765 | 6,743 | 6,803 | 6,822 |

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1992 | | | | | | | | 1993 | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|------------------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P | May ^P |
| Finance, insurance, and real estate | 6,577 | 6,569 | 6,559 | 6,558 | 6,565 | 6,570 | 6,569 | 6,575 | 6,578 | 6,577 | 6,574 | 6,584 | 6,583 |
| Finance | 3,158 | 3,156 | 3,154 | 3,152 | 3,161 | 3,165 | 3,168 | 3,177 | 3,184 | 3,184 | 3,185 | 3,194 | 3,196 |
| Depository institutions | 2,105 | 2,104 | 2,101 | 2,096 | 2,100 | 2,100 | 2,101 | 2,104 | 2,110 | 2,109 | 2,111 | 2,112 | 2,109 |
| Insurance | 2,136 | 2,132 | 2,129 | 2,126 | 2,126 | 2,124 | 2,121 | 2,116 | 2,111 | 2,108 | 2,109 | 2,108 | 2,108 |
| Real estate | 1,283 | 1,281 | 1,276 | 1,280 | 1,278 | 1,281 | 1,280 | 1,282 | 1,283 | 1,285 | 1,280 | 1,282 | 1,279 |
| Services¹ | 28,925 | 28,996 | 29,111 | 29,178 | 29,247 | 29,361 | 29,430 | 29,524 | 29,573 | 29,665 | 29,756 | 29,955 | 30,081 |
| Agricultural services | 489 | 487 | 488 | 489 | 490 | 492 | 490 | 494 | 493 | 501 | 494 | 503 | 506 |
| Hotels and other lodging places | 1,576 | 1,575 | 1,574 | 1,573 | 1,580 | 1,569 | 1,564 | 1,566 | 1,565 | 1,566 | 1,563 | 1,563 | 1,563 |
| Personal services | 1,108 | 1,109 | 1,109 | 1,110 | 1,108 | 1,107 | 1,106 | 1,105 | 1,098 | 1,087 | 1,086 | 1,091 | 1,126 |
| Business services | 5,278 | 5,299 | 5,319 | 5,348 | 5,365 | 5,434 | 5,469 | 5,506 | 5,521 | 5,555 | 5,598 | 5,664 | 5,693 |
| Personnel supply services | 1,620 | 1,634 | 1,651 | 1,674 | 1,689 | 1,732 | 1,760 | 1,791 | 1,802 | 1,835 | 1,874 | 1,922 | 1,939 |
| Auto repair, services, and parking | 877 | 875 | 876 | 875 | 878 | 881 | 886 | 888 | 894 | 900 | 906 | 915 | 922 |
| Miscellaneous repair services | 345 | 345 | 346 | 346 | 345 | 346 | 348 | 347 | 350 | 351 | 352 | 353 | 355 |
| Motion pictures | 400 | 401 | 401 | 399 | 403 | 411 | 415 | 421 | 423 | 422 | 416 | 417 | 415 |
| Amusement and recreation services | 1,171 | 1,184 | 1,183 | 1,189 | 1,191 | 1,178 | 1,160 | 1,154 | 1,148 | 1,146 | 1,148 | 1,194 | 1,197 |
| Health services | 8,477 | 8,499 | 8,539 | 8,560 | 8,591 | 8,630 | 8,668 | 8,698 | 8,720 | 8,754 | 8,784 | 8,817 | 8,841 |
| Hospitals | 3,752 | 3,759 | 3,768 | 3,772 | 3,778 | 3,785 | 3,794 | 3,800 | 3,804 | 3,810 | 3,811 | 3,814 | 3,825 |
| Legal services | 915 | 913 | 914 | 914 | 917 | 917 | 919 | 921 | 924 | 926 | 928 | 929 | 929 |
| Educational services | 1,681 | 1,694 | 1,707 | 1,702 | 1,705 | 1,708 | 1,710 | 1,717 | 1,721 | 1,730 | 1,736 | 1,743 | 1,749 |
| Social services | 1,938 | 1,945 | 1,976 | 1,989 | 1,983 | 1,989 | 1,996 | 2,006 | 2,013 | 2,022 | 2,032 | 2,045 | 2,053 |
| Museums and botanical and zoological gardens | 73 | 73 | 73 | 73 | 74 | 74 | 74 | 74 | 74 | 74 | 73 | 75 | 74 |
| Membership organizations | 1,948 | 1,946 | 1,951 | 1,951 | 1,951 | 1,953 | 1,951 | 1,950 | 1,952 | 1,952 | 1,951 | 1,955 | 1,956 |
| Engineering and management services | 2,464 | 2,467 | 2,471 | 2,476 | 2,482 | 2,488 | 2,490 | 2,494 | 2,492 | 2,494 | 2,503 | 2,506 | 2,517 |
| Government | 18,618 | 18,620 | 18,671 | 18,709 | 18,729 | 18,710 | 18,762 | 18,766 | 18,755 | 18,777 | 18,788 | 18,795 | 18,808 |
| Federal | 2,980 | 2,973 | 2,962 | 2,961 | 2,966 | 2,945 | 2,943 | 2,968 | 2,945 | 2,944 | 2,938 | 2,920 | 2,906 |
| State | 4,394 | 4,388 | 4,415 | 4,412 | 4,436 | 4,426 | 4,424 | 4,431 | 4,435 | 4,439 | 4,443 | 4,457 | 4,461 |
| Local | 11,244 | 11,259 | 11,294 | 11,336 | 11,327 | 11,339 | 11,395 | 11,367 | 11,375 | 11,394 | 11,407 | 11,418 | 11,441 |

¹ Includes other industries, not shown separately.

^P = preliminary.

NOTE: Data in this table have been revised to reflect March 1992

benchmarks and updated seasonal adjustment factors and differ from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1992 | | | | | | | | | | 1993 | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
| Total | 52,157 | 52,283 | 52,366 | 52,379 | 52,534 | 52,533 | 52,547 | 52,589 | 52,667 | 52,732 | 52,816 | 52,937 | 52,943 |
| Total private | 42,186 | 42,287 | 42,364 | 42,359 | 42,435 | 42,420 | 42,453 | 42,510 | 42,538 | 42,610 | 42,690 | 42,791 | 42,784 |
| Goods-producing | 6,589 | 6,581 | 6,577 | 6,553 | 6,563 | 6,516 | 6,496 | 6,483 | 6,483 | 6,483 | 6,492 | 6,498 | 6,489 |
| Mining | 95 | 94 | 94 | 93 | 91 | 91 | 91 | 91 | 91 | 90 | 90 | 88 | 87 |
| Construction | 511 | 510 | 510 | 508 | 508 | 508 | 508 | 505 | 506 | 504 | 506 | 510 | 507 |
| Manufacturing | 5,983 | 5,977 | 5,973 | 5,952 | 5,964 | 5,917 | 5,897 | 5,887 | 5,886 | 5,889 | 5,896 | 5,900 | 5,895 |
| Durable goods | 2,752 | 2,746 | 2,742 | 2,730 | 2,726 | 2,709 | 2,703 | 2,693 | 2,693 | 2,694 | 2,700 | 2,700 | 2,695 |
| Lumber and wood products | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 110 | 111 | 111 | 112 | 112 | 113 |
| Furniture and fixtures | 145 | 145 | 145 | 145 | 146 | 145 | 144 | 144 | 144 | 144 | 145 | 146 | 146 |
| Stone, clay, and glass products | 104 | 104 | 104 | 104 | 104 | 103 | 103 | 102 | 102 | 102 | 102 | 103 | 102 |
| Primary metal industries | 94 | 93 | 94 | 93 | 93 | 92 | 92 | 91 | 91 | 91 | 92 | 92 | 91 |
| Fabricated metal products | 294 | 294 | 294 | 293 | 292 | 291 | 290 | 289 | 289 | 290 | 291 | 292 | 291 |
| Industrial machinery and equipment | 422 | 422 | 424 | 421 | 420 | 417 | 418 | 417 | 418 | 418 | 419 | 419 | 420 |
| Electronic and other electrical equipment | 652 | 650 | 648 | 646 | 645 | 642 | 642 | 640 | 640 | 640 | 640 | 642 | 642 |
| Transportation equipment | 377 | 375 | 372 | 370 | 368 | 366 | 362 | 361 | 359 | 361 | 363 | 359 | 356 |
| Instruments and related products | 388 | 386 | 384 | 382 | 381 | 379 | 378 | 375 | 374 | 372 | 371 | 370 | 368 |
| Miscellaneous manufacturing | 167 | 168 | 168 | 167 | 168 | 165 | 165 | 164 | 165 | 165 | 165 | 165 | 166 |
| Nondurable goods | 3,231 | 3,231 | 3,231 | 3,222 | 3,238 | 3,208 | 3,194 | 3,194 | 3,193 | 3,195 | 3,196 | 3,200 | 3,200 |
| Food and kindred products | 540 | 542 | 542 | 540 | 546 | 537 | 527 | 532 | 533 | 533 | 535 | 536 | 536 |
| Tobacco products | 17 | 16 | 16 | 16 | 16 | 17 | 16 | 16 | 15 | 16 | 16 | 16 | 15 |
| Textile mill products | 325 | 325 | 323 | 323 | 323 | 322 | 321 | 319 | 320 | 320 | 320 | 320 | 319 |
| Apparel and other textile products | 792 | 790 | 790 | 787 | 796 | 780 | 777 | 774 | 772 | 771 | 770 | 769 | 770 |
| Paper and allied products | 168 | 168 | 169 | 168 | 167 | 167 | 167 | 167 | 167 | 168 | 168 | 168 | 167 |
| Printing and publishing | 663 | 663 | 664 | 662 | 663 | 661 | 663 | 662 | 663 | 664 | 664 | 666 | 666 |
| Chemicals and allied products | 332 | 334 | 334 | 335 | 335 | 335 | 335 | 336 | 336 | 336 | 336 | 336 | 337 |
| Petroleum and coal products | 27 | 27 | 27 | 26 | 26 | 26 | 26 | 26 | 25 | 25 | 25 | 25 | 25 |
| Rubber and misc. plastics products | 300 | 299 | 299 | 299 | 299 | 297 | 296 | 296 | 296 | 297 | 298 | 299 | 300 |
| Leather and leather products | 67 | 67 | 67 | 66 | 67 | 66 | 66 | 66 | 66 | 65 | 64 | 65 | 65 |
| Service-producing | 45,568 | 45,702 | 45,789 | 45,826 | 45,971 | 46,017 | 46,051 | 46,106 | 46,184 | 46,249 | 46,324 | 46,439 | 46,454 |
| Transportation and public utilities | 1,675 | 1,674 | 1,677 | 1,676 | 1,678 | 1,676 | 1,675 | 1,675 | 1,674 | 1,674 | 1,677 | 1,679 | 1,680 |
| Wholesale trade | 1,854 | 1,854 | 1,854 | 1,857 | 1,852 | 1,851 | 1,851 | 1,851 | 1,856 | 1,855 | 1,868 | 1,869 | 1,869 |
| Retail trade | 10,291 | 10,310 | 10,328 | 10,299 | 10,300 | 10,297 | 10,289 | 10,293 | 10,279 | 10,294 | 10,331 | 10,381 | 10,348 |
| Finance, insurance, and real estate | 4,178 | 4,176 | 4,180 | 4,178 | 4,168 | 4,163 | 4,171 | 4,171 | 4,167 | 4,167 | 4,169 | 4,166 | 4,162 |
| Services | 17,599 | 17,692 | 17,748 | 17,796 | 17,874 | 17,917 | 17,971 | 18,037 | 18,079 | 18,137 | 18,153 | 18,198 | 18,236 |
| Government | 9,971 | 9,996 | 10,002 | 10,020 | 10,099 | 10,113 | 10,094 | 10,079 | 10,129 | 10,122 | 10,126 | 10,146 | 10,159 |
| Federal | 1,234 | 1,234 | 1,232 | 1,227 | 1,218 | 1,220 | 1,222 | 1,216 | 1,219 | 1,228 | 1,221 | 1,222 | 1,220 |
| State | 2,183 | 2,189 | 2,193 | 2,201 | 2,214 | 2,205 | 2,217 | 2,209 | 2,207 | 2,213 | 2,216 | 2,218 | 2,220 |
| Local | 6,554 | 6,573 | 6,577 | 6,592 | 6,667 | 6,688 | 6,655 | 6,654 | 6,703 | 6,681 | 6,689 | 6,706 | 6,719 |

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and updated seasonal adjustment factors and differ from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

| Industry | 1992 | | | | | | | | 1993 | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|------------------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^p | May ^p |
| Total private | 72,827 | 72,830 | 72,933 | 72,912 | 72,985 | 73,131 | 73,215 | 73,380 | 73,543 | 73,831 | 73,827 | 73,976 | 74,201 |
| Goods-producing | 16,174 | 16,127 | 16,127 | 16,057 | 16,017 | 16,015 | 16,025 | 16,031 | 16,041 | 16,121 | 16,088 | 16,060 | 16,102 |
| Mining | 449 | 445 | 443 | 440 | 437 | 438 | 436 | 434 | 432 | 424 | 424 | 423 | 420 |
| Construction | 3,435 | 3,416 | 3,408 | 3,408 | 3,399 | 3,419 | 3,414 | 3,414 | 3,399 | 3,463 | 3,433 | 3,465 | 3,537 |
| Manufacturing | 12,290 | 12,266 | 12,276 | 12,209 | 12,181 | 12,158 | 12,175 | 12,183 | 12,210 | 12,234 | 12,231 | 12,172 | 12,145 |
| Durable goods | 6,824 | 6,808 | 6,798 | 6,768 | 6,753 | 6,738 | 6,754 | 6,757 | 6,775 | 6,790 | 6,783 | 6,743 | 6,711 |
| Lumber and wood products | 554 | 551 | 550 | 550 | 551 | 555 | 560 | 562 | 562 | 569 | 569 | 560 | 556 |
| Furniture and fixtures | 377 | 378 | 380 | 376 | 374 | 375 | 375 | 376 | 377 | 379 | 379 | 378 | 378 |
| Stone, clay, and glass products | 397 | 397 | 396 | 395 | 395 | 394 | 394 | 395 | 394 | 398 | 397 | 393 | 393 |
| Primary metal industries | 526 | 525 | 525 | 523 | 522 | 520 | 520 | 519 | 520 | 520 | 520 | 516 | 516 |
| Blast furnaces and basic steel products | 190 | 189 | 188 | 188 | 187 | 187 | 185 | 184 | 184 | 184 | 184 | 183 | 182 |
| Fabricated metal products | 975 | 972 | 970 | 969 | 966 | 962 | 964 | 962 | 969 | 972 | 973 | 969 | 965 |
| Industrial machinery and equipment | 1,153 | 1,151 | 1,148 | 1,147 | 1,149 | 1,146 | 1,148 | 1,148 | 1,149 | 1,149 | 1,147 | 1,149 | 1,149 |
| Electronic and other electrical equipment | 972 | 970 | 968 | 964 | 963 | 963 | 965 | 967 | 964 | 970 | 973 | 970 | 967 |
| Transportation equipment | 1,148 | 1,145 | 1,142 | 1,134 | 1,124 | 1,117 | 1,124 | 1,126 | 1,140 | 1,132 | 1,125 | 1,108 | 1,093 |
| Motor vehicles and equipment | 618 | 618 | 620 | 619 | 612 | 613 | 624 | 628 | 651 | 643 | 639 | 626 | 615 |
| Instruments and related products | 458 | 456 | 455 | 451 | 449 | 447 | 445 | 443 | 442 | 441 | 439 | 439 | 434 |
| Miscellaneous manufacturing | 264 | 263 | 264 | 259 | 260 | 259 | 259 | 259 | 258 | 260 | 261 | 261 | 260 |
| Nondurable goods | 5,466 | 5,458 | 5,478 | 5,441 | 5,428 | 5,420 | 5,421 | 5,426 | 5,435 | 5,444 | 5,448 | 5,429 | 5,434 |
| Food and kindred products | 1,210 | 1,208 | 1,218 | 1,206 | 1,198 | 1,201 | 1,203 | 1,205 | 1,210 | 1,212 | 1,212 | 1,203 | 1,203 |
| Tobacco products | 37 | 37 | 37 | 37 | 37 | 37 | 35 | 36 | 36 | 36 | 36 | 36 | 36 |
| Textile mill products | 576 | 576 | 577 | 573 | 574 | 569 | 571 | 572 | 571 | 571 | 569 | 571 | 572 |
| Apparel and other textile products | 848 | 845 | 851 | 839 | 835 | 833 | 832 | 832 | 833 | 832 | 834 | 828 | 828 |
| Paper and allied products | 519 | 518 | 518 | 518 | 520 | 517 | 517 | 516 | 516 | 517 | 517 | 514 | 513 |
| Printing and publishing | 832 | 831 | 832 | 830 | 830 | 829 | 829 | 830 | 829 | 831 | 832 | 831 | 832 |
| Chemicals and allied products | 569 | 568 | 565 | 565 | 563 | 563 | 562 | 562 | 563 | 563 | 565 | 564 | 568 |
| Petroleum and coal products | 105 | 104 | 104 | 104 | 104 | 103 | 103 | 102 | 103 | 104 | 103 | 103 | 103 |
| Rubber and misc. plastics products | 673 | 675 | 678 | 673 | 671 | 672 | 674 | 676 | 680 | 684 | 686 | 686 | 686 |
| Leather and leather products | 97 | 96 | 98 | 96 | 96 | 96 | 95 | 95 | 94 | 94 | 94 | 93 | 93 |
| Service-producing | 56,653 | 56,703 | 56,806 | 56,855 | 56,968 | 57,116 | 57,190 | 57,349 | 57,502 | 57,710 | 57,739 | 57,916 | 58,099 |
| Transportation and public utilities | 4,768 | 4,771 | 4,766 | 4,758 | 4,768 | 4,766 | 4,767 | 4,779 | 4,793 | 4,801 | 4,794 | 4,792 | 4,799 |
| Wholesale trade | 4,853 | 4,853 | 4,849 | 4,852 | 4,854 | 4,870 | 4,880 | 4,880 | 4,904 | 4,915 | 4,923 | 4,924 | 4,927 |
| Retail trade | 17,049 | 17,035 | 17,049 | 17,047 | 17,065 | 17,090 | 17,100 | 17,146 | 17,211 | 17,314 | 17,274 | 17,300 | 17,330 |
| Finance, insurance, and real estate | 4,750 | 4,746 | 4,741 | 4,745 | 4,751 | 4,755 | 4,755 | 4,762 | 4,769 | 4,769 | 4,769 | 4,767 | 4,772 |
| Services | 25,233 | 25,298 | 25,401 | 25,453 | 25,530 | 25,635 | 25,688 | 25,782 | 25,825 | 25,911 | 25,979 | 26,133 | 26,271 |

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

^p = preliminary.
NOTE: Data in this table have been revised to reflect March 1992 benchmarks and updated seasonal adjustment factors and differ from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
DIFFUSION INDEXES
SEASONALLY ADJUSTED**

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

(Percent)

| Time span | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|--------|--------|--------|--------|--------|------|------|------|-------|--------|--------|------|
| Private nonfarm payrolls, 356 industries¹ | | | | | | | | | | | | |
| Over 1-month span: | | | | | | | | | | | | |
| 1990 | 59.0 | 57.4 | 52.1 | 49.2 | 49.9 | 51.3 | 45.9 | 44.1 | 42.7 | 40.9 | 41.7 | 40.3 |
| 1991 | 39.2 | 39.9 | 40.2 | 36.7 | 50.0 | 43.7 | 47.6 | 52.9 | 48.0 | 46.9 | 46.1 | 45.2 |
| 1992 | 41.9 | 45.6 | 51.1 | 55.9 | 52.5 | 45.2 | 52.2 | 45.5 | 52.7 | 52.4 | 52.0 | 54.8 |
| 1993 | 58.1 | 59.7 | 51.0 | P 53.4 | P 51.7 | | | | | | | |
| Over 3-month span: | | | | | | | | | | | | |
| 1990 | 59.0 | 59.8 | 53.9 | 48.9 | 48.0 | 47.2 | 46.2 | 40.6 | 36.9 | 35.5 | 35.5 | 35.3 |
| 1991 | 33.8 | 32.4 | 32.0 | 39.0 | 38.9 | 43.8 | 48.0 | 49.4 | 50.3 | 44.5 | 42.6 | 40.3 |
| 1992 | 40.7 | 44.5 | 51.8 | 56.0 | 52.9 | 50.4 | 44.8 | 47.8 | 47.3 | 52.0 | 54.2 | 57.2 |
| 1993 | 61.8 | 60.8 | P 58.1 | P 54.1 | | | | | | | | |
| Over 6-month span: | | | | | | | | | | | | |
| 1990 | 58.7 | 55.2 | 55.3 | 51.3 | 46.9 | 43.4 | 40.4 | 38.6 | 36.0 | 33.3 | 32.0 | 31.0 |
| 1991 | 30.2 | 33.0 | 31.9 | 33.7 | 39.3 | 43.7 | 46.2 | 45.2 | 46.9 | 43.8 | 41.6 | 41.2 |
| 1992 | 45.4 | 47.1 | 47.5 | 51.7 | 51.3 | 48.9 | 47.3 | 45.6 | 48.9 | 51.8 | 57.7 | 56.6 |
| 1993 | P 59.4 | P 57.3 | | | | | | | | | | |
| Over 12-month span: | | | | | | | | | | | | |
| 1990 | 55.5 | 52.7 | 51.7 | 48.5 | 45.4 | 42.6 | 39.3 | 36.1 | 35.8 | 33.0 | 33.0 | 30.6 |
| 1991 | 31.0 | 31.0 | 31.7 | 31.9 | 31.7 | 33.8 | 35.8 | 37.5 | 40.0 | 44.9 | 45.5 | 46.3 |
| 1992 | 47.8 | 43.0 | 42.3 | 42.7 | 45.8 | 47.2 | 49.3 | 54.2 | 53.1 | P 50.3 | P 50.7 | |
| 1993 | | | | | | | | | | | | |
| Manufacturing payrolls, 139 industries¹ | | | | | | | | | | | | |
| Over 1-month span: | | | | | | | | | | | | |
| 1990 | 48.9 | 48.6 | 44.6 | 47.5 | 40.3 | 44.6 | 40.3 | 39.6 | 35.6 | 38.1 | 29.1 | 34.5 |
| 1991 | 33.8 | 34.2 | 33.5 | 36.3 | 46.4 | 42.1 | 45.3 | 51.8 | 41.7 | 47.1 | 41.4 | 40.3 |
| 1992 | 37.4 | 41.4 | 47.8 | 49.6 | 45.7 | 41.0 | 50.4 | 37.1 | 46.8 | 39.6 | 50.4 | 47.1 |
| 1993 | 53.2 | 54.7 | 47.5 | P 37.4 | P 45.0 | | | | | | | |
| Over 3-month span: | | | | | | | | | | | | |
| 1990 | 45.7 | 47.1 | 46.4 | 39.6 | 40.3 | 38.1 | 36.0 | 29.1 | 29.1 | 22.7 | 23.0 | 22.3 |
| 1991 | 23.7 | 22.3 | 19.8 | 33.5 | 35.6 | 38.8 | 45.7 | 46.0 | 48.6 | 38.8 | 37.4 | 33.1 |
| 1992 | 33.5 | 38.5 | 43.5 | 45.0 | 41.7 | 44.6 | 35.6 | 37.1 | 29.9 | 39.9 | 42.8 | 51.4 |
| 1993 | 55.0 | 57.6 | P 45.7 | P 39.6 | | | | | | | | |
| Over 6-month span: | | | | | | | | | | | | |
| 1990 | 46.0 | 41.4 | 42.4 | 41.7 | 35.6 | 32.4 | 28.1 | 25.2 | 21.9 | 21.2 | 18.3 | 17.6 |
| 1991 | 14.7 | 20.9 | 21.6 | 25.5 | 34.5 | 38.8 | 42.4 | 40.3 | 41.0 | 38.1 | 34.5 | 34.2 |
| 1992 | 34.9 | 34.5 | 36.0 | 42.8 | 39.6 | 36.0 | 30.2 | 31.7 | 34.2 | 37.4 | 48.6 | 49.6 |
| 1993 | P 50.4 | P 44.2 | | | | | | | | | | |
| Over 12-month span: | | | | | | | | | | | | |
| 1990 | 37.8 | 35.3 | 33.5 | 33.1 | 28.1 | 26.3 | 23.7 | 20.5 | 19.4 | 16.5 | 16.2 | 15.8 |
| 1991 | 16.5 | 16.2 | 17.3 | 18.0 | 20.9 | 24.1 | 26.3 | 30.6 | 32.7 | 37.8 | 36.7 | 36.7 |
| 1992 | 41.0 | 33.5 | 31.3 | 27.7 | 31.3 | 34.5 | 35.6 | 41.4 | 41.7 | P 36.0 | P 36.7 | |
| 1993 | | | | | | | | | | | | |

¹ Based on seasonally adjusted data for 1-, 3-, and 6-month spans and unadjusted data for the 12-month span. Data are centered within the span.
P = preliminary.

NOTE: Figures are the percent of industries with employment increasing plus one half of the industries with unchanged employment, where 50 percent indicates an equal balance between industries with increasing and decreasing

employment. Data in this table have been revised to reflect March 1992 benchmarks and updated seasonal adjustment factors. In addition, historical series have been recomputed to correct for errors in pre-1991 benchmark source data. As a result, unadjusted and seasonally adjusted data (beginning April 1981) are subject to revision. See the article in this issue for additional information.

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

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

(In thousands)

| State and area | Total | | | Mining | | | Construction | | |
|---|-----------|-----------|------------------------|------------------|------------------|------------------------|--------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Alabama | 1,665.5 | 1,688.9 | 1,696.0 | 11.6 | 10.6 | 10.7 | 74.6 | 74.8 | 76.3 |
| Birmingham | 426.4 | 430.6 | 432.5 | 5.4 | 4.9 | 4.9 | 21.7 | 21.5 | 22.0 |
| Huntsville | 137.4 | 140.9 | 141.1 | (¹) | (¹) | (¹) | 4.6 | 4.5 | 4.6 |
| Mobile | 187.2 | 192.2 | 193.2 | (¹) | (¹) | (¹) | 12.4 | 13.1 | 13.5 |
| Montgomery | 138.2 | 140.4 | 141.4 | (¹) | (¹) | (¹) | 6.3 | 6.2 | 6.3 |
| Tuscaloosa | 86.9 | 67.8 | 68.3 | 3.0 | 2.5 | 2.5 | 3.4 | 3.2 | 3.3 |
| Alaska | 243.4 | 241.2 | 245.1 | 10.7 | 10.0 | 10.1 | 8.5 | 8.4 | 9.2 |
| Anchorage | 111.7 | 112.6 | 113.7 | 3.6 | 3.4 | 3.3 | 4.4 | 4.5 | 4.9 |
| Arizona | 1,525.0 | 1,554.5 | 1,555.3 | 12.6 | 12.5 | 12.4 | 78.8 | 82.2 | 83.2 |
| Phoenix | 991.8 | 1,007.8 | 1,008.9 | .7 | .8 | .8 | 51.3 | 54.2 | 54.9 |
| Tucson | 268.0 | 273.3 | 273.3 | 2.3 | 2.1 | 2.1 | 14.4 | 15.2 | 15.4 |
| Arkansas | 959.3 | 975.0 | 981.8 | 3.5 | 3.6 | 3.6 | 36.7 | 36.6 | 37.6 |
| Fayetteville-Springdale | 58.9 | 61.4 | 62.0 | (¹) | (¹) | (¹) | 2.2 | 2.2 | 2.2 |
| Fort Smith | 82.4 | 83.5 | 83.7 | .8 | .8 | .8 | 2.7 | 2.7 | 2.7 |
| Little Rock-North Little Rock | 262.6 | 267.5 | 267.9 | (¹) | (¹) | (¹) | 11.1 | 11.1 | 11.2 |
| Pine Bluff | 34.2 | 34.1 | 34.1 | (¹) | (¹) | (¹) | 1.1 | .8 | .8 |
| California | 12,179.0 | 11,975.0 | 11,979.0 | 35.5 | 32.6 | 32.8 | 475.0 | 442.8 | 450.2 |
| Anaheim-Santa Ana | 1,126.4 | 1,108.9 | 1,110.6 | 1.2 | 1.0 | 1.0 | 47.7 | 42.3 | 42.4 |
| Bakersfield | 175.0 | 172.8 | 173.7 | 12.3 | 11.0 | 11.1 | 9.1 | 9.3 | 9.7 |
| Fresno | 227.4 | 225.6 | 227.0 | .7 | .5 | .5 | 11.8 | 10.5 | 10.7 |
| Los Angeles-Long Beach | 3,826.0 | 3,768.3 | 3,760.2 | 7.7 | 7.9 | 7.9 | 106.9 | 100.5 | 100.7 |
| Modesto | 117.6 | 117.4 | 117.2 | (²) | (²) | (²) | 6.1 | 5.9 | 6.0 |
| Oakland | 868.8 | 859.2 | 859.4 | 3.5 | 3.0 | 3.1 | 40.0 | 39.9 | 40.5 |
| Oxnard-Ventura | 226.5 | 223.3 | 223.2 | 2.0 | 1.8 | 1.8 | 9.8 | 10.0 | 10.0 |
| Riverside-San Bernardino | 731.0 | 713.9 | 714.7 | 1.3 | 1.3 | 1.3 | 41.2 | 36.3 | 37.1 |
| Sacramento | 622.9 | 620.0 | 620.7 | .8 | .6 | .7 | 29.2 | 25.2 | 26.5 |
| Salinas-Seaside-Monterey | 110.1 | 107.0 | 108.0 | .3 | .3 | .3 | 3.9 | 3.7 | 3.7 |
| San Diego | 951.3 | 931.9 | 934.2 | .5 | .5 | .5 | 43.9 | 39.7 | 39.8 |
| San Francisco | 915.3 | 910.7 | 911.0 | .6 | .6 | .6 | 27.7 | 27.6 | 28.3 |
| San Jose | 788.6 | 773.4 | 771.3 | .2 | .2 | .2 | 26.7 | 25.9 | 26.2 |
| Santa Barbara-Santa Maria-Lompoc | 145.6 | 140.4 | 140.8 | 1.1 | 1.0 | 1.0 | 6.1 | 4.8 | 4.8 |
| Santa Rosa-Petaluma | 140.9 | 141.5 | 141.8 | .5 | .6 | .6 | 7.4 | 7.4 | 7.9 |
| Stockton | 151.7 | 152.4 | 153.3 | .1 | .1 | .1 | 6.1 | 5.5 | 5.6 |
| Vallejo-Fairfield-Napa | 140.2 | 137.6 | 138.1 | .4 | .4 | .4 | 9.2 | 8.7 | 8.9 |
| Colorado | 1,579.1 | 1,615.6 | 1,626.2 | 16.5 | 15.7 | 15.7 | 69.6 | 72.7 | 78.5 |
| Boulder-Longmont | 126.1 | 129.8 | 130.6 | (¹) | (¹) | (¹) | 4.3 | 4.1 | 4.4 |
| Denver | 865.0 | 877.0 | 887.8 | 9.2 | 8.2 | 8.2 | 38.6 | 41.4 | 45.6 |
| Connecticut | 1,521.7 | 1,489.1 | 1,494.6 | .9 | .9 | 1.0 | 43.5 | 40.4 | 43.1 |
| Bridgeport-Milford | 176.2 | 173.0 | 173.6 | (²) | (²) | (²) | 4.6 | 4.0 | 4.3 |
| Hartford | 434.7 | 421.2 | 421.1 | (¹) | (¹) | (¹) | 11.2 | 9.7 | 10.7 |
| New Britain | 60.3 | 59.5 | 60.1 | (²) | (²) | (²) | 3.5 | 2.9 | 3.3 |
| New Haven-Meriden | 232.6 | 227.6 | 231.1 | (¹) | (¹) | (¹) | 7.1 | 6.7 | 7.5 |
| Stamford | 112.9 | 111.0 | 111.5 | (¹) | (¹) | (¹) | 3.0 | 2.5 | 2.6 |
| Waterbury | 79.8 | 79.3 | 79.8 | (²) | (²) | (²) | 2.4 | 1.8 | 2.1 |
| Delaware | 341.2 | 341.4 | 345.7 | .1 | .1 | .1 | 18.1 | 17.9 | 19.3 |
| Wilmington | 287.9 | 287.0 | 289.3 | .2 | .2 | .2 | 15.3 | 13.8 | 15.0 |
| District of Columbia | 875.9 | 675.8 | 677.0 | .1 | .1 | .1 | 9.2 | 8.9 | 9.2 |
| Washington MSA | 2,179.4 | 2,177.9 | 2,191.5 | .6 | .6 | .6 | 95.1 | 90.9 | 93.1 |
| Florida | 5,339.5 | 5,485.2 | 5,473.7 | 7.2 | 6.6 | 6.6 | 256.9 | 275.1 | 273.8 |
| Daytona Beach | 125.1 | 128.9 | 128.3 | (²) | (²) | (²) | 6.5 | 6.2 | 6.3 |
| Fort Lauderdale-Hollywood-Pompano Beach | 507.9 | 532.1 | 530.0 | .2 | .2 | .2 | 24.7 | 29.1 | 29.0 |
| Fort Myers-Cape Coral | 127.4 | 132.3 | 131.3 | (²) | (²) | (²) | 9.8 | 11.4 | 11.4 |
| Gainesville | 101.5 | 105.2 | 105.3 | (²) | (²) | (²) | 3.5 | 3.8 | 3.7 |
| Jacksonville | 416.6 | 421.9 | 422.9 | (²) | (²) | (²) | 21.7 | 23.2 | 23.0 |
| Lakeland-Winter Haven | 148.9 | 151.6 | 150.5 | 3.2 | 3.0 | 3.0 | 6.9 | 6.6 | 6.4 |
| Melbourne-Titusville-Palm Bay | 163.1 | 162.2 | 161.8 | (²) | (²) | (²) | 8.0 | 7.5 | 7.4 |
| Miami-Hialeah | 853.6 | 879.2 | 879.4 | .6 | .6 | .6 | 28.9 | 38.5 | 39.3 |
| Orlando | 570.2 | 584.7 | 586.7 | (²) | (²) | (²) | 27.8 | 28.7 | 28.6 |
| Pensacola | 132.1 | 134.8 | 135.0 | (²) | (²) | (²) | 7.6 | 7.6 | 7.6 |
| Sarasota | 115.7 | 118.1 | 117.3 | (²) | (²) | (²) | 6.9 | 7.1 | 6.9 |
| Tallahassee | 128.4 | 131.3 | 131.0 | (²) | (²) | (²) | 5.4 | 5.0 | 4.9 |
| Tampa-St. Petersburg-Clearwater | 861.4 | 882.1 | 879.4 | .5 | .4 | .4 | 40.7 | 40.0 | 39.6 |
| West Palm Beach-Boca Raton-Delray Beach | 358.5 | 365.1 | 360.6 | (²) | (²) | (²) | 17.8 | 19.2 | 18.8 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Manufacturing | | | Transportation and public utilities | | | Wholesale and retail trade | | |
|---|---------------|-----------|------------------------|-------------------------------------|-----------|------------------------|----------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p |
| Alabama | 378.8 | 380.2 | 380.6 | 81.7 | 81.4 | 82.2 | 362.0 | 366.5 | 369.7 |
| Birmingham | 54.6 | 54.3 | 53.6 | 30.8 | 30.2 | 30.2 | 102.0 | 103.1 | 104.2 |
| Huntsville | 31.4 | 32.0 | 32.0 | 3.1 | 3.3 | 3.2 | 25.7 | 26.4 | 26.5 |
| Mobile | 27.3 | 27.7 | 27.9 | 10.7 | 10.4 | 10.8 | 47.9 | 48.8 | 49.7 |
| Montgomery | 16.4 | 17.2 | 17.4 | 5.8 | 5.7 | 5.7 | 31.0 | 31.7 | 32.1 |
| Tuscaloosa | 9.8 | 10.4 | 10.4 | 2.2 | 2.2 | 2.2 | 13.8 | 14.0 | 14.0 |
| Alaska | 19.0 | 17.7 | 17.4 | 21.8 | 21.3 | 21.8 | 46.1 | 45.6 | 46.9 |
| Anchorage | 2.1 | 1.6 | 1.7 | 11.7 | 11.8 | 11.8 | 25.5 | 25.5 | 25.9 |
| Arizona | 171.1 | 170.4 | 169.7 | 81.4 | 77.9 | 78.0 | 376.2 | 380.6 | 381.2 |
| Phoenix | 127.2 | 126.4 | 126.1 | 56.4 | 53.5 | 53.7 | 247.3 | 249.9 | 249.8 |
| Tucson | 24.4 | 24.2 | 24.1 | 10.6 | 11.2 | 11.2 | 63.0 | 63.9 | 63.9 |
| Arkansas | 235.2 | 240.4 | 241.7 | 54.8 | 55.4 | 55.7 | 210.9 | 214.6 | 216.3 |
| Fayetteville-Springdale | 14.1 | 15.1 | 15.3 | 4.5 | 4.6 | 4.6 | 13.4 | 13.5 | 13.8 |
| Fort Smith | 25.1 | 25.4 | 25.8 | 5.0 | 5.3 | 5.3 | 16.7 | 16.7 | 16.9 |
| Little Rock-North Little Rock | 32.8 | 33.4 | 33.3 | 17.1 | 17.2 | 17.3 | 61.3 | 62.0 | 62.1 |
| Pine Bluff | 7.0 | 7.1 | 7.2 | 2.2 | 2.1 | 2.1 | 7.0 | 7.0 | 7.0 |
| California | 1,901.7 | 1,815.7 | 1,807.2 | 604.0 | 596.7 | 598.3 | 2,816.1 | 2,762.4 | 2,761.9 |
| Anaheim-Santa Ana | 220.7 | 211.6 | 211.9 | 34.9 | 35.7 | 36.1 | 279.2 | 275.3 | 274.8 |
| Bakersfield | 10.4 | 10.2 | 10.3 | 8.7 | 8.9 | 9.0 | 41.0 | 40.3 | 40.3 |
| Fresno | 24.1 | 25.0 | 24.8 | 12.0 | 11.9 | 12.0 | 56.3 | 55.4 | 55.8 |
| Los Angeles-Long Beach | 725.5 | 682.3 | 676.3 | 203.4 | 199.4 | 199.2 | 850.0 | 840.6 | 839.4 |
| Modesto | 22.7 | 23.2 | 22.6 | 5.2 | 5.1 | 5.2 | 30.4 | 30.0 | 30.1 |
| Oakland | 110.0 | 106.0 | 105.8 | 53.7 | 53.2 | 53.4 | 202.7 | 198.4 | 197.9 |
| Oxnard-Ventura | 31.7 | 31.2 | 30.9 | 10.6 | 10.6 | 10.6 | 54.1 | 52.6 | 52.7 |
| Riverside-San Bernardino | 87.2 | 84.4 | 84.4 | 36.0 | 36.0 | 36.2 | 186.4 | 184.0 | 183.3 |
| Sacramento | 41.7 | 41.3 | 41.8 | 28.9 | 28.4 | 28.9 | 141.1 | 139.7 | 139.8 |
| Salinas-Seaside-Monterey | 9.3 | 8.5 | 9.2 | 5.0 | 4.9 | 4.9 | 28.8 | 27.5 | 27.8 |
| San Diego | 126.7 | 118.5 | 116.9 | 34.6 | 34.8 | 34.9 | 219.0 | 213.6 | 214.2 |
| San Francisco | 75.1 | 76.9 | 76.3 | 77.6 | 75.9 | 75.8 | 195.2 | 190.4 | 190.2 |
| San Jose | 236.2 | 226.5 | 225.3 | 22.0 | 22.6 | 22.7 | 157.3 | 153.3 | 153.1 |
| Santa Barbara-Santa Maria-Lompoc | 19.9 | 18.4 | 18.6 | 5.3 | 4.9 | 4.9 | 33.2 | 31.5 | 31.7 |
| Santa Rosa-Petaluma | 19.5 | 20.1 | 19.8 | 5.6 | 5.8 | 5.8 | 35.4 | 34.9 | 34.9 |
| Stockton | 20.9 | 20.7 | 20.9 | 9.5 | 9.6 | 9.7 | 36.2 | 37.5 | 37.6 |
| Vallejo-Fairfield-Napa | 13.0 | 12.4 | 12.4 | 5.4 | 5.7 | 5.7 | 34.4 | 34.5 | 34.3 |
| Colorado | 183.9 | 181.5 | 181.4 | 98.9 | 100.4 | 100.6 | 378.8 | 388.9 | 390.8 |
| Boulder-Longmont | 27.8 | 28.3 | 28.2 | 3.0 | 3.1 | 3.1 | 26.0 | 27.2 | 27.5 |
| Denver | 91.0 | 88.8 | 88.8 | 71.0 | 72.0 | 72.2 | 207.4 | 212.5 | 213.3 |
| Connecticut | 307.1 | 294.6 | 293.0 | 66.6 | 66.3 | 64.5 | 329.5 | 320.1 | 321.0 |
| Bridgeport-Milford | 46.1 | 45.4 | 45.6 | 7.2 | 7.0 | 6.8 | 39.2 | 38.0 | 37.6 |
| Hartford | 72.0 | 65.8 | 65.0 | 17.8 | 17.5 | 17.0 | 91.7 | 89.2 | 89.3 |
| New Britain | 16.4 | 15.7 | 15.7 | 2.6 | 2.4 | 2.3 | 12.7 | 13.0 | 13.1 |
| New Haven-Meriden | 42.8 | 41.3 | 41.3 | 15.5 | 15.8 | 15.9 | 48.7 | 46.0 | 47.1 |
| Stamford | 17.2 | 16.8 | 16.7 | 5.2 | 4.8 | 4.8 | 26.1 | 25.8 | 26.0 |
| Waterbury | 17.9 | 17.2 | 17.2 | 3.2 | 3.2 | 3.2 | 15.8 | 15.9 | 15.8 |
| Delaware | 67.3 | 65.7 | 65.8 | 14.8 | 14.8 | 15.0 | 73.5 | 72.7 | 74.0 |
| Wilmington | 58.0 | 56.2 | 55.8 | 16.5 | 16.6 | 16.7 | 57.3 | 56.2 | 57.1 |
| District of Columbia | 14.1 | 13.6 | 13.7 | 23.3 | 23.2 | 23.3 | 55.0 | 52.4 | 53.3 |
| Washington MSA | 79.5 | 78.4 | 78.6 | 102.5 | 100.5 | 100.9 | 404.8 | 397.9 | 401.6 |
| Florida | 480.4 | 482.8 | 478.7 | 271.1 | 278.0 | 278.5 | 1,411.5 | 1,449.8 | 1,439.2 |
| Daytona Beach | 11.4 | 11.4 | 11.3 | 3.7 | 3.9 | 3.9 | 36.5 | 37.2 | 36.6 |
| Fort Lauderdale-Hollywood-Pompano Beach | 38.7 | 40.3 | 39.9 | 24.8 | 25.8 | 25.9 | 146.9 | 153.6 | 151.9 |
| Fort Myers-Cape Coral | 5.4 | 5.4 | 5.4 | 5.7 | 5.8 | 6.0 | 36.4 | 37.6 | 36.7 |
| Gainesville | 5.5 | 5.8 | 5.7 | 2.0 | 2.0 | 2.0 | 21.0 | 21.8 | 21.7 |
| Jacksonville | 33.3 | 34.2 | 34.0 | 30.7 | 30.3 | 30.7 | 109.2 | 108.9 | 109.6 |
| Lakeland-Winter Haven | 20.0 | 20.9 | 20.8 | 7.6 | 7.5 | 7.5 | 41.5 | 42.6 | 42.5 |
| Melbourne-Titusville-Palm Bay | 29.1 | 28.5 | 28.2 | 4.6 | 4.8 | 4.8 | 36.8 | 36.2 | 36.2 |
| Miami-Hialeah | 83.9 | 84.9 | 85.1 | 65.1 | 69.8 | 69.7 | 226.4 | 232.1 | 230.3 |
| Orlando | 46.9 | 45.8 | 46.0 | 32.2 | 34.1 | 34.2 | 142.5 | 145.7 | 145.8 |
| Pensacola | 11.1 | 11.1 | 11.1 | 6.2 | 6.0 | 6.0 | 31.5 | 31.6 | 31.8 |
| Sarasota | 7.4 | 7.2 | 7.1 | 3.7 | 3.8 | 3.8 | 33.1 | 34.1 | 33.6 |
| Tallahassee | 4.2 | 4.3 | 4.2 | 3.2 | 3.1 | 3.0 | 26.5 | 27.3 | 27.4 |
| Tampa-St. Petersburg-Clearwater | 84.3 | 84.0 | 83.3 | 39.7 | 39.8 | 39.4 | 229.6 | 233.9 | 231.7 |
| West Palm Beach-Boca Raton-Delray Beach | 31.9 | 31.4 | 30.1 | 14.1 | 14.6 | 14.6 | 95.7 | 101.2 | 98.9 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Finance, insurance, and real estate | | | Services | | | Government | | |
|---|--|--------------|---------------------------|--------------|--------------|---------------------------|--------------|--------------|---------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Alabama | 73.3 | 73.8 | 74.0 | 343.9 | 355.7 | 356.3 | 339.6 | 345.9 | 346.2 |
| Birmingham | 29.9 | 30.4 | 30.5 | 112.2 | 115.2 | 115.7 | 69.8 | 71.0 | 71.4 |
| Huntsville | 4.0 | 4.0 | 4.1 | 35.5 | 36.7 | 37.0 | 33.1 | 34.0 | 33.7 |
| Mobile | 8.1 | 7.9 | 7.9 | 48.1 | 51.5 | 50.3 | 32.7 | 32.8 | 33.1 |
| Montgomery | 8.2 | 8.0 | 8.0 | 33.4 | 34.6 | 35.0 | 37.1 | 37.0 | 36.9 |
| Tuscaloosa | 2.1 | 2.2 | 2.2 | 11.0 | 10.6 | 10.9 | 21.6 | 22.7 | 22.8 |
| Alaska | 10.3 | 10.6 | 10.6 | 52.1 | 53.1 | 53.8 | 74.9 | 74.5 | 75.3 |
| Anchorage | 6.4 | 6.6 | 6.6 | 29.4 | 30.3 | 30.4 | 28.6 | 28.9 | 29.1 |
| Arizona | 93.5 | 95.1 | 95.4 | 423.9 | 436.3 | 437.3 | 287.5 | 299.5 | 298.1 |
| Phoenix | 74.3 | 75.3 | 75.4 | 287.6 | 294.5 | 295.6 | 147.0 | 153.2 | 152.6 |
| Tucson | 11.5 | 11.7 | 11.7 | 78.0 | 79.8 | 79.6 | 63.8 | 65.2 | 65.3 |
| Arkansas | 38.5 | 39.0 | 39.3 | 208.7 | 211.6 | 214.3 | 171.0 | 173.8 | 173.3 |
| Fayetteville-Springdale | 1.7 | 1.8 | 1.8 | 11.6 | 12.1 | 12.1 | 11.4 | 12.1 | 12.2 |
| Fort Smith | 2.6 | 2.6 | 2.6 | 20.2 | 20.8 | 20.5 | 9.3 | 9.2 | 9.1 |
| Little Rock-North Little Rock | 15.7 | 16.0 | 16.1 | 71.3 | 73.3 | 73.6 | 53.3 | 54.5 | 54.3 |
| Pine Bluff | 1.2 | 1.3 | 1.2 | 7.5 | 7.6 | 7.6 | 8.2 | 8.2 | 8.2 |
| California | 792.9 | 780.2 | 779.5 | 3,424.0 | 3,442.9 | 3,447.7 | 2,129.8 | 2,101.7 | 2,101.4 |
| Anaheim-Santa Ana | 94.6 | 93.6 | 93.1 | 316.7 | 320.2 | 322.2 | 131.4 | 129.2 | 129.1 |
| Bakersfield | 5.8 | 5.6 | 5.5 | 40.7 | 40.8 | 40.9 | 47.0 | 46.7 | 46.9 |
| Fresno | 13.3 | 12.7 | 12.7 | 55.3 | 54.9 | 55.7 | 53.9 | 54.7 | 54.8 |
| Los Angeles-Long Beach | 256.4 | 248.1 | 247.9 | 1,130.4 | 1,150.4 | 1,149.6 | 545.7 | 539.1 | 539.2 |
| Modesto | 5.0 | 5.0 | 5.0 | 26.4 | 26.2 | 26.1 | 21.8 | 22.0 | 22.2 |
| Oakland | 57.6 | 56.7 | 56.8 | 228.7 | 230.9 | 230.6 | 172.6 | 171.1 | 171.3 |
| Oxnard-Ventura | 12.2 | 12.2 | 12.2 | 60.7 | 61.0 | 61.2 | 45.4 | 43.9 | 43.8 |
| Riverside-San Bernardino | 31.5 | 30.6 | 30.6 | 186.9 | 185.8 | 185.5 | 160.5 | 155.5 | 156.3 |
| Sacramento | 42.2 | 42.5 | 42.7 | 151.1 | 153.8 | 152.6 | 187.9 | 188.5 | 187.7 |
| Salinas-Seaside-Monterey | 6.3 | 6.5 | 6.5 | 28.3 | 28.3 | 28.3 | 28.2 | 27.3 | 27.3 |
| San Diego | 60.9 | 60.9 | 60.9 | 282.2 | 282.7 | 285.7 | 183.5 | 181.2 | 181.3 |
| San Francisco | 101.7 | 102.6 | 102.5 | 301.2 | 304.5 | 305.2 | 136.2 | 132.2 | 132.1 |
| San Jose | 31.6 | 30.9 | 30.7 | 225.0 | 225.5 | 224.8 | 89.6 | 88.5 | 88.3 |
| Santa Barbara-Santa Maria-Lompoc | 7.6 | 7.6 | 7.6 | 42.5 | 42.1 | 42.4 | 29.9 | 30.1 | 29.8 |
| Santa Rosa-Petaluma | 9.5 | 9.4 | 9.4 | 36.8 | 37.2 | 37.3 | 26.2 | 26.1 | 26.1 |
| Stockton | 9.0 | 8.9 | 8.9 | 34.7 | 35.1 | 35.4 | 35.2 | 35.0 | 35.1 |
| Vallejo-Fairfield-Napa | 5.2 | 4.9 | 4.9 | 34.8 | 34.4 | 35.0 | 37.8 | 36.6 | 36.5 |
| Colorado | 99.2 | 101.9 | 102.0 | 438.0 | 453.2 | 455.7 | 294.2 | 301.3 | 301.5 |
| Boulder-Longmont | 4.4 | 4.7 | 4.7 | 35.9 | 37.0 | 37.5 | 24.7 | 25.4 | 25.2 |
| Denver | 66.5 | 67.4 | 68.0 | 243.9 | 245.3 | 250.6 | 137.4 | 141.4 | 141.1 |
| Connecticut | 142.2 | 138.1 | 138.4 | 421.3 | 416.8 | 423.0 | 210.6 | 211.9 | 210.8 |
| Bridgeport-Milford | 10.5 | 10.2 | 10.2 | 49.6 | 48.9 | 49.7 | 19.0 | 19.5 | 19.4 |
| Hartford | 71.1 | 68.4 | 68.6 | 107.2 | 107.0 | 107.9 | 63.7 | 63.6 | 62.6 |
| New Britain | 3.9 | 4.0 | 3.9 | 14.2 | 14.2 | 14.5 | 7.0 | 7.3 | 7.3 |
| New Haven-Meriden | 15.1 | 13.9 | 14.0 | 71.1 | 70.4 | 71.8 | 32.3 | 33.5 | 33.5 |
| Stamford | 13.6 | 13.3 | 13.3 | 37.2 | 37.1 | 37.5 | 10.6 | 10.7 | 10.6 |
| Waterbury | 4.1 | 4.6 | 4.6 | 23.8 | 24.1 | 24.5 | 12.6 | 12.5 | 12.4 |
| Delaware | 32.7 | 33.4 | 33.6 | 85.0 | 86.3 | 87.3 | 49.7 | 50.5 | 50.6 |
| Wilmington | 29.0 | 30.1 | 30.1 | 72.6 | 74.0 | 74.4 | 39.0 | 39.9 | 40.0 |
| District of Columbia | 33.9 | 32.7 | 32.8 | 256.8 | 256.4 | 256.1 | 283.5 | 288.5 | 288.5 |
| Washington MSA | 127.6 | 127.0 | 127.4 | 761.8 | 767.6 | 772.9 | 607.5 | 615.0 | 616.4 |
| Florida | 351.0 | 352.9 | 353.3 | 1,685.7 | 1,746.2 | 1,744.1 | 875.7 | 893.8 | 899.5 |
| Daytona Beach | 5.6 | 5.4 | 5.5 | 38.9 | 41.0 | 40.7 | 22.5 | 23.8 | 24.0 |
| Fort Lauderdale-Hollywood-Pompano Beach | 39.4 | 38.7 | 38.8 | 158.8 | 168.3 | 167.6 | 74.4 | 76.1 | 76.7 |
| Fort Myers-Cape Coral | 8.1 | 7.9 | 7.9 | 40.4 | 42.6 | 42.2 | 21.5 | 21.5 | 21.6 |
| Gainesville | 4.3 | 4.4 | 4.3 | 26.7 | 27.2 | 27.4 | 38.4 | 40.1 | 40.4 |
| Jacksonville | 43.5 | 44.8 | 44.5 | 115.5 | 118.4 | 118.8 | 62.3 | 61.7 | 61.9 |
| Lakeland-Winter Haven | 7.5 | 7.6 | 7.6 | 38.6 | 39.6 | 39.0 | 23.6 | 23.8 | 23.7 |
| Melbourne-Titusville-Palm Bay | 5.1 | 5.0 | 5.0 | 55.1 | 55.3 | 55.3 | 24.4 | 24.9 | 24.9 |
| Miami-Hialeah | 62.7 | 62.7 | 62.9 | 261.1 | 264.4 | 262.6 | 124.9 | 126.2 | 128.9 |
| Orlando | 34.0 | 34.8 | 35.0 | 216.3 | 223.6 | 225.1 | 70.3 | 71.8 | 71.8 |
| Pensacola | 5.3 | 5.3 | 5.3 | 39.0 | 41.4 | 41.7 | 31.0 | 31.5 | 31.2 |
| Sarasota | 7.8 | 7.6 | 7.6 | 43.0 | 44.5 | 44.5 | 13.8 | 13.8 | 13.8 |
| Tallahassee | 5.2 | 5.2 | 5.2 | 29.8 | 30.4 | 30.3 | 53.9 | 55.8 | 55.8 |
| Tampa-St. Petersburg-Clearwater | 62.3 | 62.2 | 62.7 | 285.0 | 301.2 | 301.6 | 119.3 | 120.6 | 120.7 |
| West Palm Beach-Boca Raton-DeLray Beach | 25.3 | 26.2 | 25.8 | 123.8 | 123.7 | 123.3 | 47.9 | 48.8 | 49.1 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Total | | | Mining | | | Construction | | |
|------------------------------------|-----------|-----------|------------------------|------------------|------------------|------------------------|--------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Georgia | 2,953.4 | 3,024.8 | 3,040.7 | 7.5 | 7.4 | 7.4 | 119.1 | 122.4 | 123.9 |
| Albany | 49.9 | 51.2 | 50.8 | (²) | (²) | (²) | 2.4 | 2.9 | 2.6 |
| Athens | 68.7 | 70.2 | 70.5 | .1 | .1 | .1 | 2.1 | 2.0 | 2.1 |
| Atlanta | 1,478.0 | 1,537.5 | 1,551.5 | 1.0 | 1.1 | 1.0 | 59.4 | 66.2 | 67.9 |
| Augusta | 181.0 | 182.3 | 182.0 | .5 | .5 | .5 | 11.4 | 12.7 | 12.7 |
| Columbus | 96.0 | 98.2 | 98.5 | .1 | .1 | .1 | 3.6 | 3.2 | 3.4 |
| Macon-Warner Robins | 125.7 | 127.3 | 126.6 | .1 | .1 | .1 | 4.2 | 3.7 | 3.7 |
| Savannah | 113.0 | 119.1 | 119.6 | (²) | (²) | (²) | 5.9 | 5.8 | 5.8 |
| Hawaii | 544.3 | 539.6 | 536.4 | (¹) | (¹) | (¹) | 30.9 | 31.4 | 31.4 |
| Honolulu | 418.7 | 416.0 | 413.5 | (¹) | (¹) | (¹) | 23.9 | 23.1 | 23.1 |
| Idaho | 408.9 | 418.0 | 423.0 | 2.6 | 2.4 | 2.4 | 20.5 | 21.0 | 23.0 |
| Boise City | 115.9 | 119.5 | 120.2 | (¹) | (¹) | (¹) | 7.1 | 6.8 | 6.7 |
| Illinois | 5,187.7 | 5,176.8 | 5,221.2 | 18.2 | 17.0 | 17.1 | 189.3 | 178.2 | 190.5 |
| Aurora-Elgin | 149.6 | 151.8 | 153.9 | (¹) | (¹) | (¹) | 7.5 | 7.0 | 7.6 |
| Bloomington-Normal | 70.6 | 71.9 | 72.2 | (¹) | (¹) | (¹) | 2.2 | 1.9 | 2.0 |
| Champaign-Urbana-Rantoul | 93.4 | 93.0 | 95.0 | (¹) | (¹) | (¹) | 2.7 | 2.6 | 2.8 |
| Chicago | 3,075.5 | 3,073.8 | 3,102.6 | 1.6 | 1.5 | 1.7 | 104.2 | 98.8 | 105.6 |
| Davenport-Rock Island-Moline | 164.6 | 163.6 | 165.0 | (¹) | (¹) | (¹) | 7.8 | 7.2 | 7.8 |
| Decatur | 52.6 | 54.6 | 55.2 | (¹) | (¹) | (¹) | 3.0 | 2.9 | 3.1 |
| Joliet | 114.5 | 115.2 | 116.0 | (¹) | (¹) | (¹) | 7.7 | 7.4 | 7.9 |
| Kankakee | 38.1 | 37.9 | 38.4 | (¹) | (¹) | (¹) | 1.5 | 1.5 | 1.7 |
| Lake County | 232.8 | 232.5 | 236.4 | (¹) | (¹) | (¹) | 11.0 | 10.4 | 11.0 |
| Peoria | 143.7 | 150.4 | 151.5 | (¹) | (¹) | (¹) | 6.7 | 6.3 | 6.8 |
| Rockford | 135.7 | 135.5 | 137.3 | (¹) | (¹) | (¹) | 4.6 | 4.3 | 4.8 |
| Springfield | 107.6 | 107.5 | 108.8 | (¹) | (¹) | (¹) | 4.6 | 4.2 | 4.9 |
| Indiana | 2,524.2 | 2,534.3 | 2,548.3 | 7.1 | 6.4 | 6.6 | 107.5 | 99.5 | 105.5 |
| Anderson | 49.4 | 48.2 | 47.8 | (¹) | (¹) | (¹) | 1.3 | 1.4 | 1.5 |
| Bloomington | 57.3 | 58.1 | 58.9 | (¹) | (¹) | (¹) | 2.7 | 3.1 | 3.0 |
| Elkhart-Goshen | 100.8 | 101.0 | 102.6 | (¹) | (¹) | (¹) | 3.1 | 2.5 | 2.8 |
| Evansville | 137.0 | 139.2 | 140.9 | 1.8 | 1.7 | 1.6 | 8.0 | 7.0 | 8.1 |
| Fort Wayne | 201.4 | 200.3 | 201.5 | (¹) | (¹) | (¹) | 8.7 | 8.2 | 8.8 |
| Gary-Hammond | 242.0 | 241.6 | 242.9 | (¹) | (¹) | (¹) | 14.2 | 13.9 | 14.1 |
| Indianapolis | 669.6 | 676.8 | 680.9 | .8 | .7 | .7 | 32.3 | 30.7 | 32.2 |
| Kokomo | 47.1 | 47.0 | 47.3 | (¹) | (¹) | (¹) | 1.1 | .9 | 1.0 |
| Lafayette-West Lafayette | 71.9 | 72.1 | 72.7 | (¹) | (¹) | (¹) | 2.4 | 2.4 | 2.6 |
| Muncie | 56.8 | 55.4 | 55.5 | (¹) | (¹) | (¹) | 2.1 | 1.6 | 1.8 |
| South Bend-Mishawaka | 117.4 | 117.4 | 118.0 | (¹) | (¹) | (¹) | 5.7 | 5.3 | 5.6 |
| Terre Haute | 60.1 | 59.9 | 60.7 | .3 | .4 | .4 | 3.0 | 2.6 | 2.9 |
| Iowa | 1,254.1 | 1,243.6 | 1,255.1 | 2.2 | 2.0 | 2.2 | 45.7 | 39.4 | 42.4 |
| Cedar Rapids | 95.5 | 95.3 | 95.3 | (¹) | (¹) | (¹) | 4.7 | 4.6 | 4.7 |
| Des Moines | 238.7 | 244.5 | 244.8 | (¹) | (¹) | (¹) | 9.3 | 9.2 | 9.4 |
| Dubuque | 46.8 | 47.3 | 47.1 | (¹) | (¹) | (¹) | 1.7 | 1.5 | 1.6 |
| Iowa City | 58.4 | 58.8 | 58.9 | (¹) | (¹) | (¹) | 1.7 | 1.5 | 1.6 |
| Sioux City | 57.5 | 58.3 | 58.5 | (¹) | (¹) | (¹) | 2.4 | 2.5 | 2.9 |
| Waterloo-Cedar Falls | 72.8 | 73.4 | 73.9 | (¹) | (¹) | (¹) | 2.8 | 2.5 | 2.7 |
| Kansas | 1,125.1 | 1,126.0 | 1,142.1 | 9.2 | 8.3 | 8.5 | 44.6 | 42.1 | 44.9 |
| Lawrence | 40.4 | 40.0 | 40.4 | (¹) | (¹) | (¹) | 1.7 | 1.2 | 1.4 |
| Topeka | 93.2 | 92.3 | 93.2 | (¹) | (¹) | (¹) | 3.6 | 3.1 | 3.3 |
| Wichita | 249.1 | 245.5 | 245.1 | 1.8 | 1.7 | 1.7 | 11.6 | 11.2 | 11.7 |
| Kentucky | 1,504.7 | 1,515.7 | 1,527.0 | 30.3 | 28.3 | 28.1 | 66.3 | 63.9 | 67.1 |
| Lexington-Fayette | 207.8 | 210.2 | 213.8 | .2 | .2 | .2 | 10.2 | 10.5 | 11.3 |
| Louisville | 490.0 | 492.3 | 497.3 | .5 | .5 | .5 | 22.1 | 21.8 | 22.5 |
| Owensboro | 37.6 | 38.0 | 38.3 | .5 | .5 | .4 | 2.1 | 2.1 | 2.2 |
| Louisiana | 1,626.7 | 1,618.6 | 1,617.7 | 48.5 | 43.9 | 44.0 | 98.2 | 97.9 | 99.0 |
| Alexandria | 47.9 | 48.2 | 48.3 | .1 | .1 | .1 | 2.9 | 3.0 | 3.1 |
| Baton Rouge | 249.3 | 251.9 | 251.6 | .9 | .8 | .9 | 29.8 | 30.4 | 30.3 |
| Houma-Thibodaux | 57.4 | 56.0 | 57.1 | 4.6 | 3.9 | 4.4 | 3.3 | 3.0 | 3.2 |
| Lafayette | 99.9 | 99.9 | 100.4 | 10.6 | 10.6 | 10.6 | 5.0 | 4.8 | 4.9 |
| Lake Charles | 71.2 | 70.5 | 71.1 | .9 | .9 | .9 | 8.9 | 8.2 | 8.7 |
| Monroe | 60.9 | 60.8 | 60.7 | .4 | .4 | .4 | 3.0 | 3.1 | 3.1 |
| New Orleans | 537.8 | 536.5 | 536.1 | 14.4 | 12.7 | 11.9 | 22.6 | 22.5 | 22.9 |
| Shreveport | 136.2 | 139.9 | 138.3 | 2.7 | 2.8 | 2.7 | 6.2 | 6.6 | 6.6 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Manufacturing | | | Transportation and public utilities | | | Wholesale and retail trade | | |
|------------------------------------|---------------|-----------|------------------------|-------------------------------------|-----------|------------------------|----------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Georgia | 540.5 | 544.5 | 545.2 | 195.2 | 200.5 | 201.2 | 731.2 | 753.3 | 759.5 |
| Albany | 8.0 | 7.5 | 7.6 | 2.4 | 2.5 | 2.6 | 12.1 | 12.8 | 12.5 |
| Athens | 15.0 | 15.0 | 14.9 | 1.8 | 1.8 | 1.8 | 15.7 | 16.8 | 17.0 |
| Atlanta | 169.1 | 172.9 | 173.2 | 131.0 | 134.2 | 134.7 | 401.1 | 423.9 | 428.2 |
| Augusta | 42.1 | 41.8 | 41.4 | 5.1 | 5.1 | 5.0 | 38.5 | 38.2 | 38.3 |
| Columbus | 20.3 | 21.3 | 21.4 | 3.3 | 3.5 | 3.5 | 21.1 | 20.8 | 21.0 |
| Macon-Warner Robins | 17.9 | 18.5 | 18.5 | 4.8 | 4.9 | 4.9 | 29.1 | 29.2 | 29.3 |
| Savannah | 16.1 | 16.9 | 17.1 | 10.6 | 10.4 | 10.6 | 27.2 | 28.1 | 28.3 |
| Hawaii | 19.4 | 18.8 | 18.5 | 43.0 | 42.4 | 41.8 | 135.5 | 132.9 | 131.7 |
| Honolulu | 14.3 | 13.9 | 13.8 | 35.3 | 34.9 | 34.4 | 101.2 | 100.3 | 99.2 |
| Idaho | 63.2 | 65.8 | 65.9 | 19.9 | 20.3 | 20.2 | 103.9 | 105.6 | 107.0 |
| Boise City | 17.3 | 19.1 | 19.3 | 6.1 | 6.3 | 6.2 | 28.5 | 27.3 | 27.1 |
| Illinois | 909.4 | 919.6 | 920.9 | 298.8 | 299.8 | 300.8 | 1,219.8 | 1,211.2 | 1,220.2 |
| Aurora-Elgin | 35.9 | 38.6 | 38.7 | 3.4 | 3.6 | 3.6 | 37.2 | 37.0 | 37.3 |
| Bloomington-Normal | 7.1 | 7.1 | 7.2 | 2.9 | 2.9 | 2.9 | 15.8 | 15.8 | 16.1 |
| Champaign-Urbana-Rantoul | 10.1 | 10.6 | 10.5 | 2.3 | 2.3 | 2.3 | 19.7 | 19.5 | 19.7 |
| Chicago | 508.8 | 508.5 | 510.5 | 198.7 | 198.0 | 199.3 | 721.6 | 720.7 | 728.5 |
| Davenport-Rock Island-Moline | 27.1 | 26.6 | 26.1 | 7.5 | 7.4 | 7.5 | 47.9 | 48.7 | 48.8 |
| Decatur | 12.3 | 14.1 | 14.2 | 4.8 | 4.8 | 4.8 | 11.7 | 11.9 | 11.9 |
| Joliet | 20.9 | 21.0 | 21.0 | 9.1 | 9.2 | 9.2 | 26.3 | 26.5 | 26.6 |
| Kankakee | 6.3 | 6.2 | 6.2 | 1.5 | 1.5 | 1.5 | 9.4 | 9.4 | 9.4 |
| Lake County | 50.0 | 51.7 | 51.7 | 7.8 | 7.8 | 7.8 | 61.3 | 62.5 | 62.4 |
| Peoria | 24.8 | 31.5 | 31.6 | 7.5 | 7.6 | 7.6 | 35.0 | 35.2 | 35.6 |
| Rockford | 42.0 | 41.6 | 42.6 | 4.8 | 4.8 | 4.8 | 30.3 | 30.3 | 30.5 |
| Springfield | 4.1 | 4.2 | 4.1 | 5.1 | 4.9 | 5.0 | 23.7 | 23.5 | 23.7 |
| Indiana | 622.0 | 626.6 | 627.9 | 130.4 | 128.1 | 127.4 | 591.0 | 586.8 | 591.3 |
| Anderson | 15.3 | 13.7 | 13.2 | 1.1 | 1.2 | 1.1 | 11.4 | 11.2 | 11.2 |
| Bloomington | 8.8 | 8.8 | 8.9 | 1.6 | 1.6 | 1.7 | 12.9 | 13.2 | 13.5 |
| Elkhart-Goshen | 52.5 | 52.5 | 53.3 | 2.8 | 2.6 | 2.5 | 18.5 | 18.6 | 19.1 |
| Evansville | 30.9 | 32.0 | 32.1 | 6.7 | 6.6 | 6.6 | 34.6 | 35.3 | 35.3 |
| Fort Wayne | 50.2 | 51.4 | 51.5 | 13.5 | 13.3 | 13.4 | 48.7 | 47.7 | 47.9 |
| Gary-Hammond | 52.9 | 51.7 | 51.9 | 17.6 | 17.3 | 17.3 | 57.0 | 58.2 | 58.3 |
| Indianapolis | 107.3 | 108.6 | 107.9 | 41.0 | 40.1 | 40.3 | 171.0 | 173.1 | 174.8 |
| Kokomo | 19.0 | 18.1 | 18.0 | 1.3 | 1.3 | 1.3 | 9.9 | 10.2 | 10.4 |
| Lafayette-West Lafayette | 14.0 | 14.8 | 14.9 | 2.1 | 2.2 | 2.2 | 14.3 | 13.9 | 14.0 |
| Muncie | 10.8 | 10.5 | 10.6 | 4.2 | 3.9 | 3.7 | 12.2 | 12.0 | 11.9 |
| South Bend-Mishawaka | 20.0 | 20.6 | 20.6 | 5.5 | 5.4 | 5.4 | 29.4 | 29.4 | 29.5 |
| Terre Haute | 10.6 | 11.4 | 11.5 | 2.6 | 2.5 | 2.4 | 16.5 | 16.3 | 16.8 |
| Iowa | 228.1 | 230.4 | 230.7 | 54.5 | 53.1 | 53.3 | 316.7 | 312.1 | 316.8 |
| Cedar Rapids | 20.6 | 20.4 | 20.4 | 5.5 | 5.2 | 5.2 | 22.7 | 22.7 | 22.6 |
| Des Moines | 24.6 | 24.9 | 25.0 | 12.1 | 12.1 | 12.1 | 62.6 | 63.0 | 63.2 |
| Dubuque | 12.3 | 12.4 | 12.4 | 1.8 | 1.8 | 1.8 | 10.5 | 10.8 | 10.9 |
| Iowa City | 4.5 | 4.4 | 4.4 | 1.6 | 1.5 | 1.5 | 11.2 | 10.8 | 10.8 |
| Sioux City | 11.3 | 11.7 | 11.6 | 3.3 | 3.5 | 3.5 | 14.5 | 14.3 | 14.2 |
| Waterloo-Cedar Falls | 16.0 | 15.8 | 15.8 | 1.9 | 1.9 | 1.9 | 17.2 | 17.5 | 17.6 |
| Kansas | 182.8 | 179.0 | 179.2 | 65.2 | 65.2 | 65.4 | 270.8 | 274.1 | 277.8 |
| Lawrence | 4.7 | 4.8 | 4.8 | 1.0 | .9 | 1.0 | 9.5 | 9.2 | 9.3 |
| Topeka | 9.5 | 9.4 | 9.4 | 5.9 | 6.0 | 6.1 | 20.4 | 20.1 | 20.4 |
| Wichita | 61.1 | 58.2 | 57.8 | 11.7 | 11.6 | 11.5 | 55.8 | 56.2 | 55.8 |
| Kentucky | 285.5 | 289.3 | 289.8 | 81.1 | 81.9 | 82.4 | 350.6 | 352.5 | 354.6 |
| Lexington-Fayette | 32.3 | 33.6 | 33.7 | 8.7 | 8.8 | 8.9 | 46.4 | 46.6 | 47.7 |
| Louisville | 87.5 | 87.3 | 87.1 | 32.3 | 32.9 | 33.2 | 118.2 | 118.3 | 119.6 |
| Owensboro | 6.5 | 6.4 | 6.4 | 2.0 | 2.0 | 2.0 | 9.5 | 9.5 | 9.6 |
| Louisiana | 184.3 | 183.0 | 180.7 | 104.1 | 104.3 | 103.8 | 374.5 | 376.4 | 376.8 |
| Alexandria | 3.3 | 3.4 | 3.4 | 2.3 | 2.5 | 2.5 | 10.4 | 10.4 | 10.4 |
| Baton Rouge | 23.4 | 23.5 | 23.6 | 11.4 | 11.7 | 11.6 | 53.7 | 54.4 | 54.3 |
| Houma-Thibodaux | 4.7 | 4.1 | 4.2 | 5.7 | 5.4 | 5.5 | 14.6 | 14.6 | 14.7 |
| Lafayette | 9.3 | 9.5 | 9.5 | 5.9 | 6.0 | 6.0 | 26.6 | 26.0 | 26.0 |
| Lake Charles | 10.5 | 10.7 | 10.8 | 4.3 | 4.1 | 4.0 | 16.0 | 16.0 | 16.2 |
| Monroe | 8.0 | 8.0 | 8.0 | 2.9 | 2.9 | 2.9 | 14.9 | 15.2 | 15.1 |
| New Orleans | 45.2 | 43.1 | 42.8 | 40.3 | 39.9 | 39.6 | 134.8 | 136.1 | 136.0 |
| Shreveport | 17.0 | 17.0 | 15.4 | 8.0 | 7.9 | 7.8 | 32.2 | 33.9 | 33.8 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Finance, insurance, and real estate | | | Services | | | Government | | |
|------------------------------------|--|--------------|---------------------------|--------------|--------------|---------------------------|--------------|--------------|---------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Georgia | 161.3 | 163.0 | 163.3 | 663.8 | 688.5 | 696.9 | 534.8 | 545.2 | 543.3 |
| Albany | 2.0 | 2.1 | 2.0 | 11.1 | 11.5 | 11.6 | 11.9 | 11.9 | 11.9 |
| Athens | 2.1 | 2.1 | 2.1 | 11.3 | 11.1 | 11.1 | 20.6 | 21.3 | 21.4 |
| Atlanta | 104.7 | 105.2 | 105.2 | 389.5 | 407.0 | 414.8 | 222.2 | 227.0 | 226.5 |
| Augusta | 6.2 | 6.3 | 6.3 | 40.2 | 40.0 | 40.4 | 37.0 | 37.7 | 37.4 |
| Columbus | 6.6 | 7.0 | 7.1 | 21.7 | 21.9 | 21.8 | 19.3 | 20.4 | 20.2 |
| Macon-Warner Robins | 7.5 | 7.9 | 7.9 | 26.9 | 27.2 | 27.3 | 35.2 | 35.8 | 34.9 |
| Savannah | 4.3 | 4.3 | 4.4 | 30.5 | 34.2 | 34.0 | 18.4 | 19.4 | 19.4 |
| Hawaii | 37.6 | 37.5 | 37.2 | 163.3 | 160.4 | 159.9 | 114.6 | 116.2 | 115.9 |
| Honolulu | 30.9 | 30.9 | 30.7 | 118.7 | 118.2 | 117.7 | 94.4 | 94.7 | 94.6 |
| Idaho | 21.1 | 22.1 | 22.2 | 88.6 | 92.1 | 93.0 | 89.1 | 88.7 | 89.3 |
| Boise City | 8.6 | 8.9 | 8.9 | 26.7 | 30.0 | 29.9 | 21.6 | 21.1 | 22.1 |
| Illinois | 375.3 | 376.0 | 377.3 | 1,387.3 | 1,389.1 | 1,406.2 | 789.6 | 785.9 | 788.2 |
| Aurora-Elgin | 9.4 | 9.4 | 9.5 | 38.5 | 38.2 | 39.2 | 17.7 | 18.0 | 18.0 |
| Bloomington-Normal | 11.7 | 12.1 | 12.1 | 16.4 | 17.4 | 17.4 | 14.5 | 14.7 | 14.5 |
| Champaign-Urbana-Rantoul | 3.1 | 3.2 | 3.2 | 18.6 | 18.6 | 18.8 | 36.9 | 36.2 | 37.7 |
| Chicago | 262.5 | 262.3 | 263.5 | 896.7 | 900.5 | 910.1 | 381.4 | 383.5 | 383.4 |
| Davenport-Rock Island-Moline | 8.0 | 7.9 | 7.9 | 39.6 | 39.2 | 40.3 | 26.7 | 26.6 | 26.6 |
| Decatur | 2.3 | 2.4 | 2.4 | 12.7 | 12.5 | 12.7 | 5.8 | 6.0 | 6.1 |
| Joliet | 4.3 | 4.4 | 4.4 | 27.8 | 28.2 | 28.5 | 18.4 | 18.5 | 18.4 |
| Kankakee | 1.7 | 1.7 | 1.7 | 10.4 | 10.5 | 10.6 | 7.3 | 7.1 | 7.3 |
| Lake County | 15.0 | 15.2 | 15.2 | 55.9 | 53.2 | 56.8 | 31.8 | 31.7 | 31.5 |
| Peoria | 8.4 | 8.5 | 8.4 | 43.8 | 43.9 | 44.1 | 17.5 | 17.4 | 17.4 |
| Rockford | 6.1 | 6.2 | 6.2 | 34.7 | 35.2 | 35.2 | 13.2 | 13.1 | 13.2 |
| Springfield | 8.0 | 8.0 | 8.0 | 29.0 | 29.8 | 30.0 | 33.1 | 32.9 | 33.1 |
| Indiana | 126.4 | 129.0 | 129.5 | 546.0 | 560.7 | 562.5 | 393.9 | 397.3 | 397.6 |
| Anderson | 1.6 | 1.5 | 1.5 | 11.5 | 11.4 | 11.6 | 7.2 | 7.8 | 7.8 |
| Bloomington | 2.0 | 2.0 | 2.1 | 10.1 | 9.8 | 10.3 | 19.2 | 19.5 | 19.3 |
| Elkhart-Goshen | 2.6 | 2.5 | 2.5 | 15.3 | 15.3 | 15.6 | 6.1 | 7.0 | 6.9 |
| Evansville | 5.6 | 5.9 | 5.9 | 35.8 | 36.6 | 36.9 | 13.7 | 14.3 | 14.4 |
| Fort Wayne | 12.9 | 11.8 | 11.7 | 47.4 | 47.4 | 47.7 | 19.9 | 20.5 | 20.4 |
| Gary-Hammond | 8.7 | 8.9 | 8.9 | 56.5 | 55.8 | 56.8 | 35.1 | 35.8 | 35.6 |
| Indianapolis | 53.0 | 54.2 | 54.3 | 161.5 | 164.8 | 166.5 | 102.8 | 104.5 | 104.3 |
| Kokomo | 1.4 | 1.6 | 1.6 | 7.8 | 8.1 | 8.2 | 6.5 | 6.8 | 6.8 |
| Lafayette-West Lafayette | 3.1 | 3.1 | 3.1 | 13.6 | 13.3 | 13.4 | 22.3 | 22.4 | 22.5 |
| Muncie | 1.8 | 1.8 | 1.8 | 12.4 | 12.4 | 12.7 | 13.2 | 13.1 | 12.9 |
| South Bend-Mishawaka | 6.7 | 6.7 | 6.7 | 37.5 | 37.1 | 37.3 | 12.6 | 12.8 | 12.9 |
| Terre Haute | 2.2 | 2.3 | 2.3 | 13.6 | 13.6 | 13.7 | 11.3 | 11.0 | 10.8 |
| Iowa | 71.7 | 73.0 | 73.4 | 308.3 | 305.6 | 308.2 | 226.9 | 228.0 | 228.1 |
| Cedar Rapids | 5.0 | 5.0 | 5.1 | 26.0 | 25.6 | 25.6 | 11.0 | 11.8 | 11.7 |
| Des Moines | 32.9 | 34.0 | 34.0 | 64.4 | 68.1 | 68.0 | 32.8 | 33.2 | 33.1 |
| Dubuque | 1.6 | 1.7 | 1.7 | 15.3 | 15.0 | 14.7 | 3.6 | 4.1 | 4.0 |
| Iowa City | 1.6 | 1.6 | 1.6 | 10.7 | 10.9 | 11.0 | 27.1 | 28.1 | 28.0 |
| Sioux City | 2.6 | 2.6 | 2.6 | 16.6 | 16.7 | 16.7 | 6.8 | 7.0 | 7.0 |
| Waterloo-Cedar Falls | 3.7 | 4.1 | 4.0 | 17.4 | 17.9 | 18.1 | 13.8 | 13.7 | 13.8 |
| Kansas | 57.5 | 57.8 | 57.9 | 259.6 | 262.7 | 265.4 | 235.4 | 236.8 | 243.0 |
| Lawrence | 1.7 | 1.8 | 1.8 | 8.7 | 8.6 | 8.7 | 13.1 | 13.5 | 13.4 |
| Topeka | 6.3 | 6.3 | 6.2 | 23.9 | 23.6 | 23.7 | 23.6 | 23.8 | 24.1 |
| Wichita | 11.0 | 11.4 | 11.4 | 64.2 | 64.3 | 64.5 | 31.9 | 30.9 | 30.7 |
| Kentucky | 62.0 | 63.4 | 63.6 | 350.5 | 355.3 | 358.9 | 278.4 | 281.1 | 282.5 |
| Lexington-Fayette | 9.3 | 9.3 | 9.4 | 53.3 | 52.6 | 53.9 | 47.4 | 48.6 | 48.7 |
| Louisville | 27.6 | 28.0 | 28.4 | 134.3 | 135.9 | 138.0 | 67.5 | 67.6 | 68.0 |
| Owensboro | 1.3 | 1.4 | 1.4 | 9.6 | 9.6 | 9.8 | 6.1 | 6.5 | 6.5 |
| Louisiana | 76.8 | 77.1 | 77.0 | 393.6 | 398.6 | 398.9 | 346.7 | 337.4 | 337.5 |
| Alexandria | 2.1 | 2.1 | 2.1 | 13.5 | 13.6 | 13.6 | 13.3 | 13.1 | 13.1 |
| Baton Rouge | 13.9 | 14.2 | 14.2 | 58.0 | 59.3 | 59.2 | 58.2 | 57.6 | 57.5 |
| Houma-Thibodaux | 2.1 | 2.1 | 2.1 | 10.8 | 11.1 | 11.2 | 11.6 | 11.8 | 11.8 |
| Lafayette | 3.9 | 4.0 | 4.0 | 24.9 | 25.2 | 25.6 | 13.7 | 13.8 | 13.8 |
| Lake Charles | 2.6 | 2.7 | 2.7 | 16.2 | 15.4 | 15.3 | 11.8 | 12.5 | 12.5 |
| Monroe | 4.1 | 4.2 | 4.2 | 15.0 | 15.0 | 14.9 | 12.6 | 12.0 | 12.1 |
| New Orleans | 29.2 | 28.8 | 28.8 | 157.1 | 159.1 | 159.6 | 94.2 | 94.3 | 94.5 |
| Shreveport | 6.2 | 6.6 | 6.6 | 35.6 | 36.4 | 36.6 | 28.3 | 28.7 | 28.8 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Total | | | Mining | | | Construction | | |
|------------------------------------|-----------|-----------|------------------------|------------------|------------------|------------------------|--------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Maine | 498.9 | 499.4 | 503.6 | 0.1 | 0.1 | 0.1 | 18.3 | 18.6 | 20.0 |
| Lewiston-Auburn | 36.4 | 36.8 | 37.2 | (²) | (²) | (²) | 1.2 | 1.1 | 1.2 |
| Portland | 120.9 | 120.3 | 121.8 | (²) | (²) | (²) | 4.8 | 4.6 | 5.0 |
| Maryland | 2,076.0 | 2,045.9 | 2,064.8 | 1.2 | 1.1 | 1.1 | 117.6 | 105.2 | 109.3 |
| Baltimore MSA | 1,090.7 | 1,069.7 | 1,078.2 | .2 | .2 | .2 | 55.3 | 49.3 | 51.5 |
| Baltimore City | 423.4 | 413.4 | 414.6 | (¹) | (¹) | (¹) | 12.7 | 11.1 | 11.5 |
| Suburban Maryland-D.C. | 750.2 | 746.8 | 751.7 | (¹) | (¹) | (¹) | 50.5 | 46.6 | 47.5 |
| Massachusetts | 2,771.1 | 2,738.6 | 2,755.5 | 1.1 | 1.0 | 1.1 | 67.2 | 63.8 | 68.9 |
| Boston | 1,548.6 | 1,535.2 | 1,540.5 | .4 | .3 | .3 | 34.2 | 33.2 | 34.8 |
| Brockton | 63.2 | 62.7 | 63.0 | (²) | (²) | (²) | 1.6 | 1.4 | 1.6 |
| Fall River | 48.0 | 48.2 | 48.5 | (²) | (²) | (²) | 1.1 | .9 | .9 |
| Fitchburg-Leominster | 36.7 | 36.4 | 36.6 | (²) | (²) | (²) | .9 | .7 | .8 |
| Lawrence-Haverhill | 148.4 | 148.7 | 149.6 | (²) | (²) | (²) | 3.9 | 4.2 | 4.5 |
| Lowell | 92.9 | 91.0 | 90.8 | (¹) | (¹) | (¹) | 3.1 | 3.0 | 3.3 |
| New Bedford | 59.0 | 58.9 | 59.0 | (²) | (²) | (²) | 1.6 | 1.6 | 1.6 |
| Pittsfield | 37.0 | 37.8 | 38.3 | | .1 | .1 | 1.1 | .9 | 1.2 |
| Springfield | 216.7 | 210.6 | 211.6 | .2 | .1 | .2 | 5.0 | 4.5 | 4.8 |
| Worcester | 185.6 | 182.9 | 184.1 | .2 | .2 | .2 | 4.6 | 4.8 | 5.1 |
| Michigan | 3,895.5 | 3,906.8 | 3,919.9 | 8.7 | 7.9 | 8.4 | 117.1 | 108.9 | 116.9 |
| Ann Arbor | 179.1 | 175.4 | 178.8 | (¹) | (¹) | (¹) | 3.2 | 3.1 | 3.3 |
| Battle Creek | 59.4 | 60.0 | 60.4 | (¹) | (¹) | (¹) | 1.7 | 1.7 | 1.8 |
| Benton Harbor | 66.1 | 65.8 | 66.6 | (¹) | (¹) | (¹) | 1.7 | 1.5 | 1.6 |
| Detroit | 1,868.0 | 1,879.6 | 1,884.5 | .7 | .8 | 1.0 | 51.6 | 48.9 | 51.7 |
| Flint | 164.0 | 162.5 | 162.2 | (¹) | (¹) | (¹) | 4.1 | 4.3 | 4.4 |
| Grand Rapids | 359.0 | 365.3 | 367.8 | (¹) | (¹) | (¹) | 14.6 | 13.8 | 15.1 |
| Jackson | 52.9 | 53.0 | 53.2 | (¹) | (¹) | (¹) | 1.4 | 1.4 | 1.5 |
| Kalamazoo | 114.7 | 115.7 | 116.6 | (¹) | (¹) | (¹) | 3.8 | 3.9 | 4.1 |
| Lansing-East Lansing | 215.6 | 213.6 | 213.5 | (¹) | (¹) | (¹) | 5.8 | 5.6 | 5.6 |
| Muskegon | 56.5 | 55.3 | 55.8 | (¹) | (¹) | (¹) | 2.1 | 1.7 | 1.9 |
| Saginaw-Bay City-Midland | 163.6 | 159.8 | 161.1 | (¹) | (¹) | (¹) | 6.9 | 6.1 | 6.8 |
| Minnesota | 2,165.2 | 2,186.8 | 2,209.5 | 7.6 | 7.1 | 7.4 | 69.3 | 63.2 | 69.7 |
| Duluth | 99.6 | 99.4 | 99.8 | 5.3 | 4.9 | 5.0 | 3.0 | 3.3 | 3.4 |
| Minneapolis-St. Paul | 1,381.7 | 1,401.3 | 1,412.1 | (²) | (²) | (²) | 43.3 | 38.5 | 42.3 |
| Rochester | 67.1 | 67.6 | 67.8 | (¹) | (¹) | (¹) | 2.2 | 2.0 | 2.0 |
| St. Cloud | 83.7 | 86.6 | 88.0 | (¹) | (¹) | (¹) | 3.3 | 3.2 | 3.4 |
| Mississippi | 955.2 | 977.7 | 982.4 | 5.3 | 4.9 | 5.0 | 35.0 | 36.7 | 37.3 |
| Jackson | 188.9 | 190.4 | 190.2 | .5 | .5 | .5 | 7.3 | 6.8 | 6.7 |
| Missouri | 2,317.0 | 2,321.7 | 2,342.6 | 4.7 | 4.3 | 4.3 | 86.6 | 87.5 | 90.4 |
| Kansas City | 781.7 | 788.1 | 790.8 | (¹) | (¹) | (¹) | 30.3 | 30.8 | 31.5 |
| St. Louis | 1,155.5 | 1,151.7 | 1,159.7 | (¹) | (¹) | (¹) | 48.6 | 45.9 | 47.1 |
| Springfield | 126.3 | 126.9 | 128.5 | (¹) | (¹) | (¹) | 4.8 | 4.8 | 5.0 |
| Montana | 312.7 | 316.6 | 319.8 | 5.6 | 5.7 | 5.5 | 12.6 | 11.1 | 12.8 |
| Nebraska | 744.8 | 743.2 | 749.1 | 1.6 | 1.4 | 1.5 | 26.6 | 26.3 | 28.3 |
| Lincoln | 125.0 | 125.4 | 125.7 | (¹) | (¹) | (¹) | 4.4 | 4.3 | 4.8 |
| Omaha | 332.4 | 332.6 | 334.6 | (¹) | (¹) | (¹) | 12.6 | 11.8 | 12.5 |
| Nevada | 632.7 | 852.9 | 856.3 | 12.9 | 12.7 | 12.5 | 37.2 | 43.5 | 44.6 |
| Las Vegas | 387.2 | 403.0 | 405.0 | .3 | .3 | .3 | 25.7 | 31.2 | 31.8 |
| Reno | 143.4 | 145.2 | 146.1 | .9 | .9 | .9 | 6.6 | 7.0 | 7.4 |
| New Hampshire | 478.0 | 483.6 | 482.8 | .4 | .4 | .4 | 14.8 | 14.2 | 15.2 |
| Manchester | 75.0 | 75.0 | 75.3 | (¹) | (¹) | (¹) | 2.6 | 2.6 | 2.6 |
| Nashua | 82.2 | 83.0 | 84.7 | (¹) | (¹) | (¹) | 2.0 | 1.8 | 2.0 |
| Portsmouth-Dover-Rochester | 103.1 | 103.6 | 104.3 | (¹) | (¹) | (¹) | 2.5 | 2.1 | 2.4 |
| New Jersey | 3,427.5 | 3,376.1 | 3,392.5 | 1.9 | 1.7 | 1.8 | 104.9 | 91.1 | 95.3 |
| Atlantic City | 160.1 | 158.2 | 162.1 | (¹) | (¹) | (¹) | 5.4 | 5.2 | 5.4 |
| Bergen-Passaic | 596.0 | 585.0 | 587.8 | (¹) | (¹) | (¹) | 18.7 | 14.5 | 15.8 |
| Camden | 421.3 | 418.0 | 419.6 | (¹) | (¹) | (¹) | 16.6 | 15.0 | 15.7 |
| Jersey City | 226.2 | 221.7 | 219.9 | (¹) | (¹) | (¹) | 3.9 | 3.4 | 3.3 |
| Middlesex-Somerset-Hunterdon | 529.5 | 521.0 | 525.0 | .5 | .5 | .5 | 15.1 | 12.0 | 13.0 |
| Monmouth-Ocean | 315.5 | 311.8 | 313.5 | (¹) | (¹) | (¹) | 12.1 | 10.2 | 10.6 |
| Newark | 870.8 | 865.4 | 869.6 | .5 | .5 | .5 | 26.0 | 24.5 | 25.0 |
| Trenton | 193.0 | 190.4 | 190.2 | (¹) | (¹) | (¹) | 3.4 | 3.2 | 3.3 |
| Vineland-Millville-Bridgeton | 57.0 | 55.7 | 55.9 | .3 | .3 | .3 | 1.8 | 1.4 | 1.5 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Manufacturing | | | Transportation and public utilities | | | Wholesale and retail trade | | |
|------------------------------------|---------------|-----------|------------------------|-------------------------------------|-----------|------------------------|----------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Maine | 90.6 | 90.1 | 90.1 | 20.7 | 21.0 | 20.8 | 120.2 | 121.0 | 123.7 |
| Lewiston-Auburn | 7.9 | 8.0 | 8.1 | 1.4 | 1.3 | 1.3 | 9.1 | 9.2 | 9.6 |
| Portland | 14.2 | 12.8 | 12.7 | 5.6 | 5.6 | 5.7 | 34.8 | 36.0 | 37.1 |
| Maryland | 182.9 | 179.5 | 179.2 | 98.7 | 96.6 | 97.4 | 497.5 | 486.2 | 493.2 |
| Baltimore MSA | 112.1 | 108.8 | 108.5 | 54.0 | 53.1 | 53.4 | 251.6 | 245.4 | 249.1 |
| Baltimore City | 38.6 | 38.5 | 38.3 | 21.5 | 21.5 | 21.4 | 74.1 | 69.2 | 70.4 |
| Suburban Maryland-D.C. | 32.6 | 33.1 | 33.5 | 30.6 | 30.2 | 30.4 | 185.5 | 182.8 | 184.1 |
| Massachusetts | 465.2 | 447.4 | 447.0 | 119.9 | 116.9 | 117.3 | 632.3 | 627.4 | 635.4 |
| Boston | 209.9 | 201.4 | 200.8 | 71.5 | 69.3 | 69.2 | 327.0 | 328.5 | 331.0 |
| Brockton | 8.2 | 8.1 | 8.1 | 4.2 | 4.2 | 4.2 | 20.2 | 19.6 | 19.7 |
| Fall River | 13.1 | 13.4 | 13.5 | 1.8 | 1.8 | 1.8 | 11.9 | 11.5 | 11.6 |
| Fitchburg-Leominster | 10.6 | 10.2 | 10.3 | 1.4 | 1.4 | 1.4 | 9.4 | 9.5 | 9.5 |
| Lawrence-Haverhill | 41.6 | 40.9 | 40.7 | 5.6 | 5.6 | 5.5 | 35.6 | 35.2 | 35.8 |
| Lowell | 28.6 | 26.9 | 26.7 | 4.6 | 4.5 | 4.4 | 20.0 | 19.5 | 19.4 |
| New Bedford | 14.8 | 14.9 | 14.9 | 2.4 | 2.2 | 2.2 | 14.8 | 14.2 | 14.3 |
| Pittsfield | 7.5 | 7.5 | 7.5 | 1.2 | 1.2 | 1.2 | 8.8 | 8.7 | 8.8 |
| Springfield | 42.4 | 40.8 | 40.8 | 8.1 | 7.4 | 7.3 | 48.9 | 46.7 | 47.3 |
| Worcester | 36.3 | 34.8 | 34.9 | 8.9 | 8.6 | 8.5 | 42.4 | 42.3 | 42.6 |
| Michigan | 898.0 | 894.2 | 891.8 | 151.5 | 151.2 | 153.0 | 913.0 | 912.6 | 919.6 |
| Ann Arbor | 37.8 | 34.1 | 35.8 | 4.1 | 4.1 | 4.1 | 30.9 | 30.7 | 30.4 |
| Battle Creek | 16.1 | 16.5 | 16.6 | 1.7 | 1.9 | 1.9 | 12.7 | 12.6 | 12.7 |
| Benton Harbor | 20.0 | 19.9 | 19.6 | 2.7 | 2.9 | 2.9 | 13.7 | 13.6 | 14.0 |
| Detroit | 418.3 | 427.8 | 423.2 | 84.2 | 86.1 | 86.8 | 448.6 | 443.9 | 447.9 |
| Flint | 46.9 | 45.7 | 45.1 | 4.6 | 4.6 | 4.6 | 39.4 | 38.4 | 38.7 |
| Grand Rapids | 98.5 | 100.4 | 100.3 | 13.1 | 13.2 | 13.3 | 93.2 | 93.6 | 94.8 |
| Jackson | 11.8 | 12.1 | 12.0 | 3.5 | 3.5 | 3.5 | 13.0 | 12.8 | 12.9 |
| Kalamazoo | 28.0 | 27.3 | 27.6 | 3.2 | 3.0 | 3.0 | 25.6 | 25.3 | 25.7 |
| Lansing-East Lansing | 30.3 | 27.9 | 27.9 | 6.4 | 6.5 | 6.5 | 46.3 | 46.3 | 46.8 |
| Muskegon | 15.2 | 14.8 | 14.7 | 2.2 | 2.2 | 2.2 | 13.3 | 12.9 | 13.2 |
| Saginaw-Bay City-Midland | 42.7 | 41.3 | 40.8 | 6.4 | 6.3 | 6.3 | 39.9 | 39.0 | 39.6 |
| Minnesota | 390.2 | 392.0 | 392.5 | 110.2 | 107.0 | 107.8 | 517.5 | 519.0 | 525.6 |
| Duluth | 8.2 | 8.4 | 8.4 | 5.8 | 5.6 | 5.6 | 25.2 | 24.9 | 24.7 |
| Minneapolis-St. Paul | 256.0 | 257.0 | 256.4 | 77.6 | 75.5 | 75.9 | 324.5 | 328.5 | 331.0 |
| Rochester | 11.3 | 11.9 | 11.9 | 2.1 | 2.1 | 2.1 | 13.5 | 13.4 | 13.3 |
| St. Cloud | 14.9 | 15.3 | 15.5 | 4.1 | 4.1 | 4.2 | 24.6 | 25.5 | 26.0 |
| Mississippi | 251.4 | 252.0 | 251.8 | 44.4 | 44.7 | 45.1 | 198.5 | 200.6 | 201.5 |
| Jackson | 22.4 | 21.6 | 21.2 | 12.6 | 12.6 | 12.6 | 44.3 | 45.2 | 45.2 |
| Missouri | 411.7 | 407.0 | 406.4 | 151.2 | 151.1 | 151.9 | 548.8 | 545.3 | 550.0 |
| Kansas City | 104.3 | 102.8 | 103.0 | 64.2 | 64.1 | 64.2 | 193.6 | 196.8 | 197.2 |
| St. Louis | 201.9 | 196.5 | 196.6 | 77.0 | 76.8 | 77.0 | 273.1 | 272.7 | 273.6 |
| Springfield | 20.4 | 20.1 | 20.2 | 7.3 | 7.6 | 7.6 | 35.8 | 35.3 | 36.1 |
| Montana | 21.7 | 22.3 | 22.1 | 20.0 | 19.7 | 20.0 | 82.9 | 84.8 | 85.6 |
| Nebraska | 99.5 | 101.6 | 101.1 | 47.0 | 47.0 | 47.2 | 188.3 | 186.1 | 187.3 |
| Lincoln | 14.7 | 14.9 | 14.9 | 7.4 | 7.2 | 7.2 | 26.8 | 27.1 | 26.5 |
| Omaha | 34.6 | 34.9 | 34.3 | 23.7 | 23.5 | 23.7 | 83.8 | 83.2 | 83.9 |
| Nevada | 25.5 | 26.7 | 26.8 | 32.2 | 33.2 | 33.3 | 127.8 | 130.8 | 131.5 |
| Las Vegas | 10.5 | 11.3 | 11.3 | 19.8 | 20.2 | 20.2 | 79.6 | 80.9 | 81.4 |
| Reno | 8.8 | 9.2 | 9.3 | 9.3 | 9.6 | 9.6 | 33.0 | 33.3 | 33.4 |
| New Hampshire | 97.6 | 96.5 | 97.1 | 16.8 | 17.4 | 17.1 | 119.1 | 120.5 | 119.8 |
| Manchester | 9.9 | 9.9 | 10.1 | 4.2 | 4.4 | 4.4 | 18.6 | 18.6 | 18.6 |
| Nashua | 28.5 | 28.1 | 28.5 | 2.7 | 3.1 | 3.2 | 19.6 | 19.6 | 19.8 |
| Portsmouth-Dover-Rochester | 19.9 | 18.8 | 18.9 | 3.0 | 3.0 | 2.8 | 24.8 | 25.8 | 25.9 |
| New Jersey | 529.6 | 506.5 | 508.5 | 227.3 | 228.8 | 229.2 | 797.2 | 778.8 | 779.7 |
| Atlantic City | 6.8 | 6.7 | 7.0 | 6.9 | 7.1 | 7.3 | 32.1 | 30.1 | 32.4 |
| Bergen-Passaic | 117.5 | 112.2 | 112.7 | 27.6 | 27.2 | 27.6 | 166.6 | 163.8 | 161.8 |
| Camden | 58.1 | 58.2 | 57.8 | 19.0 | 18.3 | 17.7 | 111.0 | 108.7 | 109.2 |
| Jersey City | 32.0 | 30.6 | 30.7 | 27.7 | 26.6 | 26.3 | 57.9 | 55.4 | 55.0 |
| Middlesex-Somerset-Hunterdon | 98.3 | 91.8 | 92.8 | 42.7 | 43.7 | 44.3 | 126.2 | 122.1 | 122.2 |
| Monmouth-Ocean | 21.3 | 20.4 | 20.3 | 14.9 | 15.2 | 15.5 | 82.4 | 82.6 | 82.6 |
| Newark | 140.5 | 139.2 | 138.9 | 74.4 | 74.6 | 76.4 | 170.9 | 167.0 | 166.8 |
| Trenton | 25.2 | 24.3 | 24.1 | 7.1 | 7.0 | 7.1 | 29.0 | 27.9 | 27.6 |
| Vineland-Millville-Bridgeton | 14.5 | 13.9 | 13.9 | 2.2 | 2.2 | 2.2 | 10.4 | 10.5 | 10.4 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Finance, insurance, and real estate | | | Services | | | Government | | |
|------------------------------------|--|--------------|---------------------------|--------------|--------------|---------------------------|--------------|--------------|---------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Maine | 24.2 | 23.7 | 23.7 | 125.7 | 126.1 | 127.2 | 99.1 | 98.8 | 98.0 |
| Lewiston-Auburn | 1.9 | 2.0 | 2.0 | 10.6 | 10.8 | 10.7 | 4.3 | 4.4 | 4.3 |
| Portland | 11.9 | 11.5 | 11.5 | 33.4 | 32.7 | 33.3 | 16.2 | 17.1 | 16.5 |
| Maryland | 128.1 | 127.4 | 127.8 | 629.9 | 627.9 | 634.0 | 420.1 | 422.0 | 422.8 |
| Baltimore MSA | 74.1 | 73.5 | 73.5 | 333.6 | 330.4 | 332.3 | 209.8 | 209.0 | 209.7 |
| Baltimore City | 39.4 | 38.3 | 38.5 | 145.8 | 145.3 | 144.8 | 91.3 | 89.5 | 89.7 |
| Suburban Maryland-D.C. | 45.8 | 46.0 | 46.1 | 237.9 | 238.0 | 240.6 | 167.3 | 170.1 | 169.5 |
| Massachusetts | 195.6 | 193.1 | 192.4 | 903.5 | 907.3 | 912.7 | 386.3 | 381.7 | 380.7 |
| Boston | 135.4 | 134.2 | 133.9 | 579.9 | 583.2 | 585.6 | 190.3 | 185.1 | 184.9 |
| Brockton | 2.7 | 2.6 | 2.6 | 15.1 | 15.6 | 15.6 | 11.2 | 11.2 | 11.2 |
| Fall River | 3.0 | 3.0 | 3.0 | 10.4 | 11.2 | 11.3 | 6.7 | 6.4 | 6.4 |
| Fitchburg-Leominster | 1.4 | 1.4 | 1.4 | 8.7 | 8.8 | 8.9 | 4.3 | 4.4 | 4.3 |
| Lawrence-Haverhill | 5.1 | 5.2 | 5.2 | 36.6 | 37.1 | 37.5 | 20.0 | 20.5 | 20.4 |
| Lowell | 2.6 | 2.7 | 2.6 | 21.0 | 21.5 | 21.6 | 13.0 | 12.9 | 12.8 |
| New Bedford | 2.1 | 2.0 | 2.0 | 13.7 | 14.4 | 14.3 | 9.6 | 9.6 | 9.7 |
| Pittsfield | 1.7 | 1.7 | 1.7 | 11.8 | 12.7 | 12.7 | 4.8 | 5.0 | 5.1 |
| Springfield | 14.5 | 14.0 | 13.9 | 61.5 | 61.7 | 62.3 | 36.1 | 35.4 | 35.0 |
| Worcester | 13.8 | 13.9 | 13.9 | 50.4 | 50.7 | 51.3 | 29.0 | 27.6 | 27.6 |
| Michigan | 187.7 | 186.3 | 186.8 | 962.9 | 984.5 | 989.5 | 656.6 | 661.2 | 653.9 |
| Ann Arbor | 4.8 | 4.8 | 4.8 | 39.0 | 39.2 | 39.5 | 59.4 | 59.4 | 60.8 |
| Battle Creek | 3.1 | 3.1 | 3.1 | 12.5 | 12.9 | 12.8 | 11.5 | 11.4 | 11.5 |
| Benton Harbor | 2.6 | 2.6 | 2.6 | 16.1 | 15.9 | 16.3 | 9.3 | 9.5 | 9.5 |
| Detroit | 107.8 | 105.6 | 105.2 | 517.9 | 523.9 | 529.4 | 238.9 | 242.7 | 239.3 |
| Flint | 5.9 | 5.8 | 5.8 | 38.2 | 39.2 | 39.3 | 24.9 | 24.6 | 24.3 |
| Grand Rapids | 16.4 | 16.8 | 16.8 | 86.2 | 89.1 | 89.4 | 37.1 | 38.4 | 37.8 |
| Jackson | 1.8 | 1.6 | 1.6 | 11.2 | 11.3 | 11.5 | 10.3 | 10.4 | 10.2 |
| Kalamazoo | 6.1 | 6.6 | 6.5 | 29.1 | 30.0 | 30.3 | 18.9 | 19.8 | 19.5 |
| Lansing-East Lansing | 12.3 | 12.5 | 12.6 | 44.3 | 46.0 | 46.5 | 20.3 | 20.3 | 20.3 |
| Muskegon | 1.7 | 1.8 | 1.8 | 12.3 | 12.3 | 12.6 | 9.6 | 9.6 | 9.4 |
| Saginaw-Bay City-Midland | 6.1 | 6.0 | 6.0 | 39.4 | 39.2 | 39.7 | 22.3 | 22.0 | 21.9 |
| Minnesota | 127.9 | 131.8 | 132.6 | 584.4 | 608.0 | 614.6 | 358.1 | 358.7 | 359.3 |
| Duluth | 3.4 | 3.5 | 3.5 | 26.5 | 27.1 | 27.2 | 22.2 | 21.7 | 22.0 |
| Minneapolis-St. Paul | 100.1 | 103.3 | 103.8 | 383.5 | 400.5 | 404.5 | 196.3 | 197.7 | 197.9 |
| Rochester | 1.8 | 1.8 | 1.8 | 29.0 | 29.2 | 29.5 | 7.2 | 7.2 | 7.2 |
| St. Cloud | 2.6 | 2.7 | 2.8 | 19.7 | 20.7 | 20.9 | 14.5 | 15.1 | 15.2 |
| Mississippi | 38.2 | 38.4 | 38.4 | 172.1 | 184.8 | 186.3 | 210.3 | 215.6 | 217.0 |
| Jackson | 14.3 | 14.4 | 14.3 | 46.5 | 47.0 | 47.6 | 41.0 | 42.3 | 42.1 |
| Missouri | 135.5 | 136.6 | 137.5 | 597.5 | 605.1 | 614.1 | 381.0 | 384.8 | 388.0 |
| Kansas City | 59.3 | 60.9 | 60.7 | 202.8 | 204.0 | 205.8 | 127.2 | 128.7 | 128.4 |
| St. Louis | 72.1 | 72.7 | 73.0 | 333.4 | 337.1 | 341.2 | 149.4 | 150.0 | 151.2 |
| Springfield | 5.5 | 5.7 | 5.7 | 36.2 | 36.7 | 37.0 | 16.3 | 16.7 | 16.9 |
| Montana | 14.3 | 14.4 | 14.5 | 80.0 | 83.1 | 83.5 | 75.6 | 75.5 | 75.8 |
| Nebraska | 49.1 | 48.5 | 48.7 | 184.3 | 184.0 | 185.9 | 148.4 | 148.3 | 149.1 |
| Lincoln | 8.7 | 8.5 | 8.5 | 29.7 | 29.3 | 29.6 | 33.3 | 34.1 | 34.2 |
| Omaha | 28.6 | 28.3 | 28.4 | 100.3 | 102.5 | 103.0 | 48.8 | 48.4 | 48.8 |
| Nevada | 28.9 | 30.5 | 30.6 | 281.9 | 285.0 | 286.7 | 86.3 | 90.5 | 90.3 |
| Las Vegas | 19.2 | 20.7 | 20.8 | 187.0 | 191.0 | 192.1 | 45.1 | 47.4 | 47.1 |
| Reno | 7.1 | 7.1 | 7.2 | 57.6 | 57.5 | 57.6 | 20.1 | 20.6 | 20.7 |
| New Hampshire | 29.2 | 28.9 | 28.9 | 125.2 | 130.3 | 129.4 | 74.9 | 75.4 | 74.9 |
| Manchester | 8.0 | 8.0 | 7.9 | 22.7 | 22.6 | 22.9 | 9.0 | 8.9 | 8.8 |
| Nashua | 3.1 | 3.2 | 3.2 | 18.5 | 19.5 | 20.3 | 7.8 | 7.7 | 7.7 |
| Portsmouth-Dover-Rochester | 6.5 | 6.8 | 6.8 | 21.4 | 22.2 | 22.8 | 25.0 | 24.9 | 24.7 |
| New Jersey | 225.0 | 224.6 | 225.3 | 965.8 | 968.0 | 975.7 | 575.8 | 576.6 | 577.0 |
| Atlantic City | 6.0 | 5.8 | 5.8 | 74.8 | 74.7 | 75.7 | 28.1 | 28.6 | 28.5 |
| Bergen-Passaic | 33.6 | 33.2 | 33.0 | 161.0 | 162.3 | 163.9 | 71.0 | 71.8 | 73.0 |
| Camden | 22.6 | 22.2 | 22.3 | 115.8 | 117.2 | 118.8 | 78.2 | 78.4 | 78.1 |
| Jersey City | 18.4 | 19.7 | 19.4 | 45.9 | 45.3 | 44.7 | 40.4 | 40.7 | 40.5 |
| Middlesex-Somerset-Hunterdon | 41.6 | 42.3 | 42.4 | 127.4 | 129.6 | 130.7 | 77.7 | 79.0 | 79.1 |
| Monmouth-Ocean | 18.2 | 18.3 | 18.3 | 101.2 | 99.8 | 101.3 | 65.4 | 65.3 | 64.9 |
| Newark | 68.4 | 66.9 | 67.9 | 254.2 | 254.1 | 254.9 | 135.9 | 138.6 | 139.2 |
| Trenton | 10.6 | 10.6 | 10.5 | 61.8 | 61.8 | 62.0 | 55.9 | 55.6 | 55.6 |
| Vineland-Milville-Bridgeton | 4.0 | 3.7 | 3.6 | 10.9 | 10.8 | 11.0 | 12.9 | 12.9 | 13.0 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Total | | | Mining | | | Construction | | |
|---|-----------|-----------|------------------------|------------------|------------------|------------------------|--------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| New Mexico | 596.1 | 601.5 | 606.5 | 14.8 | 14.4 | 14.5 | 29.3 | 30.5 | 31.6 |
| Albuquerque | 253.5 | 254.1 | 255.2 | (¹) | (¹) | (¹) | 12.4 | 12.1 | 12.3 |
| Las Cruces | 45.0 | 44.7 | 44.6 | (¹) | (¹) | (¹) | 2.4 | 2.5 | 2.6 |
| Santa Fe | 62.8 | 64.8 | 64.7 | (¹) | (¹) | (¹) | 2.7 | 2.7 | 2.8 |
| New York | 7,715.6 | 7,638.0 | 7,668.2 | 4.7 | 4.4 | 4.8 | 233.6 | 212.2 | 224.1 |
| Albany-Schenectady-Troy | 419.3 | 421.9 | 423.4 | .4 | .4 | .4 | 14.0 | 12.5 | 13.6 |
| Binghamton | 114.2 | 112.1 | 112.4 | (¹) | (¹) | (¹) | 4.0 | 3.8 | 3.9 |
| Buffalo | 443.7 | 441.4 | 441.8 | (¹) | (¹) | (¹) | 14.6 | 12.4 | 13.6 |
| Elmira | 39.3 | 39.0 | 39.2 | (¹) | (¹) | (¹) | 1.1 | .9 | 1.1 |
| Glens Falls | 45.7 | 45.2 | 45.6 | (¹) | (¹) | (¹) | 1.8 | 1.4 | 1.6 |
| Nassau-Suffolk | 1,048.4 | 1,033.6 | 1,039.9 | (¹) | (¹) | (¹) | 38.7 | 35.5 | 37.5 |
| New York PMSA | 3,784.8 | 3,737.3 | 3,739.8 | (¹) | (¹) | (¹) | 106.5 | 97.3 | 98.0 |
| New York City | 3,293.7 | 3,257.0 | 3,258.0 | .4 | .4 | .4 | 86.5 | 79.5 | 79.2 |
| Niagara Falls | 79.8 | 78.9 | 79.6 | (¹) | (¹) | (¹) | 3.0 | 2.4 | 2.8 |
| Orange County | 106.6 | 105.0 | 105.7 | (¹) | (¹) | (¹) | 3.4 | 3.2 | 3.3 |
| Poughkeepsie | 109.6 | 104.4 | 104.5 | (¹) | (¹) | (¹) | 4.4 | 4.0 | 4.2 |
| Rochester | 483.1 | 477.7 | 481.6 | .6 | .6 | .6 | 14.3 | 13.4 | 14.3 |
| Rockland County | 96.2 | 94.7 | 94.8 | (¹) | (¹) | (¹) | 2.9 | 3.0 | 3.2 |
| Syracuse | 303.6 | 302.0 | 303.5 | (¹) | (¹) | (¹) | 11.9 | 11.2 | 12.1 |
| Utica-Rome | 122.3 | 121.8 | 122.6 | (¹) | (¹) | (¹) | 2.8 | 2.4 | 2.6 |
| Westchester County | 376.7 | 367.6 | 368.8 | (¹) | (¹) | (¹) | 15.5 | 13.6 | 14.3 |
| North Carolina | 3,111.4 | 3,170.8 | 3,189.4 | 3.4 | 3.5 | 3.5 | 141.9 | 143.7 | 146.0 |
| Asheville | 88.3 | 90.2 | 91.6 | (¹) | (¹) | (¹) | 4.0 | 3.8 | 4.0 |
| Charlotte-Gastonia-Rock Hill | 618.2 | 628.5 | 632.7 | (¹) | (¹) | (¹) | 30.5 | 31.4 | 31.5 |
| Greensboro-Winston-Salem-High Point | 495.2 | 508.0 | 509.2 | (¹) | (¹) | (¹) | 20.8 | 21.7 | 21.8 |
| Raleigh-Durham | 448.4 | 463.2 | 466.8 | (¹) | (¹) | (¹) | 19.5 | 19.3 | 19.6 |
| North Dakota | 274.9 | 277.0 | 279.8 | 3.8 | 3.6 | 3.6 | 9.7 | 8.6 | 9.9 |
| Bismarck | 42.4 | 42.5 | 43.2 | (¹) | (¹) | (¹) | 2.1 | 1.8 | 2.1 |
| Fargo-Moorhead | 82.0 | 82.6 | 83.9 | (¹) | (¹) | (¹) | 3.7 | 3.3 | 3.8 |
| Grand Forks | 32.9 | 33.5 | 33.6 | (¹) | (¹) | (¹) | 1.2 | 1.1 | 1.3 |
| Ohio | 4,821.5 | 4,813.9 | 4,845.8 | 14.6 | 13.2 | 13.5 | 169.0 | 164.4 | 174.7 |
| Akron | 284.3 | 289.0 | 291.9 | .5 | .4 | .5 | 9.3 | 9.0 | 9.8 |
| Canton | 165.8 | 164.7 | 166.9 | .7 | .7 | .7 | 6.4 | 6.3 | 6.8 |
| Cincinnati | 740.9 | 742.4 | 752.3 | .3 | .4 | .4 | 33.3 | 32.7 | 34.5 |
| Cleveland | 912.5 | 909.2 | 915.0 | .6 | .7 | .7 | 28.9 | 27.9 | 29.5 |
| Columbus | 722.3 | 727.2 | 731.0 | .7 | .6 | .6 | 26.2 | 25.6 | 26.7 |
| Dayton-Springfield | 442.7 | 442.9 | 442.0 | .5 | .5 | .5 | 13.4 | 13.3 | 14.1 |
| Toledo | 283.0 | 283.9 | 286.6 | .2 | .2 | .2 | 9.8 | 9.4 | 10.0 |
| Youngstown-Warren | 194.0 | 193.7 | 194.9 | .4 | .4 | .4 | 6.3 | 6.1 | 6.7 |
| Oklahoma | 1,219.0 | 1,218.7 | 1,223.2 | 38.1 | 35.7 | 35.8 | 38.7 | 38.7 | 39.1 |
| Enid | 22.2 | 22.8 | 22.7 | .8 | .9 | .9 | .7 | .7 | .7 |
| Lawton | 36.8 | 37.7 | 37.5 | .1 | .1 | .1 | 1.1 | 1.1 | 1.1 |
| Oklahoma City | 437.9 | 439.5 | 441.1 | 9.1 | 8.5 | 8.5 | 13.4 | 13.6 | 13.7 |
| Tulsa | 326.3 | 324.8 | 325.8 | 10.2 | 9.8 | 9.8 | 11.6 | 11.6 | 11.7 |
| Oregon | 1,261.8 | 1,273.4 | 1,280.9 | 1.5 | 1.4 | 1.4 | 47.4 | 47.0 | 48.0 |
| Eugene-Springfield | 116.5 | 116.8 | 118.0 | .2 | .1 | .2 | 4.0 | 4.0 | 4.2 |
| Medford | 55.8 | 56.5 | 56.3 | .1 | .1 | .1 | 2.0 | 1.9 | 2.0 |
| Portland | 647.4 | 650.9 | 654.2 | .6 | .5 | .5 | 25.4 | 25.7 | 25.2 |
| Salem | 110.6 | 111.3 | 111.9 | .1 | .1 | .1 | 4.6 | 4.8 | 4.9 |
| Pennsylvania | 5,065.8 | 5,039.9 | 5,084.0 | 23.5 | 21.2 | 21.4 | 190.1 | 169.2 | 184.3 |
| Allentown-Bethlehem | 282.2 | 278.3 | 282.5 | .5 | .4 | .5 | 9.5 | 9.6 | 10.1 |
| Altoona | 53.0 | 54.1 | 54.6 | (¹) | (¹) | (¹) | 2.1 | 2.2 | 2.4 |
| Beaver County | 51.0 | 50.3 | 50.6 | (¹) | (¹) | (¹) | 2.4 | 2.0 | 2.2 |
| Erie | 120.9 | 121.9 | 124.6 | (¹) | (¹) | (¹) | 4.0 | 3.9 | 4.6 |
| Harrisburg-Lebanon-Carlisle | 314.2 | 311.0 | 314.3 | (¹) | (¹) | (¹) | 12.7 | 11.4 | 12.5 |
| Johnstown | 81.1 | 82.2 | 82.7 | (¹) | (¹) | (¹) | 5.5 | 4.9 | 5.3 |
| Lancaster | 193.4 | 191.8 | 194.4 | .4 | .4 | .4 | 10.3 | 9.7 | 10.4 |
| Philadelphia PMSA | 2,102.0 | 2,070.2 | 2,083.2 | (¹) | (¹) | (¹) | 73.2 | 65.4 | 68.3 |
| Philadelphia City | 702.7 | 681.1 | 685.4 | (¹) | (¹) | (¹) | 12.2 | 10.0 | 10.4 |
| Pittsburgh | 914.6 | 907.4 | 916.5 | 4.2 | 3.5 | 3.7 | 41.3 | 37.2 | 39.9 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Manufacturing | | | Transportation and public utilities | | | Wholesale and retail trade | | |
|---|---------------|-----------|------------------------|-------------------------------------|-----------|------------------------|----------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| New Mexico | 39.8 | 39.7 | 39.6 | 28.7 | 28.8 | 28.5 | 140.1 | 140.3 | 142.9 |
| Albuquerque | 18.9 | 19.7 | 19.4 | 12.2 | 12.1 | 12.1 | 81.3 | 60.3 | 60.7 |
| Las Cruces | 2.7 | 2.5 | 2.5 | 1.5 | 1.6 | 1.6 | 9.6 | 9.5 | 9.6 |
| Santa Fe | 1.8 | 1.9 | 1.9 | 1.1 | 1.1 | 1.1 | 12.6 | 13.0 | 13.2 |
| New York | 1,018.7 | 986.4 | 981.8 | 398.0 | 389.3 | 391.2 | 1,546.7 | 1,524.0 | 1,528.4 |
| Albany-Schenectady-Troy | 44.5 | 45.3 | 45.3 | 16.1 | 16.0 | 16.0 | 84.4 | 84.6 | 84.7 |
| Binghamton | 30.2 | 28.7 | 28.7 | 4.3 | 4.4 | 4.4 | 23.8 | 23.9 | 24.0 |
| Buffalo | 70.8 | 89.0 | 68.8 | 21.1 | 20.7 | 20.8 | 110.5 | 109.7 | 109.8 |
| Elmira | 8.4 | 8.4 | 8.4 | 1.3 | 1.4 | 1.3 | 9.4 | 9.4 | 9.4 |
| Glens Falls | 9.5 | 9.3 | 9.3 | 1.4 | 1.4 | 1.4 | 9.8 | 10.1 | 10.1 |
| Nassau-Suffolk | 127.0 | 122.2 | 121.1 | 47.4 | 45.7 | 45.8 | 287.5 | 261.7 | 263.0 |
| New York PMSA | 360.3 | 350.5 | 348.9 | 230.6 | 225.8 | 228.0 | 652.7 | 641.2 | 639.8 |
| New York City | 293.3 | 287.4 | 286.6 | 204.9 | 200.4 | 200.7 | 546.4 | 537.7 | 536.6 |
| Niagara Falls | 20.7 | 20.2 | 20.2 | 4.3 | 4.2 | 4.4 | 19.1 | 19.0 | 19.2 |
| Orange County | 12.9 | 12.5 | 12.5 | 6.3 | 6.4 | 6.4 | 27.1 | 26.9 | 27.0 |
| Poughkeepsie | 24.4 | 21.2 | 20.5 | 3.8 | 3.7 | 3.7 | 19.8 | 19.4 | 19.6 |
| Rochester | 127.6 | 124.7 | 123.8 | 15.7 | 15.6 | 15.6 | 99.3 | 99.9 | 100.7 |
| Rockland County | 14.2 | 13.9 | 13.5 | 5.5 | 5.5 | 5.5 | 20.6 | 20.2 | 20.3 |
| Syracuse | 47.8 | 46.8 | 46.6 | 18.8 | 18.4 | 18.4 | 69.8 | 69.3 | 69.4 |
| Utica-Rome | 21.1 | 20.6 | 20.8 | 4.2 | 4.2 | 4.2 | 25.1 | 25.3 | 25.6 |
| Westchester County | 50.9 | 47.2 | 46.6 | 19.6 | 19.1 | 19.2 | 81.7 | 79.1 | 78.8 |
| North Carolina | 826.9 | 836.2 | 835.7 | 151.9 | 153.4 | 154.5 | 701.2 | 712.3 | 717.1 |
| Asheville | 19.8 | 20.5 | 20.4 | 4.4 | 4.5 | 4.6 | 20.8 | 20.9 | 21.4 |
| Charlotte-Gastonia-Rock Hill | 143.3 | 142.5 | 144.7 | 49.9 | 50.4 | 50.4 | 149.7 | 152.4 | 152.5 |
| Greensboro-Winston-Salem-High Point | 142.5 | 144.5 | 144.1 | 26.8 | 27.2 | 27.1 | 110.8 | 112.1 | 112.5 |
| Raleigh-Durham | 64.3 | 65.9 | 66.1 | 22.2 | 22.4 | 22.3 | 90.3 | 92.7 | 92.7 |
| North Dakota | 17.8 | 18.8 | 18.8 | 17.4 | 17.3 | 17.4 | 72.5 | 72.2 | 73.3 |
| Bismarck | 2.3 | 2.2 | 2.2 | 3.0 | 3.0 | 3.1 | 10.6 | 10.5 | 10.7 |
| Fargo-Moorhead | 5.7 | 5.5 | 5.7 | 4.6 | 4.8 | 4.8 | 23.8 | 24.4 | 24.7 |
| Grand Forks | 1.7 | 1.9 | 1.8 | 1.7 | 1.8 | 1.8 | 9.5 | 9.4 | 9.4 |
| Ohio | 1,051.4 | 1,040.1 | 1,039.1 | 210.2 | 207.2 | 207.7 | 1,146.2 | 1,142.1 | 1,151.9 |
| Akron | 61.6 | 63.3 | 63.3 | 13.0 | 13.2 | 13.3 | 68.2 | 68.8 | 69.2 |
| Canton | 43.4 | 42.4 | 42.6 | 5.4 | 5.4 | 5.4 | 40.8 | 40.7 | 41.2 |
| Cincinnati | 142.4 | 138.1 | 139.9 | 39.7 | 39.6 | 39.7 | 187.4 | 188.5 | 190.5 |
| Cleveland | 187.9 | 183.7 | 183.7 | 38.7 | 37.5 | 37.6 | 215.8 | 213.8 | 215.6 |
| Columbus | 100.8 | 99.8 | 100.0 | 30.9 | 30.7 | 30.5 | 181.7 | 183.9 | 184.3 |
| Dayton-Springfield | 96.6 | 93.5 | 93.1 | 17.3 | 17.7 | 17.8 | 100.7 | 99.8 | 101.0 |
| Toledo | 54.5 | 54.1 | 54.2 | 13.9 | 14.0 | 14.1 | 68.5 | 68.2 | 69.2 |
| Youngstown-Warren | 44.3 | 45.0 | 44.6 | 7.0 | 6.9 | 6.8 | 52.2 | 51.0 | 51.8 |
| Oklahoma | 164.7 | 163.1 | 164.2 | 70.1 | 69.5 | 69.6 | 284.9 | 285.0 | 286.2 |
| Enid | 1.5 | 1.6 | 1.8 | 2.1 | 2.2 | 2.2 | 6.2 | 6.1 | 6.1 |
| Lawton | 3.4 | 3.4 | 3.4 | 1.9 | 2.0 | 2.0 | 8.4 | 8.5 | 8.6 |
| Oklahoma City | 47.1 | 48.1 | 48.0 | 21.4 | 21.5 | 21.6 | 105.5 | 105.8 | 106.6 |
| Tulsa | 54.1 | 52.8 | 53.2 | 26.2 | 26.0 | 26.1 | 76.3 | 76.2 | 76.5 |
| Oregon | 203.8 | 202.5 | 202.3 | 65.0 | 64.8 | 64.9 | 314.4 | 316.0 | 318.7 |
| Eugene-Springfield | 17.7 | 17.4 | 17.5 | 4.5 | 4.4 | 4.4 | 29.7 | 29.3 | 29.8 |
| Medford | 8.7 | 8.3 | 8.2 | 2.8 | 2.8 | 2.8 | 16.1 | 16.1 | 16.1 |
| Portland | 101.2 | 100.4 | 100.8 | 38.6 | 38.0 | 38.4 | 165.0 | 165.3 | 166.5 |
| Salem | 13.8 | 13.6 | 13.3 | 3.2 | 3.5 | 3.5 | 24.8 | 24.4 | 24.8 |
| Pennsylvania | 949.0 | 929.3 | 930.2 | 261.7 | 265.0 | 265.8 | 1,140.3 | 1,142.1 | 1,152.2 |
| Allentown-Bethlehem | 71.0 | 89.1 | 68.8 | 14.1 | 14.0 | 14.2 | 60.3 | 59.2 | 60.2 |
| Altoona | 9.4 | 9.7 | 9.7 | 4.8 | 4.9 | 4.9 | 14.1 | 14.0 | 14.0 |
| Beaver County | 9.3 | 9.2 | 9.3 | 4.8 | 4.7 | 4.7 | 11.5 | 10.9 | 11.0 |
| Erie | 34.2 | 34.8 | 35.1 | 4.0 | 4.0 | 4.1 | 26.0 | 25.6 | 26.2 |
| Harrisburg-Lebanon-Carlisle | 47.0 | 46.1 | 46.3 | 19.7 | 19.8 | 19.9 | 69.4 | 68.8 | 69.7 |
| Johnstown | 13.2 | 11.8 | 12.2 | 5.3 | 5.3 | 5.4 | 17.8 | 19.5 | 19.8 |
| Lancaster | 55.5 | 55.0 | 54.7 | 7.6 | 7.2 | 7.6 | 48.6 | 47.2 | 48.3 |
| Philadelphia PMSA | 311.3 | 307.6 | 306.1 | 98.1 | 98.5 | 98.7 | 466.3 | 456.7 | 458.8 |
| Philadelphia City | 68.8 | 66.4 | 66.1 | 37.5 | 38.5 | 38.5 | 120.1 | 114.3 | 115.2 |
| Pittsburgh | 111.4 | 108.5 | 109.1 | 55.3 | 56.1 | 56.0 | 220.6 | 222.1 | 222.4 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Finance, insurance, and real estate | | | Services | | | Government | | |
|---|--|--------------|---------------------------|--------------|--------------|---------------------------|--------------|--------------|---------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p |
| New Mexico | 26.5 | 26.5 | 26.5 | 158.7 | 160.9 | 161.7 | 158.2 | 160.4 | 161.2 |
| Albuquerque | 14.2 | 14.5 | 14.6 | 81.9 | 82.6 | 83.2 | 51.6 | 52.8 | 52.9 |
| Las Cruces | 1.7 | 1.7 | 1.7 | 8.6 | 8.3 | 8.3 | 18.5 | 18.6 | 18.3 |
| Santa Fe | 2.5 | 2.7 | 2.7 | 17.9 | 18.2 | 18.1 | 24.2 | 25.2 | 24.9 |
| New York | 734.5 | 727.4 | 726.3 | 2,332.9 | 2,354.3 | 2,370.1 | 1,448.6 | 1,440.0 | 1,441.5 |
| Albany-Schenectady-Troy | 26.4 | 27.0 | 27.2 | 120.3 | 123.1 | 123.1 | 113.2 | 113.1 | 113.2 |
| Binghamton | 4.1 | 4.1 | 4.1 | 26.1 | 26.0 | 26.0 | 21.6 | 21.3 | 21.3 |
| Buffalo | 26.7 | 26.7 | 26.7 | 124.6 | 127.4 | 127.4 | 75.3 | 75.5 | 74.8 |
| Elmira | 1.4 | 1.4 | 1.4 | 10.8 | 10.6 | 10.6 | 7.0 | 7.0 | 7.0 |
| Glens Falls | 1.6 | 1.7 | 1.7 | 12.0 | 11.6 | 11.7 | 9.6 | 9.6 | 9.6 |
| Nassau-Suffolk | 80.8 | 79.2 | 79.1 | 307.9 | 310.1 | 313.3 | 179.1 | 179.2 | 179.9 |
| New York PMSA | 511.2 | 505.6 | 504.5 | 1,252.3 | 1,252.7 | 1,257.1 | 671.1 | 664.2 | 665.4 |
| New York City | 476.6 | 471.1 | 469.7 | 1,097.8 | 1,098.8 | 1,102.4 | 587.9 | 581.7 | 582.7 |
| Niagara Falls | 2.1 | 2.1 | 2.1 | 17.8 | 17.8 | 18.0 | 12.8 | 13.2 | 12.9 |
| Orange County | 5.7 | 5.8 | 5.9 | 25.9 | 25.7 | 25.8 | 25.3 | 24.6 | 24.8 |
| Poughkeepsie | 4.5 | 4.4 | 4.4 | 29.4 | 28.9 | 29.2 | 23.2 | 22.8 | 22.9 |
| Rochester | 22.5 | 22.0 | 22.1 | 131.2 | 130.6 | 132.9 | 71.8 | 70.9 | 71.5 |
| Rockland County | 4.9 | 4.8 | 4.8 | 27.5 | 26.9 | 27.2 | 20.5 | 20.4 | 20.4 |
| Syracuse | 19.4 | 18.2 | 18.3 | 82.0 | 85.0 | 85.6 | 54.1 | 53.0 | 53.2 |
| Utica-Rome | 8.1 | 8.1 | 8.3 | 29.9 | 30.1 | 30.2 | 31.1 | 31.2 | 31.1 |
| Westchester County | 28.8 | 28.8 | 29.1 | 121.6 | 121.6 | 122.5 | 58.6 | 58.2 | 58.3 |
| North Carolina | 133.5 | 137.6 | 138.4 | 631.2 | 658.9 | 669.3 | 521.4 | 525.2 | 524.9 |
| Asheville | 2.6 | 2.7 | 2.7 | 23.4 | 23.9 | 24.6 | 13.3 | 13.9 | 13.9 |
| Charlotte-Gastonia-Rock Hill | 38.5 | 38.9 | 39.1 | 130.9 | 136.6 | 138.0 | 75.4 | 76.3 | 76.5 |
| Greensboro-Winston-Salem-High Point | 25.5 | 26.2 | 26.5 | 110.9 | 116.3 | 116.9 | 58.1 | 60.0 | 60.3 |
| Raleigh-Durham | 23.1 | 23.2 | 23.4 | 127.7 | 132.5 | 136.9 | 101.3 | 107.2 | 105.8 |
| North Dakota | 12.8 | 13.2 | 13.3 | 72.9 | 74.4 | 74.7 | 68.0 | 68.9 | 68.8 |
| Bismarck | 1.8 | 1.8 | 1.9 | 13.2 | 13.4 | 13.4 | 9.4 | 9.8 | 9.8 |
| Fargo-Moorhead | 5.0 | 5.1 | 5.1 | 23.3 | 23.8 | 23.9 | 15.9 | 15.7 | 15.9 |
| Grand Forks | 1.2 | 1.3 | 1.2 | 7.7 | 7.9 | 8.0 | 9.9 | 10.1 | 10.1 |
| Ohio | 254.9 | 255.8 | 256.3 | 1,225.0 | 1,239.5 | 1,256.6 | 750.1 | 751.6 | 746.0 |
| Akron | 11.4 | 11.7 | 11.8 | 73.1 | 75.8 | 77.5 | 47.2 | 46.7 | 46.6 |
| Canton | 6.7 | 6.6 | 6.7 | 42.8 | 42.8 | 43.7 | 19.5 | 19.8 | 19.7 |
| Cincinnati | 43.7 | 43.3 | 43.3 | 196.3 | 201.7 | 206.4 | 97.6 | 98.2 | 97.8 |
| Cleveland | 59.8 | 59.9 | 59.9 | 258.1 | 263.7 | 266.6 | 122.8 | 122.0 | 121.6 |
| Columbus | 59.1 | 59.2 | 59.3 | 187.9 | 190.3 | 192.9 | 135.1 | 137.1 | 136.7 |
| Dayton-Springfield | 17.4 | 17.2 | 17.3 | 119.5 | 124.0 | 124.6 | 77.4 | 76.9 | 73.5 |
| Toledo | 11.3 | 11.2 | 11.3 | 78.1 | 80.4 | 81.4 | 46.8 | 46.4 | 46.3 |
| Youngstown-Warren | 9.1 | 9.2 | 9.2 | 49.5 | 49.8 | 50.4 | 25.2 | 25.4 | 25.1 |
| Oklahoma | 60.1 | 60.1 | 60.5 | 288.1 | 292.8 | 294.5 | 274.3 | 273.8 | 273.3 |
| Enid | 1.0 | 1.1 | 1.1 | 5.8 | 5.9 | 5.9 | 4.1 | 4.3 | 4.2 |
| Lawton | 1.8 | 1.8 | 1.8 | 7.5 | 8.2 | 8.2 | 12.6 | 12.6 | 12.3 |
| Oklahoma City | 24.9 | 25.3 | 25.5 | 110.4 | 112.3 | 112.8 | 106.1 | 104.4 | 104.4 |
| Tulsa | 17.6 | 17.5 | 17.5 | 89.1 | 88.4 | 88.8 | 41.2 | 42.5 | 42.2 |
| Oregon | 85.0 | 86.7 | 87.3 | 309.7 | 317.3 | 320.8 | 235.0 | 237.7 | 237.5 |
| Eugene-Springfield | 6.2 | 6.3 | 6.3 | 28.8 | 29.9 | 30.1 | 25.4 | 25.4 | 25.5 |
| Medford | 2.6 | 2.7 | 2.7 | 13.5 | 14.3 | 14.3 | 10.0 | 10.3 | 10.1 |
| Portland | 55.2 | 56.4 | 56.9 | 170.9 | 172.8 | 174.0 | 90.5 | 91.8 | 91.9 |
| Salem | 6.0 | 6.0 | 6.1 | 25.3 | 25.7 | 26.0 | 33.0 | 33.2 | 33.2 |
| Pennsylvania | 299.1 | 298.5 | 299.0 | 1,487.3 | 1,502.1 | 1,516.9 | 714.8 | 712.5 | 714.4 |
| Allentown-Bethlehem | 14.4 | 14.3 | 14.4 | 79.2 | 78.8 | 81.1 | 33.2 | 32.9 | 33.2 |
| Altoona | 2.1 | 2.3 | 2.3 | 13.0 | 13.4 | 13.7 | 7.5 | 7.6 | 7.6 |
| Beaver County | 1.7 | 1.7 | 1.7 | 13.2 | 13.6 | 13.6 | 8.1 | 8.2 | 8.1 |
| Erie | 5.5 | 5.6 | 5.6 | 32.7 | 33.5 | 34.3 | 14.5 | 14.5 | 14.7 |
| Harrisburg-Lebanon-Carlisle | 22.2 | 22.1 | 22.0 | 74.0 | 73.6 | 74.2 | 69.2 | 69.2 | 69.7 |
| Johnstown | 4.1 | 4.3 | 4.3 | 22.6 | 23.7 | 23.0 | 12.6 | 12.7 | 12.7 |
| Lancaster | 8.9 | 9.1 | 9.2 | 43.7 | 44.9 | 45.2 | 18.4 | 18.3 | 18.6 |
| Philadelphia PMSA | 157.2 | 155.9 | 155.4 | 690.2 | 686.7 | 696.5 | 305.7 | 299.4 | 299.4 |
| Philadelphia City | 59.9 | 58.5 | 57.7 | 267.2 | 261.9 | 265.7 | 137.0 | 131.5 | 131.8 |
| Pittsburgh | 54.6 | 54.7 | 54.8 | 320.6 | 316.7 | 322.3 | 106.6 | 107.6 | 108.3 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Total | | | Mining | | | Construction | | |
|--------------------------------------|-----------|-----------|------------------------|------------------|------------------|------------------------|--------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Pennsylvania-Continued | | | | | | | | | |
| Reading | 151.9 | 149.7 | 150.4 | (¹) | (¹) | (¹) | 6.2 | 5.6 | 5.9 |
| Scranton-Wilkes-Barre | 299.1 | 298.6 | 301.4 | 0.6 | 0.6 | 0.6 | 10.4 | 8.9 | 10.0 |
| Sharon | 44.7 | 41.3 | 41.9 | (¹) | (¹) | (¹) | 1.2 | 1.0 | 1.0 |
| State College | 62.1 | 61.6 | 62.5 | (¹) | (¹) | (¹) | 2.3 | 2.0 | 2.3 |
| Williamsport | 50.5 | 49.7 | 50.4 | (¹) | (¹) | (¹) | 2.0 | 1.8 | 2.1 |
| York | 179.7 | 182.4 | 185.2 | .5 | .5 | .5 | 8.2 | 8.1 | 8.8 |
| Rhode Island | 419.9 | 416.1 | 419.4 | .2 | .2 | .2 | 11.4 | 11.6 | 12.8 |
| Pawtucket-Woonsocket-Attleboro | 120.5 | 120.4 | 121.5 | .1 | .1 | .1 | 3.0 | 4.5 | 4.9 |
| Providence | 297.7 | 296.3 | 298.0 | .1 | .1 | .1 | 8.3 | 7.5 | 9.1 |
| South Carolina | 1,524.2 | 1,550.8 | 1,560.1 | 1.7 | 1.9 | 1.9 | 79.1 | 81.0 | 81.0 |
| Charleston | 203.9 | 203.7 | 205.1 | (¹) | (¹) | (¹) | 11.9 | 12.6 | 12.6 |
| Columbia | 244.3 | 246.7 | 247.4 | (¹) | (¹) | (¹) | 12.1 | 12.0 | 12.1 |
| Greenville-Spartanburg | 329.0 | 333.9 | 335.1 | (¹) | (¹) | (¹) | 18.8 | 20.3 | 20.4 |
| South Dakota | 304.5 | 306.8 | 311.4 | 2.7 | 2.5 | 2.4 | 11.9 | 10.5 | 11.9 |
| Rapid City | 40.1 | 40.1 | 41.0 | (¹) | (¹) | (¹) | 2.5 | 2.3 | 2.5 |
| Sioux Falls | 81.5 | 82.2 | 83.0 | (¹) | (¹) | (¹) | 3.8 | 3.7 | 3.9 |
| Tennessee | 2,221.3 | 2,240.0 | 2,258.2 | 5.1 | 4.6 | 4.6 | 85.7 | 82.0 | 85.5 |
| Chattanooga | 202.2 | 205.9 | 206.9 | .6 | .6 | .6 | 6.5 | 6.1 | 6.2 |
| Johnson City-Kingsport-Bristol | 177.3 | 176.9 | 178.2 | (¹) | (¹) | (¹) | 7.9 | 8.0 | 8.1 |
| Knoxville | 286.5 | 285.6 | 289.0 | 1.2 | 1.2 | 1.2 | 13.1 | 13.2 | 13.6 |
| Memphis | 479.3 | 484.1 | 486.3 | (¹) | (¹) | (¹) | 17.0 | 17.0 | 17.2 |
| Nashville | 511.1 | 524.1 | 526.0 | (¹) | (¹) | (¹) | 19.2 | 19.0 | 19.7 |
| Texas | 7,234.5 | 7,391.9 | 7,411.1 | 170.6 | 165.9 | 165.6 | 340.6 | 342.8 | 345.3 |
| Abilene | 49.9 | 50.7 | 50.7 | 1.3 | 1.3 | 1.3 | 1.5 | 1.7 | 1.7 |
| Amarillo | 80.8 | 81.2 | 81.8 | .9 | .8 | .8 | 2.9 | 3.0 | 3.2 |
| Austin | 408.4 | 420.4 | 422.5 | .7 | .8 | .8 | 13.7 | 14.9 | 15.1 |
| Beaumont-Port Arthur | 150.6 | 150.5 | 150.8 | 1.1 | 1.1 | 1.1 | 16.3 | 14.0 | 14.1 |
| Brazoria | 68.5 | 68.4 | 68.2 | 1.2 | 1.2 | 1.2 | 8.6 | 8.2 | 8.0 |
| Brownsville-Harlingen | 80.6 | 83.7 | 84.0 | (¹) | (¹) | (¹) | 2.2 | 2.4 | 2.4 |
| Bryan-College Station | 58.6 | 61.3 | 62.0 | .7 | .7 | .7 | 1.8 | 1.8 | 1.8 |
| Corpus Christi | 134.7 | 138.8 | 138.0 | 2.8 | 2.9 | 2.9 | 10.4 | 11.4 | 11.3 |
| Dallas | 1,387.1 | 1,408.7 | 1,412.8 | 17.3 | 16.8 | 17.0 | 47.9 | 48.7 | 49.4 |
| El Paso | 216.1 | 221.3 | 222.1 | (¹) | (¹) | (¹) | 7.9 | 8.0 | 8.2 |
| Ft. Worth-Arlington | 588.2 | 598.5 | 601.6 | 4.3 | 4.3 | 4.3 | 21.0 | 20.3 | 20.8 |
| Galveston-Texas City | 79.8 | 83.7 | 84.4 | .9 | .8 | .9 | 4.8 | 5.3 | 5.2 |
| Houston | 1,626.3 | 1,630.0 | 1,628.8 | 68.1 | 66.4 | 66.2 | 109.9 | 105.7 | 104.8 |
| Killeen-Temple | 77.2 | 81.9 | 82.2 | (¹) | (¹) | (¹) | 2.5 | 3.2 | 3.3 |
| Laredo | 49.1 | 51.3 | 51.4 | 1.9 | 1.9 | 1.9 | 1.6 | 1.7 | 1.7 |
| Longview-Marshall | 70.5 | 69.5 | 70.2 | 3.3 | 3.3 | 3.3 | 3.8 | 2.9 | 2.9 |
| Lubbock | 98.5 | 98.9 | 99.2 | .2 | .2 | .2 | 3.3 | 3.3 | 3.5 |
| McAllen-Edinburg-Mission | 106.1 | 110.4 | 110.1 | .8 | .9 | .9 | 4.3 | 4.4 | 4.4 |
| Midland | 46.0 | 45.1 | 45.4 | 8.9 | 8.9 | 8.8 | 1.4 | 1.5 | 1.6 |
| Odessa | 45.2 | 44.3 | 44.4 | 4.7 | 4.6 | 4.5 | 3.0 | 2.7 | 2.6 |
| San Angelo | 37.9 | 39.2 | 39.0 | .5 | .5 | .5 | 1.2 | 1.2 | 1.3 |
| San Antonio | 544.8 | 563.2 | 564.7 | 1.6 | 1.6 | 1.5 | 23.1 | 24.6 | 24.8 |
| Sherman-Denison | 36.5 | 36.7 | 36.7 | (¹) | (¹) | (¹) | 1.4 | 1.5 | 1.5 |
| Texarkana | 47.0 | 47.1 | 47.2 | .1 | .1 | .1 | 1.5 | 1.8 | 1.8 |
| Tyler | 64.3 | 65.0 | 64.8 | 1.4 | 1.5 | 1.5 | 1.9 | 2.1 | 2.1 |
| Victoria | 30.7 | 32.4 | 32.6 | 1.3 | 1.5 | 1.6 | 2.2 | 2.1 | 2.2 |
| Waco | 83.3 | 84.3 | 84.8 | (¹) | (¹) | (¹) | 3.1 | 3.2 | 3.3 |
| Wichita Falls | 49.5 | 50.3 | 50.2 | 1.4 | 1.4 | 1.4 | 1.5 | 1.6 | 1.6 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Manufacturing | | | Transportation and public utilities | | | Wholesale and retail trade | | |
|--------------------------------------|---------------|-----------|------------------------|-------------------------------------|-----------|------------------------|----------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Pennsylvania-Continued | | | | | | | | | |
| Reading | 44.3 | 42.6 | 42.4 | 6.4 | 6.2 | 6.2 | 34.4 | 33.6 | 33.9 |
| Scranton-Wilkes-Barre | 64.9 | 63.1 | 62.9 | 16.3 | 16.5 | 16.6 | 72.1 | 71.6 | 72.6 |
| Sharon | 11.8 | 9.4 | 9.5 | 2.0 | 1.7 | 1.8 | 10.7 | 10.2 | 10.3 |
| State College | 8.5 | 8.7 | 8.8 | 1.7 | 1.8 | 1.8 | 11.7 | 11.7 | 11.8 |
| Williamsport | 14.6 | 14.2 | 14.2 | 1.8 | 1.9 | 1.8 | 11.4 | 11.2 | 11.4 |
| York | 54.2 | 55.1 | 54.8 | 9.1 | 9.2 | 9.3 | 45.4 | 45.0 | 46.1 |
| Rhode Island | | | | | | | | | |
| Pawtucket-Woonsocket-Attleboro | 89.9 | 88.6 | 88.1 | 14.7 | 14.6 | 14.9 | 88.6 | 88.2 | 89.3 |
| Providence | 42.2 | 41.2 | 41.1 | 3.6 | 3.4 | 3.4 | 30.0 | 29.2 | 30.0 |
| Providence | 56.6 | 56.1 | 55.8 | 10.6 | 10.7 | 10.9 | 60.5 | 60.1 | 60.6 |
| South Carolina | | | | | | | | | |
| Charleston | 370.2 | 369.0 | 368.4 | 63.6 | 64.1 | 63.9 | 342.1 | 350.8 | 355.3 |
| Columbia | 20.6 | 20.3 | 20.1 | 10.6 | 10.4 | 10.5 | 49.7 | 48.8 | 49.7 |
| Greenville-Spartanburg | 25.8 | 26.1 | 26.2 | 10.8 | 11.0 | 10.9 | 53.9 | 54.4 | 55.0 |
| Greenville-Spartanburg | 95.4 | 95.4 | 95.8 | 13.9 | 13.8 | 14.0 | 77.3 | 77.0 | 77.4 |
| South Dakota | | | | | | | | | |
| Rapid City | 36.5 | 38.5 | 39.1 | 14.5 | 14.7 | 14.6 | 79.0 | 78.8 | 80.5 |
| Sioux Falls | 4.4 | 4.4 | 4.5 | 1.8 | 1.8 | 1.8 | 11.4 | 11.6 | 11.7 |
| Sioux Falls | 10.2 | 10.2 | 10.3 | 5.5 | 5.5 | 5.4 | 22.2 | 22.3 | 22.4 |
| Tennessee | | | | | | | | | |
| Chattanooga | 512.2 | 515.1 | 516.7 | 117.5 | 120.6 | 120.3 | 511.3 | 515.2 | 519.3 |
| Johnson City-Kingsport-Bristol | 44.0 | 44.4 | 44.3 | 7.4 | 7.3 | 7.3 | 47.3 | 48.2 | 48.3 |
| Knoxville | 54.1 | 53.2 | 53.6 | 6.2 | 6.3 | 6.3 | 39.9 | 40.1 | 40.1 |
| Memphis | 51.2 | 50.6 | 50.6 | 10.1 | 10.3 | 10.2 | 73.3 | 72.3 | 73.2 |
| Nashville | 60.0 | 60.2 | 60.6 | 46.8 | 48.3 | 48.4 | 125.6 | 126.3 | 126.8 |
| Nashville | 89.7 | 92.4 | 92.2 | 29.8 | 31.2 | 31.2 | 123.5 | 126.6 | 126.8 |
| Texas | | | | | | | | | |
| Abilene | 963.2 | 978.5 | 978.1 | 432.8 | 435.8 | 436.6 | 1,737.8 | 1,769.8 | 1,776.9 |
| Amarillo | 4.5 | 4.3 | 4.3 | 2.7 | 2.6 | 2.6 | 12.8 | 13.0 | 13.0 |
| Austin | 8.9 | 9.3 | 9.2 | 5.4 | 5.5 | 5.5 | 22.3 | 21.6 | 21.8 |
| Beaumont-Port Arthur | 52.0 | 54.5 | 54.7 | 13.4 | 13.6 | 13.6 | 82.6 | 85.5 | 85.7 |
| Brazoria | 26.1 | 25.6 | 25.6 | 9.4 | 9.5 | 9.4 | 33.6 | 34.3 | 34.3 |
| Brownsville-Harlingen | 17.4 | 17.6 | 17.7 | 2.6 | 2.6 | 2.5 | 12.7 | 12.8 | 12.9 |
| Bryan-College Station | 11.7 | 12.4 | 12.6 | 3.9 | 3.7 | 3.7 | 22.1 | 23.0 | 23.1 |
| Corpus Christi | 3.8 | 4.1 | 4.1 | 1.3 | 1.3 | 1.3 | 12.3 | 13.7 | 13.3 |
| Dallas | 13.0 | 13.4 | 13.3 | 6.5 | 6.7 | 6.7 | 32.1 | 33.5 | 33.1 |
| El Paso | 207.2 | 208.9 | 208.2 | 85.0 | 87.8 | 88.1 | 351.0 | 355.8 | 355.4 |
| Ft. Worth-Arlington | 42.2 | 44.9 | 45.1 | 11.0 | 11.2 | 11.0 | 53.3 | 54.2 | 54.1 |
| Galveston-Texas City | 98.1 | 100.6 | 100.8 | 60.2 | 61.4 | 61.5 | 148.1 | 148.3 | 148.9 |
| Houston | 8.6 | 8.4 | 8.5 | 5.1 | 4.8 | 4.8 | 16.9 | 17.5 | 17.9 |
| Killeen-Temple | 177.4 | 174.3 | 173.8 | 110.9 | 110.4 | 110.9 | 381.2 | 379.9 | 380.4 |
| Laredo | 8.3 | 9.1 | 9.2 | 2.7 | 2.6 | 2.6 | 17.2 | 18.4 | 18.4 |
| Longview-Marshall | 2.0 | 1.9 | 1.9 | 7.6 | 7.8 | 7.8 | 14.8 | 16.2 | 16.2 |
| Lubbock | 16.1 | 15.2 | 15.5 | 3.4 | 3.4 | 3.4 | 16.9 | 17.2 | 17.5 |
| McAllen-Edinburg-Mission | 7.1 | 7.3 | 7.3 | 5.4 | 5.6 | 5.7 | 27.4 | 26.6 | 26.6 |
| Midland | 12.4 | 12.6 | 12.2 | 3.5 | 3.5 | 3.5 | 32.9 | 34.8 | 34.5 |
| Odessa | 2.5 | 2.3 | 2.2 | 2.4 | 2.3 | 2.3 | 10.8 | 10.7 | 10.8 |
| San Angelo | 4.3 | 4.4 | 4.4 | 2.2 | 2.0 | 2.0 | 12.3 | 12.1 | 12.4 |
| San Antonio | 5.0 | 5.3 | 5.2 | 2.7 | 2.7 | 2.7 | 9.0 | 9.2 | 9.1 |
| Sherman-Denison | 45.4 | 46.2 | 45.9 | 23.5 | 24.8 | 24.8 | 133.4 | 138.6 | 139.1 |
| Texarkana | 9.9 | 9.5 | 9.5 | 1.5 | 1.6 | 1.6 | 7.7 | 7.9 | 7.9 |
| Tyler | 6.2 | 5.9 | 5.9 | 2.0 | 2.0 | 2.0 | 11.1 | 11.2 | 11.2 |
| Victoria | 11.3 | 11.4 | 11.3 | 3.0 | 2.8 | 2.8 | 16.5 | 16.6 | 16.6 |
| Waco | 3.1 | 3.1 | 3.1 | 1.5 | 1.4 | 1.4 | 8.0 | 8.4 | 8.2 |
| Wichita Falls | 14.6 | 15.0 | 15.1 | 3.4 | 3.4 | 3.4 | 19.1 | 19.8 | 19.9 |
| Wichita Falls | 7.5 | 7.7 | 7.7 | 2.7 | 2.6 | 2.6 | 11.7 | 11.9 | 11.9 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Finance, insurance, and real estate | | | Services | | | Government | | |
|--------------------------------------|--|--------------|---------------------------|--------------|--------------|---------------------------|--------------|--------------|---------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Pennsylvania—Continued | | | | | | | | | |
| Reading | 9.0 | 8.9 | 8.8 | 33.8 | 33.7 | 34.4 | 18.0 | 19.1 | 18.8 |
| Scranton-Wilkes-Barre | 13.3 | 13.2 | 13.2 | 78.7 | 80.5 | 81.7 | 42.8 | 44.2 | 43.8 |
| Sharon | 1.5 | 1.5 | 1.6 | 12.2 | 12.3 | 12.4 | 5.3 | 5.2 | 5.3 |
| State College | 1.9 | 1.8 | 1.8 | 11.4 | 11.3 | 11.5 | 24.8 | 24.3 | 24.5 |
| Williamsport | 2.2 | 2.3 | 2.3 | 12.1 | 12.0 | 12.3 | 6.4 | 6.3 | 6.3 |
| York | 5.6 | 5.7 | 5.7 | 36.9 | 39.6 | 40.8 | 19.8 | 19.2 | 19.2 |
| Rhode Island | | | | | | | | | |
| Pawtucket-Woonsocket-Attleboro | 25.2 | 24.5 | 24.4 | 127.6 | 125.9 | 128.4 | 62.3 | 62.5 | 61.3 |
| Providence | 3.5 | 2.8 | 2.8 | 26.9 | 28.0 | 28.1 | 11.2 | 11.2 | 11.1 |
| Providence | 20.5 | 20.8 | 20.7 | 95.0 | 93.8 | 94.9 | 46.1 | 47.2 | 45.9 |
| South Carolina | | | | | | | | | |
| Charleston | 64.5 | 64.5 | 64.8 | 307.4 | 317.6 | 322.6 | 295.6 | 301.9 | 302.2 |
| Columbia | 7.8 | 8.0 | 8.1 | 48.0 | 49.0 | 49.5 | 55.3 | 54.6 | 54.6 |
| Columbia | 18.7 | 17.9 | 17.9 | 52.8 | 54.0 | 54.3 | 70.2 | 71.3 | 71.0 |
| Greenville-Spartanburg | 12.2 | 13.1 | 13.1 | 67.1 | 70.3 | 70.6 | 44.3 | 44.0 | 43.8 |
| South Dakota | | | | | | | | | |
| Rapid City | 17.1 | 17.4 | 17.6 | 76.3 | 78.1 | 79.0 | 66.5 | 66.3 | 66.3 |
| Rapid City | 1.5 | 1.4 | 1.5 | 10.9 | 11.0 | 11.3 | 7.6 | 7.6 | 7.7 |
| Sioux Falls | 8.7 | 8.6 | 8.7 | 22.6 | 23.5 | 23.8 | 8.5 | 8.4 | 8.5 |
| Tennessee | | | | | | | | | |
| Chattanooga | 100.6 | 100.4 | 100.7 | 530.1 | 541.9 | 549.6 | 358.8 | 360.2 | 361.5 |
| Chattanooga | 13.2 | 13.4 | 13.5 | 48.5 | 50.4 | 51.3 | 34.7 | 35.5 | 35.4 |
| Johnson City-Kingsport-Bristol | 5.5 | 5.6 | 5.7 | 37.9 | 37.6 | 38.3 | 25.8 | 26.1 | 26.1 |
| Knoxville | 10.2 | 10.1 | 10.1 | 73.1 | 72.4 | 74.7 | 54.3 | 55.5 | 55.4 |
| Memphis | 24.7 | 25.2 | 25.2 | 125.5 | 127.0 | 127.8 | 79.7 | 80.1 | 80.3 |
| Nashville | 30.3 | 30.7 | 30.6 | 148.2 | 156.1 | 157.6 | 70.4 | 68.1 | 67.9 |
| Texas | | | | | | | | | |
| Abilene | 418.4 | 422.4 | 423.1 | 1,826.3 | 1,888.0 | 1,895.6 | 1,344.8 | 1,388.7 | 1,389.9 |
| Abilene | 1.9 | 1.9 | 1.9 | 15.8 | 16.0 | 16.0 | 9.4 | 9.9 | 9.9 |
| Amarillo | 4.2 | 4.0 | 4.1 | 19.7 | 20.4 | 20.5 | 16.5 | 16.6 | 16.7 |
| Austin | 23.4 | 24.0 | 24.2 | 106.7 | 110.3 | 111.0 | 115.9 | 116.8 | 117.4 |
| Beaumont-Port Arthur | 4.6 | 4.8 | 4.8 | 36.9 | 38.1 | 38.5 | 22.6 | 23.1 | 23.0 |
| Brazoria | 1.8 | 1.8 | 1.8 | 11.6 | 11.5 | 11.5 | 12.6 | 12.7 | 12.6 |
| Brownsville-Harlingen | 3.5 | 3.3 | 3.3 | 18.5 | 19.5 | 19.5 | 18.7 | 19.4 | 19.4 |
| Bryan-College Station | 1.9 | 2.1 | 2.1 | 11.3 | 11.2 | 11.4 | 25.5 | 26.4 | 27.3 |
| Corpus Christi | 6.1 | 6.1 | 6.1 | 34.4 | 34.9 | 34.8 | 29.4 | 29.9 | 29.8 |
| Dallas | 123.1 | 120.4 | 120.2 | 384.2 | 396.3 | 400.2 | 171.4 | 174.0 | 174.3 |
| El Paso | 8.1 | 8.2 | 8.1 | 48.1 | 46.5 | 47.0 | 47.5 | 48.3 | 48.6 |
| Ft. Worth-Arlington | 28.8 | 27.7 | 27.7 | 147.0 | 152.6 | 154.4 | 80.9 | 83.3 | 83.2 |
| Galveston-Texas City | 5.6 | 5.7 | 5.7 | 14.5 | 16.6 | 16.7 | 23.4 | 24.6 | 24.7 |
| Houston | 95.6 | 96.9 | 96.6 | 461.4 | 466.4 | 466.3 | 221.8 | 230.0 | 229.8 |
| Killeen-Temple | 3.2 | 3.5 | 3.5 | 19.3 | 20.3 | 20.5 | 24.0 | 24.6 | 24.7 |
| Laredo | 1.9 | 1.9 | 1.9 | 8.4 | 8.8 | 8.9 | 10.9 | 11.1 | 11.1 |
| Longview-Marshall | 2.5 | 2.6 | 2.6 | 15.0 | 15.5 | 15.6 | 9.5 | 9.4 | 9.4 |
| Lubbock | 4.7 | 4.4 | 4.4 | 26.5 | 27.0 | 27.0 | 23.9 | 24.5 | 24.5 |
| McAllen-Edinburg-Mission | 3.7 | 3.8 | 3.8 | 19.3 | 19.9 | 20.1 | 29.2 | 30.5 | 30.7 |
| Midland | 2.2 | 2.2 | 2.3 | 10.1 | 9.8 | 10.0 | 7.7 | 7.4 | 7.4 |
| Odessa | 1.3 | 1.3 | 1.3 | 8.6 | 8.5 | 8.5 | 8.8 | 8.7 | 8.7 |
| San Angelo | 1.5 | 1.7 | 1.7 | 10.2 | 10.7 | 10.6 | 7.8 | 7.9 | 7.9 |
| San Antonio | 38.5 | 38.5 | 38.7 | 153.9 | 162.1 | 163.4 | 125.4 | 126.8 | 126.5 |
| Sherman-Denison | 2.1 | 2.0 | 2.0 | 9.0 | 9.3 | 9.3 | 4.9 | 4.9 | 4.9 |
| Texarkana | 1.8 | 1.8 | 1.8 | 12.0 | 12.1 | 12.3 | 12.3 | 12.2 | 12.1 |
| Tyler | 3.1 | 2.9 | 2.9 | 17.0 | 17.1 | 17.1 | 10.1 | 10.6 | 10.5 |
| Victoria | 1.5 | 1.5 | 1.5 | 7.4 | 7.9 | 8.1 | 5.7 | 6.5 | 6.5 |
| Waco | 5.2 | 5.2 | 5.2 | 23.6 | 23.4 | 23.6 | 14.3 | 14.3 | 14.3 |
| Wichita Falls | 2.2 | 2.2 | 2.2 | 12.4 | 12.7 | 12.7 | 10.1 | 10.2 | 10.1 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Total | | | Mining | | | Construction | | |
|---|-----------|-----------|------------------------|------------------|------------------|------------------------|--------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Utah | 759.6 | 786.5 | 791.4 | 8.4 | 8.4 | 8.5 | 32.9 | 35.1 | 37.5 |
| Provo-Orem | 100.9 | 104.7 | 105.4 | (¹) | (¹) | (¹) | 4.8 | 5.3 | 5.7 |
| Salt Lake City-Ogden | 515.5 | 532.7 | 536.4 | 3.0 | 3.1 | 3.1 | 21.8 | 22.3 | 23.8 |
| Vermont | 245.5 | 251.2 | 248.8 | .5 | .4 | .6 | 9.2 | 10.3 | 10.5 |
| Barre-Montpelier | 32.6 | 34.1 | 33.5 | (¹) | (¹) | (¹) | 1.2 | 1.1 | 1.3 |
| Burlington | 78.2 | 75.7 | 76.5 | (¹) | (¹) | (¹) | 2.9 | 3.0 | 3.0 |
| Virginia | 2,830.2 | 2,826.5 | 2,848.7 | 13.7 | 13.3 | 13.3 | 143.5 | 138.9 | 143.0 |
| Bristol | 34.0 | 33.3 | 33.4 | (¹) | (¹) | (¹) | 1.1 | 1.1 | 1.1 |
| Charlottesville | 70.1 | 70.3 | 71.2 | (¹) | (¹) | (¹) | 3.5 | 3.2 | 3.4 |
| Danville | 40.8 | 40.5 | 41.0 | (¹) | (¹) | (¹) | 1.8 | 1.7 | 1.8 |
| Lynchburg | 76.9 | 77.6 | 78.5 | (¹) | (¹) | (¹) | 3.3 | 3.0 | 3.1 |
| Norfolk-Virginia Beach-Newport News | 579.8 | 581.8 | 587.1 | (¹) | (¹) | (¹) | 30.3 | 31.0 | 31.4 |
| Northern Virginia | 753.2 | 755.9 | 760.7 | .4 | .4 | .4 | 35.7 | 35.7 | 36.5 |
| Richmond-Petersburg | 463.2 | 464.3 | 466.1 | .7 | .7 | .7 | 26.8 | 26.4 | 26.9 |
| Roanoke | 124.6 | 126.4 | 127.1 | (¹) | (¹) | (¹) | 6.7 | 6.0 | 6.1 |
| Washington | 2,200.9 | 2,214.1 | 2,230.9 | 3.3 | 3.1 | 3.1 | 115.3 | 115.4 | 119.3 |
| Seattle | 1,118.1 | 1,124.6 | 1,131.2 | .6 | .5 | .5 | 59.1 | 59.5 | 59.3 |
| West Virginia | 633.3 | 638.8 | 647.0 | 31.4 | 29.6 | 29.6 | 25.9 | 25.9 | 28.7 |
| Charleston | 112.4 | 112.6 | 114.0 | 2.0 | 1.7 | 1.5 | 4.8 | 4.5 | 4.8 |
| Huntington-Ashland | 111.8 | 110.5 | 110.9 | 1.6 | 1.5 | 1.6 | 5.1 | 4.4 | 4.6 |
| Parkersburg-Marietta | 62.3 | 62.6 | 63.2 | .4 | .4 | .4 | 3.1 | 2.5 | 2.7 |
| Wheeling | 59.4 | 58.6 | 59.7 | 1.8 | 1.5 | 1.5 | 1.9 | 1.8 | 2.0 |
| Wisconsin | 2,330.8 | 2,339.9 | 2,366.7 | 2.2 | 1.9 | 2.4 | 84.8 | 82.3 | 90.2 |
| Appleton-Oshkosh-Neenah | 166.5 | 169.8 | 171.5 | (¹) | (¹) | (¹) | 8.0 | 8.7 | 9.5 |
| Eau Claire | 60.4 | 59.8 | 60.2 | (¹) | (¹) | (¹) | 1.9 | 1.6 | 1.8 |
| Green Bay | 111.6 | 112.3 | 113.6 | (¹) | (¹) | (¹) | 6.2 | 5.7 | 6.1 |
| Janesville-Beloit | 61.2 | 59.4 | 60.4 | (¹) | (¹) | (¹) | 2.0 | 2.0 | 2.2 |
| Kenosha | 44.6 | 45.7 | 45.9 | (¹) | (¹) | (¹) | 1.9 | 1.9 | 2.1 |
| La Crosse | 56.3 | 56.9 | 57.7 | (¹) | (¹) | (¹) | 1.7 | 2.0 | 2.3 |
| Madison | 231.0 | 235.6 | 238.8 | (¹) | (¹) | (¹) | 9.2 | 9.1 | 10.1 |
| Milwaukee | 753.8 | 761.0 | 766.5 | (¹) | (¹) | (¹) | 25.9 | 25.3 | 27.0 |
| Racine | 75.5 | 75.1 | 76.0 | (¹) | (¹) | (¹) | 2.4 | 2.5 | 2.8 |
| Sheboygan | 51.7 | 52.4 | 52.6 | (¹) | (¹) | (¹) | 1.7 | 2.0 | 2.1 |
| Wausau | 54.1 | 54.9 | 55.0 | (¹) | (¹) | (¹) | 2.1 | 2.4 | 2.3 |
| Wyoming | 199.9 | 198.0 | 199.7 | 17.0 | 16.3 | 16.5 | 10.5 | 8.9 | 9.6 |
| Casper | 27.7 | 27.8 | 27.9 | 2.1 | 2.1 | 2.1 | 1.3 | 1.2 | 1.3 |
| Puerto Rico | 846.2 | 848.3 | 848.0 | .9 | .9 | .9 | 47.2 | 46.7 | 46.1 |
| Caguas | 56.7 | 57.5 | 57.1 | (¹) | (¹) | (¹) | 1.5 | 1.5 | 1.5 |
| Mayaguez | 59.8 | 55.9 | 59.7 | (¹) | (¹) | (¹) | 2.5 | 2.5 | 2.4 |
| Ponce | 56.6 | 58.1 | 57.9 | (¹) | (¹) | (¹) | 4.4 | 3.5 | 3.4 |
| San Juan | 513.7 | 514.9 | 514.2 | .5 | .5 | .5 | 33.5 | 32.7 | 32.4 |
| Virgin Islands | 44.3 | 46.1 | 46.3 | (¹) | (¹) | (¹) | 3.8 | 5.1 | 5.2 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Manufacturing | | | Transportation and public utilities | | | Wholesale and retail trade | | |
|---|---------------|-----------|------------------------|-------------------------------------|-----------|------------------------|----------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Utah | 104.3 | 106.2 | 106.0 | 43.1 | 44.7 | 44.7 | 180.6 | 186.5 | 188.5 |
| Provo-Orem | 13.6 | 13.2 | 13.0 | 2.0 | 2.0 | 2.0 | 22.7 | 23.4 | 23.7 |
| Salt Lake City-Ogden | 68.0 | 69.6 | 69.9 | 34.0 | 35.2 | 35.2 | 126.0 | 128.2 | 129.0 |
| Vermont | 43.5 | 43.0 | 42.8 | 10.7 | 10.9 | 10.9 | 56.5 | 56.9 | 57.2 |
| Barre-Montpelier | 4.3 | 4.8 | 4.8 | .9 | .8 | .8 | 6.9 | 7.1 | 6.9 |
| Burlington | 15.1 | 13.9 | 13.9 | 3.4 | 3.4 | 3.4 | 17.8 | 17.4 | 17.6 |
| Virginia | 405.8 | 400.8 | 400.1 | 144.9 | 143.0 | 143.5 | 624.2 | 617.8 | 624.3 |
| Bristol | 10.6 | 9.9 | 9.9 | 1.2 | 1.2 | 1.2 | 8.5 | 8.3 | 8.4 |
| Charlottesville | 8.0 | 7.9 | 7.9 | 2.4 | 2.4 | 2.4 | 13.7 | 13.5 | 13.6 |
| Danville | 14.9 | 14.9 | 15.0 | 1.0 | 1.1 | 1.1 | 8.4 | 8.2 | 8.3 |
| Lynchburg | 22.8 | 22.6 | 22.6 | 2.7 | 2.7 | 2.7 | 16.6 | 16.5 | 16.8 |
| Norfolk-Virginia Beach-Newport News | 61.8 | 61.7 | 61.9 | 27.4 | 27.8 | 28.2 | 136.0 | 134.4 | 136.0 |
| Northern Virginia | 32.8 | 31.5 | 31.5 | 48.5 | 47.2 | 47.4 | 164.2 | 162.1 | 163.3 |
| Richmond-Petersburg | 62.8 | 60.9 | 59.4 | 22.7 | 22.3 | 22.2 | 105.2 | 107.8 | 107.9 |
| Roanoke | 18.5 | 18.6 | 18.6 | 8.3 | 8.2 | 8.2 | 33.7 | 33.5 | 34.2 |
| Washington | 345.5 | 336.2 | 338.1 | 112.2 | 110.6 | 111.0 | 528.5 | 531.5 | 537.9 |
| Seattle | 212.1 | 205.4 | 205.6 | 69.0 | 68.1 | 68.3 | 260.8 | 263.8 | 267.3 |
| West Virginia | 81.7 | 82.4 | 82.3 | 38.0 | 37.9 | 38.1 | 144.7 | 145.3 | 147.4 |
| Charleston | 10.5 | 10.6 | 10.7 | 8.9 | 8.8 | 8.8 | 28.1 | 27.6 | 28.0 |
| Huntington-Ashland | 19.8 | 18.7 | 18.6 | 7.3 | 7.2 | 7.2 | 27.5 | 27.3 | 27.4 |
| Parkersburg-Marietta | 13.4 | 13.8 | 13.7 | 2.5 | 2.5 | 2.5 | 14.8 | 14.9 | 15.1 |
| Wheeling | 6.7 | 6.6 | 6.8 | 3.3 | 3.3 | 3.4 | 15.2 | 14.9 | 15.3 |
| Wisconsin | 540.0 | 543.4 | 543.8 | 109.3 | 109.6 | 110.7 | 538.6 | 533.4 | 540.7 |
| Appleton-Oshkosh-Neenah | 54.4 | 54.9 | 55.0 | 6.9 | 7.5 | 7.5 | 34.3 | 34.3 | 34.8 |
| Eau Claire | 11.0 | 10.2 | 9.9 | 3.1 | 3.2 | 3.2 | 16.2 | 16.3 | 16.5 |
| Green Bay | 23.3 | 24.2 | 24.4 | 7.8 | 8.1 | 8.1 | 26.5 | 26.1 | 26.3 |
| Janesville-Beloit | 18.7 | 17.6 | 17.6 | 2.3 | 2.4 | 2.4 | 14.1 | 13.9 | 14.2 |
| Kenosha | 9.7 | 9.8 | 9.8 | 1.6 | 1.4 | 1.3 | 12.7 | 13.6 | 13.8 |
| La Crosse | 10.3 | 10.3 | 10.2 | 2.4 | 2.4 | 2.4 | 15.7 | 15.6 | 15.8 |
| Madison | 24.7 | 25.9 | 26.0 | 7.9 | 8.1 | 8.1 | 49.7 | 49.9 | 50.3 |
| Milwaukee | 163.7 | 165.2 | 164.7 | 36.4 | 36.3 | 36.6 | 168.0 | 168.4 | 169.8 |
| Racine | 24.7 | 24.6 | 24.5 | 2.4 | 2.4 | 2.4 | 16.4 | 16.2 | 16.4 |
| Sheboygan | 20.3 | 20.7 | 20.6 | 1.7 | 1.5 | 1.5 | 9.8 | 9.9 | 10.0 |
| Wausau | 15.1 | 15.5 | 15.6 | 3.4 | 3.3 | 3.3 | 12.5 | 12.6 | 12.8 |
| Wyoming | 8.8 | 8.9 | 8.9 | 14.2 | 13.9 | 13.9 | 45.1 | 45.0 | 45.6 |
| Casper | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 8.0 | 7.8 | 7.9 |
| Puerto Rico | 152.2 | 149.5 | 148.9 | 21.6 | 22.0 | 21.8 | 154.4 | 156.5 | 156.6 |
| Caguas | 16.2 | 15.2 | 15.0 | .5 | .4 | .4 | 11.6 | 12.0 | 11.9 |
| Mayaguez | 17.7 | 16.8 | 16.5 | .4 | .5 | .5 | 9.9 | 9.7 | 9.6 |
| Ponce | 10.3 | 10.7 | 10.8 | 1.6 | 1.7 | 1.7 | 8.9 | 9.4 | 9.4 |
| San Juan | 63.0 | 62.5 | 61.9 | 17.3 | 17.8 | 17.6 | 102.6 | 105.0 | 105.0 |
| Virgin Islands | 2.8 | 2.8 | 2.8 | 2.6 | 2.5 | 2.5 | 10.0 | 9.8 | 9.9 |

See footnotes at end of table.

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

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

(In thousands)

| State and area | Finance, insurance, and real estate | | | Services | | | Government | | |
|---|--|--------------|---------------------------|--------------|--------------|---------------------------|--------------|--------------|---------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Utah | 36.9 | 37.9 | 38.3 | 193.4 | 206.6 | 207.4 | 160.0 | 161.1 | 160.5 |
| Provo-Orem | 2.6 | 2.7 | 2.8 | 39.5 | 42.0 | 42.0 | 15.7 | 16.1 | 16.2 |
| Salt Lake City-Ogden | 30.3 | 31.3 | 31.6 | 128.0 | 136.0 | 136.9 | 104.4 | 107.0 | 106.9 |
| Vermont | 11.8 | 11.7 | 11.6 | 67.6 | 73.0 | 69.5 | 45.7 | 45.0 | 45.7 |
| Barre-Montpelier | 2.6 | 2.7 | 2.6 | 8.4 | 9.1 | 8.7 | 8.3 | 8.5 | 8.4 |
| Burlington | 4.0 | 4.1 | 4.0 | 21.6 | 21.3 | 21.2 | 13.4 | 12.6 | 13.4 |
| Virginia | 148.6 | 148.3 | 149.3 | 753.1 | 761.7 | 772.9 | 596.4 | 602.7 | 602.3 |
| Bristol | 1.2 | 1.2 | 1.2 | 5.9 | 6.1 | 6.1 | 5.5 | 5.5 | 5.5 |
| Charlottesville | 3.6 | 3.7 | 3.8 | 15.7 | 15.7 | 16.0 | 23.2 | 23.9 | 24.1 |
| Danville | 1.3 | 1.2 | 1.2 | 7.6 | 7.7 | 7.8 | 5.8 | 5.7 | 5.8 |
| Lynchburg | 3.5 | 3.7 | 3.7 | 18.3 | 19.3 | 19.8 | 9.7 | 9.8 | 9.8 |
| Norfolk-Virginia Beach-Newport News | 25.6 | 25.4 | 25.9 | 158.5 | 159.2 | 161.6 | 140.2 | 142.3 | 142.1 |
| Northern Virginia | 47.9 | 48.4 | 48.7 | 267.1 | 272.8 | 275.4 | 156.6 | 157.8 | 157.5 |
| Richmond-Petersburg | 38.1 | 38.5 | 38.5 | 108.7 | 109.2 | 112.1 | 98.2 | 98.5 | 98.4 |
| Roanoke | 8.8 | 8.9 | 8.7 | 32.5 | 34.3 | 34.5 | 16.1 | 16.9 | 16.8 |
| Washington | 118.9 | 116.5 | 116.8 | 549.9 | 564.7 | 566.6 | 427.3 | 436.1 | 436.1 |
| Seattle | 73.7 | 72.9 | 73.5 | 284.2 | 292.0 | 293.9 | 158.6 | 162.4 | 162.8 |
| West Virginia | 24.2 | 24.7 | 24.9 | 156.3 | 160.4 | 163.5 | 131.1 | 132.6 | 132.5 |
| Charleston | 6.1 | 6.3 | 6.4 | 31.8 | 32.3 | 33.0 | 20.2 | 20.8 | 20.8 |
| Huntington-Ashland | 3.8 | 3.7 | 3.7 | 26.4 | 27.6 | 27.9 | 20.3 | 20.1 | 19.9 |
| Parkersburg-Marietta | 2.3 | 2.4 | 2.4 | 15.5 | 15.6 | 15.7 | 10.3 | 10.7 | 10.7 |
| Wheeling | 2.9 | 3.0 | 3.0 | 18.1 | 18.1 | 18.3 | 9.5 | 9.4 | 9.4 |
| Wisconsin | 126.1 | 127.7 | 129.2 | 564.5 | 572.6 | 580.1 | 365.2 | 369.0 | 369.6 |
| Appleton-Oshkosh-Neenah | 8.3 | 8.5 | 8.6 | 35.6 | 36.8 | 36.9 | 19.1 | 19.0 | 19.2 |
| Eau Claire | 2.0 | 2.0 | 2.0 | 14.5 | 14.5 | 14.7 | 11.7 | 12.1 | 12.1 |
| Green Bay | 6.7 | 7.1 | 7.2 | 28.1 | 28.3 | 28.4 | 13.0 | 12.9 | 13.1 |
| Janesville-Beloit | 1.6 | 1.7 | 1.7 | 14.9 | 14.0 | 14.3 | 7.6 | 7.9 | 7.9 |
| Kenosha | 1.4 | 1.4 | 1.5 | 10.5 | 10.7 | 10.5 | 6.7 | 6.9 | 6.9 |
| La Crosse | 1.9 | 1.8 | 1.8 | 16.0 | 16.3 | 16.5 | 8.3 | 8.6 | 8.6 |
| Madison | 20.1 | 20.5 | 21.0 | 53.4 | 55.6 | 56.0 | 65.9 | 66.5 | 67.3 |
| Milwaukee | 52.1 | 52.6 | 53.0 | 217.5 | 222.2 | 224.6 | 90.3 | 90.9 | 90.7 |
| Racine | 2.3 | 2.3 | 2.3 | 18.2 | 18.0 | 18.5 | 9.0 | 9.1 | 9.1 |
| Sheboygan | 2.3 | 2.3 | 2.3 | 9.9 | 9.9 | 9.9 | 6.1 | 6.2 | 6.2 |
| Wausau | 4.0 | 4.0 | 4.0 | 10.1 | 10.3 | 10.3 | 6.9 | 6.7 | 6.8 |
| Wyoming | 7.2 | 7.4 | 7.4 | 38.7 | 39.1 | 39.3 | 58.4 | 58.5 | 58.5 |
| Casper | 1.1 | 1.1 | 1.1 | 6.8 | 6.9 | 6.9 | 5.3 | 5.6 | 5.5 |
| Puerto Rico | 36.7 | 35.8 | 35.8 | 140.6 | 143.1 | 144.3 | 292.5 | 293.8 | 293.5 |
| Caguas | 1.3 | 1.3 | 1.2 | 8.7 | 9.5 | 9.5 | 16.9 | 17.5 | 17.5 |
| Mayaguez | 1.5 | 1.4 | 1.5 | 8.5 | 9.4 | 9.5 | 19.3 | 19.7 | 19.7 |
| Ponce | 1.6 | 1.7 | 1.6 | 11.7 | 12.4 | 12.5 | 18.1 | 18.7 | 18.5 |
| San Juan | 28.9 | 28.4 | 28.4 | 96.8 | 98.0 | 98.9 | 171.2 | 170.0 | 169.7 |
| Virgin Islands | 2.0 | 2.1 | 2.1 | 9.3 | 9.9 | 9.9 | 13.8 | 13.9 | 13.9 |

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

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1992 benchmarks.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

| Year and month | Total private ¹ | | | Mining | | | Construction | | |
|--|----------------------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|
| | Weekly hours | Hourly earnings | Weekly earnings | Weekly hours | Hourly earnings | Weekly earnings | Weekly hours | Hourly earnings | Weekly earnings |
| Annual averages | | | | | | | | | |
| 1964 | 38.7 | \$2.36 | \$91.33 | 41.9 | \$2.81 | \$117.74 | 37.2 | \$3.55 | \$132.06 |
| 1965 | 38.8 | 2.46 | 95.45 | 42.3 | 2.92 | 123.52 | 37.4 | 3.70 | 138.38 |
| 1966 | 38.6 | 2.56 | 98.82 | 42.7 | 3.05 | 130.24 | 37.6 | 3.89 | 146.26 |
| 1967 | 38.0 | 2.68 | 101.84 | 42.6 | 3.19 | 135.89 | 37.7 | 4.11 | 154.95 |
| 1968 | 37.8 | 2.85 | 107.73 | 42.6 | 3.35 | 142.71 | 37.3 | 4.41 | 164.49 |
| 1969 | 37.7 | 3.04 | 114.61 | 43.0 | 3.60 | 154.80 | 37.9 | 4.79 | 181.54 |
| 1970 | 37.1 | 3.23 | 119.83 | 42.7 | 3.85 | 164.40 | 37.3 | 5.24 | 195.45 |
| 1971 | 36.9 | 3.45 | 127.31 | 42.4 | 4.06 | 172.14 | 37.2 | 5.69 | 211.67 |
| 1972 | 37.0 | 3.70 | 136.90 | 42.6 | 4.44 | 189.14 | 36.5 | 6.06 | 221.19 |
| 1973 | 36.9 | 3.94 | 145.39 | 42.4 | 4.75 | 201.40 | 36.8 | 6.41 | 235.89 |
| 1974 | 36.5 | 4.24 | 154.76 | 41.9 | 5.23 | 219.14 | 36.6 | 6.81 | 249.25 |
| 1975 | 36.1 | 4.53 | 163.53 | 41.9 | 5.95 | 249.31 | 36.4 | 7.31 | 266.08 |
| 1976 | 36.1 | 4.86 | 175.45 | 42.4 | 6.46 | 273.90 | 36.8 | 7.71 | 283.73 |
| 1977 | 36.0 | 5.25 | 189.00 | 43.4 | 6.94 | 301.20 | 36.5 | 8.10 | 295.65 |
| 1978 | 35.8 | 5.69 | 203.70 | 43.4 | 7.67 | 332.88 | 36.8 | 8.66 | 318.69 |
| 1979 | 35.7 | 6.16 | 219.91 | 43.0 | 8.49 | 365.07 | 37.0 | 9.27 | 342.99 |
| 1980 | 35.3 | 6.66 | 235.10 | 43.3 | 9.17 | 397.06 | 37.0 | 9.94 | 367.78 |
| 1981 | 35.2 | 7.25 | 255.20 | 43.7 | 10.04 | 438.75 | 36.9 | 10.82 | 399.26 |
| 1982 | 34.8 | 7.68 | 267.26 | 42.7 | 10.77 | 459.88 | 36.7 | 11.63 | 426.82 |
| 1983 | 35.0 | 8.02 | 280.70 | 42.5 | 11.28 | 479.40 | 37.1 | 11.94 | 442.97 |
| 1984 | 35.2 | 8.32 | 292.86 | 43.3 | 11.63 | 503.58 | 37.8 | 12.13 | 458.51 |
| 1985 | 34.9 | 8.57 | 299.09 | 43.4 | 11.98 | 519.93 | 37.7 | 12.32 | 464.46 |
| 1986 | 34.8 | 8.76 | 304.85 | 42.2 | 12.46 | 525.81 | 37.4 | 12.48 | 466.75 |
| 1987 | 34.8 | 8.98 | 312.50 | 42.4 | 12.54 | 531.70 | 37.8 | 12.71 | 480.44 |
| 1988 | 34.7 | 9.28 | 322.02 | 42.3 | 12.80 | 541.44 | 37.9 | 13.08 | 495.73 |
| 1989 | 34.6 | 9.66 | 334.24 | 43.0 | 13.26 | 570.18 | 37.9 | 13.54 | 513.17 |
| 1990 | 34.5 | 10.01 | 345.35 | 44.1 | 13.68 | 603.29 | 38.2 | 13.77 | 526.01 |
| 1991 | 34.3 | 10.32 | 353.98 | 44.4 | 14.19 | 630.04 | 38.1 | 14.00 | 533.40 |
| 1992 | 34.4 | 10.58 | 363.95 | 43.9 | 14.54 | 638.31 | 38.0 | 14.15 | 537.70 |
| Monthly data, not seasonally adjusted | | | | | | | | | |
| 1992: | | | | | | | | | |
| May | 34.4 | \$10.53 | \$362.23 | 43.8 | \$14.48 | \$634.22 | 38.9 | \$14.10 | \$548.49 |
| June | 34.5 | 10.52 | 362.94 | 43.8 | 14.53 | 636.41 | 39.0 | 14.13 | 551.07 |
| July | 34.6 | 10.51 | 363.65 | 43.1 | 14.50 | 624.95 | 38.9 | 14.10 | 548.49 |
| August | 34.9 | 10.55 | 368.20 | 44.5 | 14.47 | 643.92 | 39.1 | 14.24 | 556.78 |
| September | 34.3 | 10.65 | 365.30 | 43.9 | 14.60 | 640.94 | 37.1 | 14.22 | 527.56 |
| October | 34.4 | 10.68 | 367.39 | 44.4 | 14.47 | 642.47 | 39.0 | 14.30 | 557.70 |
| November | 34.5 | 10.72 | 369.84 | 44.6 | 14.61 | 651.61 | 37.5 | 14.24 | 534.00 |
| December | 34.5 | 10.70 | 369.15 | 44.4 | 14.58 | 647.35 | 37.2 | 14.27 | 530.84 |
| 1993: | | | | | | | | | |
| January | 34.0 | 10.77 | 366.18 | 44.1 | 14.72 | 649.15 | 36.1 | 14.20 | 512.62 |
| February | 34.1 | 10.77 | 367.26 | 43.5 | 14.60 | 635.10 | 36.7 | 14.11 | 517.84 |
| March | 34.0 | 10.79 | 366.86 | 42.9 | 14.71 | 631.06 | 37.4 | 14.27 | 533.70 |
| April ^a | 34.2 | 10.79 | 369.02 | 43.4 | 14.90 | 646.66 | 37.8 | 14.24 | 538.27 |
| May ^a | 34.7 | 10.82 | 375.45 | 44.5 | 14.70 | 654.15 | 39.4 | 14.31 | 563.81 |

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

| Year and month | Manufacturing | | | | Transportation and public utilities | | | Wholesale trade | | |
|--|---------------|-----------------|-------------------------------------|-----------------|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Weekly hours | Hourly earnings | Hourly earnings, excluding overtime | Weekly earnings | Weekly hours | Hourly earnings | Weekly earnings | Weekly hours | Hourly earnings | Weekly earnings |
| Annual averages | | | | | | | | | | |
| 1964 | 40.7 | \$2.53 | \$2.43 | \$102.97 | 41.1 | \$2.89 | \$118.78 | 40.7 | \$2.52 | \$102.56 |
| 1965 | 41.2 | 2.61 | 2.50 | 107.53 | 41.3 | 3.03 | 125.14 | 40.8 | 2.60 | 106.08 |
| 1966 | 41.4 | 2.71 | 2.59 | 112.19 | 41.2 | 3.11 | 128.13 | 40.7 | 2.73 | 111.11 |
| 1967 | 40.6 | 2.82 | 2.71 | 114.49 | 40.5 | 3.23 | 130.82 | 40.3 | 2.87 | 115.66 |
| 1968 | 40.7 | 3.01 | 2.88 | 122.51 | 40.6 | 3.42 | 138.85 | 40.1 | 3.04 | 121.90 |
| 1969 | 40.6 | 3.19 | 3.05 | 129.51 | 40.7 | 3.63 | 147.74 | 40.2 | 3.23 | 129.85 |
| 1970 | 39.8 | 3.35 | 3.23 | 133.33 | 40.5 | 3.85 | 155.93 | 39.9 | 3.43 | 136.86 |
| 1971 | 39.9 | 3.57 | 3.45 | 142.44 | 40.1 | 4.21 | 168.82 | 39.4 | 3.64 | 143.42 |
| 1972 | 40.5 | 3.82 | 3.66 | 154.71 | 40.4 | 4.65 | 187.86 | 39.4 | 3.85 | 151.69 |
| 1973 | 40.7 | 4.09 | 3.91 | 166.46 | 40.5 | 5.02 | 203.31 | 39.2 | 4.07 | 159.54 |
| 1974 | 40.0 | 4.42 | 4.25 | 176.80 | 40.2 | 5.41 | 217.48 | 38.8 | 4.38 | 169.94 |
| 1975 | 39.5 | 4.83 | 4.67 | 190.79 | 39.7 | 5.88 | 233.44 | 38.6 | 4.72 | 182.19 |
| 1976 | 40.1 | 5.22 | 5.02 | 209.32 | 39.8 | 6.45 | 256.71 | 38.7 | 5.02 | 194.27 |
| 1977 | 40.3 | 5.68 | 5.44 | 228.90 | 39.9 | 6.99 | 278.90 | 38.8 | 5.39 | 209.13 |
| 1978 | 40.4 | 6.17 | 5.91 | 249.27 | 40.0 | 7.57 | 302.80 | 38.8 | 5.88 | 228.14 |
| 1979 | 40.2 | 6.70 | 6.43 | 269.34 | 39.9 | 8.16 | 325.58 | 38.8 | 6.39 | 247.93 |
| 1980 | 39.7 | 7.27 | 7.02 | 288.62 | 39.6 | 8.87 | 351.25 | 38.4 | 6.95 | 266.88 |
| 1981 | 39.8 | 7.99 | 7.72 | 318.00 | 39.4 | 9.70 | 382.18 | 38.5 | 7.55 | 290.68 |
| 1982 | 38.9 | 8.49 | 8.25 | 330.26 | 39.0 | 10.32 | 402.48 | 38.3 | 8.08 | 309.46 |
| 1983 | 40.1 | 8.83 | 8.52 | 354.08 | 39.0 | 10.79 | 420.81 | 38.5 | 8.54 | 328.79 |
| 1984 | 40.7 | 9.19 | 8.82 | 374.03 | 39.4 | 11.12 | 438.13 | 38.5 | 8.88 | 341.88 |
| 1985 | 40.5 | 9.54 | 9.16 | 386.37 | 39.5 | 11.40 | 450.30 | 38.4 | 9.15 | 351.36 |
| 1986 | 40.7 | 9.73 | 9.34 | 396.01 | 39.2 | 11.70 | 458.64 | 38.3 | 9.34 | 357.72 |
| 1987 | 41.0 | 9.91 | 9.48 | 406.31 | 39.2 | 12.03 | 471.58 | 38.1 | 9.59 | 365.38 |
| 1988 | 41.1 | 10.19 | 9.73 | 418.81 | 38.8 | 12.26 | 475.69 | 38.1 | 9.98 | 380.24 |
| 1989 | 41.0 | 10.48 | 10.02 | 429.68 | 38.9 | 12.60 | 490.14 | 38.0 | 10.39 | 394.82 |
| 1990 | 40.8 | 10.83 | 10.37 | 441.86 | 38.9 | 12.97 | 504.53 | 38.1 | 10.79 | 411.10 |
| 1991 | 40.7 | 11.18 | 10.71 | 455.03 | 38.7 | 13.22 | 511.61 | 38.1 | 11.15 | 424.82 |
| 1992 | 41.0 | 11.46 | 10.95 | 469.86 | 38.9 | 13.46 | 523.59 | 38.2 | 11.39 | 435.10 |
| Monthly data, not seasonally adjusted | | | | | | | | | | |
| 1992: | | | | | | | | | | |
| May | 41.1 | \$11.45 | \$10.95 | \$470.60 | 38.7 | \$13.36 | \$517.03 | 38.3 | \$11.34 | \$434.32 |
| June | 41.3 | 11.46 | 10.94 | 473.30 | 38.9 | 13.37 | 520.09 | 38.2 | 11.32 | 432.42 |
| July | 40.7 | 11.47 | 10.96 | 466.83 | 39.3 | 13.42 | 527.41 | 38.2 | 11.36 | 433.95 |
| August | 41.1 | 11.45 | 10.92 | 470.60 | 39.6 | 13.49 | 534.20 | 38.5 | 11.42 | 439.67 |
| September | 41.0 | 11.54 | 11.01 | 473.14 | 39.1 | 13.59 | 531.37 | 38.1 | 11.44 | 435.86 |
| October | 41.3 | 11.50 | 10.96 | 474.95 | 39.1 | 13.57 | 530.59 | 38.2 | 11.44 | 437.01 |
| November | 41.6 | 11.55 | 11.01 | 480.48 | 39.5 | 13.64 | 538.78 | 38.3 | 11.52 | 441.22 |
| December | 41.9 | 11.64 | 11.09 | 487.72 | 39.2 | 13.58 | 532.34 | 38.2 | 11.52 | 440.06 |
| 1993: | | | | | | | | | | |
| January | 41.1 | 11.62 | 11.11 | 477.58 | 39.0 | 13.58 | 529.62 | 37.8 | 11.59 | 438.10 |
| February | 41.1 | 11.62 | 11.11 | 477.58 | 39.1 | 13.60 | 531.76 | 37.9 | 11.61 | 440.02 |
| March | 40.9 | 11.64 | 11.14 | 476.08 | 39.2 | 13.63 | 534.30 | 37.8 | 11.59 | 438.10 |
| April ¹ | 41.0 | 11.71 | 11.19 | 480.11 | 39.2 | 13.60 | 533.12 | 38.0 | 11.70 | 444.60 |
| May ² | 41.4 | 11.73 | 11.18 | 485.62 | 39.8 | 13.55 | 539.29 | 38.5 | 11.73 | 451.61 |

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

| Year and month | Retail trade | | | Finance, insurance, and real estate | | | Services | | |
|--|--------------|-----------------|-----------------|-------------------------------------|-----------------|-----------------|--------------|-----------------|-----------------|
| | Weekly hours | Hourly earnings | Weekly earnings | Weekly hours | Hourly earnings | Weekly earnings | Weekly hours | Hourly earnings | Weekly earnings |
| Annual averages | | | | | | | | | |
| 1964 | 37.0 | \$1.75 | \$64.75 | 37.3 | \$2.30 | \$85.79 | 36.1 | \$1.94 | \$70.03 |
| 1965 | 36.6 | 1.82 | 66.61 | 37.2 | 2.39 | 88.91 | 35.9 | 2.05 | 73.60 |
| 1966 | 35.9 | 1.91 | 68.57 | 37.3 | 2.47 | 92.13 | 35.5 | 2.17 | 77.04 |
| 1967 | 35.3 | 2.01 | 70.95 | 37.1 | 2.58 | 95.72 | 35.1 | 2.29 | 80.38 |
| 1968 | 34.7 | 2.16 | 74.95 | 37.0 | 2.75 | 101.75 | 34.7 | 2.42 | 83.97 |
| 1969 | 34.2 | 2.30 | 78.66 | 37.1 | 2.93 | 108.70 | 34.7 | 2.61 | 90.57 |
| 1970 | 33.8 | 2.44 | 82.47 | 36.7 | 3.07 | 112.67 | 34.4 | 2.81 | 96.66 |
| 1971 | 33.7 | 2.60 | 87.62 | 36.6 | 3.22 | 117.85 | 33.9 | 3.04 | 103.06 |
| 1972 | 33.4 | 2.75 | 91.85 | 36.6 | 3.36 | 122.98 | 33.9 | 3.27 | 110.85 |
| 1973 | 33.1 | 2.91 | 96.32 | 36.6 | 3.53 | 129.20 | 33.8 | 3.47 | 117.29 |
| 1974 | 32.7 | 3.14 | 102.68 | 36.5 | 3.77 | 137.61 | 33.6 | 3.75 | 126.00 |
| 1975 | 32.4 | 3.36 | 108.86 | 36.5 | 4.06 | 148.19 | 33.5 | 4.02 | 134.67 |
| 1976 | 32.1 | 3.57 | 114.60 | 36.4 | 4.27 | 155.43 | 33.3 | 4.31 | 143.52 |
| 1977 | 31.6 | 3.85 | 121.66 | 36.4 | 4.54 | 165.26 | 33.0 | 4.65 | 153.45 |
| 1978 | 31.0 | 4.20 | 130.20 | 36.4 | 4.89 | 178.00 | 32.8 | 4.99 | 163.67 |
| 1979 | 30.6 | 4.53 | 138.62 | 36.2 | 5.27 | 190.77 | 32.7 | 5.36 | 175.27 |
| 1980 | 30.2 | 4.88 | 147.38 | 36.2 | 5.79 | 209.60 | 32.6 | 5.85 | 190.71 |
| 1981 | 30.1 | 5.25 | 158.03 | 36.3 | 6.31 | 229.05 | 32.6 | 6.41 | 208.97 |
| 1982 | 29.9 | 5.48 | 163.85 | 36.2 | 6.78 | 245.44 | 32.6 | 6.92 | 225.59 |
| 1983 | 29.8 | 5.74 | 171.05 | 36.2 | 7.29 | 263.90 | 32.7 | 7.31 | 239.04 |
| 1984 | 29.8 | 5.85 | 174.33 | 36.5 | 7.63 | 278.50 | 32.6 | 7.59 | 247.43 |
| 1985 | 29.4 | 5.94 | 174.64 | 36.4 | 7.94 | 289.02 | 32.5 | 7.90 | 256.75 |
| 1986 | 29.2 | 6.03 | 176.08 | 36.4 | 8.36 | 304.30 | 32.5 | 8.18 | 265.85 |
| 1987 | 29.2 | 6.12 | 178.70 | 36.3 | 8.73 | 316.90 | 32.5 | 8.49 | 275.93 |
| 1988 | 29.1 | 6.31 | 183.62 | 35.9 | 9.06 | 325.25 | 32.6 | 8.88 | 289.49 |
| 1989 | 28.9 | 6.53 | 188.72 | 35.8 | 9.53 | 341.17 | 32.6 | 9.38 | 305.79 |
| 1990 | 28.8 | 6.75 | 194.40 | 35.8 | 9.97 | 356.93 | 32.5 | 9.83 | 319.48 |
| 1991 | 28.6 | 6.94 | 198.48 | 35.7 | 10.39 | 370.92 | 32.4 | 10.23 | 331.45 |
| 1992 | 28.8 | 7.13 | 205.34 | 35.8 | 10.82 | 387.36 | 32.5 | 10.55 | 342.88 |
| Monthly data, not seasonally adjusted | | | | | | | | | |
| 1992: | | | | | | | | | |
| May | 28.7 | \$7.09 | \$203.48 | 35.6 | \$10.75 | \$382.70 | 32.4 | \$10.48 | \$339.55 |
| June | 29.0 | 7.09 | 205.61 | 35.6 | 10.69 | 380.56 | 32.5 | 10.43 | 338.98 |
| July | 29.3 | 7.09 | 207.74 | 35.6 | 10.72 | 381.63 | 32.7 | 10.42 | 340.73 |
| August | 29.6 | 7.09 | 209.86 | 36.3 | 10.83 | 393.13 | 33.0 | 10.46 | 345.18 |
| September | 29.0 | 7.21 | 209.09 | 35.5 | 10.84 | 384.82 | 32.2 | 10.62 | 341.96 |
| October | 28.7 | 7.19 | 206.35 | 35.6 | 10.90 | 388.04 | 32.4 | 10.65 | 345.06 |
| November | 28.7 | 7.21 | 206.93 | 36.2 | 11.05 | 400.01 | 32.6 | 10.73 | 349.80 |
| December | 29.2 | 7.20 | 210.24 | 35.6 | 11.03 | 392.67 | 32.3 | 10.76 | 347.55 |
| 1993: | | | | | | | | | |
| January | 28.0 | 7.27 | 203.56 | 35.7 | 11.13 | 397.34 | 32.2 | 10.83 | 348.73 |
| February | 28.2 | 7.26 | 204.73 | 35.7 | 11.19 | 399.48 | 32.3 | 10.83 | 349.81 |
| March | 27.8 | 7.28 | 202.38 | 35.5 | 11.17 | 396.54 | 32.3 | 10.81 | 349.16 |
| April ^p | 28.5 | 7.27 | 207.20 | 35.7 | 11.21 | 400.20 | 32.3 | 10.78 | 348.19 |
| May ^p | 29.0 | 7.29 | 211.41 | 36.2 | 11.34 | 410.51 | 32.7 | 10.79 | 352.83 |

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

^p = preliminary.

NOTE: Data in this table have been revised to reflect March 1992 benchmarks. Thus, data beginning in April 1991 may differ slightly from those previously published. See the article in this issue for additional information.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|---|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P |
| Total private | | 34.4 | 34.1 | 34.0 | 34.2 | 34.7 | - | - | - | - | - |
| Mining | | 43.9 | 43.5 | 42.9 | 43.4 | 44.5 | - | - | - | - | - |
| Metal mining | 10 | 42.9 | 43.2 | 42.3 | 43.6 | - | - | - | - | - | |
| Iron ores | 101 | 41.6 | 42.4 | 42.1 | 43.3 | - | - | - | - | - | |
| Copper ores | 102 | 44.6 | 45.7 | 44.4 | 47.8 | - | - | - | - | - | |
| Coal mining | 12 | 44.0 | 43.6 | 43.7 | 44.7 | - | - | - | - | - | |
| Bituminous coal and lignite mining | 122 | 44.1 | 43.6 | 43.9 | 44.8 | - | - | - | - | - | |
| Oil and gas extraction | 13 | 43.8 | 43.2 | 42.4 | 42.1 | - | - | - | - | - | |
| Crude petroleum and natural gas | 131 | 41.6 | 41.2 | 40.9 | 41.6 | - | - | - | - | - | |
| Oil and gas field services | 138 | 45.3 | 44.6 | 43.4 | 42.4 | - | - | - | - | - | |
| Nonmetallic minerals, except fuels | 14 | 44.9 | 44.8 | 43.9 | 45.6 | - | - | - | - | - | |
| Crushed and broken stone | 142 | 45.2 | 45.3 | 44.7 | 46.6 | - | - | - | - | - | |
| Construction | | 38.0 | 38.2 | 37.4 | 37.8 | 39.4 | - | - | - | - | |
| General building contractors | 15 | 37.5 | 37.5 | 37.0 | 37.5 | - | - | - | - | - | |
| Residential building construction | 152 | 36.6 | 36.7 | 36.2 | 36.7 | - | - | - | - | - | |
| Operative builders | 153 | 38.3 | 38.7 | 37.4 | 38.1 | - | - | - | - | - | |
| Nonresidential building construction | 154 | 38.4 | 38.3 | 37.8 | 38.1 | - | - | - | - | - | |
| Heavy construction, except building | 16 | 41.6 | 42.2 | 41.2 | 41.1 | - | - | - | - | - | |
| Highway and street construction | 161 | 42.3 | 42.1 | 40.6 | 41.4 | - | - | - | - | - | |
| Heavy construction, except highway | 162 | 41.4 | 42.2 | 41.3 | 40.9 | - | - | - | - | - | |
| Special trade contractors | 17 | 37.2 | 37.3 | 36.6 | 37.0 | - | - | - | - | - | |
| Plumbing, heating, and air conditioning | 171 | 38.7 | 38.6 | 38.0 | 38.1 | - | - | - | - | - | |
| Painting and paper hanging | 172 | 36.1 | 36.2 | 35.7 | 36.6 | - | - | - | - | - | |
| Electrical work | 173 | 38.8 | 39.0 | 38.6 | 38.6 | - | - | - | - | - | |
| Masonry, stonework, and plastering | 174 | 34.6 | 35.1 | 34.3 | 34.9 | - | - | - | - | - | |
| Carpentry and floor work | 175 | 35.2 | 34.8 | 34.7 | 35.1 | - | - | - | - | - | |
| Roofing, siding, and sheet metal work | 176 | 33.7 | 33.6 | 31.8 | 33.2 | - | - | - | - | - | |
| Manufacturing | | 41.0 | 40.4 | 40.9 | 41.0 | 41.4 | 3.8 | 3.4 | 3.7 | 3.8 | 4.0 |
| Durable goods | | 41.5 | 40.9 | 41.7 | 41.6 | 42.2 | 3.7 | 3.3 | 3.9 | 3.9 | 4.2 |
| Lumber and wood products | 24 | 40.6 | 40.5 | 40.2 | 40.2 | 41.1 | 3.8 | 3.6 | 3.5 | 3.6 | - |
| Logging | 241 | 40.5 | 40.5 | 39.9 | 40.3 | - | 5.0 | 4.7 | 4.8 | 5.5 | - |
| Sawmills and planing mills | 242 | 41.6 | 41.5 | 41.5 | 41.5 | - | 4.4 | 4.3 | 4.4 | 4.3 | - |
| Sawmills and planing mills, general | 2421 | 42.0 | 42.1 | 41.8 | 41.9 | - | 4.7 | 4.7 | 4.7 | 4.6 | - |
| Hardwood dimension and flooring mills | 2426 | 40.4 | 39.6 | 40.4 | 40.1 | - | 3.3 | 2.9 | 3.3 | 3.2 | - |
| Millwork, plywood, and structural members | 243 | 40.6 | 40.5 | 40.0 | 39.7 | - | 3.5 | 3.5 | 3.1 | 3.1 | - |
| Millwork | 2431 | 39.9 | 39.7 | 39.2 | 38.4 | - | 2.9 | 2.7 | 2.5 | 2.3 | - |
| Wood kitchen cabinets | 2434 | 40.2 | 40.3 | 39.4 | 39.8 | - | 3.5 | 3.7 | 2.7 | 2.9 | - |
| Hardwood veneer and plywood | 2435 | 41.4 | 41.8 | 41.1 | 41.1 | - | 4.1 | 4.2 | 4.2 | 4.2 | - |
| Softwood veneer and plywood | 2436 | 43.0 | 42.6 | 43.6 | 42.2 | - | 5.0 | 4.8 | 5.1 | 4.8 | - |
| Wood containers | 244 | 39.1 | 38.8 | 39.0 | 39.0 | - | 2.9 | 2.6 | 3.2 | 3.2 | - |
| Wood buildings and mobile homes | 245 | 39.5 | 38.9 | 38.5 | 40.0 | - | 2.8 | 2.3 | 2.3 | 3.0 | - |
| Mobile homes | 2451 | 39.7 | 39.3 | 38.9 | 40.2 | - | 3.0 | 2.5 | 2.4 | 3.2 | - |
| Miscellaneous wood products | 249 | 40.0 | 39.5 | 39.7 | 39.8 | - | 3.1 | 2.8 | 2.8 | 2.7 | - |
| Furniture and fixtures | 25 | 39.7 | 39.1 | 39.7 | 39.6 | 39.6 | 2.8 | 2.3 | 2.6 | 2.7 | - |
| Household furniture | 251 | 38.9 | 38.3 | 39.2 | 39.0 | - | 2.3 | 1.9 | 2.4 | 2.5 | - |
| Wood household furniture | 2511 | 39.1 | 38.7 | 39.4 | 39.9 | - | 2.2 | 1.9 | 2.4 | 2.7 | - |
| Upholstered household furniture | 2512 | 37.7 | 36.5 | 38.7 | 38.0 | - | 1.9 | 1.3 | 2.0 | 1.8 | - |
| Metal household furniture | 2514 | 40.8 | 41.3 | 40.8 | 40.8 | - | 3.5 | 4.0 | 3.5 | 4.4 | - |
| Mattresses and bedspings | 2515 | 40.2 | 38.7 | 38.9 | 38.2 | - | 2.9 | 1.6 | 3.0 | 2.7 | - |
| Office furniture | 252 | 40.0 | 39.5 | 40.6 | 40.0 | - | 2.9 | 2.6 | 2.9 | 2.7 | - |
| Public building and related furniture | 253 | 42.2 | 41.5 | 40.6 | 40.8 | - | 4.1 | 3.4 | 3.2 | 3.3 | - |
| Partitions and fixtures | 254 | 41.1 | 40.7 | 40.3 | 40.3 | - | 3.9 | 3.3 | 3.0 | 3.1 | - |
| Miscellaneous furniture and fixtures | 259 | 40.9 | 39.6 | 40.4 | 41.4 | - | 3.0 | 2.3 | 2.2 | 3.3 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|---|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P |
| Total private | | \$10.58 | \$10.53 | \$10.79 | \$10.79 | \$10.82 | \$363.95 | \$359.07 | \$366.86 | \$369.02 | \$375.45 |
| Mining | | 14.54 | 14.54 | 14.71 | 14.90 | 14.70 | 638.31 | 632.49 | 631.06 | 646.66 | 654.15 |
| Metal mining | 10 | 15.26 | 15.07 | 15.21 | 15.29 | - | 654.65 | 651.02 | 643.38 | 666.64 | - |
| Iron ores | 101 | 16.52 | 16.42 | 15.74 | 17.68 | - | 687.23 | 696.21 | 662.65 | 765.54 | - |
| Copper ores | 102 | 13.83 | 13.55 | 13.95 | 13.97 | - | 616.82 | 619.24 | 619.38 | 667.77 | - |
| Coal mining | 12 | 17.15 | 17.10 | 17.29 | 17.52 | - | 754.60 | 745.56 | 755.57 | 783.14 | - |
| Bituminous coal and lignite mining | 122 | 17.28 | 17.22 | 17.47 | 17.71 | - | 762.05 | 750.79 | 766.93 | 793.41 | - |
| Oil and gas extraction | 13 | 14.01 | 14.12 | 14.25 | 14.51 | - | 613.64 | 609.98 | 604.20 | 610.87 | - |
| Crude petroleum and natural gas | 131 | 16.74 | 16.86 | 17.01 | 17.35 | - | 696.38 | 694.63 | 695.71 | 721.76 | - |
| Oil and gas field services | 138 | 12.16 | 12.15 | 12.43 | 12.59 | - | 550.85 | 541.89 | 539.46 | 533.82 | - |
| Nonmetallic minerals, except fuels | 14 | 12.27 | 12.12 | 12.47 | 12.57 | - | 550.92 | 542.98 | 547.43 | 573.19 | - |
| Crushed and broken stone | 142 | 11.55 | 11.37 | 11.62 | 11.87 | - | 522.06 | 515.06 | 519.41 | 553.14 | - |
| Construction | | 14.15 | 14.06 | 14.27 | 14.24 | 14.31 | 537.70 | 537.09 | 533.70 | 538.27 | 563.81 |
| General building contractors | 15 | 13.45 | 13.36 | 13.60 | 13.60 | - | 504.38 | 501.00 | 503.20 | 510.00 | - |
| Residential building construction | 152 | 12.47 | 12.38 | 12.68 | 12.66 | - | 456.40 | 454.35 | 459.02 | 464.62 | - |
| Operative builders | 153 | 13.91 | 14.26 | 14.04 | 13.57 | - | 532.75 | 551.86 | 525.10 | 517.02 | - |
| Nonresidential building construction | 154 | 14.28 | 14.19 | 14.41 | 14.44 | - | 548.35 | 543.48 | 544.70 | 550.16 | - |
| Heavy construction, except building | 16 | 13.96 | 13.74 | 13.94 | 13.85 | - | 580.74 | 579.83 | 574.33 | 569.24 | - |
| Highway and street construction | 161 | 13.60 | 12.93 | 13.01 | 13.28 | - | 575.28 | 544.35 | 528.21 | 549.79 | - |
| Heavy construction, except highway | 162 | 14.12 | 14.06 | 14.24 | 14.09 | - | 584.57 | 593.33 | 588.11 | 576.28 | - |
| Special trade contractors | 17 | 14.46 | 14.41 | 14.60 | 14.58 | - | 537.91 | 537.49 | 534.36 | 539.46 | - |
| Plumbing, heating, and air conditioning | 171 | 14.86 | 14.89 | 15.01 | 15.03 | - | 575.08 | 574.75 | 570.38 | 572.64 | - |
| Painting and paper hanging | 172 | 13.16 | 13.11 | 13.19 | 13.11 | - | 475.08 | 474.58 | 470.88 | 479.83 | - |
| Electrical work | 173 | 15.46 | 15.43 | 15.62 | 15.69 | - | 599.85 | 601.77 | 602.93 | 605.63 | - |
| Masonry, stonework, and plastering | 174 | 14.50 | 14.45 | 14.46 | 14.60 | - | 501.70 | 507.20 | 495.98 | 509.54 | - |
| Carpentry and floor work | 175 | 14.45 | 14.49 | 14.25 | 14.25 | - | 508.64 | 504.25 | 494.48 | 500.18 | - |
| Roofing, siding, and sheet metal work | 176 | 12.46 | 12.31 | 12.52 | 12.46 | - | 419.90 | 413.62 | 398.14 | 413.67 | - |
| Manufacturing | | 11.46 | 11.42 | 11.64 | 11.71 | 11.73 | 469.86 | 461.37 | 476.08 | 480.11 | 485.62 |
| Durable goods | | 12.02 | 11.96 | 12.21 | 12.26 | 12.31 | 498.83 | 489.16 | 509.16 | 510.02 | 519.48 |
| Lumber and wood products | 24 | 9.44 | 9.36 | 9.50 | 9.51 | 9.59 | 383.26 | 379.08 | 381.90 | 382.30 | 394.15 |
| Logging | 241 | 11.19 | 11.06 | 11.39 | 11.56 | - | 453.20 | 447.93 | 454.46 | 465.87 | - |
| Sawmills and planing mills | 242 | 9.59 | 9.49 | 9.73 | 9.69 | - | 398.94 | 393.84 | 403.80 | 402.14 | - |
| Sawmills and planing mills, general | 2421 | 9.95 | 9.81 | 10.13 | 10.07 | - | 417.90 | 413.00 | 423.43 | 421.93 | - |
| Hardwood dimension and flooring mills | 2426 | 8.01 | 8.02 | 8.08 | 8.07 | - | 323.60 | 317.59 | 326.43 | 323.61 | - |
| Millwork, plywood, and structural members | 243 | 9.48 | 9.44 | 9.51 | 9.55 | - | 384.89 | 382.32 | 380.40 | 379.14 | - |
| Millwork | 2431 | 9.73 | 9.64 | 9.65 | 9.71 | - | 388.23 | 382.71 | 378.28 | 372.86 | - |
| Wood kitchen cabinets | 2434 | 8.94 | 8.98 | 8.89 | 8.94 | - | 359.39 | 361.89 | 350.27 | 355.81 | - |
| Hardwood veneer and plywood | 2435 | 8.17 | 8.17 | 8.24 | 8.35 | - | 338.24 | 341.51 | 338.66 | 343.19 | - |
| Softwood veneer and plywood | 2436 | 10.93 | 10.77 | 11.30 | 11.33 | - | 469.99 | 458.80 | 492.68 | 478.13 | - |
| Wood containers | 244 | 6.89 | 6.89 | 6.92 | 6.96 | - | 269.40 | 267.33 | 269.88 | 271.44 | - |
| Wood buildings and mobile homes | 245 | 9.18 | 9.16 | 9.18 | 9.19 | - | 362.61 | 356.32 | 353.43 | 367.60 | - |
| Mobile homes | 2451 | 9.21 | 9.17 | 9.25 | 9.24 | - | 365.64 | 360.38 | 359.83 | 371.45 | - |
| Miscellaneous wood products | 249 | 8.79 | 8.71 | 8.80 | 8.85 | - | 351.60 | 344.05 | 349.36 | 352.23 | - |
| Furniture and fixtures | 25 | 9.01 | 8.93 | 9.11 | 9.14 | 9.17 | 357.70 | 349.16 | 361.67 | 361.94 | 363.13 |
| Household furniture | 251 | 8.39 | 8.30 | 8.57 | 8.58 | - | 326.37 | 317.89 | 335.94 | 334.62 | - |
| Wood household furniture | 2511 | 7.84 | 7.74 | 8.01 | 8.03 | - | 306.54 | 299.54 | 315.59 | 320.40 | - |
| Upholstered household furniture | 2512 | 9.23 | 9.19 | 9.39 | 9.40 | - | 347.97 | 335.44 | 363.39 | 357.20 | - |
| Metal household furniture | 2514 | 8.43 | 8.36 | 8.52 | 8.58 | - | 343.94 | 345.27 | 347.62 | 350.06 | - |
| Mattresses and bedsprings | 2515 | 8.72 | 8.50 | 8.96 | 8.89 | - | 350.54 | 328.95 | 348.54 | 339.60 | - |
| Office furniture | 252 | 9.81 | 9.89 | 9.89 | 9.91 | - | 392.40 | 390.66 | 401.53 | 396.40 | - |
| Public building and related furniture | 253 | 9.56 | 9.45 | 9.67 | 9.57 | - | 403.43 | 392.18 | 392.60 | 390.46 | - |
| Partitions and fixtures | 254 | 10.34 | 10.25 | 10.28 | 10.36 | - | 424.97 | 417.18 | 414.28 | 417.51 | - |
| Miscellaneous furniture and fixtures | 259 | 9.39 | 9.30 | 9.43 | 9.57 | - | 384.05 | 368.28 | 380.97 | 396.20 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|--|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P |
| Durable goods—Continued | | | | | | | | | | | |
| Stone, clay, and glass products | 32 | 42.2 | 42.1 | 41.4 | 42.1 | 43.2 | 4.9 | 4.7 | 4.4 | 4.7 | - |
| Flat glass | 321 | 44.6 | 44.0 | 45.0 | 43.6 | - | 5.9 | 6.0 | 6.9 | 4.4 | - |
| Glass and glassware, pressed or blown | 322 | 42.5 | 42.6 | 41.7 | 42.6 | - | 4.7 | 4.5 | 4.4 | 5.0 | - |
| Glass containers | 3221 | 43.1 | 44.0 | 42.6 | 44.0 | - | 5.8 | 5.5 | 5.6 | 6.6 | - |
| Pressed and blown glass, nec | 3229 | 41.9 | 41.3 | 40.8 | 41.2 | - | 3.6 | 3.6 | 3.3 | 3.5 | - |
| Products of purchased glass | 323 | 41.3 | 39.9 | 41.0 | 40.7 | - | 3.2 | 2.4 | 2.7 | 2.5 | - |
| Cement, hydraulic | 324 | 42.3 | 41.8 | 42.2 | 42.6 | - | 4.0 | 3.8 | 4.2 | 4.4 | - |
| Structural clay products | 325 | 40.8 | 41.0 | 40.2 | 41.4 | - | 3.3 | 3.1 | 3.2 | 3.6 | - |
| Pottery and related products | 326 | 40.8 | 39.5 | 41.6 | 42.1 | - | 3.2 | 2.4 | 3.0 | 3.7 | - |
| Concrete, gypsum, and plaster products | 327 | 43.0 | 43.6 | 41.1 | 42.3 | - | 6.3 | 6.5 | 5.2 | 5.9 | - |
| Concrete block and brick | 3271 | 44.1 | 44.7 | 41.9 | 43.8 | - | 6.4 | 6.7 | 5.5 | 6.2 | - |
| Concrete products, nec | 3272 | 42.9 | 42.4 | 42.1 | 42.2 | - | 5.4 | 5.0 | 4.6 | 4.8 | - |
| Ready-mixed concrete | 3273 | 42.1 | 43.4 | 39.6 | 41.6 | - | 6.5 | 7.1 | 5.3 | 6.2 | - |
| Misc. nonmetallic mineral products | 329 | 42.2 | 41.5 | 41.8 | 42.6 | - | 4.7 | 4.4 | 4.6 | 4.8 | - |
| Abrasive products | 3291 | 41.5 | 39.9 | 43.0 | 43.1 | - | 3.5 | 2.8 | 4.5 | 4.5 | - |
| Asbestos products | 3292 | 41.3 | 42.7 | 41.8 | 42.6 | - | 5.4 | 7.1 | 4.1 | 5.5 | - |
| Primary metal industries | 33 | 43.0 | 42.6 | 43.5 | 43.6 | 43.6 | 5.0 | 4.7 | 5.3 | 5.4 | - |
| Blast furnaces and basic steel products | 331 | 43.5 | 43.3 | 43.9 | 44.1 | 43.9 | 5.3 | 5.2 | 5.8 | 5.8 | - |
| Blast furnaces and steel mills | 3312 | 43.6 | 43.4 | 44.0 | 44.2 | - | 5.4 | 5.4 | 6.1 | 6.0 | - |
| Steel pipe and tubes | 3317 | 42.9 | 41.9 | 43.4 | 44.1 | - | 4.7 | 3.8 | 4.2 | 4.8 | - |
| Iron and steel foundries | 332 | 42.9 | 41.9 | 43.8 | 43.4 | - | 4.8 | 4.0 | 5.2 | 5.1 | - |
| Gray and ductile iron foundries | 3321 | 43.3 | 42.1 | 44.0 | 43.7 | - | 5.2 | 4.3 | 5.1 | 5.2 | - |
| Malleable iron foundries | 3322 | 44.8 | 45.1 | 44.9 | 44.2 | - | 6.7 | 6.3 | 7.9 | 8.6 | - |
| Steel foundries, nec | 3325 | 41.7 | 41.0 | 43.6 | 42.7 | - | 3.9 | 3.1 | 5.3 | 4.6 | - |
| Primary nonferrous metals | 333 | 43.4 | 44.0 | 42.3 | 42.9 | - | 5.4 | 5.3 | 4.7 | 5.0 | - |
| Primary aluminum | 3334 | 43.1 | 43.4 | 42.0 | 42.1 | - | 5.6 | 5.6 | 4.7 | 4.8 | - |
| Nonferrous rolling and drawing | 335 | 43.3 | 43.0 | 43.8 | 44.5 | - | 5.6 | 5.3 | 5.6 | 6.3 | - |
| Copper rolling and drawing | 3351 | 43.0 | 42.6 | 43.2 | 43.7 | - | 6.2 | 5.8 | 6.1 | 6.5 | - |
| Aluminum sheet, plate, and foil | 3353 | 45.3 | 44.7 | 45.8 | 47.4 | - | 7.6 | 7.3 | 7.2 | 8.0 | - |
| Nonferrous wire drawing and insulating | 3357 | 42.1 | 41.5 | 43.3 | 43.9 | - | 4.6 | 4.1 | 5.1 | 5.8 | - |
| Nonferrous foundries (castings) | 336 | 41.1 | 40.7 | 41.8 | 41.0 | - | 3.4 | 2.9 | 3.8 | 3.7 | - |
| Aluminum foundries | 3365 | 41.4 | 41.4 | 41.5 | 41.0 | - | 3.7 | 3.5 | 3.8 | 3.9 | - |
| Fabricated metal products | 34 | 41.6 | 40.8 | 41.5 | 41.4 | 41.9 | 3.8 | 3.2 | 3.7 | 3.7 | - |
| Metal cans and shipping containers | 341 | 43.3 | 42.4 | 42.2 | 43.3 | - | 5.7 | 5.4 | 4.8 | 5.5 | - |
| Metal cans | 3411 | 43.6 | 42.9 | 41.9 | 43.1 | - | 5.7 | 5.6 | 4.6 | 5.4 | - |
| Cutlery, handtools, and hardware | 342 | 41.2 | 40.4 | 41.1 | 40.4 | - | 3.0 | 2.5 | 2.9 | 2.8 | - |
| Hand and edge tools, and blades and handsaws | 3423,5 | 41.0 | 40.2 | 41.0 | 40.2 | - | 3.0 | 2.2 | 2.9 | 2.6 | - |
| Hardware, nec | 3429 | 41.0 | 40.3 | 40.5 | 40.0 | - | 2.8 | 2.5 | 2.7 | 2.7 | - |
| Plumbing and heating, except electric | 343 | 41.6 | 39.8 | 41.1 | 41.2 | - | 3.8 | 2.8 | 3.5 | 3.4 | - |
| Plumbing fixture fittings and trim | 3432 | 42.2 | 40.4 | 41.0 | 40.3 | - | 4.1 | 3.2 | 3.6 | 2.8 | - |
| Heating equipment, except electric | 3433 | 39.7 | 37.1 | 39.5 | 38.9 | - | 2.6 | 1.0 | 1.9 | 1.5 | - |
| Fabricated structural metal products | 344 | 41.1 | 40.2 | 40.3 | 40.6 | - | 3.6 | 2.8 | 3.2 | 3.4 | - |
| Fabricated structural metal | 3441 | 41.4 | 40.1 | 41.3 | 41.1 | - | 4.1 | 2.9 | 4.0 | 3.8 | - |
| Metal doors, sash, and trim | 3442 | 40.1 | 39.2 | 38.5 | 39.0 | - | 2.9 | 2.2 | 2.2 | 2.4 | - |
| Fabricated plate work (boiler shops) | 3443 | 42.4 | 41.8 | 41.8 | 41.6 | - | 4.2 | 3.5 | 3.9 | 4.2 | - |
| Sheet metal work | 3444 | 40.5 | 39.8 | 40.0 | 40.1 | - | 3.1 | 2.3 | 2.9 | 2.9 | - |
| Architectural metal work | 3446 | 40.0 | 38.9 | 38.6 | 39.6 | - | 3.3 | 2.8 | 2.5 | 3.0 | - |
| Screw machine products, bolts, etc | 345 | 41.5 | 40.5 | 42.5 | 41.9 | - | 4.0 | 3.5 | 4.6 | 4.4 | - |
| Screw machine products | 3451 | 41.2 | 40.7 | 42.0 | 41.4 | - | 3.6 | 3.2 | 4.3 | 3.9 | - |
| Bolts, nuts, rivets, and washers | 3452 | 41.8 | 40.2 | 43.0 | 42.5 | - | 4.4 | 3.9 | 5.0 | 4.9 | - |
| Metal forgings and stampings | 346 | 42.1 | 41.5 | 43.2 | 42.7 | - | 3.9 | 3.6 | 4.6 | 4.3 | - |
| Iron and steel forgings | 3462 | 41.4 | 40.4 | 41.7 | 40.9 | - | 3.6 | 3.1 | 3.6 | 3.8 | - |
| Automotive stampings | 3465 | 42.9 | 42.4 | 44.4 | 44.1 | - | 4.2 | 4.1 | 5.4 | 5.0 | - |
| Metal stampings, nec | 3469 | 41.1 | 40.3 | 41.9 | 41.4 | - | 3.5 | 2.9 | 3.7 | 3.4 | - |
| Metal services, nec | 347 | 41.1 | 40.5 | 41.1 | 40.6 | - | 3.8 | 3.4 | 3.8 | 3.6 | - |
| Plating and polishing | 3471 | 40.5 | 40.1 | 40.6 | 40.2 | - | 3.4 | 3.0 | 3.4 | 3.2 | - |
| Metal coating and allied services | 3479 | 42.0 | 41.2 | 41.8 | 41.3 | - | 4.5 | 4.0 | 4.4 | 4.3 | - |
| Ordnance and accessories, nec | 348 | 42.1 | 41.4 | 41.8 | 41.7 | - | 3.8 | 3.5 | 2.9 | 3.0 | - |
| Ammunition, except for small arms, nec | 3483 | 41.5 | 40.3 | 41.3 | 41.2 | - | 3.4 | 2.9 | 2.5 | 2.5 | - |
| Misc. fabricated metal products | 349 | 41.6 | 41.0 | 41.7 | 41.6 | - | 3.6 | 3.1 | 3.6 | 3.7 | - |
| Valves and pipe fittings, nec | 3494 | 42.1 | 41.3 | 41.4 | 41.4 | - | 3.7 | 3.1 | 3.6 | 3.4 | - |
| Misc. fabricated wire products | 3496 | 40.6 | 39.8 | 40.9 | 41.3 | - | 3.1 | 2.5 | 2.7 | 3.4 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|--|---------------|-------------------------|-----------|-----------|------------------------|-----------------------|-------------------------|-----------|-----------|------------------------|-----------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Durable goods—Continued | | | | | | | | | | | |
| Stone, clay, and glass products | 32 | \$11.60 | \$11.56 | \$11.70 | \$11.79 | \$11.81 | \$489.52 | \$486.68 | \$484.38 | \$496.36 | \$510.19 |
| Flat glass | 321 | 16.49 | 16.58 | 17.10 | 16.91 | - | 735.45 | 729.52 | 769.50 | 737.28 | - |
| Glass and glassware, pressed or blown | 322 | 13.02 | 13.06 | 13.11 | 13.33 | - | 553.35 | 556.36 | 546.69 | 567.86 | - |
| Glass containers | 3221 | 13.70 | 13.75 | 13.53 | 13.95 | - | 590.47 | 605.00 | 576.38 | 613.80 | - |
| Pressed and blown glass, nec | 3229 | 12.38 | 12.39 | 12.71 | 12.72 | - | 518.72 | 511.71 | 518.57 | 524.06 | - |
| Products of purchased glass | 323 | 10.02 | 9.87 | 10.24 | 10.35 | - | 413.83 | 393.81 | 419.84 | 421.25 | - |
| Cement, hydraulic | 324 | 14.74 | 14.69 | 14.95 | 15.15 | - | 623.50 | 614.04 | 630.89 | 645.39 | - |
| Structural clay products | 325 | 10.00 | 9.99 | 10.25 | 10.31 | - | 408.00 | 409.59 | 412.05 | 426.83 | - |
| Pottery and related products | 326 | 10.04 | 10.00 | 10.02 | 10.10 | - | 409.63 | 395.00 | 416.83 | 425.21 | - |
| Concrete, gypsum, and plaster products | 327 | 11.13 | 11.04 | 11.13 | 11.23 | - | 478.59 | 481.34 | 457.44 | 475.03 | - |
| Concrete block and brick | 3271 | 10.45 | 10.25 | 10.47 | 10.54 | - | 460.85 | 458.18 | 438.69 | 461.65 | - |
| Concrete products, nec | 3272 | 10.04 | 9.89 | 10.03 | 10.13 | - | 430.72 | 419.34 | 422.26 | 427.49 | - |
| Ready-mixed concrete | 3273 | 11.84 | 11.80 | 11.85 | 11.89 | - | 498.46 | 512.12 | 469.26 | 494.62 | - |
| Misc. nonmetallic mineral products | 329 | 12.17 | 12.15 | 12.26 | 12.43 | - | 513.57 | 504.23 | 512.47 | 529.52 | - |
| Abrasive products | 3291 | 10.34 | 10.23 | 10.64 | 10.56 | - | 429.11 | 408.18 | 457.52 | 455.14 | - |
| Asbestos products | 3292 | 12.62 | 12.42 | 13.28 | 13.59 | - | 521.21 | 530.33 | 555.10 | 578.93 | - |
| Primary metal industries | 33 | 13.66 | 13.63 | 13.82 | 13.96 | 13.90 | 587.38 | 580.64 | 601.17 | 608.66 | 606.04 |
| Blast furnaces and basic steel products | 331 | 15.88 | 15.87 | 16.21 | 16.42 | 16.19 | 690.78 | 687.17 | 711.62 | 724.12 | 710.74 |
| Blast furnaces and steel mills | 3312 | 16.87 | 16.86 | 17.30 | 17.56 | - | 735.53 | 731.72 | 761.20 | 776.15 | - |
| Steel pipe and tubes | 3317 | 12.43 | 12.38 | 12.51 | 12.61 | - | 533.25 | 518.72 | 542.93 | 556.10 | - |
| Iron and steel foundries | 332 | 12.15 | 12.09 | 12.18 | 12.27 | - | 521.24 | 506.57 | 533.48 | 532.52 | - |
| Gray and ductile iron foundries | 3321 | 12.57 | 12.52 | 12.61 | 12.72 | - | 544.28 | 527.09 | 554.84 | 555.86 | - |
| Malleable iron foundries | 3322 | 12.92 | 12.73 | 13.20 | 13.60 | - | 578.82 | 574.12 | 592.68 | 601.12 | - |
| Steel foundries, nec | 3325 | 11.54 | 11.46 | 11.67 | 11.68 | - | 481.22 | 469.86 | 508.81 | 498.74 | - |
| Primary nonferrous metals | 333 | 14.93 | 14.62 | 14.89 | 15.09 | - | 647.96 | 643.28 | 629.85 | 647.36 | - |
| Primary aluminum | 3334 | 15.25 | 14.96 | 15.06 | 15.25 | - | 657.28 | 649.26 | 632.52 | 642.03 | - |
| Nonferrous rolling and drawing | 335 | 12.91 | 12.89 | 13.09 | 13.11 | - | 559.00 | 554.27 | 573.34 | 583.40 | - |
| Copper rolling and drawing | 3351 | 12.42 | 12.29 | 12.49 | 12.72 | - | 534.06 | 523.55 | 539.57 | 555.86 | - |
| Aluminum sheet, plate, and foil | 3353 | 15.57 | 15.63 | 15.55 | 15.56 | - | 705.32 | 698.66 | 712.19 | 737.54 | - |
| Nonferrous wire drawing and insulating | 3357 | 12.82 | 12.73 | 13.13 | 13.08 | - | 539.72 | 528.30 | 568.53 | 574.21 | - |
| Nonferrous foundries (castings) | 336 | 10.87 | 10.75 | 11.09 | 11.16 | - | 446.76 | 437.53 | 463.56 | 457.56 | - |
| Aluminum foundries | 3365 | 10.44 | 10.44 | 10.59 | 10.69 | - | 432.22 | 432.22 | 439.49 | 438.29 | - |
| Fabricated metal products | 34 | 11.43 | 11.41 | 11.56 | 11.63 | 11.68 | 475.49 | 465.53 | 479.74 | 481.48 | 489.39 |
| Metal cans and shipping containers | 341 | 14.86 | 14.89 | 15.02 | 15.11 | - | 643.44 | 631.34 | 633.84 | 654.26 | - |
| Metal cans | 3411 | 15.86 | 15.86 | 16.13 | 16.19 | - | 691.50 | 680.39 | 675.85 | 697.79 | - |
| Cutlery, handtools, and hardware | 342 | 11.25 | 11.21 | 11.41 | 11.44 | - | 463.50 | 452.88 | 468.95 | 462.18 | - |
| Hand and edge tools, and blades and handsaws | 3423,5 | 10.53 | 10.51 | 10.84 | 10.86 | - | 431.73 | 422.50 | 444.44 | 436.57 | - |
| Hardware, nec | 3429 | 11.40 | 11.35 | 11.39 | 11.43 | - | 467.40 | 457.41 | 461.30 | 457.20 | - |
| Plumbing and heating, except electric | 343 | 10.26 | 10.17 | 10.33 | 10.51 | - | 426.82 | 404.77 | 424.56 | 433.01 | - |
| Plumbing fixture fittings and trim | 3432 | 9.79 | 9.73 | 9.85 | 9.91 | - | 413.14 | 393.09 | 403.85 | 399.37 | - |
| Heating equipment, except electric | 3433 | 10.35 | 10.11 | 10.38 | 10.44 | - | 410.90 | 375.08 | 410.01 | 406.12 | - |
| Fabricated structural metal products | 344 | 10.69 | 10.63 | 10.80 | 10.86 | - | 439.36 | 427.33 | 435.24 | 440.92 | - |
| Fabricated structural metal | 3441 | 10.69 | 10.57 | 10.85 | 10.68 | - | 442.57 | 423.86 | 448.11 | 438.95 | - |
| Metal doors, sash, and trim | 3442 | 8.99 | 9.04 | 8.99 | 9.13 | - | 360.50 | 354.37 | 346.12 | 356.07 | - |
| Fabricated plate work (boiler shops) | 3443 | 11.85 | 11.70 | 12.16 | 12.33 | - | 502.44 | 489.06 | 508.29 | 512.93 | - |
| Sheet metal work | 3444 | 10.93 | 10.86 | 11.01 | 11.06 | - | 442.67 | 432.23 | 440.40 | 443.51 | - |
| Architectural metal work | 3446 | 10.19 | 10.34 | 9.93 | 10.21 | - | 407.60 | 402.23 | 383.30 | 404.32 | - |
| Screw machine products, bolts, etc | 345 | 11.39 | 11.43 | 11.50 | 11.52 | - | 472.69 | 462.92 | 488.75 | 482.69 | - |
| Screw machine products | 3451 | 10.56 | 10.58 | 10.66 | 10.68 | - | 435.07 | 430.61 | 447.72 | 442.15 | - |
| Bolts, nuts, rivets, and washers | 3452 | 12.31 | 12.39 | 12.44 | 12.45 | - | 514.56 | 498.08 | 534.92 | 529.13 | - |
| Metal forgings and stampings | 346 | 13.54 | 13.63 | 13.76 | 13.87 | - | 570.03 | 565.65 | 594.43 | 592.25 | - |
| Iron and steel forgings | 3462 | 13.47 | 13.64 | 13.52 | 13.50 | - | 557.66 | 551.06 | 563.78 | 552.15 | - |
| Automotive stampings | 3465 | 15.41 | 15.52 | 15.71 | 15.92 | - | 661.09 | 658.05 | 697.52 | 702.07 | - |
| Metal stampings, nec | 3469 | 10.84 | 10.78 | 10.96 | 10.96 | - | 445.52 | 434.43 | 459.22 | 453.74 | - |
| Metal services, nec | 347 | 9.49 | 9.43 | 9.55 | 9.60 | - | 390.04 | 381.92 | 392.51 | 389.76 | - |
| Plating and polishing | 3471 | 9.43 | 9.33 | 9.54 | 9.59 | - | 381.92 | 374.13 | 387.32 | 385.52 | - |
| Metal coating and allied services | 3479 | 9.58 | 9.60 | 9.56 | 9.63 | - | 402.36 | 395.52 | 399.61 | 397.72 | - |
| Ordnance and accessories, nec | 348 | 12.60 | 12.55 | 12.86 | 13.12 | - | 530.46 | 519.57 | 537.55 | 547.10 | - |
| Ammunition, except for small arms, nec | 3483 | 12.44 | 12.35 | 12.76 | 13.18 | - | 516.26 | 497.71 | 526.99 | 543.02 | - |
| Misc. fabricated metal products | 349 | 10.68 | 10.61 | 10.73 | 10.77 | - | 444.29 | 435.01 | 447.44 | 448.03 | - |
| Valves and pipe fittings, nec | 3494 | 11.34 | 11.30 | 11.21 | 11.24 | - | 477.41 | 466.69 | 464.09 | 465.34 | - |
| Misc. fabricated wire products | 3496 | 9.39 | 9.25 | 9.52 | 9.60 | - | 381.23 | 368.15 | 389.37 | 396.48 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|--|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P |
| Durable goods—Continued | | | | | | | | | | | |
| Industrial machinery and equipment | 35 | 42.2 | 41.6 | 42.8 | 42.6 | 42.9 | 4.0 | 3.4 | 4.4 | 4.4 | - |
| Engines and turbines | 351 | 43.6 | 42.8 | 43.8 | 44.2 | - | 4.6 | 4.2 | 4.4 | 5.2 | - |
| Turbines and turbine generator sets | 3511 | 43.3 | 42.3 | 42.6 | 43.2 | - | 5.1 | 3.8 | 4.1 | 4.7 | - |
| Internal combustion engines, nec | 3519 | 43.7 | 43.0 | 44.4 | 44.7 | - | 4.3 | 4.4 | 4.5 | 5.4 | - |
| Farm and garden machinery | 352 | 40.3 | 40.0 | 42.1 | 42.5 | - | 2.9 | 2.7 | 4.3 | 4.2 | - |
| Farm machinery and equipment | 3523 | 40.5 | 39.4 | 43.0 | 44.1 | - | 3.0 | 2.5 | 4.4 | 4.5 | - |
| Construction and related machinery | 353 | 43.4 | 42.5 | 43.6 | 43.3 | - | 4.1 | 3.7 | 4.8 | 4.7 | - |
| Construction machinery | 3531 | 43.9 | 43.0 | 44.0 | 44.4 | - | 3.5 | 3.3 | 4.6 | 5.2 | - |
| Mining machinery | 3532 | 40.8 | 40.8 | 40.8 | 40.3 | - | 3.6 | 3.4 | 3.3 | 3.7 | - |
| Oil and gas field machinery | 3533 | 45.4 | 44.3 | 46.6 | 45.5 | - | 5.4 | 4.6 | 6.6 | 5.4 | - |
| Conveyors and conveying equipment | 3535 | 43.1 | 42.2 | 43.3 | 42.7 | - | 4.9 | 4.4 | 5.5 | 5.0 | - |
| Industrial trucks and tractors | 3537 | 40.2 | 39.2 | 40.2 | 39.5 | - | 3.0 | 2.7 | 3.0 | 2.6 | - |
| Metalworking machinery | 354 | 42.7 | 42.1 | 43.4 | 43.1 | - | 4.7 | 4.1 | 5.3 | 5.1 | - |
| Machine tools, metal cutting types | 3541 | 42.0 | 40.9 | 43.0 | 42.3 | - | 4.0 | 3.1 | 4.2 | 4.0 | - |
| Machine tools, metal forming types | 3542 | 42.1 | 41.1 | 43.3 | 43.2 | - | 4.1 | 3.3 | 4.9 | 4.5 | - |
| Special dies, tools, jigs, and fixtures | 3544 | 43.4 | 42.8 | 44.2 | 43.8 | - | 5.6 | 5.1 | 6.4 | 6.0 | - |
| Machine tool accessories | 3545 | 42.3 | 41.8 | 42.3 | 42.2 | - | 3.9 | 3.3 | 3.8 | 3.7 | - |
| Power driven handtools | 3546 | 42.3 | 41.6 | 41.9 | 42.0 | - | 3.5 | 3.0 | 3.2 | 3.0 | - |
| Special industry machinery | 355 | 41.9 | 41.1 | 42.3 | 42.1 | - | 4.1 | 3.4 | 4.4 | 4.3 | - |
| Textile machinery | 3552 | 42.5 | 41.7 | 41.7 | 42.5 | - | 3.9 | 3.3 | 4.1 | 4.3 | - |
| Printing trades machinery | 3555 | 39.7 | 38.5 | 41.5 | 40.8 | - | 3.6 | 2.1 | 4.4 | 4.4 | - |
| Food products machinery | 3556 | 41.9 | 40.5 | 42.1 | 41.9 | - | 4.1 | 3.1 | 4.3 | 3.9 | - |
| General industrial machinery | 356 | 41.8 | 41.0 | 42.6 | 42.4 | - | 3.8 | 3.1 | 4.1 | 4.4 | - |
| Pumps and pumping equipment | 3561 | 41.3 | 40.4 | 41.3 | 41.7 | - | 3.6 | 3.0 | 3.2 | 3.7 | - |
| Ball and roller bearings | 3562 | 42.0 | 41.1 | 43.7 | 43.3 | - | 4.1 | 3.3 | 5.5 | 5.7 | - |
| Air and gas compressors | 3563 | 43.2 | 43.5 | 43.5 | 43.1 | - | 4.7 | 4.4 | 4.1 | 4.4 | - |
| Blowers and fans | 3564 | 40.6 | 39.7 | 40.9 | 40.7 | - | 3.1 | 2.2 | 2.7 | 3.1 | - |
| Speed changers, drives, and gears | 3566 | 42.7 | 42.3 | 44.0 | 43.8 | - | 4.9 | 4.6 | 5.3 | 5.8 | - |
| Power transmission equipment, nec | 3568 | 41.7 | 40.7 | 43.5 | 42.9 | - | 3.8 | 3.4 | 4.3 | 4.5 | - |
| Computer and office equipment | 357 | 42.0 | 41.5 | 41.7 | 41.2 | - | 3.1 | 2.5 | 3.2 | 2.8 | - |
| Electronic computers | 3571 | 41.3 | 41.0 | 41.6 | 40.9 | - | 2.9 | 2.2 | 3.1 | 2.6 | - |
| Computer terminals, calculators, and office machines, nec | 3575,8,9 | 42.4 | 41.7 | 40.9 | 41.0 | - | 3.7 | 3.3 | 2.6 | 2.6 | - |
| Refrigeration and service machinery | 358 | 41.4 | 41.0 | 42.1 | 42.4 | - | 3.4 | 3.1 | 3.5 | 3.9 | - |
| Refrigeration and heating equipment | 3585 | 41.8 | 41.4 | 42.5 | 43.0 | - | 3.7 | 3.4 | 3.8 | 4.4 | - |
| Misc. industrial and commercial machinery | 359 | 42.1 | 41.5 | 42.8 | 42.5 | - | 4.3 | 3.7 | 4.6 | 4.5 | - |
| Carburetors, pistons, rings, valves | 3592 | 41.3 | 40.9 | 42.4 | 42.5 | - | 3.5 | 3.1 | 4.2 | 4.8 | - |
| Scales, balances, and industrial machinery, nec | 3596,9 | 42.2 | 41.7 | 43.0 | 42.6 | - | 4.4 | 3.9 | 4.8 | 4.6 | - |
| Electronic and other electrical equipment | 36 | 41.2 | 40.5 | 41.4 | 41.2 | 41.8 | 3.4 | 2.9 | 3.5 | 3.5 | - |
| Electric distribution equipment | 361 | 41.5 | 40.6 | 41.0 | 41.1 | - | 3.3 | 2.4 | 3.1 | 3.2 | - |
| Transformers, except electronic | 3612 | 40.5 | 40.0 | 40.1 | 40.5 | - | 3.1 | 2.2 | 2.8 | 3.2 | - |
| Switchgear and switchboard apparatus | 3613 | 42.5 | 41.4 | 41.9 | 41.7 | - | 3.4 | 2.6 | 3.3 | 3.2 | - |
| Electrical industrial apparatus | 362 | 41.8 | 41.2 | 41.7 | 42.0 | - | 3.0 | 2.6 | 3.0 | 3.4 | - |
| Motors and generators | 3621 | 42.0 | 41.4 | 41.9 | 42.2 | - | 3.2 | 2.7 | 3.2 | 3.6 | - |
| Relays and industrial controls | 3625 | 40.9 | 40.5 | 41.2 | 41.3 | - | 2.5 | 2.1 | 2.6 | 2.8 | - |
| Household appliances | 363 | 40.4 | 39.6 | 40.7 | 40.2 | - | 3.0 | 2.8 | 3.6 | 3.4 | - |
| Household refrigerators and freezers | 3632 | 40.3 | 39.8 | 43.3 | 42.4 | - | 3.0 | 2.8 | 5.4 | 5.4 | - |
| Household laundry equipment | 3633 | 39.7 | 38.5 | 40.1 | 39.9 | - | 1.9 | 1.6 | 2.0 | 2.0 | - |
| Electric housewares and fans | 3634 | 41.1 | 41.2 | 40.0 | 39.6 | - | 3.1 | 2.7 | 2.8 | 2.7 | - |
| Electric lighting and wiring equipment | 364 | 40.7 | 39.8 | 41.0 | 40.5 | - | 3.1 | 2.6 | 3.0 | 3.1 | - |
| Electric lamps | 3641 | 42.3 | 41.6 | 43.5 | 42.8 | - | 3.5 | 2.9 | 3.9 | 3.5 | - |
| Current-carrying wiring devices | 3643 | 39.8 | 39.6 | 39.8 | 40.5 | - | 2.6 | 2.5 | 2.4 | 3.2 | - |
| Noncurrent-carrying wiring devices | 3644 | 42.9 | 41.6 | 41.3 | 40.5 | - | 3.6 | 3.1 | 2.2 | 2.1 | - |
| Residential lighting fixtures | 3645 | 38.1 | 36.4 | 39.8 | 38.4 | - | 2.4 | 2.3 | 3.2 | 1.8 | - |
| Household audio and video equipment | 365 | 41.0 | 40.1 | 41.3 | 40.7 | - | 3.5 | 2.8 | 3.9 | 3.6 | - |
| Household audio and video equipment | 3651 | 40.7 | 39.8 | 40.5 | 40.3 | - | 3.1 | 2.5 | 2.6 | 2.6 | - |
| Communications equipment | 366 | 41.8 | 40.7 | 42.6 | 42.0 | - | 3.5 | 3.1 | 3.3 | 3.0 | - |
| Telephone and telegraph apparatus | 3661 | 43.1 | 41.7 | 44.2 | 43.5 | - | 4.4 | 4.3 | 3.9 | 3.7 | - |
| Electronic components and accessories | 367 | 41.0 | 40.6 | 41.4 | 41.4 | - | 3.6 | 3.2 | 4.0 | 3.9 | - |
| Electron tubes | 3671 | 40.7 | 40.4 | 42.1 | 42.6 | - | 3.5 | 3.3 | 3.8 | 3.3 | - |
| Semiconductors and related devices | 3674 | 42.6 | 42.7 | 42.4 | 42.8 | - | 4.7 | 4.3 | 4.8 | 4.8 | - |
| Electronic components, nec | 3679 | 39.4 | 39.1 | 40.2 | 39.9 | - | 2.6 | 2.2 | 3.2 | 3.0 | - |
| Misc. electrical equipment and supplies | 369 | 41.7 | 40.8 | 41.4 | 41.4 | - | 3.4 | 2.7 | 3.7 | 3.6 | - |
| Storage batteries | 3691 | 42.5 | 40.3 | 41.6 | 41.4 | - | 3.4 | 2.0 | 2.9 | 3.3 | - |
| Engine electrical equipment | 3694 | 41.6 | 41.3 | 41.6 | 41.8 | - | 3.4 | 3.0 | 4.1 | 4.1 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|--|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Durable goods—Continued | | | | | | | | | | | |
| Industrial machinery and equipment | 35 | \$12.41 | \$12.28 | \$12.59 | \$12.64 | \$12.63 | \$523.70 | \$510.85 | \$538.85 | \$538.46 | \$541.83 |
| Engines and turbines | 351 | 15.68 | 15.48 | 15.77 | 16.07 | - | 683.65 | 662.54 | 690.73 | 710.29 | - |
| Turbines and turbine generator sets | 3511 | 16.16 | 15.60 | 16.46 | 16.44 | - | 699.73 | 659.88 | 701.20 | 710.21 | - |
| Internal combustion engines, nec | 3519 | 15.47 | 15.43 | 15.48 | 15.91 | - | 676.04 | 663.49 | 687.31 | 711.18 | - |
| Farm and garden machinery | 352 | 11.54 | 11.24 | 11.97 | 11.98 | - | 465.06 | 449.60 | 503.94 | 509.15 | - |
| Farm machinery and equipment | 3523 | 12.53 | 12.38 | 13.10 | 13.00 | - | 507.47 | 487.77 | 563.30 | 573.30 | - |
| Construction and related machinery | 353 | 12.58 | 12.38 | 12.74 | 12.76 | - | 545.97 | 526.15 | 555.46 | 552.51 | - |
| Construction machinery | 3531 | 14.08 | 13.70 | 14.28 | 14.24 | - | 618.11 | 589.10 | 628.32 | 632.26 | - |
| Mining machinery | 3532 | 12.64 | 12.62 | 12.77 | 12.92 | - | 515.71 | 514.90 | 521.02 | 520.68 | - |
| Oil and gas field machinery | 3533 | 11.46 | 11.38 | 11.39 | 11.42 | - | 520.28 | 504.13 | 530.77 | 519.61 | - |
| Conveyors and conveying equipment | 3535 | 11.61 | 11.62 | 11.64 | 11.75 | - | 500.39 | 490.36 | 504.01 | 501.73 | - |
| Industrial trucks and tractors | 3537 | 11.02 | 11.05 | 11.15 | 11.04 | - | 443.00 | 433.16 | 448.23 | 436.08 | - |
| Metalworking machinery | 354 | 12.95 | 12.82 | 13.25 | 13.23 | - | 552.97 | 539.72 | 575.05 | 570.21 | - |
| Machine tools, metal cutting types | 3541 | 13.32 | 13.16 | 13.45 | 13.55 | - | 559.44 | 538.24 | 578.35 | 573.17 | - |
| Machine tools, metal forming types | 3542 | 12.97 | 12.75 | 13.25 | 13.30 | - | 546.04 | 524.03 | 573.73 | 574.56 | - |
| Special dies, tools, jigs, and fixtures | 3544 | 13.47 | 13.35 | 13.84 | 13.82 | - | 584.60 | 571.38 | 611.73 | 605.32 | - |
| Machine tool accessories | 3545 | 11.56 | 11.46 | 11.68 | 11.64 | - | 488.99 | 479.03 | 494.06 | 491.21 | - |
| Power driven handtools | 3546 | 10.59 | 10.52 | 10.81 | 10.89 | - | 447.96 | 437.63 | 452.94 | 457.38 | - |
| Special industry machinery | 355 | 12.70 | 12.51 | 13.04 | 13.02 | - | 532.13 | 514.16 | 551.59 | 548.14 | - |
| Textile machinery | 3552 | 10.80 | 10.68 | 11.22 | 11.13 | - | 459.00 | 445.36 | 467.87 | 473.03 | - |
| Printing trades machinery | 3555 | 14.40 | 14.01 | 14.78 | 14.69 | - | 571.68 | 539.39 | 613.37 | 599.35 | - |
| Food products machinery | 3556 | 12.54 | 12.30 | 12.76 | 12.70 | - | 525.43 | 498.15 | 537.20 | 532.13 | - |
| General industrial machinery | 356 | 12.08 | 11.95 | 12.22 | 12.35 | - | 504.94 | 489.95 | 520.57 | 523.64 | - |
| Pumps and pumping equipment | 3561 | 12.90 | 12.80 | 12.89 | 13.02 | - | 532.77 | 517.12 | 532.36 | 542.93 | - |
| Ball and roller bearings | 3562 | 13.00 | 12.91 | 13.28 | 13.51 | - | 546.00 | 530.60 | 580.34 | 584.98 | - |
| Air and gas compressors | 3563 | 12.16 | 11.92 | 12.27 | 12.45 | - | 525.31 | 518.52 | 533.75 | 536.60 | - |
| Blowers and fans | 3564 | 10.31 | 10.12 | 10.21 | 10.40 | - | 418.59 | 401.76 | 417.59 | 423.28 | - |
| Speed changers, drives, and gears | 3566 | 12.74 | 12.52 | 12.93 | 13.16 | - | 544.00 | 529.60 | 568.92 | 576.41 | - |
| Power transmission equipment, nec | 3568 | 11.80 | 11.68 | 12.08 | 12.02 | - | 492.06 | 475.38 | 525.48 | 515.66 | - |
| Computer and office equipment | 357 | 12.33 | 12.33 | 12.35 | 12.46 | - | 517.86 | 511.70 | 515.00 | 513.35 | - |
| Electronic computers | 3571 | 13.03 | 13.10 | 13.39 | 13.62 | - | 538.14 | 537.10 | 557.02 | 557.06 | - |
| Computer terminals, calculators, and office machines, nec | 3575,8,9 | 12.50 | 12.36 | 12.28 | 12.26 | - | 530.00 | 515.41 | 502.25 | 502.66 | - |
| Refrigeration and service machinery | 358 | 11.29 | 11.21 | 11.38 | 11.45 | - | 467.41 | 459.61 | 479.10 | 485.48 | - |
| Refrigeration and heating equipment | 3585 | 11.40 | 11.32 | 11.53 | 11.64 | - | 476.52 | 468.65 | 490.03 | 500.52 | - |
| Misc. industrial and commercial machinery | 359 | 11.93 | 11.88 | 12.06 | 12.10 | - | 502.25 | 493.02 | 516.17 | 514.25 | - |
| Carburetors, pistons, rings, valves | 3592 | 12.82 | 12.74 | 13.11 | 13.28 | - | 529.47 | 521.07 | 555.86 | 564.40 | - |
| Scales, balances, and industrial machinery, nec | 3596,9 | 11.60 | 11.57 | 11.75 | 11.78 | - | 489.52 | 482.47 | 505.25 | 501.83 | - |
| Electronic and other electrical equipment | 36 | 10.99 | 10.97 | 11.11 | 11.15 | 11.21 | 452.79 | 444.29 | 459.95 | 459.38 | 468.58 |
| Electric distribution equipment | 361 | 10.85 | 10.67 | 10.71 | 10.77 | - | 450.28 | 433.20 | 439.11 | 442.65 | - |
| Transformers, except electronic | 3612 | 10.47 | 10.31 | 9.97 | 10.07 | - | 424.04 | 412.40 | 399.80 | 407.84 | - |
| Switchgear and switchboard apparatus | 3613 | 11.23 | 11.04 | 11.45 | 11.49 | - | 477.28 | 457.06 | 479.76 | 479.13 | - |
| Electrical industrial apparatus | 362 | 10.37 | 10.37 | 10.53 | 10.57 | - | 433.47 | 427.24 | 439.10 | 443.94 | - |
| Motors and generators | 3621 | 9.89 | 9.97 | 9.94 | 9.95 | - | 415.38 | 412.76 | 416.49 | 419.89 | - |
| Relays and industrial controls | 3625 | 11.15 | 11.04 | 11.68 | 11.76 | - | 456.04 | 447.12 | 481.22 | 485.69 | - |
| Household appliances | 363 | 10.52 | 10.47 | 10.51 | 10.50 | - | 425.01 | 414.61 | 427.76 | 422.10 | - |
| Household refrigerators and freezers | 3632 | 11.56 | 11.60 | 11.86 | 11.76 | - | 465.87 | 461.68 | 513.54 | 498.62 | - |
| Household laundry equipment | 3633 | 12.80 | 12.78 | 12.67 | 12.62 | - | 508.16 | 492.03 | 508.07 | 503.54 | - |
| Electric housewares and fans | 3634 | 7.96 | 7.85 | 8.21 | 8.14 | - | 327.16 | 323.42 | 328.40 | 322.34 | - |
| Electric lighting and wiring equipment | 364 | 10.84 | 10.86 | 10.85 | 10.97 | - | 441.19 | 432.23 | 444.85 | 444.29 | - |
| Electric lamps | 3641 | 12.12 | 12.23 | 11.62 | 11.61 | - | 512.68 | 508.77 | 505.47 | 496.91 | - |
| Current-carrying wiring devices | 3643 | 10.62 | 10.62 | 10.71 | 11.00 | - | 422.68 | 420.55 | 426.26 | 445.50 | - |
| Noncurrent-carrying wiring devices | 3644 | 10.17 | 10.17 | 10.37 | 10.44 | - | 436.29 | 423.07 | 428.28 | 422.82 | - |
| Residential lighting fixtures | 3645 | 8.25 | 8.33 | 8.20 | 8.27 | - | 314.33 | 303.21 | 326.36 | 317.57 | - |
| Household audio and video equipment | 365 | 10.85 | 10.90 | 10.73 | 10.81 | - | 444.85 | 437.09 | 443.15 | 439.97 | - |
| Household audio and video equipment | 3651 | 11.21 | 11.25 | 11.05 | 11.07 | - | 456.25 | 447.75 | 447.53 | 446.12 | - |
| Communications equipment | 366 | 11.46 | 11.51 | 11.51 | 11.58 | - | 479.03 | 468.46 | 490.33 | 486.36 | - |
| Telephone and telegraph apparatus | 3661 | 12.12 | 12.25 | 12.18 | 12.36 | - | 522.37 | 510.83 | 538.36 | 537.66 | - |
| Electronic components and accessories | 367 | 10.90 | 10.83 | 11.14 | 11.16 | - | 446.90 | 439.70 | 461.20 | 462.02 | - |
| Electron tubes | 3671 | 12.28 | 11.91 | 13.00 | 13.29 | - | 499.80 | 481.16 | 547.30 | 566.15 | - |
| Semiconductors and related devices | 3674 | 13.80 | 13.64 | 14.28 | 14.21 | - | 587.88 | 582.43 | 605.47 | 608.19 | - |
| Electronic components, nec | 3679 | 9.63 | 9.60 | 9.48 | 9.46 | - | 379.42 | 375.36 | 381.10 | 377.45 | - |
| Misc. electrical equipment and supplies | 369 | 12.15 | 12.17 | 12.47 | 12.45 | - | 506.66 | 496.54 | 516.26 | 515.43 | - |
| Storage batteries | 3691 | 13.04 | 13.07 | 13.35 | 13.54 | - | 554.20 | 526.72 | 555.36 | 560.56 | - |
| Engine electrical equipment | 3694 | 12.81 | 12.89 | 13.30 | 13.19 | - | 532.90 | 532.36 | 553.28 | 551.34 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|---|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Durable goods—Continued | | | | | | | | | | | |
| Transportation equipment | 37 | 41.8 | 41.1 | 42.5 | 42.2 | 43.4 | 3.8 | 3.3 | 4.3 | 4.1 | - |
| Motor vehicles and equipment | 371 | 42.4 | 41.4 | 43.9 | 43.7 | 45.2 | 4.1 | 3.7 | 5.2 | 5.0 | - |
| Motor vehicles and car bodies | 3711 | 41.4 | 39.4 | 43.2 | 43.0 | - | 3.4 | 2.7 | 4.8 | 4.3 | - |
| Truck and bus bodies | 3713 | 42.5 | 41.6 | 43.3 | 43.9 | - | 4.0 | 3.5 | 4.0 | 4.7 | - |
| Motor vehicle parts and accessories | 3714 | 43.2 | 42.8 | 44.7 | 44.4 | - | 4.7 | 4.4 | 5.8 | 5.6 | - |
| Truck trailers | 3715 | 41.6 | 41.4 | 41.8 | 42.8 | - | 3.9 | 3.8 | 4.0 | 4.5 | - |
| Aircraft and parts | 372 | 41.7 | 41.1 | 41.5 | 40.5 | - | 3.7 | 3.1 | 3.3 | 3.3 | - |
| Aircraft | 3721 | 41.6 | 41.0 | 41.0 | 40.2 | - | 3.6 | 3.0 | 3.2 | 3.3 | - |
| Aircraft engines and engine parts | 3724 | 42.3 | 42.3 | 41.4 | 40.8 | - | 4.4 | 3.8 | 3.3 | 3.5 | - |
| Aircraft parts and equipment, nec | 3728 | 41.3 | 40.5 | 42.3 | 40.8 | - | 3.3 | 2.8 | 3.5 | 3.0 | - |
| Ship and boat building and repairing | 373 | 40.2 | 40.4 | 39.3 | 39.5 | - | 3.0 | 3.2 | 2.6 | 2.4 | - |
| Ship building and repairing | 3731 | 40.5 | 40.5 | 39.1 | 39.5 | - | 3.2 | 3.4 | 2.4 | 2.2 | - |
| Boat building and repairing | 3732 | 39.2 | 39.9 | 39.8 | 39.5 | - | 2.5 | 2.7 | 2.9 | 2.8 | - |
| Railroad equipment | 374 | 41.0 | 40.6 | 41.4 | 42.0 | - | 2.6 | 1.7 | 2.7 | 3.3 | - |
| Guided missiles, space vehicles, and parts | 376 | 40.8 | 40.0 | 40.5 | 40.1 | - | 2.8 | 2.3 | 2.6 | 2.4 | - |
| Guided missiles and space vehicles | 3761 | 40.5 | 39.3 | 40.2 | 39.6 | - | 3.2 | 2.4 | 3.0 | 2.7 | - |
| Misc. transportation equipment | 379 | 39.6 | 39.4 | 39.7 | 39.7 | - | 2.7 | 2.8 | 2.9 | 3.0 | - |
| Travel trailers and campers | 3792 | 39.2 | 38.6 | 38.3 | 38.8 | - | 2.1 | 2.0 | 1.8 | 1.9 | - |
| Instruments and related products | 38 | 41.1 | 40.6 | 41.1 | 40.9 | 41.0 | 2.8 | 2.5 | 2.7 | 2.7 | - |
| Search and navigation equipment | 381 | 40.8 | 40.5 | 40.5 | 40.0 | - | 2.1 | 1.9 | 1.8 | 1.7 | - |
| Measuring and controlling devices | 382 | 41.0 | 40.2 | 41.2 | 40.8 | - | 2.4 | 2.0 | 2.4 | 2.3 | - |
| Environmental controls | 3822 | 40.1 | 39.2 | 40.8 | 40.7 | - | 2.6 | 2.4 | 2.7 | 2.9 | - |
| Process control instruments | 3823 | 41.1 | 40.0 | 41.3 | 40.7 | - | 2.5 | 1.8 | 2.3 | 2.0 | - |
| Instruments to measure electricity | 3825 | 40.7 | 40.1 | 41.3 | 41.2 | - | 2.1 | 1.9 | 2.1 | 1.9 | - |
| Medical instruments and supplies | 384 | 41.2 | 40.5 | 40.9 | 41.0 | - | 3.1 | 2.8 | 3.0 | 3.1 | - |
| Surgical and medical instruments | 3841 | 41.9 | 41.1 | 42.3 | 42.5 | - | 3.2 | 2.7 | 3.8 | 3.8 | - |
| Surgical appliances and supplies | 3842 | 40.2 | 39.9 | 39.5 | 39.7 | - | 2.9 | 2.8 | 2.4 | 2.6 | - |
| Ophthalmic goods | 385 | 39.0 | 39.1 | 39.3 | 39.6 | - | 2.3 | 2.3 | 1.9 | 2.6 | - |
| Photographic equipment and supplies | 386 | 43.5 | 43.7 | 42.9 | 42.8 | - | 4.3 | 4.5 | 4.5 | 4.4 | - |
| Watches, clocks, watchcases, and parts | 387 | 39.3 | 36.4 | 40.9 | 40.1 | - | 1.4 | .7 | 2.0 | 2.2 | - |
| Miscellaneous manufacturing industries | 39 | 39.9 | 39.5 | 39.8 | 39.8 | 39.7 | 2.8 | 2.3 | 2.5 | 2.6 | - |
| Jewelry, silverware, and plated ware | 391 | 38.1 | 38.0 | 37.5 | 38.0 | - | 2.0 | 1.5 | 1.5 | 1.6 | - |
| Jewelry, precious metal | 3911 | 37.9 | 37.9 | 37.2 | 37.5 | - | 2.0 | 1.6 | 1.4 | 1.4 | - |
| Musical instruments | 393 | 39.2 | 38.6 | 40.4 | 39.7 | - | 1.9 | 1.6 | 2.5 | 1.9 | - |
| Toys and sporting goods | 394 | 40.3 | 39.5 | 40.3 | 40.2 | - | 3.1 | 2.5 | 2.8 | 2.9 | - |
| Dolls, games, toys, and children's vehicles | 3942,4 | 39.6 | 38.7 | 38.5 | 38.5 | - | 2.8 | 2.1 | 1.9 | 2.0 | - |
| Sporting and athletic goods, nec | 3949 | 40.8 | 40.0 | 41.4 | 41.3 | - | 3.2 | 2.8 | 3.3 | 3.4 | - |
| Pens, pencils, office, and art supplies | 395 | 40.5 | 40.0 | 39.5 | 40.0 | - | 2.7 | 2.5 | 1.9 | 2.4 | - |
| Costume jewelry and notions | 396 | 40.7 | 40.0 | 40.5 | 40.5 | - | 2.9 | 2.0 | 2.5 | 2.9 | - |
| Costume jewelry | 3961 | 40.4 | 39.0 | 40.5 | 40.3 | - | 2.6 | 1.7 | 2.0 | 2.5 | - |
| Miscellaneous manufactures | 399 | 39.9 | 39.8 | 39.9 | 39.9 | - | 2.9 | 2.6 | 2.8 | 2.9 | - |
| Signs and advertising specialties | 3993 | 40.0 | 40.3 | 40.1 | 40.1 | - | 3.3 | 3.1 | 3.1 | 3.3 | - |
| Nondurable goods | | 40.4 | 39.7 | 39.9 | 40.1 | 40.4 | 3.8 | 3.4 | 3.5 | 3.7 | 3.8 |
| Food and kindred products | 20 | 40.6 | 39.6 | 39.8 | 39.8 | 40.2 | 4.5 | 3.8 | 3.8 | 4.0 | - |
| Meat products | 201 | 39.9 | 38.4 | 38.4 | 38.8 | - | 4.1 | 3.1 | 3.3 | 3.4 | - |
| Meat packing plants | 2011 | 41.5 | 40.4 | 39.7 | 39.9 | - | 5.0 | 3.9 | 3.8 | 4.2 | - |
| Sausages and other prepared meats | 2013 | 41.6 | 40.4 | 42.1 | 40.7 | - | 4.9 | 3.8 | 5.2 | 4.3 | - |
| Poultry slaughtering and processing | 2015 | 38.3 | 36.4 | 36.4 | 37.5 | - | 3.2 | 2.4 | 2.2 | 2.7 | - |
| Dairy products | 202 | 41.7 | 41.8 | 42.0 | 42.2 | - | 4.5 | 4.6 | 4.4 | 4.6 | - |
| Cheese, natural and processed | 2022 | 40.2 | 40.0 | 41.3 | 40.9 | - | 3.7 | 3.8 | 3.6 | 3.8 | - |
| Fluid milk | 2026 | 42.7 | 42.6 | 42.1 | 42.3 | - | 4.6 | 4.6 | 4.2 | 4.3 | - |
| Preserved fruits and vegetables | 203 | 40.5 | 39.4 | 39.3 | 39.5 | - | 4.7 | 3.5 | 3.4 | 3.8 | - |
| Canned specialties | 2032 | 44.5 | 44.0 | 39.6 | 42.6 | - | 7.1 | 5.7 | 3.7 | 5.9 | - |
| Canned fruits and vegetables | 2033 | 40.6 | 38.9 | 38.8 | 40.1 | - | 4.8 | 2.7 | 2.4 | 3.6 | - |
| Frozen fruits and vegetables | 2037 | 39.7 | 38.4 | 40.9 | 39.6 | - | 4.2 | 3.6 | 4.3 | 4.0 | - |
| Grain mill products | 204 | 44.6 | 43.6 | 44.4 | 43.9 | - | 6.9 | 6.2 | 6.3 | 6.0 | - |
| Flour and other grain mill products | 2041 | 47.1 | 44.7 | 46.0 | 46.5 | - | 6.6 | 5.5 | 5.9 | 6.4 | - |
| Prepared feeds, nec | 2048 | 44.1 | 43.3 | 44.1 | 43.3 | - | 6.3 | 5.7 | 6.0 | 5.7 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|---|---------------------|-------------------------|------------------|------------------|---------------------------|--------------------------|-------------------------|---------------|---------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Durable goods—Continued | | | | | | | | | | | |
| Transportation equipment | 37 | \$15.22 | \$15.04 | \$15.63 | \$15.66 | \$15.80 | \$636.20 | \$618.14 | \$664.28 | \$660.85 | \$685.72 |
| Motor vehicles and equipment | 371 | 15.46 | 15.33 | 15.88 | 15.93 | 16.10 | 655.50 | 634.66 | 697.13 | 696.14 | 727.72 |
| Motor vehicles and car bodies | 3711 | 18.32 | 18.11 | 18.96 | 19.14 | - | 758.45 | 713.53 | 819.07 | 823.02 | - |
| Truck and bus bodies | 3713 | 13.76 | 13.69 | 14.19 | 14.19 | - | 584.80 | 569.50 | 614.43 | 622.94 | - |
| Motor vehicle parts and accessories | 3714 | 14.25 | 14.16 | 14.58 | 14.58 | - | 615.60 | 606.05 | 651.73 | 647.35 | - |
| Truck trailers | 3715 | 9.79 | 9.91 | 9.74 | 9.64 | - | 407.26 | 410.27 | 407.13 | 412.59 | - |
| Aircraft and parts | 372 | 16.55 | 16.23 | 17.08 | 17.10 | - | 690.14 | 667.05 | 708.82 | 692.55 | - |
| Aircraft | 3721 | (^b) | (^b) | (^b) | (^b) | - | - | - | - | - | - |
| Aircraft engines and engine parts | 3724 | \$16.28 | \$15.97 | \$16.34 | \$16.51 | - | \$688.64 | \$675.53 | \$676.48 | \$673.61 | - |
| Aircraft parts and equipment, nec | 3728 | 14.94 | 14.68 | 15.77 | 15.78 | - | 617.02 | 594.54 | 667.07 | 643.82 | - |
| Ship and boat building and repairing | 373 | 11.99 | 11.89 | 12.28 | 12.24 | - | 482.00 | 480.36 | 482.60 | 483.48 | - |
| Ship building and repairing | 3731 | 12.90 | 12.77 | 13.40 | 13.32 | - | 522.45 | 517.19 | 523.94 | 526.14 | - |
| Boat building and repairing | 3732 | 9.59 | 9.55 | 9.70 | 9.78 | - | 375.93 | 381.05 | 386.06 | 386.31 | - |
| Railroad equipment | 374 | 14.34 | 14.18 | 14.59 | 14.83 | - | 587.94 | 575.71 | 604.03 | 622.86 | - |
| Guided missiles, space vehicles, and parts | 376 | 15.99 | 15.85 | 16.57 | 16.54 | - | 652.39 | 634.00 | 671.09 | 663.25 | - |
| Guided missiles and space vehicles | 3761 | (^b) | (^b) | (^b) | (^b) | - | - | - | - | - | - |
| Misc. transportation equipment | 379 | \$11.02 | \$10.99 | \$11.23 | \$11.34 | - | \$436.39 | \$433.01 | \$445.83 | \$450.20 | - |
| Travel trailers and campers | 3792 | 10.04 | 9.78 | 10.66 | 10.93 | - | 393.57 | 377.51 | 408.28 | 424.08 | - |
| Instruments and related products | 38 | 11.90 | 11.85 | 12.15 | 12.20 | 12.21 | 489.09 | 481.11 | 499.37 | 498.98 | 500.61 |
| Search and navigation equipment | 381 | 15.56 | 15.52 | 15.95 | 15.97 | - | 634.85 | 628.56 | 645.98 | 638.80 | - |
| Measuring and controlling devices | 382 | 11.54 | 11.38 | 11.90 | 12.00 | - | 473.14 | 457.48 | 490.28 | 489.60 | - |
| Environmental controls | 3822 | 10.01 | 9.99 | 10.41 | 10.47 | - | 401.40 | 391.61 | 424.73 | 426.13 | - |
| Process control instruments | 3823 | 11.41 | 11.33 | 11.59 | 11.71 | - | 468.95 | 453.20 | 478.67 | 476.60 | - |
| Instruments to measure electricity | 3825 | 12.12 | 11.66 | 13.03 | 13.19 | - | 493.28 | 467.57 | 538.14 | 543.43 | - |
| Medical instruments and supplies | 384 | 10.50 | 10.47 | 10.87 | 10.89 | - | 432.60 | 424.04 | 444.58 | 446.49 | - |
| Surgical and medical instruments | 3841 | 10.61 | 10.56 | 10.95 | 10.94 | - | 444.56 | 434.02 | 463.19 | 464.95 | - |
| Surgical appliances and supplies | 3842 | 9.99 | 10.00 | 10.08 | 10.09 | - | 401.60 | 399.00 | 398.16 | 400.57 | - |
| Ophthalmic goods | 385 | 8.47 | 8.49 | 8.65 | 8.63 | - | 330.33 | 331.96 | 339.95 | 341.75 | - |
| Photographic equipment and supplies | 386 | 14.52 | 14.40 | 14.36 | 14.57 | - | 631.62 | 629.28 | 616.04 | 623.60 | - |
| Watches, clocks, watchcases, and parts | 387 | 7.94 | 7.96 | 8.16 | 8.22 | - | 312.04 | 289.74 | 333.74 | 329.62 | - |
| Miscellaneous manufacturing industries | 39 | 9.15 | 9.14 | 9.28 | 9.34 | 9.33 | 365.09 | 361.03 | 369.34 | 371.73 | 370.40 |
| Jewelry, silverware, and plated ware | 391 | 9.53 | 9.44 | 9.69 | 9.69 | - | 363.09 | 358.72 | 363.38 | 368.22 | - |
| Jewelry, precious metal | 3911 | 9.48 | 9.38 | 9.64 | 9.61 | - | 359.29 | 355.50 | 358.61 | 360.38 | - |
| Musical instruments | 393 | 8.87 | 8.86 | 8.95 | 9.05 | - | 347.70 | 342.00 | 361.58 | 359.29 | - |
| Toys and sporting goods | 394 | 8.57 | 8.51 | 8.69 | 8.77 | - | 345.37 | 336.15 | 350.21 | 352.55 | - |
| Dolls, games, toys, and children's vehicles | 3942,4 | 8.25 | 8.21 | 8.51 | 8.65 | - | 326.70 | 317.73 | 327.64 | 333.03 | - |
| Sporting and athletic goods, nec | 3949 | 8.76 | 8.70 | 8.78 | 8.84 | - | 357.41 | 348.00 | 363.49 | 365.09 | - |
| Pens, pencils, office, and art supplies | 395 | 9.89 | 9.84 | 10.24 | 10.33 | - | 400.55 | 393.60 | 404.48 | 413.20 | - |
| Costume jewelry and notions | 396 | 7.87 | 7.85 | 7.88 | 7.85 | - | 320.31 | 314.00 | 319.14 | 317.93 | - |
| Costume jewelry | 3961 | 6.98 | 7.03 | 6.87 | 6.85 | - | 281.99 | 274.17 | 278.24 | 276.06 | - |
| Miscellaneous manufactures | 399 | 9.65 | 9.72 | 9.78 | 9.84 | - | 385.04 | 386.86 | 390.22 | 392.62 | - |
| Signs and advertising specialties | 3993 | 10.02 | 10.06 | 10.11 | 10.13 | - | 400.80 | 405.42 | 405.41 | 406.21 | - |
| Nondurable goods | | 10.74 | 10.73 | 10.90 | 11.00 | 10.97 | 433.90 | 425.98 | 434.91 | 441.10 | 443.19 |
| Food and kindred products | 20 | 10.19 | 10.21 | 10.32 | 10.45 | 10.45 | 413.71 | 404.32 | 410.74 | 415.91 | 420.09 |
| Meat products | 201 | 8.32 | 8.24 | 8.34 | 8.40 | - | 331.97 | 316.42 | 320.26 | 325.92 | - |
| Meat packing plants | 2011 | 9.15 | 9.07 | 9.01 | 9.18 | - | 379.73 | 366.43 | 357.70 | 366.28 | - |
| Sausages and other prepared meats | 2013 | 9.62 | 9.49 | 9.77 | 9.85 | - | 400.19 | 383.40 | 411.32 | 400.90 | - |
| Poultry slaughtering and processing | 2015 | 7.26 | 7.18 | 7.33 | 7.38 | - | 278.06 | 261.35 | 266.81 | 276.75 | - |
| Dairy products | 202 | 11.33 | 11.28 | 11.50 | 11.57 | - | 472.46 | 471.50 | 483.00 | 488.25 | - |
| Cheese, natural and processed | 2022 | 10.19 | 10.10 | 10.23 | 10.34 | - | 409.64 | 404.00 | 422.50 | 422.91 | - |
| Fluid milk | 2026 | 12.02 | 11.91 | 12.17 | 12.20 | - | 513.25 | 507.37 | 512.36 | 516.06 | - |
| Preserved fruits and vegetables | 203 | 9.70 | 9.80 | 10.06 | 10.06 | - | 392.85 | 386.12 | 395.36 | 397.37 | - |
| Canned specialties | 2032 | 12.84 | 13.07 | 12.85 | 13.05 | - | 571.38 | 575.08 | 508.86 | 555.93 | - |
| Canned fruits and vegetables | 2033 | 9.97 | 10.22 | 10.66 | 10.62 | - | 404.78 | 397.56 | 413.61 | 425.86 | - |
| Frozen fruits and vegetables | 2037 | 8.68 | 8.81 | 8.98 | 8.98 | - | 344.60 | 338.30 | 367.28 | 355.61 | - |
| Grain mill products | 204 | 12.36 | 12.39 | 12.46 | 12.58 | - | 551.26 | 540.20 | 553.22 | 552.26 | - |
| Flour and other grain mill products | 2041 | 10.90 | 11.04 | 10.73 | 10.78 | - | 513.39 | 493.49 | 493.58 | 501.27 | - |
| Prepared feeds, nec | 2048 | 9.83 | 9.81 | 10.04 | 10.10 | - | 433.50 | 424.77 | 442.76 | 437.33 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|--|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Nondurable goods—Continued | | | | | | | | | | | |
| Food and kindred products—Continued | | | | | | | | | | | |
| Bakery products | 205 | 39.3 | 38.8 | 39.1 | 39.2 | - | 4.1 | 4.0 | 3.9 | 4.2 | - |
| Bread, cake, and related products | 2051 | 38.9 | 39.1 | 38.6 | 39.2 | - | 4.2 | 4.4 | 4.0 | 4.3 | - |
| Cookies, crackers, and frozen bakery products, except bread | 2052,3 | 40.0 | 38.3 | 40.1 | 39.4 | - | 3.9 | 3.2 | 3.6 | 4.0 | - |
| Sugar and confectionery products | 206 | 40.6 | 39.4 | 39.4 | 38.9 | - | 3.8 | 2.6 | 3.1 | 2.9 | - |
| Raw cane sugar | 2061 | 44.6 | 40.3 | 44.4 | 42.0 | - | 7.8 | 4.2 | 9.1 | 5.4 | - |
| Cane sugar refining | 2062 | 45.5 | 45.4 | 39.1 | 44.3 | - | 7.6 | 7.3 | 3.9 | 6.1 | - |
| Beet sugar | 2063 | 42.3 | 42.9 | 41.8 | 40.3 | - | 4.8 | 4.6 | 3.9 | 4.9 | - |
| Candy and other confectionery products | 2064 | 39.0 | 38.0 | 38.0 | 37.4 | - | 2.8 | 1.9 | 2.2 | 1.9 | - |
| Fats and oils | 207 | 44.3 | 44.2 | 44.0 | 43.8 | - | 6.0 | 5.3 | 5.4 | 5.5 | - |
| Beverages | 208 | 41.6 | 41.6 | 40.8 | 41.6 | - | 4.8 | 4.8 | 4.2 | 4.8 | - |
| Malt beverages | 2082 | 43.2 | 43.5 | 41.5 | 43.2 | - | 7.1 | 7.4 | 6.3 | 7.4 | - |
| Bottled and canned soft drinks | 2086 | 41.0 | 40.8 | 40.2 | 41.0 | - | 4.2 | 4.1 | 3.5 | 4.3 | - |
| Misc. food and kindred products | 209 | 39.3 | 38.5 | 39.5 | 37.8 | - | 4.3 | 3.6 | 3.9 | 3.4 | - |
| Tobacco products | 21 | 38.6 | 38.0 | 36.0 | 35.5 | 38.2 | 2.1 | 1.1 | 1.2 | 1.8 | - |
| Cigarettes | 211 | 38.4 | 38.1 | 35.5 | 35.0 | - | 2.3 | 1.1 | 1.2 | 2.0 | - |
| Textile mill products | 22 | 41.1 | 40.1 | 39.6 | 41.1 | 41.6 | 4.3 | 3.7 | 3.4 | 4.5 | - |
| Broadwoven fabric mills, cotton | 221 | 42.0 | 41.1 | 38.5 | 40.4 | - | 5.9 | 5.3 | 4.1 | 5.2 | - |
| Broadwoven fabric mills, synthetics | 222 | 41.1 | 40.1 | 39.5 | 42.2 | - | 4.0 | 3.8 | 3.3 | 4.4 | - |
| Broadwoven fabric mills, wool | 223 | 41.7 | 40.8 | 42.0 | 44.2 | - | 5.4 | 4.2 | 5.5 | 6.7 | - |
| Narrow fabric mills | 224 | 40.0 | 39.3 | 40.0 | 40.3 | - | 3.1 | 2.4 | 2.7 | 2.8 | - |
| Knitting mills | 225 | 39.7 | 38.3 | 38.3 | 38.8 | - | 3.3 | 2.7 | 2.1 | 3.0 | - |
| Women's hosiery, except socks | 2251 | 38.4 | 36.6 | 37.9 | 36.2 | - | 2.8 | 2.1 | 2.0 | 1.7 | - |
| Hosiery, nec | 2252 | 38.6 | 36.7 | 37.4 | 38.2 | - | 2.7 | 1.6 | 2.1 | 2.8 | - |
| Knit outerwear mills | 2253 | 39.9 | 37.8 | 37.5 | 36.9 | - | 3.7 | 3.0 | 1.4 | 2.4 | - |
| Knit underwear mills | 2254 | 39.6 | 38.8 | 38.0 | 39.3 | - | 2.1 | 1.8 | 1.3 | 1.5 | - |
| Weft knit fabric mills | 2257 | 40.8 | 40.6 | 40.0 | 41.6 | - | 4.2 | 4.6 | 3.6 | 4.9 | - |
| Textile finishing, except wool | 226 | 43.2 | 41.8 | 42.4 | 44.3 | - | 5.7 | 4.8 | 4.6 | 6.5 | - |
| Finishing plants, cotton | 2261 | 43.4 | 41.5 | 42.1 | 44.9 | - | 5.9 | 4.8 | 4.8 | 7.1 | - |
| Finishing plants, synthetics | 2262 | 42.7 | 40.8 | 42.2 | 43.1 | - | 5.6 | 4.5 | 4.7 | 5.6 | - |
| Carpets and rugs | 227 | 42.4 | 41.1 | 40.8 | 43.6 | - | 4.8 | 3.9 | 3.8 | 6.2 | - |
| Yarn and thread mills | 228 | 40.7 | 40.4 | 38.9 | 40.7 | - | 3.9 | 3.7 | 3.2 | 4.3 | - |
| Yarn spinning mills | 2281 | 41.1 | 40.7 | 39.3 | 41.1 | - | 4.1 | 3.7 | 3.3 | 4.2 | - |
| Throwing and winding mills | 2282 | 37.3 | 37.2 | 36.6 | 38.5 | - | 2.6 | 2.5 | 2.6 | 4.1 | - |
| Miscellaneous textile goods | 229 | 42.4 | 42.1 | 42.1 | 43.2 | - | 4.4 | 4.1 | 4.4 | 4.8 | - |
| Apparel and other textile products | 23 | 37.2 | 35.9 | 37.0 | 36.5 | 37.3 | 1.8 | 1.4 | 1.7 | 1.5 | - |
| Men's and boys' suits and coats | 231 | 36.1 | 34.0 | 35.9 | 36.0 | - | .8 | .5 | .8 | .8 | - |
| Men's and boys' furnishings | 232 | 37.2 | 35.6 | 36.5 | 36.0 | - | 1.6 | 1.0 | 1.3 | 1.3 | - |
| Men's and boys' shirts | 2321 | 37.1 | 36.0 | 36.3 | 35.5 | - | 1.3 | .8 | 1.0 | .9 | - |
| Men's and boys' trousers and slacks | 2325 | 36.8 | 35.2 | 35.4 | 35.7 | - | 1.6 | 1.1 | 1.4 | 1.5 | - |
| Men's and boys' work clothing | 2326 | 36.6 | 33.9 | 36.2 | 35.3 | - | 1.5 | .8 | 1.2 | 1.1 | - |
| Women's and misses' outerwear | 233 | 36.4 | 35.2 | 36.6 | 35.8 | - | 1.8 | 1.6 | 1.7 | 1.4 | - |
| Women's and misses' blouses and shirts | 2331 | 35.8 | 34.6 | 36.0 | 35.5 | - | 1.0 | .8 | .9 | .9 | - |
| Women's, juniors', and misses' dresses | 2335 | 35.7 | 34.3 | 36.6 | 34.8 | - | 1.8 | 1.7 | 2.4 | 1.8 | - |
| Women's and misses' suits and coats | 2337 | 35.6 | 33.2 | 36.3 | 36.0 | - | 1.8 | 1.3 | 1.6 | 1.5 | - |
| Women's and misses' outerwear, nec | 2339 | 36.9 | 35.8 | 36.7 | 36.1 | - | 2.0 | 1.7 | 1.6 | 1.4 | - |
| Women's and children's undergarments | 234 | 37.4 | 35.7 | 37.5 | 37.3 | - | 1.8 | 1.2 | 1.5 | 1.5 | - |
| Women's and children's underwear | 2341 | 37.8 | 35.7 | 37.9 | 37.7 | - | 1.8 | 1.1 | 1.4 | 1.4 | - |
| Brassieres, girdles, and allied garments | 2342 | 35.8 | 35.7 | 36.0 | 35.6 | - | 1.9 | 1.5 | 2.0 | 1.7 | - |
| Girls' and children's outerwear | 236 | 36.9 | 34.7 | 35.2 | 35.0 | - | 1.7 | 1.1 | 1.2 | 1.0 | - |
| Girls' and children's dresses and blouses | 2361 | 36.4 | 33.3 | 35.5 | 34.3 | - | 1.7 | .8 | 1.8 | 1.3 | - |
| Misc. apparel and accessories | 238 | 37.2 | 36.7 | 36.6 | 36.8 | - | 1.5 | 1.3 | 1.5 | 1.5 | - |
| Misc. fabricated textile products | 239 | 38.8 | 38.0 | 38.8 | 38.4 | - | 2.5 | 2.1 | 2.7 | 2.3 | - |
| Curtains and draperies | 2391 | 37.1 | 36.5 | 37.9 | 37.7 | - | 1.8 | 1.3 | 2.4 | 1.9 | - |
| House furnishings, nec | 2392 | 38.2 | 36.3 | 37.8 | 37.7 | - | 2.5 | 1.7 | 2.4 | 2.1 | - |
| Automotive and apparel trimmings | 2396 | 40.1 | 40.3 | 40.4 | 39.5 | - | 3.1 | 3.2 | 3.5 | 2.6 | - |
| Paper and allied products | 26 | 43.6 | 43.1 | 43.0 | 43.4 | 43.6 | 5.3 | 4.9 | 4.9 | 5.3 | - |
| Paper mills | 262 | 45.5 | 45.3 | 45.1 | 45.8 | - | 6.3 | 6.2 | 6.0 | 6.8 | - |
| Paperboard mills | 263 | 45.4 | 45.4 | 45.0 | 45.2 | - | 7.2 | 7.1 | 6.8 | 6.8 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|--|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Nondurable goods—Continued | | | | | | | | | | | |
| Food and kindred products—Continued | | | | | | | | | | | |
| Bakery products | 205 | \$11.46 | \$11.39 | \$11.69 | \$11.80 | - | \$450.38 | \$441.93 | \$457.08 | \$462.56 | - |
| Bread, cake, and related products | 2051 | 11.39 | 11.30 | 11.65 | 11.74 | - | 443.07 | 441.83 | 449.69 | 460.21 | - |
| Cookies, crackers, and frozen bakery products, except bread | 2052,3 | 11.59 | 11.56 | 11.75 | 11.93 | - | 463.60 | 442.75 | 471.18 | 470.04 | - |
| Sugar and confectionery products | 206 | 10.92 | 11.09 | 11.25 | 11.58 | - | 443.35 | 436.95 | 443.25 | 450.46 | - |
| Raw cane sugar | 2061 | 10.52 | 10.37 | 10.82 | 10.87 | - | 469.19 | 417.91 | 480.41 | 456.54 | - |
| Cane sugar refining | 2062 | 15.26 | 15.40 | 15.08 | 15.52 | - | 694.33 | 699.16 | 589.63 | 687.54 | - |
| Beet sugar | 2063 | 11.13 | 11.40 | 12.14 | 12.39 | - | 470.80 | 489.06 | 507.45 | 499.32 | - |
| Candy and other confectionery products | 2064 | 10.09 | 10.38 | 10.35 | 10.61 | - | 393.51 | 394.44 | 393.30 | 396.81 | - |
| Fats and oils | 207 | 10.71 | 10.56 | 10.71 | 10.87 | - | 474.45 | 466.75 | 471.24 | 476.11 | - |
| Beverages | 208 | 14.40 | 14.43 | 14.28 | 14.41 | - | 599.04 | 600.29 | 582.62 | 599.46 | - |
| Malt beverages | 2082 | 19.70 | 19.75 | 19.86 | 19.88 | - | 851.04 | 859.13 | 824.19 | 858.82 | - |
| Bottled and canned soft drinks | 2086 | 11.61 | 11.56 | 11.49 | 11.73 | - | 476.01 | 471.65 | 461.90 | 480.93 | - |
| Misc. food and kindred products | 209 | 9.37 | 9.32 | 9.35 | 9.64 | - | 368.24 | 358.82 | 369.33 | 364.39 | - |
| Tobacco products | 21 | 16.99 | 17.51 | 17.14 | 17.68 | \$18.13 | 655.81 | 665.38 | 617.04 | 627.64 | \$692.57 |
| Cigarettes | 211 | 20.68 | 20.18 | 20.58 | 20.79 | - | 794.11 | 768.86 | 730.59 | 727.65 | - |
| Textile mill products | 22 | 8.60 | 8.55 | 8.75 | 8.89 | 8.89 | 353.46 | 342.86 | 346.50 | 365.38 | 369.82 |
| Broadwoven fabric mills, cotton | 221 | 8.94 | 8.83 | 9.05 | 9.16 | - | 375.48 | 362.91 | 348.43 | 370.06 | - |
| Broadwoven fabric mills, synthetics | 222 | 9.26 | 9.20 | 9.49 | 9.66 | - | 380.59 | 368.92 | 374.86 | 407.65 | - |
| Broadwoven fabric mills, wool | 223 | 9.12 | 9.16 | 9.43 | 9.37 | - | 380.30 | 373.73 | 396.06 | 414.15 | - |
| Narrow fabric mills | 224 | 8.12 | 8.09 | 8.10 | 8.15 | - | 324.80 | 317.94 | 324.00 | 328.45 | - |
| Knitting mills | 225 | 7.88 | 7.86 | 7.98 | 8.12 | - | 312.84 | 301.04 | 305.63 | 315.06 | - |
| Women's hosiery, except socks | 2251 | 7.43 | 7.44 | 7.47 | 7.35 | - | 285.31 | 272.30 | 283.11 | 266.07 | - |
| Hosiery, nec | 2252 | 7.52 | 7.45 | 7.63 | 7.73 | - | 290.27 | 273.42 | 285.36 | 295.29 | - |
| Knit outerwear mills | 2253 | 7.67 | 7.67 | 7.58 | 7.77 | - | 306.03 | 289.93 | 284.25 | 286.71 | - |
| Knit underwear mills | 2254 | 7.72 | 7.67 | 8.08 | 8.20 | - | 305.71 | 297.60 | 307.04 | 322.26 | - |
| Weft knit fabric mills | 2257 | 8.77 | 8.77 | 9.14 | 9.17 | - | 357.82 | 356.06 | 365.60 | 381.47 | - |
| Textile finishing, except wool | 226 | 9.00 | 8.90 | 9.09 | 9.23 | - | 388.80 | 372.02 | 385.42 | 408.89 | - |
| Finishing plants, cotton | 2261 | 8.96 | 8.85 | 8.93 | 9.13 | - | 388.86 | 367.28 | 375.95 | 409.94 | - |
| Finishing plants, synthetics | 2262 | 9.39 | 9.33 | 9.64 | 9.74 | - | 400.95 | 380.66 | 406.81 | 419.79 | - |
| Carpets and rugs | 227 | 8.58 | 8.57 | 8.71 | 8.87 | - | 363.79 | 352.23 | 355.37 | 386.73 | - |
| Yarn and thread mills | 228 | 8.31 | 8.26 | 8.48 | 8.62 | - | 338.22 | 333.70 | 329.87 | 350.83 | - |
| Yarn spinning mills | 2281 | 8.29 | 8.23 | 8.46 | 8.57 | - | 340.72 | 334.96 | 332.48 | 352.23 | - |
| Throwing and winding mills | 2282 | 8.55 | 8.60 | 8.76 | 9.02 | - | 318.92 | 319.92 | 320.62 | 347.27 | - |
| Miscellaneous textile goods | 229 | 10.07 | 9.97 | 10.46 | 10.46 | - | 426.97 | 419.74 | 440.37 | 451.87 | - |
| Apparel and other textile products | 23 | 6.95 | 6.98 | 7.05 | 7.06 | 7.06 | 258.54 | 250.58 | 260.85 | 257.69 | 263.34 |
| Men's and boys' suits and coats | 231 | 7.60 | 7.68 | 7.76 | 7.76 | - | 274.36 | 261.12 | 278.58 | 279.36 | - |
| Men's and boys' furnishings | 232 | 6.52 | 6.54 | 6.67 | 6.68 | - | 242.54 | 232.82 | 243.46 | 240.48 | - |
| Men's and boys' shirts | 2321 | 6.48 | 6.42 | 6.59 | 6.53 | - | 240.41 | 231.12 | 239.22 | 231.82 | - |
| Men's and boys' trousers and slacks | 2325 | 6.37 | 6.47 | 6.51 | 6.52 | - | 234.42 | 227.74 | 230.45 | 232.76 | - |
| Men's and boys' work clothing | 2326 | 6.32 | 6.38 | 6.45 | 6.51 | - | 231.31 | 216.28 | 233.49 | 229.80 | - |
| Women's and misses' outerwear | 233 | 6.57 | 6.62 | 6.62 | 6.65 | - | 239.15 | 233.02 | 242.29 | 238.07 | - |
| Women's and misses' blouses and shirts | 2331 | 5.93 | 5.94 | 6.08 | 6.10 | - | 212.29 | 205.52 | 218.88 | 216.55 | - |
| Women's, juniors', and misses' dresses | 2335 | 7.00 | 7.11 | 7.08 | 7.20 | - | 249.90 | 243.87 | 259.13 | 250.56 | - |
| Women's and misses' suits and coats | 2337 | 7.09 | 7.20 | 6.97 | 6.92 | - | 252.40 | 239.04 | 253.01 | 249.12 | - |
| Women's and misses' outerwear, nec | 2339 | 6.48 | 6.52 | 6.54 | 6.56 | - | 239.11 | 233.42 | 240.02 | 236.82 | - |
| Women's and children's undergarments | 234 | 6.67 | 6.65 | 6.86 | 6.88 | - | 249.46 | 237.41 | 257.25 | 256.62 | - |
| Women's and children's underwear | 2341 | 6.48 | 6.44 | 6.54 | 6.58 | - | 244.94 | 229.91 | 247.87 | 248.07 | - |
| Brassieres, girdles, and allied garments | 2342 | 7.63 | 7.67 | 8.30 | 8.20 | - | 273.15 | 273.82 | 298.80 | 291.92 | - |
| Girls' and children's outerwear | 236 | 6.28 | 6.26 | 6.35 | 6.34 | - | 231.73 | 217.22 | 223.52 | 221.90 | - |
| Girls' and children's dresses and blouses | 2361 | 6.21 | 6.17 | 6.34 | 6.24 | - | 226.04 | 205.46 | 225.07 | 214.03 | - |
| Misc. apparel and accessories | 238 | 6.79 | 6.69 | 6.90 | 6.83 | - | 252.59 | 245.52 | 252.54 | 251.34 | - |
| Misc. fabricated textile products | 239 | 8.25 | 8.31 | 8.29 | 8.22 | - | 320.10 | 315.78 | 321.65 | 315.65 | - |
| Curtains and draperies | 2391 | 7.02 | 7.04 | 7.15 | 7.07 | - | 260.44 | 256.96 | 270.99 | 266.54 | - |
| House furnishings, nec | 2392 | 7.06 | 6.92 | 7.16 | 7.18 | - | 269.69 | 251.20 | 270.65 | 270.69 | - |
| Automotive and apparel trimmings | 2396 | 10.98 | 11.16 | 10.60 | 10.43 | - | 440.30 | 449.75 | 428.24 | 411.99 | - |
| Paper and allied products | 26 | 13.07 | 13.00 | 13.22 | 13.39 | 13.40 | 569.85 | 560.30 | 568.46 | 581.13 | 584.24 |
| Paper mills | 262 | 16.07 | 15.91 | 16.22 | 16.51 | - | 731.19 | 720.72 | 731.52 | 756.16 | - |
| Paperboard mills | 263 | 16.24 | 16.11 | 16.54 | 16.74 | - | 737.30 | 731.39 | 744.30 | 756.65 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|---|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Nondurable goods—Continued | | | | | | | | | | | |
| Paper and allied products—Continued | | | | | | | | | | | |
| Paperboard containers and boxes | 265 | 43.1 | 42.5 | 42.5 | 42.6 | - | 4.9 | 4.3 | 4.4 | 4.8 | - |
| Corrugated and solid fiber boxes | 2653 | 43.6 | 42.9 | 43.3 | 43.3 | - | 5.2 | 4.5 | 4.9 | 5.2 | - |
| Sanitary food containers | 2656 | 43.0 | 44.4 | 41.7 | 42.5 | - | 4.6 | 5.5 | 3.8 | 4.6 | - |
| Folding paperboard boxes | 2657 | 42.6 | 41.8 | 42.1 | 42.3 | - | 5.0 | 4.4 | 4.6 | 4.8 | - |
| Misc. converted paper products | 267 | 42.2 | 41.6 | 41.5 | 41.9 | - | 4.3 | 3.9 | 3.9 | 4.2 | - |
| Paper, coated and laminated, nec | 2672 | 42.4 | 42.3 | 41.2 | 42.4 | - | 3.7 | 3.3 | 3.0 | 3.7 | - |
| Bags: plastics, laminated, and coated | 2673 | 41.8 | 41.3 | 40.8 | 41.5 | - | 4.8 | 4.4 | 4.1 | 4.4 | - |
| Envelopes | 2677 | 41.4 | 40.4 | 41.4 | 41.1 | - | 3.5 | 2.4 | 3.5 | 3.4 | - |
| Printing and publishing | 27 | 38.0 | 37.5 | 38.2 | 38.1 | 37.9 | 2.9 | 2.6 | 3.0 | 2.9 | - |
| Newspapers | 271 | 33.0 | 32.5 | 32.9 | 33.0 | - | 1.1 | 1.0 | 1.2 | 1.1 | - |
| Periodicals | 272 | 37.7 | 37.3 | 37.5 | 37.6 | - | 2.8 | 2.5 | 2.4 | 2.6 | - |
| Books | 273 | 39.7 | 39.1 | 38.9 | 39.9 | - | 3.2 | 3.2 | 3.0 | 3.3 | - |
| Book publishing | 2731 | 38.6 | 38.3 | 39.0 | 39.6 | - | 2.2 | 2.3 | 3.0 | 2.7 | - |
| Book printing | 2732 | 41.0 | 40.1 | 38.7 | 40.3 | - | 4.5 | 4.2 | 2.9 | 4.0 | - |
| Miscellaneous publishing | 274 | 35.7 | 35.3 | 36.4 | 37.1 | - | 1.7 | 1.5 | 1.5 | 2.0 | - |
| Commercial printing | 275 | 39.7 | 39.3 | 40.0 | 39.7 | - | 3.7 | 3.3 | 3.9 | 3.6 | - |
| Commercial printing, lithographic | 2752 | 39.6 | 39.0 | 39.8 | 39.4 | - | 3.6 | 3.2 | 3.7 | 3.4 | - |
| Commercial printing, nec | 2759 | 39.3 | 39.4 | 40.0 | 40.0 | - | 3.4 | 3.3 | 3.8 | 3.8 | - |
| Manifold business forms | 276 | 41.2 | 40.1 | 40.6 | 41.0 | - | 3.4 | 2.4 | 3.1 | 3.1 | - |
| Blankbooks and bookbinding | 278 | 38.1 | 37.0 | 38.5 | 37.8 | - | 2.1 | 1.4 | 2.0 | 1.7 | - |
| Printing trade services | 279 | 39.4 | 38.7 | 39.4 | 39.6 | - | 4.2 | 3.4 | 4.2 | 4.2 | - |
| Chemicals and allied products | 28 | 43.1 | 43.2 | 42.7 | 42.8 | 43.0 | 4.8 | 4.7 | 4.5 | 4.6 | - |
| Industrial inorganic chemicals | 281 | 43.5 | 43.4 | 44.0 | 44.2 | - | 5.0 | 5.0 | 4.7 | 4.8 | - |
| Industrial inorganic chemicals, nec | 2819 | 43.2 | 43.3 | 43.7 | 43.9 | - | 5.1 | 5.0 | 4.7 | 5.0 | - |
| Plastics materials and synthetics | 282 | 43.8 | 43.8 | 43.5 | 44.1 | - | 5.6 | 5.6 | 5.5 | 5.8 | - |
| Plastics materials and resins | 2821 | 44.3 | 44.3 | 44.2 | 44.7 | - | 6.0 | 6.1 | 6.1 | 6.3 | - |
| Organic fibers, noncellulosic | 2824 | 43.4 | 43.4 | 42.8 | 43.8 | - | 4.9 | 4.8 | 4.8 | 5.2 | - |
| Drugs | 283 | 42.5 | 42.8 | 41.1 | 40.7 | - | 4.1 | 3.7 | 3.7 | 3.5 | - |
| Pharmaceutical preparations | 2834 | 42.4 | 42.7 | 40.9 | 40.5 | - | 4.0 | 3.6 | 3.6 | 3.5 | - |
| Soap, cleaners, and toilet goods | 284 | 41.2 | 40.3 | 41.4 | 40.9 | - | 3.6 | 2.9 | 3.1 | 3.2 | - |
| Soap and other detergents | 2841 | 42.0 | 40.7 | 42.1 | 42.3 | - | 4.7 | 3.3 | 4.2 | 4.2 | - |
| Polishing, sanitation, and finishing preparations | 2842,3 | 41.4 | 40.9 | 40.6 | 41.5 | - | 3.6 | 3.2 | 3.1 | 3.3 | - |
| Toilet preparations | 2844 | 40.7 | 39.8 | 41.5 | 39.7 | - | 2.9 | 2.4 | 2.4 | 2.5 | - |
| Paints and allied products | 285 | 41.6 | 40.6 | 41.0 | 41.6 | - | 3.5 | 3.2 | 3.2 | 3.6 | - |
| Industrial organic chemicals | 286 | 45.6 | 46.7 | 44.9 | 45.4 | - | 6.4 | 6.9 | 6.2 | 6.1 | - |
| Cyclic crudes and intermediates | 2865 | 45.2 | 46.2 | 45.5 | 45.8 | - | 6.8 | 6.7 | 8.4 | 7.2 | - |
| Industrial organic chemicals, nec | 2869 | 45.7 | 46.9 | 44.7 | 45.3 | - | 6.3 | 7.0 | 5.7 | 5.9 | - |
| Agricultural chemicals | 287 | 44.7 | 44.9 | 44.4 | 44.6 | - | 5.9 | 6.4 | 5.5 | 6.1 | - |
| Miscellaneous chemical products | 289 | 42.6 | 42.7 | 42.5 | 42.5 | - | 4.2 | 4.1 | 4.4 | 4.2 | - |
| Petroleum and coal products | 29 | 43.8 | 43.5 | 43.3 | 44.9 | 45.0 | 6.2 | 6.1 | 5.9 | 5.9 | - |
| Petroleum refining | 291 | 43.7 | 43.4 | 43.8 | 45.5 | - | 5.9 | 6.0 | 5.9 | 5.7 | - |
| Asphalt paving and roofing materials | 295 | 45.2 | 45.1 | 41.9 | 44.1 | - | 8.3 | 7.4 | 6.3 | 7.5 | - |
| Rubber and misc. plastics products | 30 | 41.7 | 41.3 | 41.5 | 41.7 | 41.9 | 4.1 | 3.7 | 4.0 | 4.2 | - |
| Tires and inner tubes | 301 | 44.8 | 44.6 | 43.9 | 44.4 | - | 6.3 | 6.0 | 6.3 | 6.6 | - |
| Rubber and plastics footwear | 302 | 42.4 | 41.4 | 40.8 | 41.5 | - | 3.1 | 2.6 | 2.8 | 3.0 | - |
| Hose, belting, gaskets, and packing | 305 | 41.5 | 41.1 | 42.4 | 41.8 | - | 3.7 | 3.2 | 4.0 | 4.2 | - |
| Rubber and plastics hose and belting | 3052 | 42.0 | 40.8 | 41.7 | 41.7 | - | 3.8 | 2.7 | 3.5 | 4.2 | - |
| Fabricated rubber products, nec | 306 | 41.3 | 40.6 | 41.6 | 41.0 | - | 3.4 | 2.9 | 3.5 | 3.4 | - |
| Miscellaneous plastics products, nec | 308 | 41.3 | 41.0 | 41.1 | 41.4 | - | 3.9 | 3.6 | 3.8 | 4.0 | - |
| Leather and leather products | 31 | 38.0 | 36.8 | 38.4 | 38.4 | 38.8 | 2.1 | 1.7 | 1.9 | 2.3 | - |
| Leather tanning and finishing | 311 | 43.2 | 42.8 | 43.5 | 43.0 | - | 5.4 | 5.3 | 5.7 | 5.6 | - |
| Footwear, except rubber | 314 | 36.9 | 34.9 | 37.4 | 37.8 | - | 1.5 | .9 | 1.2 | 1.8 | - |
| Men's footwear, except athletic | 3143 | 37.1 | 35.3 | 37.8 | 37.7 | - | 1.9 | 1.3 | 1.3 | 1.8 | - |
| Women's footwear, except athletic | 3144 | 36.4 | 34.9 | 36.7 | 37.7 | - | 1.0 | .6 | 1.0 | 1.9 | - |
| Luggage | 316 | 38.7 | 39.0 | 39.3 | 38.9 | - | 2.3 | 2.1 | 2.3 | 2.8 | - |
| Handbags and personal leather goods | 317 | 37.8 | 37.3 | 37.5 | 37.6 | - | 1.4 | 1.0 | .7 | .6 | - |
| Transportation and public utilities | | 38.9 | 38.3 | 39.2 | 39.2 | 39.8 | - | - | - | - | - |
| Railroad transportation: | | | | | | | | | | | |
| Class I railroads ³ | 4011 | 44.2 | 42.6 | 45.0 | 45.2 | - | - | - | - | - | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|---|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|---------------|---------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Nondurable goods—Continued | | | | | | | | | | | |
| Paper and allied products—Continued | | | | | | | | | | | |
| Paperboard containers and boxes | 265 | \$11.00 | \$10.99 | \$11.12 | \$11.25 | - | \$474.10 | \$467.08 | \$472.60 | \$479.25 | - |
| Corrugated and solid fiber boxes | 2653 | 11.05 | 11.03 | 11.10 | 11.24 | - | 481.78 | 473.19 | 480.63 | 486.69 | - |
| Sanitary food containers | 2656 | 10.98 | 11.02 | 11.08 | 11.29 | - | 472.14 | 489.29 | 462.04 | 479.83 | - |
| Folding paperboard boxes | 2657 | 11.59 | 11.46 | 11.76 | 11.84 | - | 493.73 | 479.03 | 495.10 | 500.83 | - |
| Misc. converted paper products | 267 | 11.52 | 11.46 | 11.67 | 11.74 | - | 486.14 | 476.74 | 484.31 | 491.91 | - |
| Paper, coated and laminated, nec | 2672 | 13.14 | 13.16 | 13.37 | 13.33 | - | 557.14 | 556.67 | 550.84 | 565.19 | - |
| Bags: plastics, laminated, and coated | 2673 | 10.85 | 10.75 | 11.05 | 11.10 | - | 453.53 | 443.98 | 450.84 | 460.65 | - |
| Envelopes | 2677 | 10.73 | 10.54 | 10.82 | 10.84 | - | 444.22 | 425.82 | 447.95 | 445.52 | - |
| Printing and publishing | 27 | 11.74 | 11.63 | 11.87 | 11.88 | \$11.84 | 446.12 | 436.13 | 453.43 | 452.63 | \$448.74 |
| Newspapers | 271 | 11.65 | 11.55 | 11.86 | 11.82 | - | 384.45 | 375.38 | 390.19 | 390.06 | - |
| Periodicals | 272 | 12.67 | 12.61 | 12.90 | 13.16 | - | 477.66 | 470.35 | 483.75 | 494.82 | - |
| Books | 273 | 10.65 | 10.38 | 10.71 | 10.69 | - | 422.81 | 405.86 | 416.62 | 426.53 | - |
| Book publishing | 2731 | 10.32 | 10.04 | 10.50 | 10.36 | - | 398.35 | 384.53 | 409.50 | 410.26 | - |
| Book printing | 2732 | 11.03 | 10.79 | 10.96 | 11.06 | - | 452.23 | 432.68 | 424.15 | 445.72 | - |
| Miscellaneous publishing | 274 | 11.09 | 10.91 | 11.08 | 11.12 | - | 395.91 | 385.12 | 403.31 | 412.55 | - |
| Commercial printing | 275 | 11.95 | 11.85 | 12.07 | 12.07 | - | 474.42 | 465.71 | 482.80 | 479.18 | - |
| Commercial printing, lithographic | 2752 | 11.98 | 11.85 | 12.13 | 12.14 | - | 474.41 | 462.15 | 482.77 | 478.32 | - |
| Commercial printing, nec | 2759 | 11.76 | 11.72 | 11.79 | 11.74 | - | 462.17 | 461.77 | 471.60 | 469.60 | - |
| Manifold business forms | 276 | 12.44 | 12.43 | 12.46 | 12.39 | - | 512.53 | 498.44 | 505.88 | 507.99 | - |
| Blankbooks and bookbinding | 278 | 9.17 | 9.15 | 9.24 | 9.28 | - | 349.38 | 338.55 | 355.74 | 350.78 | - |
| Printing trade services | 279 | 14.40 | 14.35 | 14.69 | 14.61 | - | 567.36 | 555.35 | 578.79 | 578.56 | - |
| Chemicals and allied products | 28 | 14.51 | 14.45 | 14.73 | 14.83 | 14.79 | 625.38 | 624.24 | 628.97 | 634.72 | 635.97 |
| Industrial inorganic chemicals | 281 | 15.73 | 15.60 | 16.22 | 16.25 | - | 684.26 | 677.04 | 713.68 | 718.25 | - |
| Industrial inorganic chemicals, nec | 2819 | 16.03 | 15.87 | 16.68 | 16.66 | - | 692.50 | 687.17 | 728.92 | 731.37 | - |
| Plastics materials and synthetics | 282 | 15.37 | 15.35 | 15.27 | 15.24 | - | 673.21 | 672.33 | 664.25 | 672.08 | - |
| Plastics materials and resins | 2821 | 15.88 | 15.99 | 16.17 | 16.19 | - | 703.48 | 708.36 | 714.71 | 723.69 | - |
| Organic fibers, noncellulosic | 2824 | 14.71 | 14.61 | 14.23 | 14.10 | - | 638.41 | 634.07 | 609.04 | 617.58 | - |
| Drugs | 283 | 14.11 | 13.96 | 14.60 | 14.75 | - | 599.68 | 597.49 | 600.06 | 600.33 | - |
| Pharmaceutical preparations | 2834 | 14.16 | 14.02 | 14.61 | 14.83 | - | 600.38 | 598.65 | 597.55 | 600.62 | - |
| Soap, cleaners, and toilet goods | 284 | 12.00 | 11.94 | 12.20 | 12.36 | - | 494.40 | 481.18 | 505.08 | 505.52 | - |
| Soap and other detergents | 2841 | 15.48 | 15.32 | 15.98 | 16.04 | - | 650.16 | 623.52 | 672.76 | 678.49 | - |
| Polishing, sanitation, and finishing preparations | 2842,3 | 10.90 | 10.78 | 11.24 | 11.36 | - | 451.26 | 440.90 | 456.34 | 471.44 | - |
| Toilet preparations | 2844 | 10.44 | 10.49 | 10.44 | 10.64 | - | 424.91 | 417.50 | 433.26 | 422.41 | - |
| Paints and allied products | 285 | 12.67 | 12.71 | 12.64 | 12.68 | - | 527.07 | 516.03 | 518.24 | 527.49 | - |
| Industrial organic chemicals | 286 | 17.29 | 17.23 | 17.48 | 17.71 | - | 788.42 | 804.64 | 784.85 | 804.03 | - |
| Cyclic crudes and intermediates | 2865 | 16.78 | 16.59 | 17.28 | 17.48 | - | 758.46 | 766.46 | 786.24 | 800.58 | - |
| Industrial organic chemicals, nec | 2869 | 17.57 | 17.56 | 17.69 | 17.93 | - | 802.95 | 823.56 | 790.74 | 812.23 | - |
| Agricultural chemicals | 287 | 14.83 | 14.47 | 14.94 | 14.87 | - | 662.90 | 649.70 | 663.34 | 663.20 | - |
| Miscellaneous chemical products | 289 | 13.06 | 13.00 | 13.34 | 13.44 | - | 556.36 | 555.10 | 566.95 | 571.20 | - |
| Petroleum and coal products | 29 | 17.91 | 17.95 | 18.67 | 18.70 | 18.26 | 784.46 | 780.83 | 808.41 | 839.63 | 821.70 |
| Petroleum refining | 291 | 19.55 | 19.68 | 20.36 | 20.56 | - | 854.34 | 854.11 | 891.77 | 935.48 | - |
| Asphalt paving and roofing materials | 295 | 13.21 | 12.87 | 13.51 | 13.34 | - | 597.09 | 580.44 | 566.07 | 588.29 | - |
| Rubber and misc. plastics products | 30 | 10.37 | 10.33 | 10.49 | 10.62 | 10.62 | 432.43 | 426.63 | 435.34 | 442.85 | 444.98 |
| Tires and inner tubes | 301 | 16.75 | 16.71 | 17.23 | 17.76 | - | 750.40 | 745.27 | 756.40 | 788.54 | - |
| Rubber and plastics footwear | 302 | 7.21 | 6.89 | 7.35 | 7.39 | - | 305.70 | 285.25 | 299.88 | 306.69 | - |
| Hose, belting, gaskets, and packing | 305 | 10.27 | 10.22 | 10.39 | 10.46 | - | 426.21 | 420.04 | 440.54 | 437.23 | - |
| Rubber and plastics hose and belting | 3052 | 10.30 | 10.24 | 10.51 | 10.56 | - | 432.60 | 417.79 | 438.27 | 440.35 | - |
| Fabricated rubber products, nec | 306 | 9.78 | 9.78 | 9.80 | 9.88 | - | 403.91 | 397.07 | 407.68 | 405.08 | - |
| Miscellaneous plastics products, nec | 308 | 9.66 | 9.63 | 9.74 | 9.84 | - | 398.96 | 394.83 | 400.31 | 407.38 | - |
| Leather and leather products | 31 | 7.42 | 7.49 | 7.50 | 7.58 | 7.55 | 281.96 | 275.63 | 288.00 | 291.07 | 292.94 |
| Leather tanning and finishing | 311 | 9.68 | 9.89 | 9.66 | 9.90 | - | 418.18 | 423.29 | 420.21 | 425.70 | - |
| Footwear, except rubber | 314 | 7.01 | 7.06 | 7.10 | 7.14 | - | 258.67 | 246.39 | 265.54 | 269.89 | - |
| Men's footwear, except athletic | 3143 | 7.61 | 7.67 | 7.65 | 7.67 | - | 282.33 | 270.75 | 289.17 | 289.16 | - |
| Women's footwear, except athletic | 3144 | 6.49 | 6.52 | 6.55 | 6.57 | - | 236.24 | 227.55 | 240.39 | 247.69 | - |
| Luggage | 316 | 7.49 | 7.22 | 7.77 | 8.07 | - | 289.86 | 281.58 | 305.36 | 313.92 | - |
| Handbags and personal leather goods | 317 | 6.50 | 6.46 | 6.73 | 6.67 | - | 245.70 | 240.96 | 252.38 | 250.79 | - |
| Transportation and public utilities | | 13.46 | 13.40 | 13.63 | 13.60 | 13.55 | 523.59 | 513.22 | 534.30 | 533.12 | 539.29 |
| Railroad transportation: | | | | | | | | | | | |
| Class I railroads ^a | 4011 | 16.66 | 17.10 | 16.73 | 16.85 | - | 736.37 | 728.46 | 752.85 | 761.62 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|--|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P |
| Transportation and public utilities—Continued | | | | | | | | | | | |
| Local and interurban passenger transit | 41 | 33.9 | 33.6 | 33.1 | 32.9 | - | - | - | - | - | - |
| Local and suburban transportation | 411 | 38.4 | 38.6 | 37.9 | 38.1 | - | - | - | - | - | - |
| Intercity and rural bus transportation | 413 | 38.4 | 38.2 | 37.0 | 39.4 | - | - | - | - | - | - |
| Trucking and warehousing | 42 | 38.7 | 38.3 | 38.1 | 38.1 | - | - | - | - | - | - |
| Trucking and courier services, except air | 421 | 38.6 | 38.2 | 37.9 | 38.0 | - | - | - | - | - | - |
| Public warehousing and storage | 422 | 40.0 | 39.7 | 39.6 | 39.1 | - | - | - | - | - | - |
| Water transportation: | | | | | | | | | | | |
| Water transportation services | 449 | 35.4 | 35.4 | 36.4 | 36.1 | - | - | - | - | - | - |
| Pipelines, except natural gas | 46 | 41.4 | 41.4 | 40.2 | 42.3 | - | - | - | - | - | - |
| Transportation services | 47 | 36.9 | 36.6 | 36.8 | 36.5 | - | - | - | - | - | - |
| Passenger transportation arrangement | 472 | 36.2 | 35.9 | 36.0 | 35.6 | - | - | - | - | - | - |
| Travel agencies | 4724 | 36.1 | 35.8 | 35.9 | 35.6 | - | - | - | - | - | - |
| Freight transportation arrangement | 473 | 37.3 | 37.0 | 37.5 | 37.0 | - | - | - | - | - | - |
| Communications | 48 | 39.4 | 39.0 | 39.3 | 39.4 | - | - | - | - | - | - |
| Telephone communications | 481 | 40.9 | 40.5 | 40.8 | 41.0 | - | - | - | - | - | - |
| Telephone communications, except radio | 4813 | 40.9 | 40.6 | 40.8 | 41.0 | - | - | - | - | - | - |
| Radio and television broadcasting | 483 | 34.7 | 34.3 | 34.5 | 34.7 | - | - | - | - | - | - |
| Cable and other pay television services | 484 | 38.9 | 38.3 | 38.8 | 38.8 | - | - | - | - | - | - |
| Electric, gas, and sanitary services | 49 | 41.9 | 41.9 | 42.6 | 42.1 | - | - | - | - | - | - |
| Electric services | 491 | 41.7 | 41.7 | 42.8 | 42.0 | - | - | - | - | - | - |
| Gas production and distribution | 492 | 42.4 | 42.4 | 42.1 | 42.0 | - | - | - | - | - | - |
| Combination utility services | 493 | 42.0 | 42.1 | 43.7 | 42.7 | - | - | - | - | - | - |
| Sanitary services | 495 | 42.4 | 42.3 | 42.2 | 42.5 | - | - | - | - | - | - |
| Wholesale trade | | 38.2 | 38.2 | 37.8 | 38.0 | 38.5 | - | - | - | - | - |
| Durable goods | 50 | 38.7 | 38.5 | 38.4 | 38.6 | - | - | - | - | - | - |
| Motor vehicles, parts, and supplies | 501 | 38.1 | 37.9 | 38.4 | 38.8 | - | - | - | - | - | - |
| Furniture and home furnishings | 502 | 37.0 | 36.9 | 37.0 | 37.1 | - | - | - | - | - | - |
| Lumber and other construction materials | 503 | 39.8 | 39.9 | 38.9 | 39.1 | - | - | - | - | - | - |
| Professional and commercial equipment | 504 | 39.0 | 38.9 | 38.5 | 38.7 | - | - | - | - | - | - |
| Medical and hospital equipment | 5047 | 37.5 | 37.2 | 37.2 | 37.5 | - | - | - | - | - | - |
| Metals and minerals, except petroleum | 505 | 40.1 | 39.9 | 40.0 | 40.2 | - | - | - | - | - | - |
| Electrical goods | 506 | 38.6 | 38.6 | 38.2 | 38.2 | - | - | - | - | - | - |
| Hardware, plumbing, and heating equipment | 507 | 38.5 | 38.3 | 38.4 | 38.4 | - | - | - | - | - | - |
| Machinery, equipment, and supplies | 508 | 39.2 | 39.0 | 39.0 | 39.4 | - | - | - | - | - | - |
| Misc. wholesale trade durable goods | 509 | 37.0 | 36.9 | 36.9 | 36.9 | - | - | - | - | - | - |
| Nondurable goods | 51 | 37.5 | 37.6 | 36.9 | 37.2 | - | - | - | - | - | - |
| Paper and paper products | 511 | 37.0 | 37.1 | 35.8 | 36.1 | - | - | - | - | - | - |
| Drugs, proprietaries, and sundries | 512 | 37.1 | 36.8 | 36.7 | 36.7 | - | - | - | - | - | - |
| Apparel, piece goods, and notions | 513 | 36.9 | 36.6 | 36.4 | 36.2 | - | - | - | - | - | - |
| Groceries and related products | 514 | 38.3 | 38.5 | 38.0 | 38.2 | - | - | - | - | - | - |
| Farm-product raw materials | 515 | 35.7 | 35.7 | 34.2 | 35.1 | - | - | - | - | - | - |
| Chemicals and allied products | 516 | 40.2 | 40.0 | 39.7 | 39.7 | - | - | - | - | - | - |
| Petroleum and petroleum products | 517 | 38.2 | 38.1 | 36.8 | 37.5 | - | - | - | - | - | - |
| Beer, wine, and distilled beverages | 518 | 36.9 | 37.1 | 36.8 | 37.1 | - | - | - | - | - | - |
| Misc. wholesale trade nondurable goods | 519 | 36.6 | 37.1 | 36.0 | 36.6 | - | - | - | - | - | - |
| Retail trade | | 28.8 | 28.5 | 27.8 | 28.5 | 29.0 | - | - | - | - | - |
| Building materials and garden supplies | 52 | 36.3 | 36.0 | 35.5 | 36.3 | - | - | - | - | - | - |
| Lumber and other building materials | 521 | 38.2 | 38.0 | 37.5 | 38.3 | - | - | - | - | - | - |
| Paint, glass, and wallpaper stores | 523 | 35.9 | 35.4 | 35.6 | 36.2 | - | - | - | - | - | - |
| Hardware stores | 525 | 32.3 | 32.1 | 31.3 | 32.0 | - | - | - | - | - | - |
| Retail nurseries and garden stores | 526 | 34.4 | 34.3 | 32.8 | 34.2 | - | - | - | - | - | - |
| General merchandise stores | 53 | 29.3 | 28.8 | 27.7 | 28.3 | - | - | - | - | - | - |
| Department stores | 531 | 29.3 | 28.8 | 27.7 | 28.3 | - | - | - | - | - | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|--|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|---------------|---------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Transportation and public utilities—Continued | | | | | | | | | | | |
| Local and interurban passenger transit | 41 | \$9.83 | \$9.74 | \$9.90 | \$10.00 | - | \$333.24 | \$327.26 | \$327.69 | \$329.00 | - |
| Local and suburban transportation | 411 | 10.50 | 10.39 | 10.67 | 10.72 | - | 403.20 | 401.05 | 404.39 | 408.43 | - |
| Intercity and rural bus transportation | 413 | 13.16 | 13.45 | 12.75 | 12.89 | - | 505.34 | 513.79 | 471.75 | 507.87 | - |
| Trucking and warehousing | 42 | 12.10 | 12.06 | 12.26 | 12.29 | - | 468.27 | 461.90 | 467.11 | 468.25 | - |
| Trucking and courier services, except air | 421 | 12.27 | 12.23 | 12.45 | 12.45 | - | 473.62 | 467.19 | 471.86 | 473.10 | - |
| Public warehousing and storage | 422 | 9.91 | 9.86 | 9.95 | 10.10 | - | 396.40 | 391.44 | 394.02 | 394.91 | - |
| Water transportation: | | | | | | | | | | | |
| Water transportation services | 449 | 16.68 | 16.37 | 17.19 | 16.85 | - | 590.47 | 579.50 | 625.72 | 608.29 | - |
| Pipelines, except natural gas | 46 | 18.64 | 18.43 | 19.19 | 19.25 | - | 771.70 | 763.00 | 771.44 | 814.28 | - |
| Transportation services | 47 | 10.78 | 10.71 | 10.99 | 10.99 | - | 397.78 | 391.99 | 404.43 | 401.14 | - |
| Passenger transportation arrangement | 472 | 9.89 | 9.77 | 10.14 | 10.15 | - | 358.02 | 350.74 | 365.04 | 361.34 | - |
| Travel agencies | 4724 | 9.92 | 9.87 | 10.04 | 10.06 | - | 358.11 | 353.35 | 360.44 | 358.14 | - |
| Freight transportation arrangement | 473 | 11.99 | 11.92 | 12.22 | 12.19 | - | 447.23 | 441.04 | 458.25 | 451.03 | - |
| Communications | 48 | 14.43 | 14.19 | 14.75 | 14.80 | - | 568.54 | 553.41 | 579.68 | 583.12 | - |
| Telephone communications | 481 | 15.11 | 14.81 | 15.46 | 15.48 | - | 618.00 | 599.81 | 630.77 | 634.68 | - |
| Telephone communications, except radio | 4813 | 15.27 | 14.96 | 15.63 | 15.64 | - | 624.54 | 607.38 | 637.70 | 641.24 | - |
| Radio and television broadcasting | 483 | 13.82 | 13.77 | 14.00 | 14.25 | - | 479.55 | 472.31 | 483.00 | 494.48 | - |
| Cable and other pay television services | 484 | 11.01 | 10.93 | 11.37 | 11.30 | - | 428.29 | 418.62 | 441.16 | 438.44 | - |
| Electric, gas, and sanitary services | 49 | 16.09 | 15.91 | 16.81 | 16.62 | - | 674.17 | 666.63 | 716.11 | 699.70 | - |
| Electric services | 491 | 16.69 | 16.52 | 17.51 | 17.24 | - | 695.97 | 688.88 | 749.43 | 724.08 | - |
| Gas production and distribution | 492 | 15.37 | 15.02 | 16.15 | 16.13 | - | 651.69 | 636.85 | 679.92 | 677.46 | - |
| Combination utility services | 493 | 18.89 | 18.70 | 19.85 | 19.67 | - | 793.38 | 787.27 | 867.45 | 839.91 | - |
| Sanitary services | 495 | 12.01 | 12.01 | 12.02 | 12.04 | - | 509.22 | 508.02 | 507.24 | 511.70 | - |
| Wholesale trade | | 11.39 | 11.33 | 11.59 | 11.70 | \$11.73 | 435.10 | 432.81 | 438.10 | 444.60 | \$451.61 |
| Durable goods | 50 | 11.73 | 11.68 | 11.91 | 12.04 | - | 453.95 | 449.68 | 457.34 | 464.74 | - |
| Motor vehicles, parts, and supplies | 501 | 10.38 | 10.37 | 10.50 | 10.68 | - | 395.48 | 393.02 | 403.20 | 414.38 | - |
| Furniture and home furnishings | 502 | 10.33 | 10.24 | 10.66 | 10.65 | - | 382.21 | 377.86 | 394.42 | 395.12 | - |
| Lumber and other construction materials | 503 | 11.01 | 10.97 | 11.06 | 11.17 | - | 438.20 | 437.70 | 430.23 | 436.75 | - |
| Professional and commercial equipment | 504 | 13.93 | 13.84 | 14.27 | 14.57 | - | 543.27 | 538.38 | 549.40 | 563.86 | - |
| Medical and hospital equipment | 5047 | 12.82 | 12.72 | 12.98 | 13.23 | - | 480.75 | 473.18 | 482.86 | 496.13 | - |
| Metals and minerals, except petroleum | 505 | 11.85 | 11.86 | 12.02 | 12.06 | - | 475.19 | 473.21 | 480.80 | 484.81 | - |
| Electrical goods | 506 | 12.02 | 11.91 | 12.31 | 12.37 | - | 463.97 | 459.73 | 470.24 | 472.53 | - |
| Hardware, plumbing, and heating equipment | 507 | 11.17 | 11.16 | 11.20 | 11.22 | - | 430.05 | 427.43 | 430.08 | 430.85 | - |
| Machinery, equipment, and supplies | 508 | 11.68 | 11.62 | 11.77 | 11.91 | - | 457.86 | 453.18 | 459.03 | 469.25 | - |
| Misc. wholesale trade (durable goods) | 509 | 9.13 | 9.04 | 9.43 | 9.44 | - | 337.81 | 333.58 | 347.97 | 348.34 | - |
| Nondurable goods | 51 | 10.93 | 10.87 | 11.16 | 11.23 | - | 409.88 | 408.71 | 411.80 | 417.76 | - |
| Paper and paper products | 511 | 11.46 | 11.45 | 11.75 | 11.96 | - | 424.02 | 424.80 | 420.65 | 431.76 | - |
| Drugs, proprietaries, and sundries | 512 | 12.91 | 12.75 | 13.28 | 13.49 | - | 478.96 | 469.20 | 487.38 | 495.08 | - |
| Apparel, piece goods, and notions | 513 | 10.64 | 10.72 | 10.99 | 10.98 | - | 392.62 | 392.35 | 400.04 | 397.48 | - |
| Groceries and related products | 514 | 11.09 | 11.07 | 11.38 | 11.48 | - | 424.75 | 426.20 | 432.44 | 438.54 | - |
| Farm-product raw materials | 515 | 8.21 | 8.19 | 8.32 | 8.35 | - | 293.10 | 292.38 | 284.54 | 293.09 | - |
| Chemicals and allied products | 516 | 13.13 | 13.07 | 13.08 | 13.18 | - | 527.83 | 522.80 | 519.28 | 523.25 | - |
| Petroleum and petroleum products | 517 | 10.48 | 10.37 | 10.48 | 10.59 | - | 400.34 | 395.10 | 385.66 | 397.13 | - |
| Beer, wine, and distilled beverages | 518 | 12.79 | 12.72 | 12.82 | 13.08 | - | 471.95 | 471.91 | 471.78 | 485.27 | - |
| Misc. wholesale trade nondurable goods | 519 | 9.30 | 9.17 | 9.43 | 9.39 | - | 340.38 | 340.21 | 339.48 | 343.67 | - |
| Retail trade | | 7.13 | 7.10 | 7.28 | 7.27 | 7.29 | 205.34 | 202.35 | 202.38 | 207.20 | 211.41 |
| Building materials and garden supplies | 52 | 8.43 | 8.38 | 8.63 | 8.59 | - | 306.01 | 301.68 | 306.37 | 311.82 | - |
| Lumber and other building materials | 521 | 8.81 | 8.79 | 8.99 | 8.98 | - | 336.54 | 334.02 | 337.13 | 343.93 | - |
| Paint, glass, and wallpaper stores | 523 | 9.03 | 9.06 | 9.16 | 9.25 | - | 324.18 | 320.72 | 326.10 | 334.85 | - |
| Hardware stores | 525 | 7.23 | 7.24 | 7.46 | 7.41 | - | 233.53 | 232.40 | 233.50 | 237.12 | - |
| Retail nurseries and garden stores | 526 | 7.34 | 7.13 | 7.53 | 7.38 | - | 252.50 | 244.56 | 246.98 | 252.40 | - |
| General merchandise stores | 53 | 7.18 | 7.17 | 7.33 | 7.27 | - | 210.37 | 206.50 | 203.04 | 205.74 | - |
| Department stores | 531 | 7.23 | 7.23 | 7.34 | 7.27 | - | 211.84 | 208.22 | 203.32 | 205.74 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|--|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P |
| Retail trade—Continued | | | | | | | | | | | |
| General merchandise stores—Continued | | | | | | | | | | | |
| Variety stores | 533 | 27.9 | 27.8 | 27.0 | 28.1 | - | - | - | - | - | - |
| Misc. general merchandise stores | 539 | 29.7 | 29.7 | 27.6 | 28.6 | - | - | - | - | - | - |
| Food stores | | | | | | | | | | | |
| Food stores | 54 | 29.6 | 29.6 | 28.9 | 29.0 | - | - | - | - | - | - |
| Grocery stores | 541 | 29.8 | 29.7 | 29.0 | 29.1 | - | - | - | - | - | - |
| Retail bakeries | 546 | 28.4 | 28.6 | 27.8 | 28.6 | - | - | - | - | - | - |
| Automotive dealers and service stations | | | | | | | | | | | |
| Automotive dealers and service stations | 55 | 35.9 | 35.8 | 35.6 | 36.2 | - | - | - | - | - | - |
| New and used car dealers | 551 | 37.4 | 37.3 | 37.0 | 37.6 | - | - | - | - | - | - |
| Auto and home supply stores | 553 | 37.9 | 37.8 | 37.3 | 38.3 | - | - | - | - | - | - |
| Gasoline service stations | 554 | 33.2 | 32.8 | 32.8 | 33.5 | - | - | - | - | - | - |
| Automotive dealers, nec | 559 | 34.4 | 34.8 | 33.3 | 34.1 | - | - | - | - | - | - |
| Apparel and accessory stores | | | | | | | | | | | |
| Apparel and accessory stores | 56 | 26.5 | 26.5 | 25.2 | 25.8 | - | - | - | - | - | - |
| Men's and boys' clothing stores | 561 | 28.5 | 28.1 | 28.3 | 29.3 | - | - | - | - | - | - |
| Women's clothing stores | 562 | 24.0 | 24.2 | 22.7 | 23.3 | - | - | - | - | - | - |
| Family clothing stores | 565 | 27.5 | 27.5 | 26.4 | 26.9 | - | - | - | - | - | - |
| Shoe stores | 566 | 28.2 | 28.7 | 25.4 | 26.7 | - | - | - | - | - | - |
| Furniture and home furnishings stores | | | | | | | | | | | |
| Furniture and home furnishings stores | 57 | 33.0 | 32.6 | 32.4 | 32.7 | - | - | - | - | - | - |
| Furniture and home furnishings stores | 571 | 33.2 | 33.0 | 32.6 | 32.9 | - | - | - | - | - | - |
| Household appliance stores | 572 | 33.9 | 32.5 | 33.0 | 33.4 | - | - | - | - | - | - |
| Radio, television, and computer stores | 573 | 32.5 | 32.1 | 32.0 | 32.3 | - | - | - | - | - | - |
| Radio, television, and electronic stores | 5731 | 32.2 | 31.9 | 31.6 | 32.2 | - | - | - | - | - | - |
| Record and prerecorded tape stores | 5735 | 27.2 | 26.5 | 26.7 | 27.1 | - | - | - | - | - | - |
| Eating and drinking places ⁴ | | | | | | | | | | | |
| Eating and drinking places ⁴ | 58 | 25.0 | 24.7 | 24.0 | 24.9 | - | - | - | - | - | - |
| Miscellaneous retail establishments | | | | | | | | | | | |
| Miscellaneous retail establishments | 59 | 29.8 | 29.6 | 29.0 | 29.4 | - | - | - | - | - | - |
| Drug stores and proprietary stores | 591 | 27.9 | 27.5 | 27.6 | 27.9 | - | - | - | - | - | - |
| Used merchandise stores | 593 | 32.2 | 32.1 | 31.8 | 32.1 | - | - | - | - | - | - |
| Miscellaneous shopping goods stores | 594 | 28.1 | 27.8 | 27.0 | 27.5 | - | - | - | - | - | - |
| Nonstore retailers | 596 | 34.1 | 33.6 | 32.9 | 33.0 | - | - | - | - | - | - |
| Fuel dealers | 598 | 38.2 | 38.2 | 38.3 | 37.6 | - | - | - | - | - | - |
| Retail stores, nec | 599 | 31.2 | 31.4 | 30.0 | 31.0 | - | - | - | - | - | - |
| Finance, insurance, and real estate⁵ | | | | | | | | | | | |
| Finance, insurance, and real estate ⁵ | | | | | | | | | | | |
| Depository institutions | 60 | 35.4 | 35.3 | 34.7 | 35.1 | - | - | - | - | - | - |
| Commercial banks | 602 | 35.2 | 35.2 | 34.5 | 35.0 | - | - | - | - | - | - |
| State commercial banks | 6022 | 35.6 | 35.3 | 35.0 | 35.4 | - | - | - | - | - | - |
| National and commercial banks, nec | 6021,9 | 35.0 | 35.1 | 34.1 | 34.7 | - | - | - | - | - | - |
| Credit unions | 606 | 35.8 | 35.5 | 35.4 | 35.7 | - | - | - | - | - | - |
| Nondepository institutions | | | | | | | | | | | |
| Nondepository institutions | 61 | 37.9 | 38.0 | 37.0 | 37.5 | - | - | - | - | - | - |
| Personal credit institutions | 614 | 37.9 | 37.7 | 37.4 | 37.7 | - | - | - | - | - | - |
| Security and commodity brokers: | | | | | | | | | | | |
| Security and commodity services | 628 | 36.8 | 36.9 | 36.2 | 36.2 | - | - | - | - | - | - |
| Insurance carriers | | | | | | | | | | | |
| Insurance carriers | 63 | 37.8 | 37.6 | 37.8 | 37.9 | - | - | - | - | - | - |
| Life insurance | 631 | 37.4 | 37.3 | 37.6 | 37.7 | - | - | - | - | - | - |
| Medical service and health insurance | 632 | 38.4 | 38.1 | 38.6 | 38.4 | - | - | - | - | - | - |
| Hospital and medical service plans | 6324 | 38.2 | 38.0 | 38.5 | 38.3 | - | - | - | - | - | - |
| Fire, marine, and casualty insurance | 633 | 37.5 | 37.3 | 37.4 | 37.5 | - | - | - | - | - | - |
| Services | | | | | | | | | | | |
| Services | | | | | | | | | | | |
| Agricultural services | 07 | 34.1 | 34.5 | 32.4 | 34.0 | - | - | - | - | - | - |
| Veterinary services | 074 | 28.9 | 28.7 | 28.4 | 29.2 | - | - | - | - | - | - |
| Landscape and horticultural services | 078 | 36.4 | 37.1 | 34.4 | 36.1 | - | - | - | - | - | - |
| Hotels and other lodging places: | | | | | | | | | | | |
| Hotels and motels ⁴ | 701 | 30.7 | 30.2 | 30.3 | 30.6 | - | - | - | - | - | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|--|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|---------------|---------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Retail trade—Continued | | | | | | | | | | | |
| General merchandise stores—Continued | | | | | | | | | | | |
| Variety stores | 533 | \$6.04 | \$5.94 | \$6.52 | \$6.53 | - | \$168.52 | \$165.13 | \$176.04 | \$183.49 | - |
| Misc. general merchandise stores | 539 | 7.52 | 7.46 | 7.81 | 7.83 | - | 223.34 | 221.56 | 215.56 | 223.94 | - |
| Food stores | 54 | 7.57 | 7.52 | 7.82 | 7.82 | - | 224.07 | 222.59 | 226.00 | 226.78 | - |
| Grocery stores | 541 | 7.64 | 7.59 | 7.91 | 7.91 | - | 227.67 | 225.42 | 229.39 | 230.18 | - |
| Retail bakeries | 546 | 6.66 | 6.63 | 6.88 | 6.86 | - | 189.14 | 189.62 | 191.26 | 196.20 | - |
| Automotive dealers and service stations | 55 | 9.33 | 9.32 | 9.41 | 9.60 | - | 334.95 | 333.66 | 335.00 | 347.52 | - |
| New and used car dealers | 551 | 11.57 | 11.55 | 11.62 | 11.97 | - | 432.72 | 430.82 | 429.94 | 450.07 | - |
| Auto and home supply stores | 553 | 8.15 | 8.12 | 8.24 | 8.32 | - | 308.89 | 306.94 | 307.35 | 318.66 | - |
| Gasoline service stations | 554 | 6.54 | 6.53 | 6.58 | 6.61 | - | 217.13 | 214.18 | 215.82 | 221.44 | - |
| Automotive dealers, nec | 559 | 10.69 | 10.93 | 10.67 | 10.80 | - | 367.74 | 380.36 | 355.31 | 368.28 | - |
| Apparel and accessory stores | 56 | 6.88 | 6.89 | 7.01 | 7.09 | - | 182.32 | 182.59 | 176.65 | 182.92 | - |
| Men's and boys' clothing stores | 561 | 8.43 | 8.51 | 8.35 | 8.41 | - | 240.26 | 239.13 | 236.31 | 246.41 | - |
| Women's clothing stores | 562 | 6.48 | 6.49 | 6.72 | 6.79 | - | 155.52 | 157.06 | 152.54 | 158.21 | - |
| Family clothing stores | 565 | 6.64 | 6.59 | 6.79 | 6.85 | - | 182.60 | 181.23 | 179.26 | 184.27 | - |
| Shoe stores | 566 | 7.16 | 7.27 | 7.17 | 7.33 | - | 201.91 | 208.65 | 182.12 | 195.71 | - |
| Furniture and home furnishings stores | 57 | 9.18 | 9.13 | 9.30 | 9.38 | - | 302.94 | 297.64 | 301.32 | 306.73 | - |
| Furniture and home furnishings stores | 571 | 8.98 | 8.91 | 9.13 | 9.19 | - | 298.14 | 294.03 | 297.64 | 302.35 | - |
| Household appliance stores | 572 | 9.48 | 9.23 | 9.55 | 9.59 | - | 321.37 | 299.98 | 315.15 | 320.31 | - |
| Radio, television, and computer stores | 573 | 9.41 | 9.44 | 9.49 | 9.62 | - | 305.83 | 303.02 | 303.68 | 310.73 | - |
| Radio, television, and electronic stores | 5731 | 9.09 | 8.94 | 9.17 | 9.29 | - | 292.70 | 285.19 | 289.77 | 299.14 | - |
| Record and prerecorded tape stores | 5735 | 5.83 | 5.84 | 5.82 | 5.90 | - | 158.58 | 154.76 | 155.39 | 159.89 | - |
| Eating and drinking places ⁴ | 58 | 5.29 | 5.27 | 5.34 | 5.33 | - | 132.25 | 130.17 | 128.16 | 132.72 | - |
| Miscellaneous retail establishments | 59 | 7.68 | 7.62 | 7.93 | 7.90 | - | 228.86 | 225.55 | 229.97 | 232.26 | - |
| Drug stores and proprietary stores | 591 | 7.62 | 7.54 | 8.02 | 7.99 | - | 212.60 | 207.35 | 221.35 | 222.92 | - |
| Used merchandise stores | 593 | 6.68 | 6.73 | 6.67 | 6.69 | - | 215.10 | 216.03 | 212.11 | 214.75 | - |
| Miscellaneous shopping goods stores | 594 | 7.10 | 6.99 | 7.26 | 7.25 | - | 199.51 | 194.32 | 196.02 | 199.38 | - |
| Nonstore retailers | 596 | 8.25 | 8.33 | 8.43 | 8.55 | - | 281.33 | 279.89 | 277.35 | 282.15 | - |
| Fuel dealers | 598 | 10.78 | 10.66 | 11.16 | 10.93 | - | 411.80 | 407.21 | 427.43 | 410.97 | - |
| Retail stores, nec | 599 | 7.96 | 7.87 | 8.15 | 8.09 | - | 248.35 | 247.12 | 244.50 | 250.79 | - |
| Finance, insurance, and real estate⁵ | | 10.82 | 10.74 | 11.17 | 11.21 | \$11.34 | 387.36 | 383.42 | 396.54 | 400.20 | \$410.51 |
| Depository institutions | 60 | 8.90 | 8.86 | 9.09 | 9.07 | - | 315.06 | 312.76 | 315.42 | 318.36 | - |
| Commercial banks | 602 | 8.48 | 8.44 | 8.64 | 8.64 | - | 298.50 | 297.09 | 298.08 | 302.40 | - |
| State commercial banks | 6022 | 8.36 | 8.32 | 8.51 | 8.50 | - | 297.62 | 293.70 | 297.85 | 300.90 | - |
| National and commercial banks, nec | 6021,9 | 8.56 | 8.52 | 8.73 | 8.73 | - | 299.60 | 299.05 | 297.69 | 302.93 | - |
| Credit unions | 606 | 8.74 | 8.67 | 8.95 | 8.96 | - | 312.89 | 307.79 | 316.83 | 319.87 | - |
| Nondepository institutions | 61 | 11.56 | 11.46 | 11.65 | 11.89 | - | 438.12 | 435.48 | 431.05 | 445.88 | - |
| Personal credit institutions | 614 | 9.78 | 9.77 | 9.69 | 9.82 | - | 370.66 | 368.33 | 362.41 | 370.21 | - |
| Security and commodity brokers: | | | | | | | | | | | |
| Security and commodity services | 628 | 15.20 | 15.12 | 15.79 | 15.74 | - | 559.36 | 557.93 | 571.60 | 569.79 | - |
| Insurance carriers | 63 | 12.37 | 12.22 | 12.86 | 12.99 | - | 467.59 | 459.47 | 486.11 | 492.32 | - |
| Life insurance | 631 | 11.26 | 11.13 | 11.86 | 11.98 | - | 421.12 | 415.15 | 445.94 | 451.65 | - |
| Medical service and health insurance | 632 | 11.85 | 11.75 | 12.54 | 12.50 | - | 455.04 | 447.68 | 484.04 | 480.00 | - |
| Hospital and medical service plans | 6324 | 12.02 | 11.93 | 12.87 | 12.82 | - | 459.16 | 453.34 | 495.50 | 491.01 | - |
| Fire, marine, and casualty insurance | 633 | 13.38 | 13.18 | 13.81 | 14.00 | - | 501.75 | 491.61 | 516.49 | 525.00 | - |
| Services | | 10.55 | 10.51 | 10.81 | 10.78 | 10.79 | 342.88 | 339.47 | 349.16 | 348.19 | 352.83 |
| Agricultural services | 07 | 8.31 | 8.25 | 8.54 | 8.48 | - | 283.37 | 284.63 | 276.70 | 288.32 | - |
| Veterinary services | 074 | 7.99 | 7.97 | 8.10 | 8.17 | - | 230.91 | 228.74 | 230.04 | 238.56 | - |
| Landscape and horticultural services | 078 | 8.49 | 8.40 | 8.83 | 8.64 | - | 309.04 | 311.64 | 303.75 | 311.90 | - |
| Hotels and other lodging places: | | | | | | | | | | | |
| Hotels and motels ⁴ | 701 | 7.38 | 7.33 | 7.52 | 7.56 | - | 226.57 | 221.37 | 227.86 | 231.34 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|---|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | May 1993 ^P |
| Services—Continued | | | | | | | | | | | |
| Personal services: | | | | | | | | | | | |
| Laundry, cleaning, and garment services | 721 | 33.9 | 34.1 | 33.2 | 34.0 | - | - | - | - | - | - |
| Beauty shops ⁴ | 723 | 28.7 | 29.1 | 28.1 | 28.9 | - | - | - | - | - | - |
| Miscellaneous personal services | 729 | 24.6 | 25.0 | 22.9 | 23.8 | - | - | - | - | - | - |
| Business services: | | | | | | | | | | | |
| Advertising | 73 | 33.0 | 32.9 | 33.0 | 32.9 | - | - | - | - | - | - |
| Photocopying and duplicating services | 731 | 36.6 | 36.5 | 36.6 | 36.8 | - | - | - | - | - | - |
| Services to buildings | 7334 | 37.4 | 37.5 | 37.6 | 37.1 | - | - | - | - | - | - |
| Miscellaneous equipment rental and leasing | 734 | 28.4 | 28.3 | 28.4 | 28.7 | - | - | - | - | - | - |
| Heavy construction equipment rental | 735 | 38.8 | 38.3 | 38.2 | 38.8 | - | - | - | - | - | - |
| Personnel supply services: | 7353 | 39.8 | 40.0 | 39.2 | 39.7 | - | - | - | - | - | - |
| Help supply services | 7363 | 31.1 | 30.8 | 31.6 | 31.1 | - | - | - | - | - | - |
| Computer and data processing services | 737 | 38.1 | 38.1 | 38.1 | 37.9 | - | - | - | - | - | - |
| Computer programming services | 7371 | 38.2 | 38.3 | 38.6 | 38.0 | - | - | - | - | - | - |
| Computer integrated systems design | 7373 | 38.9 | 38.8 | 38.1 | 37.9 | - | - | - | - | - | - |
| Information retrieval services | 7375 | 38.5 | 38.3 | 37.8 | 38.1 | - | - | - | - | - | - |
| Computer maintenance and repair | 7378 | 38.9 | 38.8 | 38.9 | 39.2 | - | - | - | - | - | - |
| Miscellaneous business services | 738 | 33.7 | 33.6 | 33.2 | 33.2 | - | - | - | - | - | - |
| Detective and armored car services | 7381 | 33.7 | 33.7 | 33.6 | 33.7 | - | - | - | - | - | - |
| Security systems services | 7382 | 37.3 | 37.5 | 36.7 | 36.6 | - | - | - | - | - | - |
| Auto repair, services, and parking: | | | | | | | | | | | |
| Automotive rentals, without drivers | 75 | 36.4 | 36.4 | 36.0 | 36.2 | - | - | - | - | - | - |
| Passenger car rental | 751 | 37.5 | 37.5 | 37.3 | 37.4 | - | - | - | - | - | - |
| Automobile parking | 7514 | 36.7 | 36.8 | 36.1 | 36.1 | - | - | - | - | - | - |
| Automotive repair shops | 752 | 33.2 | 33.6 | 33.1 | 33.0 | - | - | - | - | - | - |
| Automotive and tire repair shops | 753 | 38.2 | 38.1 | 37.9 | 38.3 | - | - | - | - | - | - |
| General automotive repair shops | 7532,4 | 37.3 | 37.2 | 37.0 | 37.2 | - | - | - | - | - | - |
| Automotive services, except repair | 7538 | 38.0 | 37.9 | 37.9 | 38.4 | - | - | - | - | - | - |
| Carwashes | 754 | 31.7 | 32.0 | 30.5 | 30.6 | - | - | - | - | - | - |
| Miscellaneous repair services | 7542 | 29.0 | 29.1 | 27.9 | 27.9 | - | - | - | - | - | - |
| Motion pictures: | | | | | | | | | | | |
| Motion picture production and services | 76 | 37.9 | 37.8 | 37.6 | 37.6 | - | - | - | - | - | - |
| Motion picture production and services | 78 | 27.9 | 27.1 | 28.2 | 28.1 | - | - | - | - | - | - |
| Motion picture production and services | 781 | 37.4 | 36.0 | 37.5 | 37.2 | - | - | - | - | - | - |
| Amusement and recreation services: | | | | | | | | | | | |
| Bowling centers | 79 | 27.0 | 26.4 | 26.1 | 26.6 | - | - | - | - | - | - |
| Misc. amusement and recreation services | 793 | 24.9 | 24.9 | 24.5 | 24.6 | - | - | - | - | - | - |
| Physical fitness facilities | 799 | 26.7 | 25.9 | 25.3 | 26.4 | - | - | - | - | - | - |
| Membership sports and recreation clubs | 7991 | 18.4 | 18.7 | 18.3 | 18.0 | - | - | - | - | - | - |
| Membership sports and recreation clubs | 7997 | 28.8 | 28.3 | 27.1 | 28.4 | - | - | - | - | - | - |
| Health services: | | | | | | | | | | | |
| Offices and clinics of medical doctors | 80 | 32.7 | 32.6 | 32.6 | 32.7 | - | - | - | - | - | - |
| Offices and clinics of dentists | 801 | 32.2 | 32.0 | 32.0 | 32.0 | - | - | - | - | - | - |
| Offices and clinics of other health practitioners | 802 | 28.3 | 28.4 | 28.3 | 28.4 | - | - | - | - | - | - |
| Nursing and personal care facilities | 804 | 29.8 | 29.5 | 29.2 | 29.5 | - | - | - | - | - | - |
| Intermediate care facilities | 805 | 32.3 | 32.0 | 31.8 | 32.0 | - | - | - | - | - | - |
| Hospitals | 8052 | 31.5 | 31.2 | 31.0 | 31.3 | - | - | - | - | - | - |
| Home health care services | 806 | 34.4 | 34.3 | 34.6 | 34.5 | - | - | - | - | - | - |
| Home health care services | 808 | 27.4 | 27.0 | 27.5 | 27.7 | - | - | - | - | - | - |
| Legal services: | | | | | | | | | | | |
| Legal services | 81 | 34.9 | 34.6 | 34.5 | 34.5 | - | - | - | - | - | - |
| Social services: | | | | | | | | | | | |
| Individual and family services | 83 | 31.4 | 31.2 | 30.9 | 31.0 | - | - | - | - | - | - |
| Job training and related services | 832 | 32.3 | 32.1 | 31.8 | 31.9 | - | - | - | - | - | - |
| Child day care services | 833 | 30.7 | 30.5 | 30.0 | 30.3 | - | - | - | - | - | - |
| Residential care | 835 | 29.7 | 29.4 | 29.4 | 29.4 | - | - | - | - | - | - |
| Social services, nec | 836 | 32.0 | 32.0 | 31.5 | 31.7 | - | - | - | - | - | - |
| Social services, nec | 839 | 31.9 | 32.0 | 31.8 | 31.8 | - | - | - | - | - | - |
| Membership organizations: | | | | | | | | | | | |
| Professional organizations | 862 | 35.1 | 34.8 | 34.5 | 34.8 | - | - | - | - | - | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|---|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Services—Continued | | | | | | | | | | | |
| Personal services: | | | | | | | | | | | |
| Laundry, cleaning, and garment services | 721 | \$7.15 | \$7.09 | \$7.28 | \$7.26 | - | \$242.39 | \$241.77 | \$241.70 | \$246.84 | - |
| Beauty shops ⁴ | 723 | 7.53 | 7.53 | 7.66 | 7.78 | - | 216.11 | 219.12 | 215.25 | 224.84 | - |
| Miscellaneous personal services | 729 | 7.26 | 6.71 | 7.30 | 7.25 | - | 178.60 | 167.75 | 167.17 | 172.55 | - |
| Business services | | | | | | | | | | | |
| Advertising | 731 | 14.76 | 14.72 | 14.74 | 14.76 | - | 540.22 | 537.28 | 539.48 | 543.17 | - |
| Photocopying and duplicating services | 7334 | 9.45 | 9.50 | 9.58 | 9.60 | - | 353.43 | 356.25 | 360.21 | 356.16 | - |
| Services to buildings | 734 | 7.33 | 7.29 | 7.33 | 7.37 | - | 208.17 | 206.31 | 208.17 | 211.52 | - |
| Miscellaneous equipment rental and leasing | 735 | 10.35 | 10.25 | 10.69 | 10.65 | - | 401.58 | 392.58 | 408.36 | 413.22 | - |
| Heavy construction equipment rental | 7353 | 13.37 | 13.18 | 13.96 | 14.04 | - | 532.13 | 527.20 | 547.23 | 557.39 | - |
| Personnel supply services: | | | | | | | | | | | |
| Help supply services | 7363 | 8.31 | 8.35 | 8.32 | 8.33 | - | 258.44 | 257.18 | 262.91 | 259.06 | - |
| Computer and data processing services | 737 | 15.79 | 15.68 | 16.11 | 16.26 | - | 601.60 | 597.41 | 613.79 | 616.25 | - |
| Computer programming services | 7371 | 18.43 | 18.40 | 18.52 | 18.92 | - | 704.03 | 704.72 | 714.87 | 718.96 | - |
| Computer integrated systems design | 7373 | 16.59 | 16.57 | 16.76 | 17.10 | - | 645.35 | 642.92 | 638.56 | 648.09 | - |
| Information retrieval services | 7375 | 13.06 | 12.90 | 14.55 | 14.57 | - | 502.81 | 494.07 | 549.99 | 555.12 | - |
| Computer maintenance and repair | 7378 | 13.72 | 13.98 | 13.56 | 13.57 | - | 533.71 | 542.42 | 527.48 | 531.94 | - |
| Miscellaneous business services | 738 | 8.53 | 8.50 | 8.59 | 8.64 | - | 287.46 | 285.60 | 285.19 | 286.85 | - |
| Detective and armored car services | 7381 | 6.69 | 6.65 | 6.76 | 6.78 | - | 225.45 | 224.11 | 227.14 | 228.49 | - |
| Security systems services | 7382 | 10.16 | 9.89 | 10.76 | 10.83 | - | 378.97 | 370.88 | 394.89 | 396.38 | - |
| Auto repair, services, and parking | | | | | | | | | | | |
| Automotive rentals, without drivers | 751 | 9.14 | 9.09 | 9.25 | 9.30 | - | 342.75 | 340.88 | 345.03 | 347.82 | - |
| Passenger car rental | 7514 | 8.11 | 8.08 | 8.24 | 8.29 | - | 297.64 | 297.34 | 297.46 | 299.27 | - |
| Automobile parking | 752 | 6.81 | 6.71 | 6.92 | 6.83 | - | 226.09 | 225.46 | 229.05 | 225.39 | - |
| Automotive repair shops | 753 | 10.05 | 10.04 | 10.18 | 10.21 | - | 383.91 | 382.52 | 385.82 | 391.04 | - |
| Automotive and tire repair shops | 7532,4 | 10.63 | 10.58 | 10.80 | 10.85 | - | 396.50 | 393.58 | 399.60 | 403.62 | - |
| General automotive repair shops | 7538 | 10.09 | 10.09 | 10.18 | 10.22 | - | 383.42 | 382.41 | 385.82 | 392.45 | - |
| Automotive services, except repair | 754 | 7.02 | 6.99 | 7.00 | 6.94 | - | 222.53 | 223.68 | 213.50 | 212.36 | - |
| Carwashes | 7542 | 6.07 | 6.06 | 6.04 | 6.03 | - | 176.03 | 176.35 | 168.52 | 168.24 | - |
| Miscellaneous repair services | 76 | 10.78 | 10.76 | 10.96 | 10.97 | - | 408.56 | 406.73 | 412.10 | 412.47 | - |
| Motion pictures | 78 | 12.16 | 11.67 | 13.18 | 12.72 | - | 339.26 | 316.26 | 371.68 | 357.43 | - |
| Motion picture production and services | 781 | 18.42 | 17.88 | 19.38 | 18.92 | - | 688.91 | 643.68 | 726.75 | 703.82 | - |
| Amusement and recreation services | | | | | | | | | | | |
| Bowling centers | 793 | 6.50 | 6.46 | 6.50 | 6.50 | - | 161.85 | 160.85 | 159.25 | 159.90 | - |
| Misc. amusement and recreation services | 799 | 7.53 | 7.76 | 8.12 | 7.91 | - | 201.05 | 200.98 | 205.44 | 208.82 | - |
| Physical fitness facilities | 7991 | 7.83 | 7.73 | 7.90 | 7.81 | - | 144.07 | 144.55 | 144.57 | 140.58 | - |
| Membership sports and recreation clubs | 7997 | 7.78 | 7.93 | 8.22 | 8.15 | - | 224.06 | 224.42 | 222.76 | 231.46 | - |
| Health services | | | | | | | | | | | |
| Offices and clinics of medical doctors | 801 | 11.42 | 11.28 | 11.74 | 11.78 | - | 367.72 | 360.96 | 375.68 | 376.96 | - |
| Offices and clinics of dentists | 802 | 11.02 | 10.97 | 11.23 | 11.32 | - | 311.87 | 311.55 | 317.81 | 321.49 | - |
| Offices and clinics of other health practitioners | 804 | 9.99 | 9.95 | 10.18 | 10.27 | - | 297.70 | 293.53 | 297.26 | 302.97 | - |
| Nursing and personal care facilities | 805 | 7.86 | 7.81 | 8.07 | 8.10 | - | 253.88 | 249.92 | 256.63 | 259.20 | - |
| Intermediate care facilities | 8052 | 7.26 | 7.18 | 7.48 | 7.53 | - | 228.69 | 224.02 | 231.88 | 235.69 | - |
| Hospitals | 806 | 13.03 | 12.90 | 13.38 | 13.38 | - | 448.23 | 442.47 | 462.95 | 461.61 | - |
| Home health care services | 808 | 10.01 | 9.98 | 10.35 | 10.37 | - | 274.27 | 269.46 | 284.63 | 287.25 | - |
| Legal services | 81 | 14.97 | 14.79 | 15.15 | 15.18 | - | 522.45 | 511.73 | 522.68 | 523.71 | - |
| Social services | | | | | | | | | | | |
| Individual and family services | 832 | 8.21 | 8.18 | 8.29 | 8.33 | - | 265.18 | 262.58 | 263.62 | 265.73 | - |
| Job training and related services | 833 | 7.38 | 7.33 | 7.64 | 7.62 | - | 226.57 | 223.57 | 229.20 | 230.89 | - |
| Child day care services | 835 | 6.51 | 6.50 | 6.60 | 6.60 | - | 193.35 | 191.10 | 194.04 | 194.04 | - |
| Residential care | 836 | 7.79 | 7.75 | 7.99 | 7.98 | - | 249.28 | 248.00 | 251.69 | 252.97 | - |
| Social services, nec | 839 | 8.61 | 8.54 | 8.86 | 8.88 | - | 274.66 | 273.28 | 281.75 | 282.38 | - |
| Membership organizations: | | | | | | | | | | | |
| Professional organizations | 862 | 14.25 | 13.96 | 14.51 | 14.71 | - | 500.18 | 485.81 | 500.60 | 511.91 | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average weekly hours | | | | | Average overtime hours | | | | |
|--|---------------------|----------------------|--------------|--------------|---------------------------|--------------------------|------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^a | May 1993 ^a |
| Services—Continued | | | | | | | | | | | |
| Engineering and management services | 87 | 37.3 | 37.7 | 37.3 | 37.3 | - | - | - | - | - | - |
| Engineering and architectural services | 871 | 39.0 | 38.8 | 38.7 | 38.7 | - | - | - | - | - | - |
| Engineering services | 8711 | 39.2 | 39.0 | 39.0 | 39.0 | - | - | - | - | - | - |
| Architectural services | 8712 | 38.2 | 38.0 | 37.8 | 37.7 | - | - | - | - | - | - |
| Surveying services | 8713 | 37.5 | 37.7 | 37.2 | 37.5 | - | - | - | - | - | - |
| Accounting, auditing, and bookkeeping | 872 | 37.6 | 39.8 | 38.8 | 38.8 | - | - | - | - | - | - |
| Research and testing services | 873 | 36.6 | 36.5 | 36.4 | 36.3 | - | - | - | - | - | - |
| Commercial physical research | 8731 | 39.6 | 39.4 | 39.3 | 39.0 | - | - | - | - | - | - |
| Commercial nonphysical research | 8732 | 29.2 | 29.1 | 29.3 | 29.0 | - | - | - | - | - | - |
| Noncommercial research organizations | 8733 | 36.3 | 36.0 | 35.9 | 35.9 | - | - | - | - | - | - |
| Management and public relations | 874 | 35.5 | 35.5 | 35.2 | 35.2 | - | - | - | - | - | - |
| Public relations services | 8743 | 34.9 | 34.6 | 32.9 | 32.6 | - | - | - | - | - | - |
| Services, nec | 89 | 37.5 | 37.1 | 36.9 | 37.1 | - | - | - | - | - | - |

See footnotes at end of table.

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

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

| Industry | 1987 SIC Code | Average hourly earnings | | | | | Average weekly earnings | | | | |
|--|---------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|
| | | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Services—Continued | | | | | | | | | | | |
| Engineering and management services | 87 | \$14.61 | \$14.45 | \$14.87 | \$14.88 | - | \$544.95 | \$544.77 | \$554.65 | \$555.02 | - |
| Engineering and architectural services | 871 | 16.04 | 15.98 | 16.29 | 16.20 | - | 625.56 | 620.02 | 630.42 | 626.94 | - |
| Engineering services | 8711 | 16.63 | 16.58 | 16.88 | 16.79 | - | 651.90 | 646.62 | 658.32 | 654.81 | - |
| Architectural services | 8712 | 14.83 | 14.71 | 14.95 | 14.95 | - | 566.51 | 558.98 | 565.11 | 563.62 | - |
| Surveying services | 8713 | 11.04 | 10.96 | 11.43 | 11.46 | - | 414.00 | 413.19 | 425.20 | 429.75 | - |
| Accounting, auditing, and bookkeeping | 872 | 12.90 | 12.72 | 12.88 | 12.98 | - | 485.04 | 506.26 | 499.74 | 503.62 | - |
| Research and testing services | 873 | 15.38 | 15.28 | 15.95 | 15.99 | - | 562.91 | 557.72 | 580.58 | 580.44 | - |
| Commercial physical research | 8731 | 17.35 | 17.18 | 17.90 | 18.10 | - | 687.06 | 676.89 | 703.47 | 705.90 | - |
| Commercial nonphysical research | 8732 | 11.65 | 11.62 | 12.50 | 12.38 | - | 340.18 | 338.14 | 366.25 | 359.02 | - |
| Noncommercial research organizations | 8733 | 16.96 | 16.82 | 17.59 | 17.54 | - | 615.65 | 605.52 | 631.48 | 629.69 | - |
| Management and public relations | 874 | 13.34 | 13.21 | 13.69 | 13.73 | - | 473.57 | 468.96 | 481.89 | 483.30 | - |
| Public relations services | 8743 | 13.57 | 13.27 | 13.91 | 13.89 | - | 473.59 | 459.14 | 457.64 | 452.81 | - |
| Services, nec | 89 | 15.72 | 15.64 | 15.84 | 15.60 | - | 589.50 | 580.24 | 584.50 | 578.76 | - |

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

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

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

⁴ Money payments only; tips, not included.

⁵ Excludes nonoffice commissioned real estate sales agents.

- Data not available.

^p = preliminary.

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and may differ slightly from data previously published. See the article in this issue for additional information.

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

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

Because of special circumstances in the aerospace

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

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

| Series | Aircraft (SIC 3721) | | | | Guided missiles and space vehicles (SIC 3761) | | | |
|--|---------------------|-----------|-----------|------------------------|---|-----------|-----------|------------------------|
| | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p |
| Average hourly earnings, excluding lump-sum payments | \$17.70 | \$17.36 | \$18.25 | \$18.19 | \$16.45 | \$16.32 | \$17.26 | \$17.22 |
| Average hourly earnings, including lump-sum payments | 18.18 | 17.73 | 19.00 | 18.95 | 16.54 | 16.43 | 17.29 | 17.28 |

^p = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

| Industry | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
|---|--------------|--------------|--------------|---------------------------|--------------------------|
| Manufacturing | \$10.95 | \$10.97 | \$11.14 | \$11.19 | \$11.18 |
| Durable goods | 11.51 | 11.49 | 11.67 | 11.72 | 11.72 |
| Lumber and wood products | 9.02 | 8.96 | 9.09 | 9.10 | (?) |
| Furniture and fixtures | 8.71 | 8.67 | 8.82 | 8.83 | (?) |
| Stone, clay, and glass products | 10.96 | 10.95 | 11.11 | 11.17 | (?) |
| Primary metal industries | 12.91 | 12.92 | 13.03 | 13.15 | (?) |
| Fabricated metal products | 10.93 | 10.98 | 11.06 | 11.13 | (?) |
| Industrial machinery and equipment | 11.85 | 11.79 | 11.97 | 12.03 | (?) |
| Electronic and other electrical equipment | 10.56 | 10.59 | 10.66 | 10.70 | (?) |
| Transportation equipment | 14.56 | 14.45 | 14.89 | 14.93 | (?) |
| Instruments and related products | 11.51 | 11.49 | 11.76 | 11.81 | (?) |
| Miscellaneous manufacturing | 8.84 | 8.87 | 8.99 | 9.04 | (?) |
| Nondurable goods | 10.25 | 10.29 | 10.44 | 10.51 | \$10.48 |
| Food and kindred products | 9.65 | 9.74 | 9.85 | 9.95 | (?) |
| Tobacco products | 16.54 | 17.26 | 16.85 | 17.23 | (?) |
| Textile mill products | 8.17 | 8.17 | 8.40 | 8.43 | (?) |
| Apparel and other textile products | 6.78 | 6.85 | 6.90 | 6.92 | (?) |
| Paper and allied products | 12.33 | 12.31 | 12.52 | 12.62 | (?) |
| Printing and publishing | 11.31 | 11.25 | 11.43 | 11.45 | (?) |
| Chemicals and allied products | 13.75 | 13.70 | 13.99 | 14.08 | (?) |
| Petroleum and coal products | 16.72 | 16.77 | 17.49 | 17.54 | (?) |
| Rubber and misc. plastics products | 9.89 | 9.89 | 10.01 | 10.11 | (?) |
| Leather and leather products | 7.22 | 7.33 | 7.32 | 7.36 | (?) |

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

² Not available.

^p = preliminary.

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and may differ slightly from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

| Industry | Average hourly earnings | | | | | Average weekly earnings | | | | |
|---|-------------------------|-----------|-----------|------------------------|-----------------------|-------------------------|-----------|-----------|------------------------|-----------------------|
| | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p | Avg. 1992 | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | May 1993 ^p |
| Total private: | | | | | | | | | | |
| Current dollars | \$10.58 | \$10.53 | \$10.79 | \$10.79 | \$10.82 | \$363.95 | \$359.07 | \$366.86 | \$369.02 | \$375.45 |
| Constant (1982) dollars | 7.42 | 7.43 | 7.41 | 7.39 | (²) | 255.22 | 253.40 | 251.96 | 252.58 | (²) |
| Mining: | | | | | | | | | | |
| Current dollars | 14.54 | 14.54 | 14.71 | 14.90 | \$14.70 | 638.31 | 632.49 | 631.06 | 646.66 | \$654.15 |
| Constant (1982) dollars | 10.20 | 10.26 | 10.10 | 10.20 | (²) | 447.62 | 446.36 | 433.42 | 442.61 | (²) |
| Construction: | | | | | | | | | | |
| Current dollars | 14.15 | 14.06 | 14.27 | 14.24 | \$14.31 | 537.70 | 537.09 | 533.70 | 538.27 | \$563.81 |
| Constant (1982) dollars | 9.92 | 9.92 | 9.80 | 9.75 | (²) | 377.07 | 379.03 | 366.55 | 368.43 | (²) |
| Manufacturing: | | | | | | | | | | |
| Current dollars | 11.46 | 11.42 | 11.64 | 11.71 | \$11.73 | 469.86 | 461.37 | 476.08 | 480.11 | \$485.62 |
| Constant (1982) dollars | 8.04 | 8.06 | 7.99 | 8.02 | (²) | 329.50 | 325.60 | 326.98 | 328.62 | (²) |
| Transportation and public utilities: | | | | | | | | | | |
| Current dollars | 13.46 | 13.40 | 13.63 | 13.60 | \$13.55 | 523.59 | 513.22 | 534.30 | 533.12 | \$539.29 |
| Constant (1982) dollars | 9.44 | 9.46 | 9.36 | 9.31 | (²) | 367.17 | 362.19 | 366.96 | 364.90 | (²) |
| Wholesale trade: | | | | | | | | | | |
| Current dollars | 11.39 | 11.33 | 11.59 | 11.70 | \$11.73 | 435.10 | 432.81 | 438.10 | 444.60 | \$451.61 |
| Constant (1982) dollars | 7.99 | 8.00 | 7.96 | 8.01 | (²) | 305.12 | 305.44 | 300.89 | 304.31 | (²) |
| Retail trade: | | | | | | | | | | |
| Current dollars | 7.13 | 7.10 | 7.28 | 7.27 | \$7.29 | 205.34 | 202.35 | 202.38 | 207.20 | \$211.41 |
| Constant (1982) dollars | 5.00 | 5.01 | 5.00 | 4.98 | (²) | 144.00 | 142.80 | 139.00 | 141.82 | (²) |
| Finance, insurance, and real estate: | | | | | | | | | | |
| Current dollars | 10.82 | 10.74 | 11.17 | 11.21 | \$11.34 | 387.36 | 383.42 | 396.54 | 400.20 | \$410.51 |
| Constant (1982) dollars | 7.59 | 7.58 | 7.67 | 7.67 | (²) | 271.64 | 270.59 | 272.35 | 273.92 | (²) |
| Services: | | | | | | | | | | |
| Current dollars | 10.55 | 10.51 | 10.81 | 10.78 | \$10.79 | 342.88 | 339.47 | 349.16 | 348.19 | \$352.83 |
| Constant (1982) dollars | 7.40 | 7.42 | 7.42 | 7.38 | (²) | 240.45 | 239.57 | 239.81 | 238.32 | (²) |

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

² Not available.

^p = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Data in this table have been revised to reflect March 1992 benchmarks and may differ slightly from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

| Industry | 1992 | | | | | | | | 1993 | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P | May ^P |
| Total private | 34.5 | 34.3 | 34.3 | 34.6 | 34.2 | 34.4 | 34.6 | 34.3 | 34.5 | 34.4 | 34.2 | 34.4 | 34.8 |
| Mining | 44.1 | 43.8 | 43.8 | 44.3 | 43.9 | 44.1 | 44.1 | 43.7 | 44.0 | 43.6 | 43.4 | 44.0 | 44.8 |
| Construction | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) |
| Manufacturing | 41.2 | 41.1 | 41.1 | 41.1 | 41.0 | 41.1 | 41.2 | 41.2 | 41.4 | 41.4 | 41.2 | 41.5 | 41.5 |
| <i>Overtime hours</i> | 4.0 | 3.8 | 3.8 | 3.8 | 3.6 | 3.8 | 3.9 | 3.9 | 4.0 | 4.2 | 4.0 | 4.2 | 4.2 |
| Durable goods | 41.8 | 41.6 | 41.6 | 41.6 | 41.4 | 41.6 | 41.8 | 41.8 | 42.0 | 42.1 | 42.0 | 42.2 | 42.2 |
| <i>Overtime hours</i> | 4.0 | 3.8 | 3.8 | 3.8 | 3.5 | 3.8 | 3.9 | 3.9 | 4.0 | 4.3 | 4.2 | 4.4 | 4.3 |
| Lumber and wood products | 40.8 | 40.4 | 40.8 | 40.6 | 40.5 | 40.7 | 40.8 | 40.5 | 40.6 | 40.8 | 40.6 | 40.5 | 40.9 |
| Furniture and fixtures | 40.0 | 39.9 | 39.9 | 39.6 | 39.6 | 39.9 | 40.1 | 40.0 | 40.2 | 40.3 | 40.1 | 40.0 | 39.9 |
| Stone, clay, and glass products | 42.4 | 42.2 | 42.4 | 42.3 | 42.4 | 42.3 | 42.4 | 42.2 | 42.5 | 42.5 | 42.2 | 42.4 | 42.9 |
| Primary metal industries | 43.3 | 43.1 | 43.1 | 43.1 | 42.9 | 42.9 | 43.1 | 43.3 | 43.6 | 43.8 | 43.9 | 44.2 | 43.6 |
| Blast furnaces and basic steel products .. | 43.9 | 43.7 | 43.6 | 43.6 | 43.1 | 43.1 | 43.4 | 43.7 | 44.0 | 44.4 | 44.4 | 44.6 | 44.0 |
| Fabricated metal products | 41.8 | 41.6 | 41.9 | 41.6 | 41.3 | 41.7 | 41.8 | 41.8 | 42.0 | 42.1 | 41.9 | 42.1 | 41.9 |
| Industrial machinery and equipment | 42.4 | 42.2 | 42.2 | 42.3 | 42.1 | 42.4 | 42.7 | 42.6 | 42.7 | 42.9 | 42.8 | 43.2 | 43.0 |
| Electronic and other electrical equipment .. | 41.5 | 41.2 | 41.3 | 41.3 | 41.1 | 41.4 | 41.5 | 41.4 | 41.7 | 41.7 | 41.6 | 41.8 | 42.1 |
| Transportation equipment | 42.1 | 41.9 | 41.6 | 42.2 | 41.5 | 41.7 | 41.9 | 42.4 | 42.5 | 42.8 | 42.7 | 42.9 | 43.1 |
| Motor vehicles and equipment | 42.9 | 42.6 | 42.4 | 43.0 | 41.8 | 42.0 | 42.4 | 43.4 | 43.7 | 44.2 | 44.3 | 45.2 | 44.4 |
| Instruments and related products | 41.3 | 41.2 | 41.2 | 41.2 | 41.2 | 41.3 | 41.2 | 41.1 | 41.2 | 41.0 | 41.1 | 41.3 | 41.3 |
| Miscellaneous manufacturing | 40.0 | 40.0 | 40.0 | 39.9 | 39.8 | 40.0 | 39.9 | 39.8 | 39.9 | 39.9 | 39.9 | 40.3 | 39.9 |
| Nondurable goods | 40.5 | 40.4 | 40.4 | 40.4 | 40.6 | 40.4 | 40.6 | 40.5 | 40.6 | 40.7 | 40.3 | 40.6 | 40.6 |
| <i>Overtime hours</i> | 4.1 | 3.9 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.9 | 4.1 | 3.8 | 4.0 | 4.1 |
| Food and kindred products | 40.5 | 40.4 | 40.4 | 40.5 | 40.7 | 40.8 | 40.8 | 40.6 | 40.6 | 40.7 | 40.4 | 40.7 | 40.4 |
| Tobacco products | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) |
| Textile mill products | 41.4 | 41.3 | 41.2 | 41.0 | 41.8 | 40.8 | 41.2 | 41.4 | 41.6 | 41.8 | 40.2 | 41.9 | 41.7 |
| Apparel and other textile products | 37.3 | 37.3 | 37.3 | 37.2 | 37.4 | 37.4 | 37.6 | 37.4 | 37.6 | 37.5 | 37.2 | 37.1 | 37.4 |
| Paper and allied products | 43.8 | 43.8 | 43.5 | 43.5 | 44.0 | 43.5 | 43.5 | 43.5 | 43.5 | 43.8 | 43.5 | 43.7 | 43.8 |
| Printing and publishing | 38.1 | 38.0 | 38.1 | 38.1 | 38.1 | 38.2 | 38.1 | 38.1 | 38.2 | 38.1 | 38.1 | 38.4 | 38.3 |
| Chemicals and allied products | 43.3 | 43.2 | 43.1 | 43.1 | 42.9 | 42.8 | 42.9 | 42.8 | 43.0 | 42.9 | 42.8 | 42.8 | 43.2 |
| Petroleum and coal products | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) |
| Rubber and misc. plastics products | 41.9 | 41.8 | 41.7 | 41.7 | 41.6 | 41.6 | 41.8 | 41.9 | 42.0 | 42.1 | 41.8 | 41.8 | 41.9 |
| Leather and leather products | 38.1 | 38.0 | 38.3 | 38.1 | 38.0 | 38.5 | 38.9 | 38.7 | 39.3 | 39.4 | 39.0 | 38.9 | 38.8 |
| Transportation and public utilities | 38.7 | 38.6 | 38.9 | 39.3 | 38.9 | 39.0 | 39.5 | 39.1 | 39.6 | 39.4 | 39.6 | 39.4 | 39.8 |
| Wholesale trade | 38.3 | 38.1 | 38.1 | 38.4 | 38.0 | 38.1 | 38.3 | 38.0 | 38.1 | 38.1 | 38.0 | 38.0 | 38.5 |
| Retail trade | 28.8 | 28.7 | 28.5 | 28.8 | 28.9 | 28.8 | 28.9 | 28.8 | 28.8 | 28.7 | 28.2 | 28.8 | 29.1 |
| Finance, insurance, and real estate | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) | (²) |
| Services | 32.5 | 32.4 | 32.4 | 32.7 | 32.1 | 32.5 | 32.6 | 32.3 | 32.5 | 32.4 | 32.4 | 32.4 | 32.8 |

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

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

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

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and updated seasonal adjustment factors and may differ slightly from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

(1982 = 100)

| Industry | 1992 | | | | | | | | 1993 | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|------------------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P | May ^P |
| Total private | 121.3 | 120.8 | 120.8 | 121.8 | 120.8 | 121.6 | 122.3 | 121.7 | 122.5 | 122.7 | 122.2 | 123.0 | 124.7 |
| Goods-producing | 102.7 | 102.0 | 102.0 | 101.6 | 101.1 | 101.2 | 101.4 | 101.4 | 101.7 | 102.5 | 101.9 | 102.1 | 103.0 |
| Mining | 56.5 | 55.6 | 55.3 | 55.6 | 54.7 | 55.1 | 54.8 | 54.1 | 54.2 | 52.7 | 52.5 | 53.1 | 53.7 |
| Construction | 120.1 | 118.5 | 118.5 | 118.2 | 117.6 | 118.0 | 117.2 | 116.9 | 116.4 | 119.2 | 118.8 | 119.3 | 125.3 |
| Manufacturing | 102.2 | 101.6 | 101.7 | 101.2 | 100.8 | 100.8 | 101.2 | 101.2 | 101.8 | 102.3 | 101.6 | 101.8 | 101.6 |
| Durable goods | 99.5 | 98.7 | 98.7 | 98.3 | 97.6 | 97.9 | 98.4 | 98.5 | 99.2 | 99.7 | 99.3 | 99.2 | 98.8 |
| Lumber and wood products | 119.5 | 117.7 | 118.6 | 118.1 | 118.0 | 119.4 | 120.8 | 120.3 | 120.6 | 122.7 | 122.1 | 119.9 | 120.2 |
| Furniture and fixtures | 118.5 | 118.5 | 119.2 | 117.0 | 116.4 | 117.6 | 118.2 | 118.2 | 119.1 | 120.0 | 119.4 | 118.8 | 118.5 |
| Stone, clay, and glass products | 101.8 | 101.3 | 101.5 | 101.0 | 101.2 | 100.7 | 101.0 | 100.8 | 101.2 | 102.3 | 101.3 | 100.7 | 101.9 |
| Primary metal industries | 86.3 | 85.8 | 85.8 | 85.4 | 84.9 | 84.6 | 85.0 | 85.2 | 85.9 | 86.3 | 86.5 | 86.5 | 85.3 |
| Blast furnaces and basic steel products | 74.9 | 74.5 | 73.6 | 74.1 | 72.6 | 72.0 | 71.6 | 72.2 | 72.3 | 73.3 | 73.3 | 73.3 | 71.9 |
| Fabricated metal products | 101.2 | 100.4 | 100.9 | 100.1 | 99.1 | 99.6 | 100.1 | 99.9 | 101.1 | 101.6 | 101.3 | 101.3 | 100.4 |
| Industrial machinery and equipment | 90.2 | 89.6 | 89.3 | 89.5 | 89.2 | 89.6 | 90.4 | 90.2 | 90.5 | 90.9 | 90.5 | 91.5 | 91.1 |
| Electronic and other electrical equipment | 99.9 | 99.0 | 99.0 | 98.6 | 98.1 | 98.8 | 99.2 | 99.2 | 99.6 | 100.2 | 100.3 | 100.5 | 100.9 |
| Transportation equipment | 111.9 | 111.0 | 110.0 | 110.8 | 108.0 | 107.8 | 109.0 | 110.5 | 112.1 | 112.1 | 111.2 | 110.0 | 109.0 |
| Motor vehicles and equipment | 128.3 | 126.7 | 126.3 | 126.8 | 121.1 | 121.9 | 127.2 | 132.2 | 142.9 | 139.0 | 136.6 | 136.6 | 131.8 |
| Instruments and related products | 80.9 | 80.3 | 80.1 | 79.4 | 79.1 | 78.9 | 78.4 | 77.8 | 77.9 | 77.3 | 77.1 | 77.5 | 76.6 |
| Miscellaneous manufacturing | 99.4 | 99.0 | 99.4 | 97.3 | 97.4 | 97.5 | 97.3 | 97.0 | 96.9 | 97.6 | 98.0 | 99.0 | 97.6 |
| Nondurable goods | 105.8 | 105.5 | 105.7 | 105.0 | 105.2 | 104.8 | 105.0 | 105.0 | 105.5 | 105.8 | 104.8 | 105.3 | 105.4 |
| Food and kindred products | 110.4 | 110.0 | 110.9 | 110.1 | 109.9 | 110.4 | 110.6 | 110.2 | 110.7 | 111.2 | 110.3 | 110.3 | 109.5 |
| Tobacco products | 70.2 | 71.1 | 70.9 | 71.1 | 69.6 | 68.4 | 65.9 | 69.3 | 68.6 | 68.1 | 65.4 | 65.8 | 68.6 |
| Textile mill products | 99.1 | 98.8 | 98.8 | 97.6 | 99.7 | 96.5 | 97.7 | 98.4 | 98.7 | 99.2 | 94.8 | 99.4 | 99.1 |
| Apparel and other textile products | 92.8 | 92.5 | 93.2 | 91.6 | 91.7 | 91.4 | 91.8 | 91.3 | 91.9 | 91.6 | 91.1 | 90.2 | 90.9 |
| Paper and allied products | 110.8 | 110.6 | 109.9 | 109.9 | 111.5 | 109.6 | 109.6 | 109.4 | 109.4 | 110.4 | 109.6 | 109.5 | 109.5 |
| Printing and publishing | 122.4 | 121.9 | 122.4 | 122.1 | 122.1 | 122.2 | 121.9 | 122.1 | 122.2 | 122.2 | 122.4 | 123.2 | 123.0 |
| Chemicals and allied products | 100.7 | 100.3 | 99.5 | 99.5 | 98.7 | 98.5 | 98.5 | 98.3 | 98.9 | 98.7 | 98.8 | 98.6 | 100.3 |
| Petroleum and coal products | 88.4 | 85.6 | 86.0 | 86.8 | 86.0 | 86.7 | 86.7 | 85.5 | 87.1 | 87.4 | 85.4 | 87.9 | 87.5 |
| Rubber and misc. plastics products | 127.7 | 127.8 | 128.1 | 127.1 | 126.4 | 126.6 | 127.6 | 128.3 | 129.4 | 130.4 | 129.9 | 129.9 | 130.2 |
| Leather and leather products | 56.8 | 56.0 | 57.7 | 56.2 | 56.0 | 56.8 | 56.8 | 56.5 | 56.8 | 56.9 | 56.3 | 55.6 | 55.4 |
| Service-producing | 129.6 | 129.3 | 129.3 | 130.8 | 129.6 | 130.7 | 131.6 | 130.8 | 131.8 | 131.8 | 131.3 | 132.4 | 134.5 |
| Transportation and public utilities | 112.9 | 112.7 | 113.4 | 114.4 | 113.5 | 113.7 | 115.2 | 114.3 | 116.1 | 115.7 | 116.1 | 115.5 | 116.9 |
| Wholesale trade | 113.9 | 113.3 | 113.2 | 114.2 | 113.1 | 113.7 | 114.6 | 113.7 | 114.5 | 114.8 | 114.7 | 114.7 | 116.3 |
| Retail trade | 120.8 | 120.3 | 119.6 | 120.8 | 121.4 | 121.1 | 121.6 | 121.5 | 122.0 | 122.3 | 119.9 | 122.6 | 124.1 |
| Finance, insurance, and real estate | 117.4 | 117.0 | 115.6 | 118.9 | 116.5 | 117.6 | 119.5 | 116.7 | 117.9 | 117.2 | 116.9 | 117.2 | 120.0 |
| Services | 149.0 | 148.9 | 149.5 | 151.2 | 148.9 | 151.4 | 152.1 | 151.3 | 152.5 | 152.5 | 152.9 | 153.8 | 156.5 |

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

^P = preliminary.

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and updated seasonal adjustment factors and may differ slightly from data previously published. See the article in this issue for additional information.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

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

| Industry | 1992 | | | | | | | | 1993 | | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|------------------|
| | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^p | May ^p |
| Average hourly earnings | | | | | | | | | | | | | |
| Total private (in current dollars) | \$10.54 | \$10.56 | \$10.57 | \$10.63 | \$10.62 | \$10.65 | \$10.69 | \$10.68 | \$10.73 | \$10.74 | \$10.78 | \$10.77 | \$10.83 |
| Mining | 14.52 | 14.53 | 14.53 | 14.57 | 14.57 | 14.61 | 14.65 | 14.57 | 14.58 | 14.55 | 14.64 | 14.86 | 14.74 |
| Construction | 14.13 | 14.22 | 14.15 | 14.21 | 14.11 | 14.19 | 14.23 | 14.21 | 14.19 | 14.22 | 14.28 | 14.27 | 14.34 |
| Manufacturing | 11.44 | 11.45 | 11.46 | 11.50 | 11.51 | 11.52 | 11.55 | 11.58 | 11.61 | 11.64 | 11.66 | 11.71 | 11.72 |
| Excluding overtime ² | 10.92 | 10.94 | 10.95 | 11.00 | 11.03 | 11.01 | 11.03 | 11.06 | 11.08 | 11.10 | 11.13 | 11.13 | 11.15 |
| Transportation and public utilities | 13.42 | 13.44 | 13.43 | 13.50 | 13.53 | 13.56 | 13.62 | 13.55 | 13.57 | 13.58 | 13.64 | 13.60 | 13.60 |
| Wholesale trade | 11.35 | 11.36 | 11.38 | 11.49 | 11.42 | 11.48 | 11.52 | 11.46 | 11.57 | 11.57 | 11.59 | 11.67 | 11.74 |
| Retail trade | 7.10 | 7.11 | 7.13 | 7.15 | 7.18 | 7.18 | 7.19 | 7.21 | 7.23 | 7.25 | 7.27 | 7.25 | 7.30 |
| Finance, insurance, and real estate | 10.75 | 10.75 | 10.77 | 10.95 | 10.85 | 10.93 | 11.06 | 10.99 | 11.09 | 11.09 | 11.11 | 11.15 | 11.34 |
| Services | 10.50 | 10.53 | 10.54 | 10.61 | 10.61 | 10.65 | 10.69 | 10.67 | 10.75 | 10.75 | 10.76 | 10.74 | 10.81 |
| Total private (in constant dollars) ³ | 7.42 | 7.42 | 7.40 | 7.43 | 7.41 | 7.40 | 7.41 | 7.40 | 7.40 | 7.38 | 7.39 | 7.36 | (*) |
| Average weekly earnings | | | | | | | | | | | | | |
| Total private: | | | | | | | | | | | | | |
| In current dollars | 363.63 | 362.21 | 362.55 | 367.80 | 363.20 | 366.36 | 369.87 | 366.32 | 370.19 | 369.46 | 368.68 | 370.49 | 376.88 |
| In constant (1982) dollars ³ | 255.90 | 254.36 | 253.89 | 257.02 | 253.45 | 254.59 | 256.50 | 253.68 | 255.30 | 253.92 | 252.87 | 253.24 | (*) |

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

² Derived by assuming that overtime hours are paid at the rate of time and one-half.

³ The Consumer Price Index for Urban Wage Earners and Clerical

Workers (CPI-W) is used to deflate these series.

⁴ Not available.

^p = preliminary.

NOTE: Data in this table have been revised to reflect March 1992 benchmarks and updated seasonal adjustment factors and may differ slightly from data previously published. See the article in this issue for additional information.

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

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

| State and area | Average weekly hours | | | Average hourly earnings | | | Average weekly earnings | | |
|--|----------------------|-----------|------------------------|-------------------------|-----------|------------------------|-------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Alabama | 40.7 | 38.5 | 40.8 | \$9.99 | \$10.18 | \$10.39 | \$406.59 | \$391.93 | \$423.91 |
| Birmingham | 39.7 | 38.7 | 41.4 | 10.49 | 10.76 | 10.96 | 418.45 | 416.41 | 453.74 |
| Mobile | 42.3 | 42.1 | 42.8 | 12.07 | 12.47 | 12.82 | 510.56 | 524.99 | 548.70 |
| Alaska | 40.2 | 54.5 | 39.1 | 10.94 | 9.70 | 11.23 | 439.79 | 528.85 | 439.09 |
| Arizona | 40.6 | 40.7 | 40.6 | 11.00 | 11.01 | 11.16 | 446.60 | 448.11 | 453.10 |
| Arkansas | 40.5 | 41.4 | 41.0 | 8.97 | 9.19 | 9.22 | 363.29 | 380.47 | 378.02 |
| Fayetteville-Springdale | 39.5 | 42.4 | 40.6 | 8.21 | 8.52 | 8.32 | 324.30 | 361.25 | 337.79 |
| Fort Smith | 39.5 | 40.5 | 41.0 | 9.17 | 9.47 | 9.44 | 362.22 | 383.54 | 387.04 |
| Little Rock-North Little Rock | 40.9 | 41.5 | 41.0 | 9.54 | 9.68 | 9.67 | 390.19 | 401.72 | 396.47 |
| Pine Bluff | 41.8 | 41.7 | 43.1 | 10.48 | 10.55 | 10.91 | 438.06 | 439.94 | 470.22 |
| California | 39.9 | 40.7 | 40.3 | 12.14 | 12.21 | 12.24 | 484.39 | 496.95 | 493.27 |
| Anaheim-Santa Ana | 40.4 | 40.5 | 40.2 | 12.15 | 12.25 | 12.24 | 490.86 | 496.13 | 492.05 |
| Bakersfield | 39.9 | 39.5 | 39.3 | 12.78 | 12.94 | 13.01 | 509.92 | 511.13 | 511.29 |
| Fresno | 40.2 | 39.4 | 39.9 | 10.39 | 10.16 | 10.24 | 417.68 | 400.30 | 408.58 |
| Los Angeles-Long Beach | 40.8 | 41.4 | 41.0 | 11.38 | 11.33 | 11.35 | 463.49 | 469.06 | 465.35 |
| Modesto | 39.2 | 38.5 | 39.4 | 11.73 | 11.88 | 12.02 | 459.82 | 457.38 | 473.59 |
| Oakland | 40.4 | 40.2 | 40.1 | 14.17 | 14.42 | 14.46 | 572.47 | 579.68 | 579.85 |
| Oxnard-Ventura | 40.0 | 41.1 | 40.7 | 11.67 | 11.42 | 11.41 | 466.80 | 469.36 | 464.39 |
| Riverside-San Bernardino | 40.0 | 40.6 | 40.1 | 11.29 | 11.42 | 11.54 | 451.60 | 463.65 | 462.75 |
| Sacramento | 38.6 | 39.3 | 39.7 | 12.80 | 12.82 | 12.91 | 494.08 | 503.83 | 512.53 |
| Salinas-Seaside-Monterey | 41.6 | 39.1 | 40.5 | 11.97 | 12.64 | 12.49 | 497.95 | 494.22 | 505.85 |
| San Diego | 39.0 | 40.2 | 39.6 | 12.26 | 12.58 | 12.66 | 478.14 | 505.72 | 501.34 |
| San Francisco | 39.5 | 40.8 | 39.8 | 13.06 | 13.40 | 13.53 | 515.87 | 546.72 | 538.49 |
| San Jose | 40.8 | 42.1 | 42.0 | 14.78 | 15.05 | 15.00 | 603.02 | 633.61 | 630.00 |
| Santa Barbara-Santa Maria-Lompoc | 39.5 | 41.2 | 40.1 | 12.71 | 12.93 | 13.12 | 502.05 | 532.72 | 526.11 |
| Santa Rosa-Petaluma | 37.8 | 39.6 | 39.5 | 12.10 | 13.27 | 13.25 | 454.96 | 525.49 | 523.38 |
| Stockton | 39.7 | 40.8 | 41.9 | 11.65 | 12.08 | 12.17 | 462.51 | 492.86 | 509.92 |
| Vallejo-Fairfield-Napa | 38.0 | 39.2 | 37.6 | 13.90 | 14.16 | 14.30 | 528.20 | 555.07 | 537.68 |
| Colorado | 40.0 | 40.8 | 40.1 | 11.28 | 11.72 | 11.93 | 451.20 | 478.18 | 478.39 |
| Denver | 40.5 | 41.5 | 40.4 | 12.40 | 12.80 | 12.97 | 502.20 | 531.20 | 523.99 |
| Connecticut | 41.3 | 41.3 | 41.2 | 12.39 | 12.76 | 12.92 | 511.71 | 526.99 | 532.30 |
| Bridgeport-Milford | 41.5 | 40.7 | 41.2 | 13.13 | 13.26 | 13.38 | 544.90 | 539.68 | 550.43 |
| Hartford | 41.0 | 40.9 | 40.5 | 13.25 | 13.96 | 13.95 | 543.25 | 570.96 | 564.98 |
| New Britain | 41.7 | 42.2 | 42.1 | 12.94 | 12.92 | 13.10 | 539.60 | 545.22 | 551.51 |
| New Haven-Meriden | 41.0 | 41.8 | 42.4 | 12.12 | 12.66 | 12.73 | 496.92 | 526.66 | 539.75 |
| Stamford | 42.1 | 40.8 | 42.7 | 11.81 | 10.77 | 10.89 | 497.20 | 439.42 | 456.46 |
| Waterbury | 41.2 | 42.7 | 42.7 | 11.28 | 11.45 | 11.65 | 464.74 | 488.92 | 497.46 |
| Delaware | 40.4 | 40.1 | 40.3 | 12.48 | 12.67 | 13.06 | 504.19 | 508.07 | 526.32 |
| Wilmington | 41.3 | 40.1 | 40.8 | 14.80 | 15.01 | 15.41 | 611.24 | 601.90 | 628.73 |
| District of Columbia: | | | | | | | | | |
| Washington MSA | 38.7 | 38.8 | 36.8 | 13.72 | 14.28 | 14.49 | 530.96 | 554.06 | 562.21 |
| Florida | 40.3 | 40.9 | 40.6 | 9.54 | 9.71 | 9.73 | 384.46 | 397.14 | 395.04 |
| Georgia | 40.6 | 39.8 | 41.2 | 9.79 | 9.99 | 10.06 | 397.47 | 397.80 | 414.47 |
| Atlanta | 39.8 | 39.4 | 41.1 | 11.16 | 11.28 | 11.40 | 444.17 | 444.43 | 468.54 |
| Savannah | 47.3 | 45.1 | 44.9 | 12.73 | 13.54 | 13.22 | 602.13 | 810.65 | 593.58 |
| Hawaii | 39.0 | 39.4 | 39.9 | 11.62 | 11.92 | 12.14 | 453.18 | 469.65 | 472.25 |
| Honolulu | 38.8 | 39.5 | 38.8 | 12.30 | 12.41 | 12.53 | 477.24 | 490.20 | 486.16 |
| Idaho | 39.3 | 39.0 | 39.1 | 11.39 | 11.82 | 11.85 | 447.63 | 460.98 | 463.34 |
| Illinois | 40.5 | 41.5 | 40.9 | 11.76 | 12.04 | 12.07 | 478.28 | 499.66 | 493.66 |
| Aurora-Elgin | 40.7 | 42.1 | 42.0 | 11.19 | 11.79 | 11.92 | 455.43 | 496.36 | 500.64 |
| Bloomington-Normal | 39.3 | 42.3 | 41.6 | 14.35 | 15.71 | 15.75 | 563.96 | 664.53 | 655.20 |
| Champaign-Urbana-Rantoul | 40.7 | 40.6 | 40.9 | 10.32 | 10.53 | 10.67 | 420.02 | 427.52 | 436.40 |
| Chicago | 40.6 | 41.0 | 41.0 | 11.60 | 11.79 | 11.81 | 470.96 | 483.39 | 484.21 |
| Davenport-Rock Island-Moline | 40.5 | 41.3 | 42.1 | 14.01 | 13.98 | 14.04 | 567.41 | 577.37 | 591.08 |
| Decatur | 40.9 | 43.1 | 42.2 | 14.47 | 14.95 | 14.92 | 591.82 | 644.35 | 629.62 |
| Joliet | 40.1 | 41.0 | 41.1 | 13.83 | 13.82 | 13.84 | 554.58 | 566.62 | 568.82 |
| Kankakee | 40.6 | 41.3 | 40.4 | 11.88 | 12.44 | 12.41 | 482.33 | 513.77 | 501.36 |
| Lake County | 39.8 | 40.3 | 39.7 | 11.55 | 11.88 | 11.96 | 459.69 | 478.76 | 474.81 |
| Peoria | 40.8 | 42.6 | 42.6 | 14.07 | 15.00 | 15.22 | 574.06 | 639.00 | 648.37 |
| Rockford | 39.3 | 42.0 | 41.1 | 12.52 | 13.11 | 13.27 | 492.04 | 550.62 | 545.40 |
| Springfield | 38.4 | 39.2 | 39.6 | 11.38 | 11.37 | 11.33 | 436.99 | 445.70 | 448.67 |

See footnotes at end of table.

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

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

| State and area | Average weekly hours | | | Average hourly earnings | | | Average weekly earnings | | |
|--------------------------------|----------------------|-----------|------------------------|-------------------------|-----------|------------------------|-------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p |
| Indiana | 41.6 | 42.8 | 42.1 | \$12.80 | \$12.88 | \$13.07 | \$532.48 | \$551.26 | \$550.25 |
| Anderson | 41.4 | 40.2 | 38.5 | 17.08 | 18.62 | 19.46 | 707.11 | 748.52 | 749.21 |
| Bloomington | 40.4 | 41.3 | 40.1 | 12.19 | 12.09 | 11.61 | 492.48 | 499.32 | 465.56 |
| Elkhart-Goshen | 39.9 | 39.3 | 39.4 | 10.27 | 10.60 | 10.82 | 409.77 | 416.58 | 426.31 |
| Evansville | 41.5 | 42.9 | 42.9 | 12.77 | 12.75 | 12.60 | 529.96 | 546.98 | 540.54 |
| Fort Wayne | 40.9 | 41.1 | 40.5 | 13.45 | 13.63 | 13.79 | 550.11 | 560.19 | 558.50 |
| Gary-Hammond | 43.0 | 43.6 | 41.3 | 17.15 | 17.30 | 16.96 | 737.45 | 754.28 | 700.45 |
| Indianapolis | 42.0 | 44.1 | 42.6 | 13.46 | 13.33 | 13.54 | 565.32 | 587.85 | 576.80 |
| Kokomo | 40.1 | 39.8 | 42.6 | 17.32 | 17.16 | 17.26 | 694.53 | 682.97 | 735.28 |
| Lafayette-West Lafayette | 43.2 | 41.3 | 40.5 | 13.37 | 13.40 | 13.27 | 577.58 | 553.42 | 537.44 |
| Muncie | 44.6 | 44.2 | 42.9 | 13.39 | 14.42 | 14.79 | 597.19 | 637.36 | 634.49 |
| South Bend-Mishawaka | 42.1 | 43.5 | 43.1 | 11.75 | 11.62 | 11.43 | 494.68 | 505.47 | 492.63 |
| Terre Haute | 41.6 | 44.0 | 42.8 | 11.84 | 12.68 | 13.43 | 492.54 | 557.92 | 574.80 |
| Iowa | 40.1 | 41.3 | 41.1 | 11.79 | 12.09 | 12.18 | 472.78 | 499.32 | 500.60 |
| Cedar Rapids | 38.6 | 41.7 | 41.8 | 14.48 | 14.71 | 14.86 | 558.93 | 613.41 | 621.15 |
| Des Moines | 40.9 | 41.7 | 39.0 | 12.83 | 12.55 | 12.81 | 524.75 | 523.34 | 499.59 |
| Dubuque | 37.8 | 40.8 | 41.8 | 11.79 | 12.42 | 12.61 | 445.66 | 506.74 | 527.10 |
| Sioux City | 39.0 | 39.6 | 40.4 | 9.72 | 9.79 | 9.88 | 379.08 | 387.68 | 399.15 |
| Kansas | 40.6 | 41.6 | 41.0 | 11.45 | 11.97 | 11.98 | 464.87 | 497.95 | 491.18 |
| Topeka | 41.1 | 43.3 | 43.4 | 13.52 | 13.96 | 13.79 | 555.67 | 604.47 | 598.49 |
| Wichita | 40.8 | 41.7 | 41.4 | 13.28 | 13.85 | 13.81 | 541.82 | 577.55 | 571.73 |
| Kentucky | 39.6 | 40.3 | 40.0 | 11.31 | 11.43 | 11.45 | 447.88 | 460.63 | 458.00 |
| Lexington-Fayette | 40.4 | 41.0 | 41.0 | 11.92 | 12.07 | 12.12 | 481.57 | 494.87 | 496.92 |
| Louisville | 40.8 | 41.5 | 41.0 | 12.81 | 13.13 | 13.18 | 522.65 | 544.90 | 540.38 |
| Louisiana | 42.2 | 42.0 | 42.5 | 12.07 | 12.57 | 12.65 | 509.35 | 527.94 | 537.63 |
| Baton Rouge | 45.1 | 43.4 | 43.0 | 14.10 | 14.41 | 14.42 | 635.91 | 625.39 | 620.06 |
| New Orleans | 39.9 | 41.3 | 42.3 | 11.58 | 12.47 | 13.01 | 462.04 | 515.01 | 550.32 |
| Shreveport | 40.6 | 40.2 | 42.9 | 13.09 | 13.51 | 13.69 | 531.45 | 543.10 | 587.30 |
| Maine | 39.7 | 40.1 | 40.4 | 11.47 | 11.62 | 11.66 | 455.36 | 465.96 | 471.06 |
| Lewiston-Auburn | 39.1 | 39.1 | 40.2 | 9.82 | 9.86 | 9.82 | 383.96 | 385.53 | 394.76 |
| Portland | 38.2 | 38.0 | 38.5 | 10.40 | 10.93 | 10.66 | 397.28 | 415.34 | 410.41 |
| Maryland | 40.5 | 40.3 | 40.9 | 12.49 | 12.74 | 12.82 | 505.85 | 513.42 | 524.34 |
| Baltimore MSA | 41.2 | 40.7 | 41.2 | 13.10 | 13.36 | 13.42 | 539.72 | 543.75 | 552.90 |
| Massachusetts | 40.9 | 41.2 | 41.2 | 12.11 | 12.29 | 12.29 | 495.30 | 506.35 | 506.35 |
| Boston | 40.6 | 40.6 | 40.6 | 12.96 | 13.22 | 13.16 | 526.18 | 536.73 | 534.30 |
| Springfield | 40.3 | 40.0 | 40.4 | 11.67 | 12.09 | 12.21 | 470.30 | 483.60 | 493.28 |
| Worcester | 41.5 | 41.9 | 42.3 | 11.69 | 11.55 | 11.56 | 485.14 | 483.95 | 488.99 |
| Michigan | 40.7 | 42.8 | 42.2 | 14.66 | 15.09 | 15.10 | 596.66 | 645.85 | 637.22 |
| Ann Arbor | 41.3 | 43.8 | 42.4 | 16.20 | 16.55 | 16.62 | 669.06 | 724.89 | 704.69 |
| Battle Creek | 43.5 | 43.5 | 43.4 | 15.92 | 17.11 | 16.09 | 692.52 | 744.28 | 698.31 |
| Detroit | 41.9 | 44.3 | 43.1 | 15.77 | 16.38 | 16.35 | 660.76 | 725.63 | 704.68 |
| Flint | 39.0 | 41.8 | 42.4 | 18.20 | 19.08 | 19.18 | 709.80 | 797.54 | 813.23 |
| Grand Rapids | 40.0 | 41.6 | 41.7 | 12.39 | 12.46 | 12.53 | 495.60 | 518.34 | 522.50 |
| Jackson | 42.4 | 41.6 | 41.4 | 11.11 | 11.05 | 11.04 | 471.06 | 459.68 | 457.06 |
| Kalamazoo | 42.0 | 45.3 | 42.8 | 14.51 | 14.71 | 14.57 | 609.42 | 666.36 | 623.60 |
| Lansing-East Lansing | 36.9 | 39.4 | 39.5 | 16.49 | 16.24 | 16.23 | 608.48 | 639.86 | 641.08 |
| Muskegon | 38.6 | 40.8 | 40.5 | 12.58 | 12.43 | 12.15 | 485.59 | 507.14 | 492.07 |
| Saginaw-Bay City-Midland | 42.6 | 44.2 | 44.5 | 16.32 | 17.34 | 17.67 | 695.23 | 766.43 | 786.31 |
| Minnesota | 40.0 | 40.8 | 40.8 | 11.91 | 12.14 | 12.20 | 476.40 | 495.31 | 497.76 |
| Duluth | 41.6 | 39.7 | 39.4 | 12.12 | 11.60 | 11.50 | 504.19 | 460.52 | 453.10 |
| Minneapolis-St. Paul | 40.3 | 41.0 | 41.0 | 12.59 | 12.90 | 12.91 | 507.38 | 528.90 | 529.31 |
| St. Cloud | 39.0 | 38.6 | 38.5 | 10.29 | 10.63 | 10.67 | 401.31 | 410.32 | 410.80 |
| Mississippi | 39.5 | 40.1 | 40.2 | 8.91 | 9.07 | 9.12 | 351.95 | 363.71 | 366.62 |
| Jackson | 39.7 | 37.6 | 38.5 | 9.53 | 9.75 | 9.88 | 378.34 | 366.60 | 380.38 |
| Missouri | 40.2 | 41.3 | 41.1 | 11.20 | 11.46 | 11.46 | 450.24 | 473.30 | 471.01 |
| Kansas City | 41.7 | 41.3 | 40.4 | 13.04 | 13.26 | 13.15 | 543.77 | 547.64 | 531.26 |
| St. Louis | 41.5 | 43.6 | 42.5 | 13.50 | 13.65 | 13.65 | 560.25 | 595.14 | 580.13 |
| Springfield | 39.3 | 41.0 | 39.7 | 10.13 | 9.90 | 9.96 | 398.11 | 405.90 | 395.41 |
| Montana | 38.2 | 38.7 | 38.3 | 11.94 | 12.22 | 12.40 | 456.11 | 472.91 | 474.92 |

See footnotes at end of table.

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

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

| State and area | Average weekly hours | | | Average hourly earnings | | | Average weekly earnings | | |
|---|----------------------|-----------|------------------------|-------------------------|-----------|------------------------|-------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p |
| Nebraska | 39.2 | 40.3 | 39.7 | \$10.22 | \$10.33 | \$10.46 | \$400.62 | \$416.30 | \$415.26 |
| Lincoln | 40.9 | 40.2 | 39.4 | 11.47 | 11.72 | 11.73 | 469.12 | 471.14 | 462.16 |
| Omaha | 39.9 | 40.9 | 39.4 | 10.81 | 10.54 | 10.96 | 431.32 | 431.09 | 431.82 |
| Nevada | 40.5 | 41.3 | 41.1 | 11.39 | 11.41 | 11.54 | 461.30 | 471.23 | 474.29 |
| Las Vegas | 40.7 | 41.9 | 41.8 | 12.56 | 12.59 | 12.87 | 511.19 | 527.52 | 537.97 |
| New Hampshire | 41.0 | 42.0 | 42.2 | 11.09 | 11.53 | 11.76 | 454.69 | 484.26 | 496.27 |
| Manchester | 41.6 | 42.5 | 42.5 | 10.99 | 11.26 | 11.12 | 457.18 | 478.55 | 472.60 |
| Nashua | 41.0 | 44.3 | 44.6 | 13.63 | 14.97 | 14.89 | 558.83 | 663.17 | 664.09 |
| Portsmouth-Dover-Rochester | 41.6 | 42.0 | 42.9 | 10.91 | 11.38 | 11.42 | 453.86 | 477.96 | 489.92 |
| New Jersey | 41.2 | 40.8 | 41.2 | 12.56 | 12.68 | 12.88 | 517.47 | 517.34 | 530.66 |
| New Mexico | 39.0 | 40.5 | 40.5 | 9.94 | 9.79 | 9.79 | 387.66 | 396.50 | 396.50 |
| Albuquerque | 39.8 | 40.8 | 41.5 | 10.07 | 10.09 | 10.11 | 400.79 | 411.67 | 419.57 |
| New York | 39.3 | 40.3 | 40.0 | 11.73 | 11.87 | 11.98 | 460.99 | 478.36 | 479.20 |
| Albany-Schenectady-Troy | 39.7 | 40.3 | 40.4 | 12.60 | 13.12 | 13.22 | 500.22 | 528.74 | 534.09 |
| Binghamton | 40.4 | 41.0 | 41.7 | 9.68 | 9.87 | 10.09 | 391.07 | 404.67 | 420.75 |
| Buffalo | 42.1 | 44.2 | 44.7 | 13.95 | 14.27 | 14.37 | 587.30 | 630.73 | 642.34 |
| Elmira | 39.5 | 42.9 | 41.9 | 10.84 | 11.15 | 11.13 | 428.18 | 478.34 | 466.35 |
| Nassau-Suffolk | 39.2 | 40.1 | 39.5 | 11.86 | 11.38 | 11.55 | 464.91 | 456.34 | 456.23 |
| New York PMSA | 37.0 | 38.0 | 37.6 | 10.72 | 10.62 | 10.76 | 396.64 | 403.56 | 404.58 |
| New York City | 36.7 | 37.7 | 37.1 | 10.47 | 10.33 | 10.49 | 384.25 | 389.44 | 389.18 |
| Niagara Falls | 41.1 | 41.4 | 40.6 | 15.11 | 15.29 | 15.26 | 621.02 | 633.01 | 619.56 |
| Orange County | 40.6 | 40.9 | 40.2 | 10.11 | 10.30 | 10.27 | 410.47 | 421.27 | 412.85 |
| Poughkeepsie | 38.3 | 40.7 | 42.0 | 11.38 | 10.77 | 10.62 | 435.85 | 438.34 | 446.04 |
| Rochester | 40.7 | 41.5 | 41.2 | 13.54 | 13.76 | 13.90 | 551.08 | 571.04 | 572.68 |
| Rockland County | 43.2 | 42.6 | 43.7 | 13.81 | 14.05 | 14.02 | 596.59 | 598.53 | 612.67 |
| Syracuse | 40.2 | 41.4 | 40.6 | 13.02 | 13.29 | 13.28 | 523.40 | 550.21 | 539.17 |
| Utica-Rome | 39.6 | 40.9 | 41.0 | 10.92 | 10.93 | 11.06 | 432.43 | 447.04 | 453.46 |
| Westchester County | 38.9 | 39.6 | 39.3 | 12.36 | 11.77 | 11.80 | 480.80 | 466.09 | 463.74 |
| North Carolina | 39.7 | 39.9 | 40.2 | 9.39 | 9.70 | 9.80 | 372.78 | 387.03 | 393.96 |
| Asheville | 40.3 | 38.4 | 40.9 | 9.51 | 9.66 | 9.83 | 383.25 | 370.94 | 402.05 |
| Charlotte-Gastonia-Rock Hill | 39.7 | 40.3 | 40.4 | 10.02 | 10.30 | 10.33 | 397.79 | 415.09 | 417.33 |
| Greensboro-Winston-Salem-High Point | 39.2 | 39.2 | 39.6 | 10.10 | 10.41 | 10.60 | 395.92 | 408.07 | 419.76 |
| Raleigh-Durham | 41.7 | 41.3 | 41.6 | 10.15 | 10.74 | 10.74 | 423.26 | 443.56 | 446.78 |
| North Dakota | 40.5 | 41.9 | 42.3 | 9.57 | 9.82 | 10.00 | 387.59 | 411.46 | 423.00 |
| Fargo-Moorhead | 38.7 | 40.5 | 40.0 | 9.08 | 9.17 | 9.42 | 351.40 | 371.39 | 376.80 |
| Ohio | 41.9 | 42.7 | 42.5 | 13.47 | 13.92 | 13.97 | 564.39 | 594.38 | 593.73 |
| Akron | 42.5 | 42.5 | 42.6 | 12.41 | 12.63 | 12.76 | 527.43 | 536.78 | 543.58 |
| Canton | 41.1 | 42.1 | 40.8 | 11.66 | 12.19 | 12.20 | 479.23 | 513.20 | 497.76 |
| Cincinnati | 42.0 | 42.0 | 41.5 | 12.88 | 12.91 | 12.91 | 540.96 | 542.22 | 535.77 |
| Cleveland | 41.9 | 43.0 | 41.9 | 12.88 | 13.22 | 13.10 | 539.67 | 568.46 | 548.89 |
| Columbus | 41.7 | 41.7 | 41.8 | 13.23 | 13.46 | 13.48 | 551.69 | 561.28 | 563.46 |
| Dayton-Springfield | 41.8 | 43.4 | 43.1 | 14.50 | 15.19 | 15.23 | 606.10 | 659.25 | 656.41 |
| Toledo | 42.6 | 44.4 | 44.1 | 14.76 | 15.13 | 15.29 | 628.78 | 671.77 | 674.29 |
| Youngstown-Warren | 42.5 | 42.3 | 42.5 | 15.79 | 16.41 | 16.40 | 671.08 | 694.14 | 697.00 |
| Oklahoma | 40.3 | 41.4 | 41.6 | 11.58 | 11.48 | 11.50 | 466.67 | 475.27 | 478.40 |
| Oklahoma City | 40.8 | 43.2 | 43.8 | 12.34 | 12.07 | 12.17 | 503.47 | 521.42 | 533.05 |
| Tulsa | 40.8 | 41.9 | 40.2 | 12.02 | 12.05 | 11.89 | 490.42 | 504.90 | 477.98 |
| Oregon | 39.6 | 39.9 | 39.3 | 11.87 | 12.11 | 12.14 | 470.05 | 483.19 | 477.10 |
| Eugene-Springfield | 39.8 | 40.2 | 39.5 | 11.77 | 12.25 | 12.29 | 468.45 | 492.45 | 485.46 |
| Medford | 40.5 | 41.8 | 40.1 | 11.38 | 11.49 | 11.61 | 460.89 | 480.28 | 465.56 |
| Portland | 39.7 | 39.7 | 39.5 | 12.30 | 12.23 | 12.32 | 488.31 | 485.53 | 486.64 |
| Salem | 37.9 | 38.4 | 38.9 | 10.57 | 10.23 | 10.35 | 400.60 | 392.83 | 402.62 |
| Pennsylvania | 40.4 | 40.2 | 40.8 | 11.79 | 11.95 | 12.08 | 476.32 | 480.39 | 492.86 |
| Allentown-Bethlehem | 39.2 | 39.7 | 40.5 | 11.83 | 11.84 | 12.09 | 463.74 | 470.05 | 489.65 |
| Altoona | 38.9 | 39.8 | 40.3 | 10.06 | 10.09 | 10.19 | 391.33 | 401.58 | 410.66 |
| Beaver County | 44.2 | 45.5 | 45.1 | 11.58 | 11.70 | 11.73 | 511.84 | 532.35 | 529.02 |
| Erie | 42.9 | 43.3 | 43.9 | 12.23 | 12.58 | 12.65 | 524.67 | 544.71 | 555.34 |
| Harrisburg-Lebanon-Carlisle | 39.2 | 39.2 | 39.5 | 11.00 | 11.35 | 11.48 | 431.20 | 444.92 | 453.46 |
| Johnstown | 39.0 | 38.6 | 38.7 | 9.05 | 9.01 | 9.07 | 352.95 | 347.79 | 351.01 |

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

| State and area | Average weekly hours | | | Average hourly earnings | | | Average weekly earnings | | |
|--------------------------------------|----------------------|-----------|------------------------|-------------------------|-----------|------------------------|-------------------------|-----------|------------------------|
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p |
| Pennsylvania—Continued | | | | | | | | | |
| Lancaster | 40.0 | 40.1 | 41.0 | \$11.72 | \$11.63 | \$11.81 | \$468.80 | \$466.36 | \$484.21 |
| Philadelphia PMSA | 40.1 | 40.0 | 40.6 | 12.90 | 13.25 | 13.34 | 517.29 | 530.00 | 541.60 |
| Pittsburgh | 41.2 | 41.0 | 40.9 | 12.31 | 12.76 | 12.82 | 507.17 | 523.16 | 524.34 |
| Reading | 40.4 | 40.4 | 41.2 | 12.18 | 12.46 | 12.61 | 492.07 | 503.38 | 519.53 |
| Scranton-Wilkes-Barre | 38.7 | 38.8 | 39.7 | 10.37 | 10.54 | 10.69 | 401.32 | 408.95 | 424.39 |
| Sharon | 43.0 | 43.3 | 42.7 | 12.69 | 12.19 | 12.24 | 545.67 | 527.83 | 522.65 |
| State College | 39.9 | 40.5 | 39.4 | 10.48 | 10.41 | 10.48 | 418.15 | 421.61 | 412.91 |
| Williamsport | 41.3 | 39.8 | 40.3 | 10.37 | 10.44 | 10.45 | 428.28 | 415.51 | 421.14 |
| York | 41.2 | 39.8 | 41.5 | 11.49 | 11.47 | 11.81 | 473.39 | 456.51 | 490.12 |
| Rhode Island | | | | | | | | | |
| Pawtucket-Woonsocket-Attleboro | 39.9 | 39.6 | 40.7 | 9.39 | 9.53 | 9.93 | 389.66 | 396.40 | 393.23 |
| Providence | 39.4 | 40.0 | 39.5 | 9.39 | 9.53 | 9.93 | 374.66 | 381.20 | 389.50 |
| Providence | 39.4 | 39.3 | 39.5 | 9.94 | 10.31 | 10.28 | 391.64 | 405.18 | 406.06 |
| South Carolina | | | | | | | | | |
| | 41.6 | 41.1 | 41.4 | 9.41 | 9.69 | 9.76 | 391.46 | 398.26 | 404.06 |
| South Dakota | | | | | | | | | |
| Rapid City | 40.8 | 41.4 | 40.0 | 8.91 | 8.81 | 8.84 | 363.53 | 364.73 | 353.60 |
| Rapid City | 41.6 | 40.8 | 39.2 | 9.34 | 8.98 | 9.11 | 388.54 | 366.38 | 357.11 |
| Sioux Falls | 41.2 | 41.0 | 39.0 | 8.95 | 8.99 | 9.02 | 368.74 | 368.59 | 351.78 |
| Tennessee | | | | | | | | | |
| Chattanooga | 39.6 | 40.3 | 40.4 | 10.09 | 10.19 | 10.37 | 399.56 | 410.66 | 418.95 |
| Chattanooga | 40.3 | 39.6 | 40.2 | 9.52 | 9.57 | 9.98 | 383.66 | 378.97 | 401.20 |
| Johnson City-Kingsport-Bristol | 37.4 | 37.8 | 38.9 | 10.17 | 10.56 | 10.56 | 380.36 | 399.17 | 410.78 |
| Knoxville | 39.9 | 39.3 | 39.1 | 10.12 | 9.90 | 10.17 | 403.79 | 389.07 | 397.65 |
| Memphis | 40.9 | 41.5 | 41.6 | 10.35 | 10.61 | 10.62 | 423.32 | 440.32 | 441.79 |
| Nashville | 39.8 | 40.1 | 40.3 | 11.25 | 11.21 | 11.13 | 447.75 | 449.52 | 448.54 |
| Texas | | | | | | | | | |
| Dallas | 42.1 | 42.3 | 42.1 | 10.91 | 11.09 | 11.13 | 459.31 | 469.11 | 468.57 |
| Dallas | 41.6 | 42.0 | 41.5 | 10.55 | 10.85 | 10.86 | 438.88 | 455.70 | 450.69 |
| Ft. Worth-Arlington | 41.3 | 42.4 | 41.3 | 11.54 | 12.14 | 12.00 | 476.60 | 514.74 | 495.60 |
| Houston | 44.0 | 44.0 | 44.0 | 13.13 | 13.40 | 13.45 | 577.72 | 589.60 | 591.80 |
| San Antonio | 41.6 | 42.4 | 42.6 | 8.28 | 8.49 | 8.55 | 344.45 | 359.98 | 364.23 |
| Utah | | | | | | | | | |
| Salt Lake City-Ogden | 39.7 | 39.7 | 39.2 | 11.16 | 11.22 | 11.23 | 443.05 | 445.43 | 440.22 |
| Salt Lake City-Ogden | 40.5 | 41.0 | 40.8 | 11.24 | 11.30 | 11.31 | 455.22 | 463.30 | 461.45 |
| Vermont | | | | | | | | | |
| Burlington | 40.9 | 41.1 | 41.6 | 11.62 | 12.11 | 12.15 | 475.26 | 497.72 | 505.44 |
| Burlington | 40.3 | 42.5 | 45.2 | 11.79 | 12.23 | 11.64 | 475.14 | 519.78 | 526.13 |
| Virginia | | | | | | | | | |
| Bristol | 40.3 | 39.5 | 40.5 | 10.60 | 10.77 | 10.87 | 427.18 | 425.42 | 440.24 |
| Bristol | 40.2 | 38.6 | 40.7 | 8.97 | 8.88 | 9.30 | 360.59 | 342.77 | 378.51 |
| Charlottesville | 38.2 | 38.3 | 38.6 | 9.39 | 9.81 | 9.84 | 358.70 | 375.72 | 379.82 |
| Danville | 43.1 | 41.1 | 41.3 | 10.67 | 10.84 | 11.17 | 459.88 | 445.52 | 461.32 |
| Lynchburg | 41.6 | 40.9 | 41.9 | 10.20 | 10.72 | 11.08 | 424.32 | 438.45 | 464.25 |
| Northern Virginia | 39.9 | 41.4 | 40.2 | 12.56 | 14.01 | 13.95 | 501.14 | 580.01 | 560.79 |
| Richmond-Petersburg | 41.6 | 40.7 | 41.4 | 13.84 | 13.34 | 13.29 | 575.74 | 542.94 | 550.21 |
| Roanoke | 39.5 | 38.7 | 41.2 | 12.03 | 12.17 | 12.50 | 475.19 | 470.98 | 515.00 |
| Washington | | | | | | | | | |
| | 39.6 | 40.3 | 40.1 | 13.52 | 14.00 | 13.92 | 535.39 | 564.20 | 558.19 |
| West Virginia | | | | | | | | | |
| Charleston | 40.8 | 40.0 | 40.9 | 12.23 | 12.34 | 12.36 | 498.98 | 493.60 | 505.52 |
| Charleston | 45.0 | 43.2 | 42.6 | 14.89 | 15.70 | 15.41 | 661.05 | 678.24 | 656.47 |
| Huntington-Ashland | 41.1 | 40.1 | 41.1 | 13.69 | 13.90 | 13.63 | 562.66 | 557.39 | 560.19 |
| Parkersburg-Marietta | 40.9 | 41.0 | 40.9 | 14.51 | 14.72 | 14.98 | 593.46 | 603.52 | 612.68 |
| Wheeling | 41.0 | 42.1 | 42.9 | 14.56 | 14.30 | 14.11 | 596.96 | 602.03 | 605.32 |
| Wisconsin | | | | | | | | | |
| Appleton-Oshkosh | 40.6 | 41.9 | 41.4 | 11.80 | 12.10 | 12.20 | 479.08 | 506.99 | 505.08 |
| Appleton-Oshkosh | 42.1 | 43.2 | 43.0 | 12.66 | 13.07 | 13.10 | 532.99 | 564.62 | 563.30 |
| Eau Claire | 44.5 | 41.5 | 41.0 | 12.85 | 12.07 | 11.99 | 571.83 | 500.91 | 491.59 |
| Green Bay | 41.8 | 41.9 | 41.1 | 13.07 | 12.60 | 12.46 | 546.33 | 527.94 | 512.11 |
| Janesville-Beloit | 43.6 | 46.3 | 45.5 | 14.98 | 16.13 | 16.32 | 653.13 | 746.82 | 742.56 |
| Kenosha | 38.2 | 40.6 | 38.9 | 11.91 | 12.40 | 13.00 | 454.96 | 503.44 | 505.70 |
| La Crosse | 37.5 | 40.2 | 40.0 | 10.37 | 10.61 | 10.73 | 388.88 | 426.52 | 429.20 |
| Madison | 39.6 | 41.4 | 40.1 | 10.92 | 11.18 | 11.24 | 432.43 | 462.85 | 450.72 |
| Milwaukee | 40.3 | 41.9 | 41.1 | 12.76 | 13.01 | 13.08 | 514.23 | 545.12 | 537.59 |
| Racine | 39.0 | 40.6 | 39.0 | 12.19 | 12.20 | 12.45 | 475.41 | 495.32 | 485.55 |
| Sheboygan | 39.9 | 40.6 | 40.3 | 11.68 | 12.04 | 12.21 | 466.03 | 488.82 | 492.06 |
| Wausau | 41.5 | 41.1 | 41.7 | 11.18 | 11.49 | 11.86 | 463.97 | 472.24 | 494.56 |
| Wyoming | | | | | | | | | |
| | 39.3 | 38.1 | 38.5 | 11.04 | 11.30 | 11.89 | 433.87 | 430.53 | 457.77 |
| Puerto Rico | | | | | | | | | |
| | 39.3 | 39.9 | 39.7 | 6.56 | 6.87 | 6.95 | 257.80 | 274.11 | 275.92 |
| Virgin Islands | | | | | | | | | |
| | 41.6 | 42.1 | 42.7 | 13.33 | 14.61 | 14.78 | 554.53 | 615.08 | 631.11 |

¹ Not available.

^p = preliminary.

NOTE: Area definitions are published annually in the May issue of this

publication. All State and area data have been adjusted to March 1992 benchmarks.

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

| Industry | Millions of hours (annual rate) ¹ | | | Percent change | | |
|---|--|------------------------|-----------------------|-----------------------------------|-------------------------------------|------------------------------------|
| | Mar. 1993 ^r | Apr. 1993 ^r | May 1993 ^p | May 1992 to May 1993 ^p | Mar. 1993 to Apr. 1993 ^r | Apr. 1993 to May 1993 ^p |
| Total | 202,326 | 202,708 | 205,459 | 2.4 | 0.2 | 1.4 |
| Private sector | 164,519 | 165,144 | 167,381 | 2.4 | .4 | 1.4 |
| Mining | 1,359 | 1,365 | 1,393 | -4.7 | .5 | 2.1 |
| Construction | 8,878 | 8,902 | 9,296 | 3.4 | .3 | 4.4 |
| Manufacturing | 38,372 | 38,321 | 38,242 | -1.2 | -.1 | -.2 |
| Durable goods | 21,965 | 21,889 | 21,788 | -1.7 | -.3 | -.5 |
| Nondurable goods | 16,407 | 16,432 | 16,455 | -.4 | .2 | .1 |
| Transportation and public utilities | 11,802 | 11,748 | 11,874 | 2.9 | -.5 | 1.1 |
| Wholesale trade | 12,111 | 12,071 | 12,254 | 1.8 | -.3 | 1.5 |
| Retail trade | 29,181 | 29,420 | 29,759 | 2.7 | .8 | 1.1 |
| Finance, insurance, and real estate | 12,148 | 12,185 | 12,499 | 1.9 | .3 | 2.6 |
| Services | 50,669 | 51,132 | 52,063 | 5.2 | .9 | 1.8 |
| Government | 37,806 | 37,564 | 38,078 | 2.2 | -.6 | 1.4 |

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

^p = preliminary.

^r = revised.

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

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2414, chapter 10, Productivity measures: Business sector and major subsectors. SOURCE: Office of Productivity and Technology (202-606-5606).

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

(1982=100)

| Item | Annual average | | Quarterly index | | | | | | | | | | |
|--------------------------------------|----------------|-------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| | 1991 | 1992 | 1990 | | 1991 | | | | 1992 | | | | 1993 |
| | | | III | IV | I | II | III | IV | I | II | III | IV | I |
| Business sector | | | | | | | | | | | | | |
| Output per hour of all persons | 110.1 | 113.3 | 109.8 | 109.7 | 109.3 | 109.8 | 110.3 | 111.2 | 112.3 | 112.6 | 113.5 | 114.7 | 114.7 |
| Output | 129.8 | 132.8 | 132.5 | 131.3 | 129.2 | 129.5 | 130.0 | 130.6 | 131.4 | 131.9 | 133.0 | 134.7 | 135.4 |
| Hours | 117.9 | 117.2 | 120.7 | 119.8 | 118.1 | 117.9 | 117.8 | 117.5 | 117.0 | 117.2 | 117.2 | 117.5 | 118.1 |
| Compensation per hour | 146.6 | 152.1 | 141.0 | 142.9 | 144.1 | 146.1 | 147.5 | 148.8 | 150.3 | 151.0 | 152.7 | 154.3 | 155.8 |
| Real compensation per hour | 103.9 | 104.6 | 103.4 | 103.1 | 103.0 | 103.9 | 104.2 | 104.3 | 104.4 | 104.1 | 104.6 | 104.9 | 104.9 |
| Unit labor costs | 133.1 | 134.3 | 128.4 | 130.3 | 131.8 | 133.1 | 133.7 | 133.8 | 133.8 | 134.1 | 134.5 | 134.6 | 135.8 |
| Unit nonlabor payments | 142.5 | 148.9 | 139.1 | 139.5 | 141.2 | 141.8 | 142.8 | 144.3 | 147.0 | 148.9 | 147.9 | 151.9 | 152.0 |
| Implicit price deflator | 136.2 | 139.1 | 131.9 | 133.3 | 134.9 | 136.0 | 136.7 | 137.3 | 138.2 | 139.0 | 138.9 | 140.3 | 141.1 |
| Nonfarm business sector | | | | | | | | | | | | | |
| Output per hour of all persons | 108.7 | 111.6 | 108.1 | 108.1 | 107.9 | 108.4 | 108.9 | 109.6 | 110.6 | 111.1 | 111.8 | 113.0 | 113.0 |
| Output | 130.0 | 132.9 | 132.7 | 131.5 | 129.4 | 129.7 | 130.2 | 130.7 | 131.5 | 132.0 | 133.2 | 134.8 | 135.6 |
| Hours | 119.6 | 119.0 | 122.8 | 121.6 | 119.9 | 119.7 | 119.6 | 119.3 | 118.9 | 118.9 | 119.1 | 119.3 | 120.0 |
| Compensation per hour | 145.4 | 150.8 | 139.6 | 141.6 | 143.0 | 145.0 | 146.4 | 147.5 | 148.9 | 149.8 | 151.4 | 153.0 | 154.3 |
| Real compensation per hour | 103.0 | 103.7 | 102.4 | 102.2 | 102.2 | 103.1 | 103.4 | 103.4 | 103.5 | 103.3 | 103.7 | 104.0 | 103.9 |
| Unit labor costs | 133.8 | 135.1 | 129.1 | 131.0 | 132.5 | 133.8 | 134.4 | 134.6 | 134.6 | 134.9 | 135.3 | 135.4 | 136.6 |
| Unit nonlabor payments | 143.7 | 150.4 | 139.6 | 140.6 | 142.5 | 142.6 | 144.0 | 145.9 | 148.4 | 150.6 | 149.4 | 153.3 | 153.5 |
| Implicit price deflator | 137.0 | 140.0 | 132.5 | 134.1 | 135.7 | 136.6 | 137.5 | 138.3 | 139.1 | 139.9 | 139.9 | 141.2 | 142.0 |
| Manufacturing | | | | | | | | | | | | | |
| Output per hour of all persons | 128.1 | 131.9 | 127.2 | 127.0 | 126.1 | 127.5 | 129.4 | 129.7 | 129.4 | 131.0 | 132.7 | 134.2 | 135.8 |
| Output | 131.9 | 134.6 | 136.6 | 133.9 | 130.3 | 131.0 | 133.2 | 133.3 | 132.6 | 134.4 | 135.0 | 136.6 | 138.9 |
| Hours | 103.0 | 102.0 | 107.4 | 105.4 | 103.3 | 102.8 | 103.0 | 102.8 | 102.5 | 102.6 | 101.7 | 101.7 | 102.3 |
| Compensation per hour | 140.6 | 144.2 | 134.6 | 136.8 | 138.5 | 140.2 | 141.3 | 142.8 | 142.0 | 143.1 | 144.6 | 146.7 | 146.7 |
| Real compensation per hour | 99.6 | 99.2 | 98.7 | 98.7 | 99.0 | 99.7 | 99.8 | 100.1 | 98.7 | 98.7 | 99.0 | 99.7 | 98.8 |
| Unit labor costs | 109.8 | 109.3 | 105.8 | 107.7 | 109.9 | 110.0 | 109.2 | 110.1 | 109.8 | 109.2 | 108.9 | 109.3 | 108.0 |
| Durable goods | | | | | | | | | | | | | |
| Output per hour of all persons | 137.5 | 141.7 | 137.9 | 136.8 | 135.4 | 136.8 | 138.8 | 139.2 | 138.0 | 140.9 | 142.8 | 144.8 | 147.6 |
| Output | 138.9 | 140.7 | 147.3 | 142.6 | 137.6 | 138.3 | 140.2 | 139.7 | 138.2 | 140.6 | 141.1 | 143.0 | 146.6 |
| Hours | 101.1 | 99.3 | 106.8 | 104.2 | 101.6 | 101.1 | 101.0 | 100.3 | 100.2 | 99.8 | 98.8 | 98.8 | 99.3 |
| Compensation per hour | 138.5 | 141.6 | 132.6 | 134.9 | 136.5 | 137.9 | 139.0 | 140.9 | 139.3 | 140.4 | 141.8 | 144.5 | 143.8 |
| Real compensation per hour | 98.1 | 97.4 | 97.3 | 97.3 | 97.5 | 98.1 | 98.2 | 98.7 | 96.8 | 96.8 | 97.1 | 98.2 | 96.8 |
| Unit labor costs | 100.8 | 99.9 | 96.2 | 98.6 | 100.8 | 100.9 | 100.1 | 101.3 | 100.9 | 99.7 | 99.3 | 99.8 | 97.4 |
| Nondurable goods | | | | | | | | | | | | | |
| Output per hour of all persons | 116.8 | 120.2 | 114.4 | 115.2 | 114.8 | 116.2 | 118.0 | 118.2 | 118.9 | 119.2 | 120.6 | 121.6 | 121.7 |
| Output | 123.5 | 127.3 | 123.7 | 123.5 | 121.4 | 122.1 | 124.9 | 125.6 | 125.7 | 126.9 | 127.8 | 128.8 | 129.7 |
| Hours | 105.8 | 105.9 | 108.2 | 107.2 | 105.7 | 105.1 | 105.9 | 106.3 | 105.8 | 106.5 | 105.9 | 105.9 | 106.6 |
| Compensation per hour | 144.9 | 149.5 | 138.1 | 140.4 | 142.6 | 144.5 | 145.7 | 146.8 | 147.2 | 148.5 | 150.1 | 151.4 | 152.6 |
| Real compensation per hour | 102.6 | 102.8 | 101.3 | 101.3 | 102.0 | 102.7 | 102.9 | 102.9 | 102.3 | 102.4 | 102.8 | 102.9 | 102.8 |
| Unit labor costs | 124.1 | 124.4 | 120.8 | 121.9 | 124.2 | 124.3 | 123.5 | 124.2 | 123.9 | 124.6 | 124.4 | 124.5 | 125.4 |
| Nonfinancial corporations | | | | | | | | | | | | | |
| Output per all-employee hour | 113.9 | 117.7 | 111.9 | 112.6 | 113.0 | 113.6 | 114.2 | 115.3 | 116.0 | 116.7 | 118.2 | 119.8 | (¹) |
| Output | 134.8 | 139.0 | 136.8 | 135.8 | 134.1 | 134.3 | 134.9 | 136.0 | 136.8 | 137.9 | 139.3 | 141.8 | (¹) |
| Hours | 118.3 | 118.1 | 122.2 | 120.6 | 118.7 | 118.2 | 118.1 | 117.9 | 117.9 | 118.2 | 117.8 | 118.3 | (¹) |
| Compensation per hour | 143.1 | 147.4 | 137.6 | 139.6 | 140.8 | 142.7 | 144.0 | 145.2 | 145.9 | 146.6 | 147.9 | 149.3 | (¹) |
| Real compensation per hour | 101.4 | 101.4 | 100.9 | 100.7 | 100.7 | 101.5 | 101.7 | 101.7 | 101.4 | 101.1 | 101.3 | 101.5 | (¹) |
| Total unit costs | 124.7 | 124.2 | 121.4 | 122.7 | 123.9 | 124.7 | 125.3 | 125.0 | 124.6 | 124.4 | 124.5 | 123.3 | (¹) |
| Unit labor costs | 125.6 | 125.3 | 123.0 | 124.0 | 124.6 | 125.7 | 126.2 | 125.9 | 125.7 | 125.6 | 125.2 | 124.6 | (¹) |
| Unit nonlabor costs | 122.6 | 121.5 | 117.4 | 119.5 | 122.2 | 122.1 | 123.1 | 122.8 | 121.7 | 121.4 | 122.8 | 120.0 | (¹) |
| Unit profits | 152.9 | 182.7 | 157.2 | 149.7 | 151.3 | 154.5 | 150.7 | 155.2 | 167.7 | 179.6 | 179.3 | 203.4 | (¹) |
| Implicit price deflator | 126.5 | 127.8 | 123.6 | 124.4 | 125.6 | 126.5 | 126.9 | 126.9 | 127.3 | 127.8 | 127.9 | 128.3 | (¹) |

¹ Not available.

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

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

| Item | Percent change from | | | | | | | | | | | |
|--------------------------------------|---------------------|-----------|------------|-------------|------------|------------------|-----------------------------|-----------|------------|-------------|------------|------------------|
| | Previous quarter | | | | | | Same quarter, previous year | | | | | |
| | IV 1991 | I 1992 | II 1992 | III 1992 | IV 1992 | I 1993 | IV 1991 | I 1992 | II 1992 | III 1992 | IV 1992 | I 1993 |
| Business sector | | | | | | | | | | | | |
| Output per hour of all persons | 3.3 | 3.9 | 1.0 | 3.3 | 4.3 | 0.1 | 1.4 | 2.7 | 2.5 | 2.9 | 3.1 | 2.2 |
| Output | 2.0 | 2.3 | 1.6 | 3.6 | 5.2 | 2.0 | -5 | 1.7 | 1.9 | 2.4 | 3.2 | 3.1 |
| Hours | -1.3 | -1.5 | .6 | .2 | .9 | 1.9 | -1.9 | -1.0 | -6 | -5 | .0 | .9 |
| Compensation per hour | 3.5 | 4.0 | 1.9 | 4.5 | 4.5 | 3.8 | 4.1 | 4.2 | 3.3 | 3.5 | 3.7 | 3.7 |
| Real compensation per hour | .3 | .6 | -1.2 | 1.8 | 1.3 | -1 | 1.2 | 1.3 | .2 | .4 | .6 | .5 |
| Unit labor costs | .2 | .1 | .9 | 1.2 | .2 | 3.6 | 2.7 | 1.5 | .8 | .6 | .6 | 1.5 |
| Unit nonlabor payments | 4.1 | 7.7 | 5.3 | -2.7 | 11.3 | .2 | 3.4 | 4.1 | 5.0 | 3.5 | 5.3 | 3.4 |
| Implicit price deflator | 1.6 | 2.6 | 2.4 | -2 | 4.0 | 2.4 | 3.0 | 2.4 | 2.2 | 1.6 | 2.2 | 2.1 |
| Nonfarm business sector | | | | | | | | | | | | |
| Output per hour of all persons | 2.5 | 3.7 | 1.7 | 2.9 | 4.1 | -1 | 1.3 | 2.5 | 2.4 | 2.7 | 3.1 | 2.1 |
| Output | 1.6 | 2.3 | 1.7 | 3.5 | 5.1 | 2.3 | -6 | 1.6 | 1.8 | 2.3 | 3.1 | 3.1 |
| Hours | -9 | -1.3 | .1 | .6 | .9 | 2.4 | -1.9 | -9 | -6 | -4 | .0 | 1.0 |
| Compensation per hour | 3.1 | 3.8 | 2.4 | 4.2 | 4.5 | 3.3 | 4.2 | 4.1 | 3.3 | 3.4 | 3.7 | 3.6 |
| Real compensation per hour | -1 | .4 | -6 | 1.5 | 1.3 | -5 | 1.2 | 1.2 | .2 | .3 | .6 | .4 |
| Unit labor costs | .6 | .1 | .8 | 1.3 | .3 | 3.4 | 2.8 | 1.7 | .8 | .7 | .6 | 1.4 |
| Unit nonlabor payments | 5.4 | 7.1 | 5.8 | -3.1 | 10.9 | .6 | 3.7 | 4.2 | 5.6 | 3.7 | 5.1 | 3.4 |
| Implicit price deflator | 2.2 | 2.4 | 2.5 | -3 | 3.9 | 2.4 | 3.1 | 2.5 | 2.5 | 1.7 | 2.1 | 2.1 |
| Manufacturing | | | | | | | | | | | | |
| Output per hour of all persons | 1.0 | -1.0 | 5.3 | 5.3 | 4.6 | 4.8 | 2.1 | 2.6 | 2.8 | 2.6 | 3.5 | 5.0 |
| Output | .2 | -2.2 | 5.6 | 2.0 | 4.6 | 7.1 | -5 | 1.8 | 2.6 | 1.4 | 2.4 | 4.8 |
| Hours | -8 | -1.1 | .3 | -3.2 | .0 | 2.2 | -2.5 | -8 | -2 | -1.2 | -1.0 | -2 |
| Compensation per hour | 4.5 | -2.3 | 3.2 | 4.1 | 6.1 | .1 | 4.4 | 2.5 | 2.1 | 2.3 | 2.7 | 3.4 |
| Real compensation per hour | 1.2 | -5.5 | .1 | 1.3 | 2.9 | -3.6 | 1.4 | -4 | -1.0 | -7 | -3 | .2 |
| Unit labor costs | 3.5 | -1.3 | -2.0 | -1.2 | 1.5 | -4.5 | 2.2 | -1 | -7 | -3 | -7 | -1.6 |
| Durable goods | | | | | | | | | | | | |
| Output per hour of all persons | 1.0 | -3.4 | 8.7 | 5.5 | 5.7 | 8.1 | 1.7 | 1.9 | 3.0 | 2.8 | 4.0 | 7.0 |
| Output | -1.5 | -4.0 | 6.9 | 1.5 | 5.6 | 10.3 | -2.1 | .5 | 1.6 | .6 | 2.4 | 6.0 |
| Hours | -2.4 | -7 | -1.6 | -3.8 | .0 | 2.1 | -3.7 | -1.4 | -1.4 | -2.1 | -1.5 | -9 |
| Compensation per hour | 5.7 | -4.6 | 3.3 | 3.9 | 8.0 | -2.0 | 4.5 | 2.1 | 1.8 | 2.0 | 2.6 | 3.2 |
| Real compensation per hour | 2.4 | -7.6 | .2 | 1.2 | 4.7 | -5.6 | 1.5 | -8 | -1.3 | -1.1 | -5 | .0 |
| Unit labor costs | 4.7 | -1.2 | -4.9 | -1.5 | 2.2 | -9.3 | 2.7 | .1 | -1.2 | -8 | -1.4 | -3.5 |
| Nondurable goods | | | | | | | | | | | | |
| Output per hour of all persons | .9 | 2.2 | .9 | 5.0 | 3.1 | .6 | 2.6 | 3.5 | 2.5 | 2.3 | 2.8 | 2.4 |
| Output | 2.5 | .4 | 3.8 | 2.7 | 3.1 | 3.0 | 1.8 | 3.6 | 3.9 | 2.3 | 2.5 | 3.2 |
| Hours | 1.5 | -1.8 | 2.8 | -2.3 | .0 | 2.4 | -9 | .0 | 1.4 | .1 | -3 | .7 |
| Compensation per hour | 3.0 | 1.2 | 3.4 | 4.5 | 3.4 | 3.4 | 4.5 | 3.2 | 2.7 | 3.0 | 3.1 | 3.7 |
| Real compensation per hour | -3 | -2.1 | .3 | 1.7 | .2 | -4 | 1.5 | .4 | -3 | -1 | .0 | .5 |
| Unit labor costs | 2.1 | -1.0 | 2.5 | -5 | .2 | 2.8 | 1.8 | -3 | .2 | .7 | .3 | 1.2 |
| Nonfinancial corporations | | | | | | | | | | | | |
| Output per all-employee hour | 4.2 | 2.3 | 2.5 | 5.1 | 5.7 | (¹) | 2.5 | 2.7 | 2.8 | 3.5 | 3.9 | (¹) |
| Output | 3.4 | 2.3 | 3.4 | 3.9 | 7.4 | (¹) | .2 | 2.0 | 2.7 | 3.3 | 4.2 | (¹) |
| Hours | -7 | .0 | .9 | -1.1 | 1.6 | (¹) | -2.2 | -6 | .0 | -2 | .3 | (¹) |
| Compensation per hour | 3.3 | 1.8 | 2.0 | 3.7 | 3.7 | (¹) | 4.0 | 3.6 | 2.7 | 2.7 | 2.8 | (¹) |
| Real compensation per hour | .1 | -1.5 | -1.0 | 1.0 | .6 | (¹) | 1.0 | .7 | -4 | -4 | -2 | (¹) |
| Total unit costs | -9 | -1.4 | -6 | .3 | -3.8 | (¹) | 1.9 | .5 | -2 | -6 | -1.4 | (¹) |
| Unit labor costs | -8 | -5 | -4 | -1.4 | -1.8 | (¹) | 1.5 | .9 | -1 | -8 | -1.0 | (¹) |
| Unit nonlabor costs | -1.0 | -3.5 | -9 | 4.8 | -8.8 | (¹) | 2.8 | -4 | -6 | -2 | -2.2 | (¹) |
| Unit profits | 12.6 | 36.3 | 31.5 | -6 | 65.5 | (¹) | 3.7 | 10.8 | 16.2 | 19.0 | 31.1 | (¹) |
| Implicit price deflator | .1 | 1.2 | 1.8 | .2 | 1.1 | (¹) | 2.0 | 1.3 | 1.0 | .8 | 1.1 | (¹) |

¹ Not available.

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

**HOUSEHOLD DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| Census region and division | 1992 | | | | | | | | 1993 | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | May. | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May. |
| NORTHEAST | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 39,471 | 39,477 | 39,486 | 39,498 | 39,505 | 39,518 | 39,533 | 39,547 | 39,551 | 39,555 | 39,567 | 39,570 | 39,572 |
| Civilian labor force | 25,559 | 25,557 | 25,575 | 25,605 | 25,576 | 25,567 | 25,727 | 25,746 | 25,688 | 25,612 | 25,564 | 25,425 | 25,591 |
| Employed | 23,521 | 23,402 | 23,391 | 23,481 | 23,440 | 23,489 | 23,641 | 23,653 | 23,649 | 23,665 | 23,703 | 23,588 | 23,756 |
| Unemployed | 2,038 | 2,155 | 2,184 | 2,124 | 2,137 | 2,078 | 2,086 | 2,093 | 2,039 | 1,947 | 1,862 | 1,837 | 1,835 |
| Unemployment rate | 8.0 | 8.4 | 8.5 | 8.3 | 8.4 | 8.1 | 8.1 | 8.1 | 7.9 | 7.6 | 7.3 | 7.2 | 7.2 |
| New England | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 10,203 | 10,206 | 10,211 | 10,216 | 10,220 | 10,224 | 10,231 | 10,236 | 10,239 | 10,241 | 10,247 | 10,244 | 10,243 |
| Civilian labor force | 7,031 | 7,002 | 7,062 | 7,079 | 7,055 | 7,075 | 7,140 | 7,123 | 7,127 | 7,054 | 7,054 | 6,985 | 7,007 |
| Employed | 6,492 | 6,433 | 6,513 | 6,524 | 6,480 | 6,511 | 6,544 | 6,530 | 6,562 | 6,524 | 6,557 | 6,499 | 6,536 |
| Unemployed | 539 | 569 | 549 | 556 | 575 | 564 | 597 | 593 | 565 | 530 | 497 | 486 | 470 |
| Unemployment rate | 7.7 | 8.1 | 7.8 | 7.8 | 8.2 | 8.0 | 8.4 | 8.3 | 7.9 | 7.5 | 7.0 | 7.0 | 6.7 |
| Middle Atlantic | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 29,268 | 29,270 | 29,276 | 29,281 | 29,285 | 29,294 | 29,302 | 29,312 | 29,312 | 29,314 | 29,320 | 29,326 | 29,329 |
| Civilian labor force | 18,528 | 18,555 | 18,513 | 18,526 | 18,521 | 18,492 | 18,587 | 18,623 | 18,561 | 18,558 | 18,511 | 18,440 | 18,585 |
| Employed | 17,028 | 16,969 | 16,879 | 16,957 | 16,960 | 16,978 | 17,098 | 17,123 | 17,087 | 17,141 | 17,146 | 17,089 | 17,220 |
| Unemployed | 1,500 | 1,586 | 1,635 | 1,569 | 1,562 | 1,514 | 1,489 | 1,500 | 1,474 | 1,417 | 1,365 | 1,351 | 1,365 |
| Unemployment rate | 8.1 | 8.5 | 8.8 | 8.5 | 8.4 | 8.2 | 8.0 | 8.1 | 7.9 | 7.6 | 7.4 | 7.3 | 7.3 |
| SOUTH | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 65,701 | 65,762 | 65,831 | 65,898 | 65,962 | 66,036 | 66,108 | 66,186 | 66,241 | 66,302 | 66,372 | 66,447 | 66,520 |
| Civilian labor force | 43,068 | 43,328 | 43,233 | 43,178 | 43,135 | 43,109 | 43,161 | 43,249 | 43,099 | 43,460 | 43,417 | 43,239 | 43,569 |
| Employed | 40,008 | 40,136 | 40,092 | 40,058 | 40,053 | 40,092 | 40,184 | 40,313 | 40,176 | 40,667 | 40,465 | 40,315 | 40,774 |
| Unemployed | 3,060 | 3,192 | 3,141 | 3,120 | 3,083 | 3,017 | 2,977 | 2,936 | 2,923 | 2,792 | 2,952 | 2,924 | 2,795 |
| Unemployment rate | 7.1 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.8 | 6.4 | 6.8 | 6.8 | 6.4 |
| South Atlantic | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 33,994 | 34,038 | 34,083 | 34,126 | 34,170 | 34,220 | 34,265 | 34,317 | 34,355 | 34,396 | 34,441 | 34,480 | 34,516 |
| Civilian labor force | 22,412 | 22,515 | 22,532 | 22,469 | 22,460 | 22,448 | 22,480 | 22,577 | 22,588 | 22,815 | 22,729 | 22,679 | 22,746 |
| Employed | 20,843 | 20,930 | 20,907 | 20,826 | 20,868 | 20,906 | 20,949 | 21,140 | 21,100 | 21,360 | 21,226 | 21,199 | 21,356 |
| Unemployed | 1,569 | 1,585 | 1,625 | 1,644 | 1,592 | 1,542 | 1,531 | 1,437 | 1,488 | 1,456 | 1,502 | 1,480 | 1,390 |
| Unemployment rate | 7.0 | 7.0 | 7.2 | 7.3 | 7.1 | 6.9 | 6.8 | 6.4 | 6.6 | 6.4 | 6.6 | 6.5 | 6.1 |
| East South Central | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 11,699 | 11,703 | 11,711 | 11,718 | 11,724 | 11,731 | 11,740 | 11,748 | 11,753 | 11,759 | 11,766 | 11,778 | 11,791 |
| Civilian labor force | 7,256 | 7,360 | 7,362 | 7,370 | 7,359 | 7,345 | 7,383 | 7,390 | 7,298 | 7,404 | 7,429 | 7,336 | 7,470 |
| Employed | 6,730 | 6,819 | 6,837 | 6,854 | 6,868 | 6,843 | 6,883 | 6,872 | 6,819 | 6,981 | 6,883 | 6,799 | 6,945 |
| Unemployed | 526 | 541 | 525 | 516 | 491 | 502 | 500 | 518 | 479 | 423 | 546 | 537 | 525 |
| Unemployment rate | 7.2 | 7.3 | 7.1 | 7.0 | 6.7 | 6.8 | 6.8 | 7.0 | 6.6 | 5.7 | 7.3 | 7.3 | 7.0 |
| West South Central | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 20,008 | 20,021 | 20,038 | 20,053 | 20,068 | 20,085 | 20,103 | 20,122 | 20,133 | 20,147 | 20,164 | 20,189 | 20,213 |
| Civilian labor force | 13,401 | 13,453 | 13,339 | 13,338 | 13,317 | 13,316 | 13,298 | 13,283 | 13,212 | 13,240 | 13,260 | 13,224 | 13,352 |
| Employed | 12,435 | 12,387 | 12,348 | 12,378 | 12,317 | 12,343 | 12,352 | 12,301 | 12,257 | 12,327 | 12,356 | 12,317 | 12,472 |
| Unemployed | 966 | 1,066 | 991 | 960 | 1,000 | 973 | 946 | 982 | 955 | 913 | 904 | 907 | 880 |
| Unemployment rate | 7.2 | 7.9 | 7.4 | 7.2 | 7.5 | 7.3 | 7.1 | 7.4 | 7.2 | 6.9 | 6.8 | 6.9 | 6.6 |

See footnotes at end of table.

**HOUSEHOLD DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| Census region and division | 1992 | | | | | | | | 1993 | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | May. | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May. |
| MIDWEST | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 45,858 | 45,877 | 45,895 | 45,917 | 45,936 | 45,962 | 45,987 | 46,014 | 46,028 | 46,042 | 46,064 | 46,095 | 46,123 |
| Civilian labor force | 31,274 | 31,260 | 31,422 | 31,439 | 31,389 | 31,221 | 31,243 | 31,373 | 31,316 | 31,208 | 31,190 | 31,153 | 31,488 |
| Employed | 29,138 | 29,093 | 29,278 | 29,410 | 29,352 | 29,307 | 29,343 | 29,430 | 29,374 | 29,224 | 29,315 | 29,216 | 29,483 |
| Unemployed | 2,136 | 2,167 | 2,145 | 2,029 | 2,037 | 1,914 | 1,900 | 1,944 | 1,942 | 1,985 | 1,875 | 1,936 | 2,005 |
| Unemployment rate | 6.8 | 6.9 | 6.8 | 6.5 | 6.5 | 6.1 | 6.1 | 6.2 | 6.2 | 6.4 | 6.0 | 6.2 | 6.4 |
| East North Central | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 32,340 | 32,353 | 32,367 | 32,383 | 32,397 | 32,415 | 32,433 | 32,453 | 32,461 | 32,473 | 32,489 | 32,511 | 32,530 |
| Civilian labor force | 21,781 | 21,820 | 21,861 | 21,884 | 21,839 | 21,675 | 21,678 | 21,792 | 21,722 | 21,640 | 21,696 | 21,697 | 21,897 |
| Employed | 20,136 | 20,137 | 20,168 | 20,307 | 20,250 | 20,202 | 20,213 | 20,303 | 20,279 | 20,176 | 20,320 | 20,237 | 20,378 |
| Unemployed | 1,645 | 1,683 | 1,693 | 1,577 | 1,588 | 1,473 | 1,465 | 1,489 | 1,443 | 1,464 | 1,376 | 1,461 | 1,520 |
| Unemployment rate | 7.6 | 7.7 | 7.7 | 7.2 | 7.3 | 6.8 | 6.8 | 6.8 | 6.6 | 6.8 | 6.3 | 6.7 | 6.9 |
| West North Central | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 13,518 | 13,523 | 13,529 | 13,533 | 13,539 | 13,547 | 13,554 | 13,562 | 13,567 | 13,569 | 13,575 | 13,584 | 13,593 |
| Civilian labor force | 9,493 | 9,440 | 9,561 | 9,555 | 9,550 | 9,546 | 9,565 | 9,581 | 9,594 | 9,568 | 9,494 | 9,455 | 9,591 |
| Employed | 9,003 | 8,956 | 9,110 | 9,104 | 9,101 | 9,105 | 9,130 | 9,127 | 9,095 | 9,048 | 8,995 | 8,980 | 9,106 |
| Unemployed | 491 | 484 | 452 | 452 | 449 | 441 | 435 | 454 | 499 | 521 | 500 | 476 | 485 |
| Unemployment rate | 5.2 | 5.1 | 4.7 | 4.7 | 4.7 | 4.6 | 4.5 | 4.7 | 5.2 | 5.4 | 5.3 | 5.0 | 5.1 |
| WEST | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 40,277 | 40,340 | 40,409 | 40,478 | 40,544 | 40,616 | 40,687 | 40,761 | 40,824 | 40,886 | 40,955 | 41,014 | 41,067 |
| Civilian labor force | 26,972 | 27,022 | 27,169 | 27,108 | 27,159 | 27,066 | 27,210 | 27,212 | 27,218 | 27,306 | 27,327 | 27,245 | 27,320 |
| Employed | 24,885 | 24,842 | 24,993 | 24,829 | 24,925 | 24,760 | 24,879 | 24,911 | 24,965 | 25,026 | 25,096 | 25,125 | 25,208 |
| Unemployed | 2,087 | 2,180 | 2,176 | 2,279 | 2,234 | 2,306 | 2,331 | 2,301 | 2,252 | 2,280 | 2,230 | 2,120 | 2,112 |
| Unemployment rate | 7.7 | 8.1 | 8.0 | 8.4 | 8.2 | 8.5 | 8.6 | 8.5 | 8.3 | 8.3 | 8.2 | 7.8 | 7.7 |
| Mountain | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 10,183 | 10,194 | 10,208 | 10,221 | 10,232 | 10,247 | 10,259 | 10,274 | 10,286 | 10,296 | 10,310 | 10,332 | 10,353 |
| Civilian labor force | 6,880 | 6,843 | 6,856 | 6,789 | 6,877 | 6,864 | 6,894 | 6,911 | 6,945 | 6,848 | 6,934 | 6,892 | 7,011 |
| Employed | 6,433 | 6,398 | 6,419 | 6,353 | 6,437 | 6,436 | 6,467 | 6,470 | 6,488 | 6,452 | 6,499 | 6,460 | 6,595 |
| Unemployed | 447 | 445 | 436 | 436 | 440 | 428 | 427 | 441 | 457 | 396 | 435 | 432 | 416 |
| Unemployment rate | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.2 | 6.2 | 6.4 | 6.6 | 5.8 | 6.3 | 6.3 | 5.9 |
| Pacific | | | | | | | | | | | | | |
| Civilian noninstitutional population ² | 30,094 | 30,145 | 30,202 | 30,256 | 30,312 | 30,369 | 30,428 | 30,488 | 30,538 | 30,590 | 30,645 | 30,682 | 30,714 |
| Civilian labor force | 20,092 | 20,179 | 20,314 | 20,319 | 20,282 | 20,202 | 20,316 | 20,301 | 20,273 | 20,458 | 20,392 | 20,352 | 20,309 |
| Employed | 18,452 | 18,445 | 18,574 | 18,476 | 18,489 | 18,325 | 18,412 | 18,441 | 18,477 | 18,575 | 18,598 | 18,665 | 18,613 |
| Unemployed | 1,640 | 1,734 | 1,740 | 1,843 | 1,794 | 1,878 | 1,904 | 1,860 | 1,796 | 1,884 | 1,795 | 1,688 | 1,697 |
| Unemployment rate | 8.2 | 8.6 | 8.6 | 9.1 | 8.8 | 9.3 | 9.4 | 9.2 | 8.9 | 9.2 | 8.8 | 8.3 | 8.4 |

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

² The population figures are not adjusted for seasonal variation.

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

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

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| State | 1992 | | | | | | | | | 1993 | | | |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|
| | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P |
| Alabama | | | | | | | | | | | | | |
| Civilian labor force | 1,929.7 | 1,940.3 | 1,954.0 | 1,953.1 | 1,961.1 | 1,940.4 | 1,925.6 | 1,941.7 | 1,932.2 | 1,968.1 | 1,970.1 | 1,980.9 | 1,943.3 |
| Employed | 1,781.5 | 1,786.9 | 1,801.6 | 1,802.1 | 1,819.7 | 1,805.5 | 1,803.5 | 1,809.8 | 1,796.9 | 1,812.1 | 1,822.7 | 1,825.3 | 1,798.0 |
| Unemployed | 148.1 | 153.3 | 152.5 | 151.0 | 141.4 | 134.9 | 122.1 | 131.9 | 135.3 | 156.0 | 147.4 | 155.6 | 145.3 |
| Unemployment rate | 7.7 | 7.9 | 7.8 | 7.7 | 7.2 | 6.9 | 8.3 | 6.8 | 7.0 | 7.9 | 7.5 | 7.9 | 7.5 |
| Alaska | | | | | | | | | | | | | |
| Civilian labor force | 260.9 | 261.2 | 263.6 | 264.5 | 282.9 | 262.6 | 261.8 | 263.8 | 263.1 | 264.0 | 263.7 | 267.1 | 265.1 |
| Employed | 237.4 | 237.0 | 238.7 | 239.1 | 238.0 | 240.3 | 237.5 | 240.7 | 241.1 | 241.6 | 242.0 | 247.2 | 243.8 |
| Unemployed | 23.5 | 24.2 | 24.8 | 25.4 | 24.8 | 22.4 | 24.3 | 23.1 | 22.0 | 22.4 | 21.8 | 19.9 | 21.3 |
| Unemployment rate | 9.0 | 9.3 | 9.4 | 9.6 | 9.5 | 8.5 | 9.3 | 8.8 | 8.4 | 8.5 | 8.2 | 7.5 | 8.1 |
| Arizona | | | | | | | | | | | | | |
| Civilian labor force | 1,743.1 | 1,712.7 | 1,730.7 | 1,741.4 | 1,713.7 | 1,736.9 | 1,735.5 | 1,734.7 | 1,742.2 | 1,776.9 | 1,730.4 | 1,739.3 | 1,718.5 |
| Employed | 1,613.9 | 1,589.8 | 1,604.2 | 1,616.4 | 1,589.6 | 1,611.6 | 1,607.1 | 1,608.7 | 1,615.7 | 1,639.9 | 1,603.6 | 1,613.8 | 1,594.5 |
| Unemployed | 129.3 | 122.9 | 126.6 | 124.9 | 124.1 | 125.3 | 128.3 | 126.0 | 128.5 | 136.9 | 126.9 | 125.6 | 124.0 |
| Unemployment rate | 7.4 | 7.2 | 7.3 | 7.2 | 7.2 | 7.2 | 7.4 | 7.3 | 7.3 | 7.7 | 7.3 | 7.2 | 7.2 |
| Arkansas | | | | | | | | | | | | | |
| Civilian labor force | 1,168.1 | 1,161.5 | 1,155.1 | 1,159.3 | 1,150.1 | 1,145.6 | 1,142.8 | 1,124.6 | 1,121.7 | 1,108.1 | 1,119.8 | 1,132.4 | 1,134.4 |
| Employed | 1,081.6 | 1,080.5 | 1,070.5 | 1,076.2 | 1,069.7 | 1,062.9 | 1,061.0 | 1,041.0 | 1,038.8 | 1,027.3 | 1,045.5 | 1,061.0 | 1,068.0 |
| Unemployed | 86.5 | 80.9 | 84.6 | 83.0 | 80.5 | 82.6 | 81.9 | 83.8 | 82.9 | 80.8 | 74.3 | 71.5 | 66.4 |
| Unemployment rate | 7.4 | 7.0 | 7.3 | 7.2 | 7.0 | 7.2 | 7.2 | 7.4 | 7.4 | 7.3 | 6.6 | 6.3 | 5.8 |
| California¹ | | | | | | | | | | | | | |
| Civilian labor force | 14,986.5 | 15,120.3 | 15,227.3 | 15,247.0 | 15,313.1 | 15,283.8 | 15,211.4 | 15,282.9 | 15,365.5 | 15,242.3 | 15,405.1 | 15,341.8 | 15,329.5 |
| Employed | 13,764.3 | 13,797.0 | 13,830.1 | 13,861.2 | 13,830.7 | 13,837.2 | 13,721.7 | 13,757.4 | 13,862.5 | 13,801.4 | 13,898.8 | 13,894.4 | 14,017.4 |
| Unemployed | 1,222.2 | 1,323.3 | 1,397.2 | 1,385.8 | 1,482.4 | 1,446.6 | 1,489.7 | 1,525.5 | 1,503.0 | 1,440.9 | 1,506.4 | 1,447.3 | 1,312.2 |
| Unemployment rate | 8.2 | 8.8 | 9.2 | 9.1 | 9.7 | 9.5 | 9.8 | 10.0 | 9.8 | 9.5 | 9.8 | 9.4 | 8.6 |
| Colorado | | | | | | | | | | | | | |
| Civilian labor force | 1,749.8 | 1,749.2 | 1,765.9 | 1,756.3 | 1,765.5 | 1,752.7 | 1,766.6 | 1,768.5 | 1,770.0 | 1,802.9 | 1,784.8 | 1,794.7 | 1,765.0 |
| Employed | 1,650.1 | 1,638.3 | 1,645.0 | 1,645.6 | 1,654.4 | 1,648.6 | 1,664.4 | 1,667.8 | 1,670.8 | 1,698.3 | 1,683.6 | 1,691.0 | 1,671.7 |
| Unemployed | 99.7 | 110.9 | 120.8 | 110.7 | 111.0 | 104.2 | 102.2 | 100.7 | 99.2 | 104.6 | 101.0 | 103.7 | 93.3 |
| Unemployment rate | 5.7 | 6.3 | 6.8 | 6.3 | 6.3 | 5.9 | 5.8 | 5.7 | 5.8 | 5.8 | 5.7 | 5.8 | 5.3 |
| Connecticut | | | | | | | | | | | | | |
| Civilian labor force | 1,781.9 | 1,782.5 | 1,763.5 | 1,786.2 | 1,792.1 | 1,786.4 | 1,802.0 | 1,796.1 | 1,785.9 | 1,759.7 | 1,746.3 | 1,749.1 | 1,751.0 |
| Employed | 1,647.5 | 1,650.3 | 1,628.3 | 1,652.5 | 1,657.6 | 1,650.3 | 1,667.4 | 1,659.5 | 1,653.1 | 1,635.4 | 1,627.7 | 1,628.3 | 1,620.7 |
| Unemployed | 134.4 | 132.2 | 135.2 | 133.7 | 134.5 | 136.1 | 134.5 | 136.6 | 132.7 | 124.3 | 118.7 | 122.8 | 130.3 |
| Unemployment rate | 7.5 | 7.4 | 7.7 | 7.5 | 7.5 | 7.6 | 7.5 | 7.6 | 7.4 | 7.1 | 6.8 | 7.0 | 7.4 |
| Delaware | | | | | | | | | | | | | |
| Civilian labor force | 370.8 | 370.9 | 373.4 | 372.5 | 373.2 | 374.8 | 375.1 | 375.4 | 376.3 | 378.5 | 378.6 | 376.7 | 377.8 |
| Employed | 350.4 | 350.2 | 349.7 | 351.3 | 353.7 | 355.9 | 354.9 | 358.1 | 358.6 | 361.8 | 359.1 | 357.4 | 358.4 |
| Unemployed | 20.4 | 20.6 | 23.7 | 21.2 | 19.6 | 19.0 | 20.2 | 17.4 | 17.7 | 16.7 | 19.4 | 19.3 | 19.5 |
| Unemployment rate | 5.5 | 5.6 | 6.3 | 5.7 | 5.2 | 5.1 | 5.4 | 4.6 | 4.7 | 4.4 | 5.1 | 5.1 | 5.1 |
| District of Columbia | | | | | | | | | | | | | |
| Civilian labor force | 283.6 | 278.1 | 276.9 | 274.7 | 271.9 | 272.5 | 270.2 | 268.7 | 268.0 | 264.8 | 271.3 | 270.0 | 272.9 |
| Employed | 262.9 | 255.2 | 254.0 | 250.6 | 247.7 | 248.9 | 247.1 | 244.7 | 244.3 | 239.5 | 247.6 | 247.2 | 250.3 |
| Unemployed | 20.7 | 22.9 | 22.9 | 24.0 | 24.1 | 23.6 | 23.1 | 24.0 | 23.7 | 25.3 | 23.7 | 22.6 | 22.6 |
| Unemployment rate | 7.3 | 8.2 | 8.3 | 8.8 | 8.9 | 8.7 | 8.6 | 8.9 | 8.8 | 9.6 | 8.7 | 8.5 | 8.3 |
| Florida¹ | | | | | | | | | | | | | |
| Civilian labor force | 6,510.4 | 6,539.8 | 6,581.0 | 6,619.9 | 6,590.1 | 6,628.2 | 6,592.4 | 6,572.6 | 6,586.1 | 6,643.8 | 6,713.9 | 6,867.7 | 6,689.9 |
| Employed | 5,967.8 | 6,013.7 | 6,028.8 | 6,061.6 | 6,029.6 | 6,051.6 | 6,090.6 | 6,068.1 | 6,109.2 | 6,124.8 | 6,262.6 | 6,205.8 | 6,246.4 |
| Unemployed | 542.6 | 526.1 | 552.2 | 558.3 | 560.5 | 576.6 | 501.8 | 504.5 | 476.9 | 519.0 | 451.3 | 461.9 | 443.4 |
| Unemployment rate | 8.3 | 8.0 | 8.4 | 8.4 | 8.5 | 8.7 | 7.6 | 7.7 | 7.2 | 7.8 | 6.7 | 6.9 | 6.6 |

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| State | 1992 | | | | | | | | | 1993 | | | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P |
| Georgia | | | | | | | | | | | | | |
| Civilian labor force | 3,210.2 | 3,223.5 | 3,218.9 | 3,255.2 | 3,250.2 | 3,238.9 | 3,266.2 | 3,263.1 | 3,253.7 | 3,279.2 | 3,283.4 | 3,273.9 | 3,275.2 |
| Employed | 3,001.2 | 3,004.3 | 2,997.1 | 3,004.9 | 3,003.8 | 3,010.6 | 3,025.9 | 3,035.1 | 3,037.0 | 3,062.2 | 3,068.7 | 3,055.8 | 3,075.9 |
| Unemployed | 209.1 | 219.2 | 221.8 | 250.3 | 246.4 | 228.3 | 240.2 | 228.1 | 216.7 | 217.0 | 214.6 | 218.1 | 199.3 |
| Unemployment rate | 6.5 | 6.8 | 6.9 | 7.7 | 7.6 | 7.0 | 7.4 | 7.0 | 6.7 | 6.6 | 6.5 | 6.7 | 6.1 |
| Hawaii | | | | | | | | | | | | | |
| Civilian labor force | 569.0 | 570.3 | 573.8 | 576.0 | 575.1 | 575.5 | 576.1 | 577.3 | 577.5 | 576.5 | 569.7 | 570.8 | 578.0 |
| Employed | 545.6 | 544.8 | 545.5 | 547.5 | 547.4 | 547.2 | 546.9 | 548.3 | 550.0 | 549.5 | 542.4 | 543.6 | 549.6 |
| Unemployed | 23.3 | 25.5 | 28.2 | 28.5 | 27.7 | 28.3 | 29.2 | 29.0 | 27.6 | 27.0 | 27.3 | 27.2 | 28.4 |
| Unemployment rate | 4.1 | 4.5 | 4.9 | 5.0 | 4.8 | 4.9 | 5.1 | 5.0 | 4.8 | 4.7 | 4.8 | 4.8 | 4.9 |
| Idaho | | | | | | | | | | | | | |
| Civilian labor force | 517.2 | 516.3 | 517.8 | 520.2 | 521.9 | 522.9 | 521.3 | 522.3 | 520.4 | 520.9 | 516.0 | 513.9 | 509.9 |
| Employed | 483.8 | 484.8 | 484.9 | 487.7 | 488.6 | 489.1 | 488.2 | 489.3 | 488.2 | 486.4 | 482.9 | 477.9 | 473.7 |
| Unemployed | 33.4 | 31.5 | 32.9 | 32.5 | 33.3 | 33.9 | 33.1 | 33.0 | 32.2 | 34.5 | 33.1 | 36.0 | 36.2 |
| Unemployment rate | 6.5 | 6.1 | 6.4 | 6.2 | 6.4 | 6.5 | 6.3 | 6.3 | 6.2 | 6.6 | 6.4 | 7.0 | 7.1 |
| Illinois¹ | | | | | | | | | | | | | |
| Civilian labor force | 6,056.8 | 6,164.7 | 6,186.5 | 6,099.4 | 6,071.8 | 6,126.1 | 6,109.5 | 6,137.7 | 6,205.2 | 6,060.9 | 8,039.0 | 6,069.2 | 6,029.9 |
| Employed | 5,578.4 | 5,660.2 | 5,687.4 | 5,598.4 | 5,665.5 | 5,698.0 | 5,749.2 | 5,739.2 | 5,773.4 | 5,668.2 | 5,559.6 | 5,559.6 | 5,540.1 |
| Unemployed | 478.4 | 504.5 | 519.1 | 501.0 | 406.3 | 428.1 | 360.3 | 398.5 | 431.8 | 392.8 | 479.4 | 509.6 | 489.7 |
| Unemployment rate | 7.9 | 8.2 | 8.4 | 8.2 | 6.7 | 7.0 | 5.9 | 6.5 | 7.0 | 6.5 | 7.9 | 8.4 | 8.1 |
| Indiana | | | | | | | | | | | | | |
| Civilian labor force | 2,833.6 | 2,839.0 | 2,877.3 | 2,903.8 | 2,866.7 | 2,856.7 | 2,836.2 | 2,830.0 | 2,826.5 | 2,799.5 | 2,820.4 | 2,853.2 | 2,886.2 |
| Employed | 2,650.3 | 2,642.2 | 2,673.3 | 2,709.4 | 2,681.6 | 2,669.5 | 2,660.7 | 2,644.5 | 2,644.6 | 2,623.6 | 2,648.7 | 2,718.7 | 2,720.5 |
| Unemployed | 183.3 | 196.8 | 204.0 | 194.3 | 185.1 | 187.1 | 175.5 | 185.6 | 181.9 | 176.0 | 171.7 | 134.5 | 165.7 |
| Unemployment rate | 6.5 | 6.9 | 7.1 | 6.7 | 6.5 | 6.5 | 6.2 | 6.6 | 6.4 | 6.3 | 6.1 | 4.7 | 5.7 |
| Iowa | | | | | | | | | | | | | |
| Civilian labor force | 1,531.8 | 1,553.6 | 1,557.5 | 1,557.9 | 1,561.4 | 1,563.1 | 1,553.9 | 1,554.3 | 1,555.3 | 1,567.3 | 1,573.3 | 1,576.4 | 1,563.8 |
| Employed | 1,457.0 | 1,468.5 | 1,479.0 | 1,483.6 | 1,495.4 | 1,494.8 | 1,487.3 | 1,488.5 | 1,488.3 | 1,497.9 | 1,505.8 | 1,507.4 | 1,496.6 |
| Unemployed | 74.8 | 85.1 | 78.5 | 74.3 | 66.0 | 68.4 | 66.6 | 65.8 | 67.0 | 69.5 | 67.5 | 69.0 | 67.3 |
| Unemployment rate | 4.9 | 5.5 | 5.0 | 4.8 | 4.2 | 4.4 | 4.3 | 4.2 | 4.3 | 4.4 | 4.3 | 4.4 | 4.3 |
| Kansas | | | | | | | | | | | | | |
| Civilian labor force | 1,333.2 | 1,335.9 | 1,328.3 | 1,332.2 | 1,336.1 | 1,335.6 | 1,332.4 | 1,328.9 | 1,331.0 | 1,339.9 | 1,344.6 | 1,338.9 | 1,334.7 |
| Employed | 1,278.2 | 1,277.5 | 1,266.5 | 1,274.8 | 1,279.5 | 1,278.3 | 1,277.2 | 1,273.1 | 1,274.8 | 1,281.9 | 1,283.5 | 1,272.2 | 1,267.5 |
| Unemployed | 55.0 | 58.4 | 61.7 | 57.6 | 56.7 | 57.2 | 55.1 | 55.7 | 56.2 | 58.1 | 61.0 | 66.6 | 67.2 |
| Unemployment rate | 4.1 | 4.4 | 4.6 | 4.3 | 4.2 | 4.3 | 4.1 | 4.2 | 4.2 | 4.3 | 4.5 | 5.0 | 5.0 |
| Kentucky | | | | | | | | | | | | | |
| Civilian labor force | 1,727.0 | 1,722.7 | 1,738.5 | 1,744.3 | 1,760.9 | 1,753.9 | 1,756.5 | 1,751.3 | 1,757.9 | 1,769.7 | 1,769.3 | 1,766.1 | 1,765.7 |
| Employed | 1,619.1 | 1,616.2 | 1,621.9 | 1,621.6 | 1,629.9 | 1,632.0 | 1,630.4 | 1,636.6 | 1,644.1 | 1,659.2 | 1,672.3 | 1,652.3 | 1,650.5 |
| Unemployed | 107.9 | 106.5 | 116.6 | 122.7 | 131.0 | 121.9 | 126.1 | 112.7 | 113.8 | 110.5 | 97.0 | 113.8 | 115.2 |
| Unemployment rate | 6.2 | 6.2 | 6.7 | 7.0 | 7.4 | 6.9 | 7.2 | 6.4 | 6.5 | 6.2 | 5.5 | 6.4 | 6.5 |
| Louisiana | | | | | | | | | | | | | |
| Civilian labor force | 1,973.9 | 1,953.7 | 1,947.6 | 1,926.8 | 1,922.2 | 1,909.5 | 1,907.6 | 1,898.9 | 1,886.3 | 1,893.7 | 1,900.9 | 1,878.4 | 1,866.1 |
| Employed | 1,806.2 | 1,799.6 | 1,787.1 | 1,764.3 | 1,769.8 | 1,750.9 | 1,756.8 | 1,747.8 | 1,732.4 | 1,742.2 | 1,766.2 | 1,742.6 | 1,736.3 |
| Unemployed | 167.7 | 154.1 | 160.6 | 162.5 | 152.4 | 158.6 | 150.9 | 151.1 | 153.8 | 151.5 | 134.7 | 135.8 | 129.8 |
| Unemployment rate | 8.5 | 7.9 | 8.2 | 8.4 | 7.9 | 8.3 | 7.9 | 8.0 | 8.2 | 8.0 | 7.1 | 7.2 | 7.0 |
| Maine | | | | | | | | | | | | | |
| Civilian labor force | 660.9 | 666.8 | 665.2 | 665.3 | 664.8 | 664.2 | 660.6 | 663.7 | 659.9 | 662.0 | 654.0 | 657.4 | 652.0 |
| Employed | 612.0 | 625.8 | 617.8 | 620.8 | 618.6 | 617.8 | 616.1 | 616.8 | 612.3 | 611.6 | 600.7 | 602.9 | 599.0 |
| Unemployed | 48.9 | 41.0 | 47.4 | 44.4 | 46.2 | 46.6 | 44.5 | 46.9 | 47.6 | 50.5 | 53.3 | 54.5 | 53.0 |
| Unemployment rate | 7.4 | 6.2 | 7.1 | 6.7 | 6.9 | 7.0 | 6.7 | 7.1 | 7.2 | 7.6 | 8.2 | 8.3 | 8.1 |

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| State | 1992 | | | | | | | | | 1993 | | | |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P |
| Maryland | | | | | | | | | | | | | |
| Civilian labor force | 2,622.4 | 2,624.9 | 2,640.6 | 2,644.8 | 2,643.1 | 2,634.5 | 2,624.5 | 2,620.4 | 2,641.4 | 2,610.8 | 2,635.4 | 2,625.9 | 2,600.0 |
| Employed | 2,451.9 | 2,450.2 | 2,465.1 | 2,466.5 | 2,468.1 | 2,459.6 | 2,454.0 | 2,453.1 | 2,476.7 | 2,459.1 | 2,475.1 | 2,463.7 | 2,432.2 |
| Unemployed | 170.6 | 174.7 | 175.5 | 178.3 | 175.0 | 174.9 | 170.5 | 167.3 | 164.6 | 151.6 | 160.4 | 162.2 | 187.9 |
| Unemployment rate | 6.5 | 6.7 | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.4 | 6.2 | 5.8 | 6.1 | 6.2 | 6.5 |
| Massachusetts¹ | | | | | | | | | | | | | |
| Civilian labor force | 3,106.2 | 3,123.6 | 3,141.5 | 3,144.0 | 3,117.6 | 3,107.1 | 3,105.8 | 3,129.4 | 3,139.3 | 3,200.2 | 3,142.7 | 3,170.2 | 3,120.6 |
| Employed | 2,842.9 | 2,862.9 | 2,868.7 | 2,880.7 | 2,855.3 | 2,841.2 | 2,843.4 | 2,852.4 | 2,868.1 | 2,936.6 | 2,901.4 | 2,966.0 | 2,919.0 |
| Unemployed | 263.3 | 260.7 | 272.8 | 263.3 | 262.3 | 265.9 | 262.4 | 277.0 | 271.2 | 263.6 | 241.3 | 204.2 | 201.6 |
| Unemployment rate | 8.5 | 8.3 | 8.7 | 8.4 | 8.4 | 8.6 | 8.4 | 8.9 | 8.6 | 8.2 | 7.7 | 6.4 | 6.5 |
| Michigan¹ | | | | | | | | | | | | | |
| Civilian labor force | 4,580.3 | 4,616.2 | 4,593.4 | 4,628.8 | 4,626.7 | 4,628.7 | 4,615.5 | 4,625.8 | 4,608.5 | 4,589.7 | 4,583.5 | 4,547.9 | 4,632.3 |
| Employed | 4,156.6 | 4,212.9 | 4,186.4 | 4,205.5 | 4,217.2 | 4,226.3 | 4,219.3 | 4,255.9 | 4,239.1 | 4,264.1 | 4,274.1 | 4,259.3 | 4,324.1 |
| Unemployed | 423.7 | 403.3 | 407.0 | 423.3 | 409.5 | 402.4 | 396.2 | 369.9 | 369.4 | 325.6 | 309.4 | 288.6 | 308.2 |
| Unemployment rate | 9.3 | 8.7 | 8.9 | 9.1 | 8.9 | 8.7 | 8.6 | 8.0 | 8.0 | 7.1 | 6.8 | 6.3 | 6.7 |
| Minnesota | | | | | | | | | | | | | |
| Civilian labor force | 2,421.1 | 2,439.2 | 2,426.3 | 2,446.1 | 2,429.3 | 2,436.9 | 2,443.9 | 2,445.8 | 2,467.4 | 2,505.5 | 2,484.1 | 2,490.0 | 2,491.4 |
| Employed | 2,302.7 | 2,304.2 | 2,287.2 | 2,330.8 | 2,307.6 | 2,317.2 | 2,319.3 | 2,317.5 | 2,346.1 | 2,373.4 | 2,340.9 | 2,363.6 | 2,353.2 |
| Unemployed | 118.4 | 135.0 | 139.1 | 115.3 | 121.7 | 119.7 | 124.6 | 128.3 | 121.3 | 132.2 | 143.2 | 126.4 | 138.2 |
| Unemployment rate | 4.9 | 5.5 | 5.7 | 4.7 | 5.0 | 4.9 | 5.1 | 5.2 | 4.9 | 5.3 | 5.8 | 5.1 | 5.5 |
| Mississippi | | | | | | | | | | | | | |
| Civilian labor force | 1,171.5 | 1,173.3 | 1,187.4 | 1,192.7 | 1,195.2 | 1,197.0 | 1,189.5 | 1,187.7 | 1,179.9 | 1,170.1 | 1,174.4 | 1,191.0 | 1,189.7 |
| Employed | 1,075.5 | 1,073.6 | 1,082.1 | 1,090.1 | 1,092.6 | 1,099.5 | 1,096.6 | 1,103.6 | 1,098.8 | 1,098.0 | 1,099.8 | 1,108.9 | 1,102.3 |
| Unemployed | 96.0 | 99.7 | 105.3 | 102.6 | 102.6 | 97.6 | 92.9 | 84.1 | 81.1 | 72.1 | 74.6 | 82.1 | 87.4 |
| Unemployment rate | 8.2 | 8.5 | 8.9 | 8.6 | 8.6 | 8.2 | 7.8 | 7.1 | 6.9 | 6.2 | 6.4 | 6.9 | 7.3 |
| Missouri | | | | | | | | | | | | | |
| Civilian labor force | 2,711.3 | 2,677.6 | 2,686.4 | 2,698.4 | 2,686.8 | 2,680.9 | 2,686.0 | 2,683.8 | 2,660.7 | 2,653.1 | 2,621.0 | 2,613.5 | 2,608.3 |
| Employed | 2,557.7 | 2,517.6 | 2,521.2 | 2,538.9 | 2,532.8 | 2,525.7 | 2,541.1 | 2,548.8 | 2,515.0 | 2,498.6 | 2,460.5 | 2,437.5 | 2,430.5 |
| Unemployed | 153.6 | 160.0 | 165.2 | 159.5 | 153.9 | 155.2 | 144.9 | 135.0 | 145.7 | 154.5 | 160.5 | 175.9 | 177.7 |
| Unemployment rate | 5.7 | 6.0 | 6.1 | 5.9 | 5.7 | 5.8 | 5.4 | 5.0 | 5.5 | 5.8 | 6.1 | 6.7 | 6.8 |
| Montana | | | | | | | | | | | | | |
| Civilian labor force | 412.5 | 411.7 | 410.9 | 410.7 | 410.6 | 411.9 | 413.2 | 411.5 | 409.5 | 406.1 | 402.9 | 406.5 | 401.6 |
| Employed | 385.3 | 383.2 | 381.6 | 384.3 | 380.4 | 383.7 | 387.1 | 388.2 | 383.2 | 377.1 | 374.4 | 379.9 | 376.0 |
| Unemployed | 27.2 | 28.5 | 29.3 | 26.4 | 30.2 | 28.2 | 26.1 | 23.3 | 26.2 | 29.0 | 28.5 | 26.6 | 25.6 |
| Unemployment rate | 6.6 | 6.9 | 7.1 | 6.4 | 7.4 | 6.8 | 6.3 | 5.7 | 6.4 | 7.1 | 7.1 | 6.5 | 6.4 |
| Nebraska | | | | | | | | | | | | | |
| Civilian labor force | 856.5 | 863.4 | 860.7 | 861.2 | 856.7 | 853.1 | 852.5 | 848.3 | 847.5 | 848.2 | 857.3 | 863.5 | 868.4 |
| Employed | 831.5 | 833.6 | 833.1 | 835.3 | 831.8 | 828.3 | 828.4 | 825.6 | 823.7 | 824.3 | 833.9 | 837.3 | 843.7 |
| Unemployed | 25.0 | 29.8 | 27.6 | 25.9 | 24.9 | 24.8 | 24.1 | 22.7 | 23.8 | 23.9 | 23.4 | 26.2 | 24.7 |
| Unemployment rate | 2.9 | 3.5 | 3.2 | 3.0 | 2.9 | 2.9 | 2.8 | 2.7 | 2.8 | 2.8 | 2.7 | 3.0 | 2.8 |
| Nevada | | | | | | | | | | | | | |
| Civilian labor force | 667.8 | 671.3 | 672.4 | 675.1 | 677.2 | 678.4 | 680.5 | 683.4 | 680.3 | 683.0 | 679.5 | 674.5 | 685.7 |
| Employed | 625.8 | 627.9 | 625.8 | 627.7 | 629.2 | 631.9 | 635.6 | 639.3 | 637.8 | 635.1 | 633.5 | 627.5 | 638.8 |
| Unemployed | 41.9 | 43.4 | 46.6 | 47.4 | 48.0 | 46.5 | 44.9 | 44.1 | 42.6 | 48.0 | 46.0 | 47.0 | 46.8 |
| Unemployment rate | 6.3 | 6.5 | 6.9 | 7.0 | 7.1 | 6.9 | 6.6 | 6.5 | 6.3 | 7.0 | 6.8 | 7.0 | 6.8 |
| New Hampshire | | | | | | | | | | | | | |
| Civilian labor force | 632.2 | 625.8 | 620.4 | 623.1 | 633.4 | 634.4 | 639.2 | 643.9 | 641.3 | 644.1 | 656.7 | 649.1 | 640.3 |
| Employed | 585.1 | 579.9 | 573.9 | 576.5 | 585.9 | 586.1 | 591.8 | 596.4 | 595.0 | 592.3 | 601.5 | 594.0 | 591.0 |
| Unemployed | 47.1 | 45.8 | 46.5 | 46.6 | 47.5 | 48.3 | 47.4 | 47.5 | 46.3 | 51.8 | 55.2 | 55.1 | 49.3 |
| Unemployment rate | 7.5 | 7.3 | 7.5 | 7.5 | 7.5 | 7.6 | 7.4 | 7.4 | 7.2 | 8.0 | 8.4 | 8.5 | 7.7 |

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| State | 1992 | | | | | | | | | 1993 | | | |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P |
| New Jersey¹ | | | | | | | | | | | | | |
| Civilian labor force | 4,028.0 | 4,018.9 | 3,996.9 | 3,989.7 | 3,947.2 | 3,981.6 | 3,974.0 | 3,998.4 | 4,008.2 | 3,929.8 | 3,914.9 | 3,921.8 | 3,934.0 |
| Employed | 3,709.8 | 3,669.0 | 3,639.7 | 3,607.1 | 3,583.8 | 3,624.5 | 3,649.0 | 3,650.6 | 3,676.3 | 3,640.2 | 3,608.8 | 3,596.7 | 3,575.8 |
| Unemployed | 318.2 | 349.9 | 357.2 | 382.6 | 363.4 | 357.1 | 325.0 | 347.8 | 331.9 | 289.7 | 306.2 | 325.1 | 358.3 |
| Unemployment rate | 7.9 | 8.7 | 8.9 | 9.6 | 9.2 | 9.0 | 8.2 | 8.7 | 8.3 | 7.4 | 7.8 | 8.3 | 9.1 |
| New Mexico | | | | | | | | | | | | | |
| Civilian labor force | 719.1 | 719.0 | 723.7 | 721.9 | 722.7 | 725.8 | 725.8 | 727.2 | 721.5 | 727.5 | 734.0 | 732.3 | 731.4 |
| Employed | 671.4 | 671.5 | 673.2 | 672.5 | 673.0 | 675.8 | 677.5 | 681.0 | 678.0 | 680.0 | 685.0 | 681.0 | 680.7 |
| Unemployed | 47.7 | 47.5 | 50.6 | 49.4 | 49.7 | 50.0 | 48.3 | 46.2 | 43.5 | 47.5 | 49.0 | 51.3 | 50.7 |
| Unemployment rate | 6.6 | 6.6 | 7.0 | 6.8 | 6.9 | 6.9 | 6.7 | 6.3 | 6.0 | 6.5 | 6.7 | 7.0 | 6.9 |
| New York¹ | | | | | | | | | | | | | |
| Civilian labor force | 8,522.7 | 8,526.5 | 8,577.4 | 8,546.5 | 8,539.1 | 8,510.4 | 8,470.1 | 8,531.0 | 8,583.9 | 8,607.4 | 8,634.6 | 8,614.3 | 8,558.5 |
| Employed | 7,868.2 | 7,835.9 | 7,802.6 | 7,748.7 | 7,811.2 | 7,761.4 | 7,733.3 | 7,830.8 | 7,858.2 | 7,876.6 | 7,946.3 | 7,985.3 | 7,960.2 |
| Unemployed | 654.5 | 690.6 | 774.8 | 797.8 | 727.9 | 749.0 | 736.8 | 700.2 | 725.7 | 730.8 | 688.4 | 628.9 | 598.4 |
| Unemployment rate | 7.7 | 8.1 | 9.0 | 9.3 | 8.5 | 8.8 | 8.7 | 8.2 | 8.5 | 8.5 | 8.0 | 7.3 | 7.0 |
| North Carolina¹ | | | | | | | | | | | | | |
| Civilian labor force | 3,452.1 | 3,463.1 | 3,495.4 | 3,506.3 | 3,503.2 | 3,500.1 | 3,510.2 | 3,529.9 | 3,521.4 | 3,524.0 | 3,504.4 | 3,506.0 | 3,503.5 |
| Employed | 3,261.1 | 3,261.3 | 3,275.8 | 3,290.9 | 3,288.5 | 3,293.4 | 3,313.0 | 3,322.8 | 3,324.5 | 3,332.1 | 3,321.3 | 3,319.3 | 3,310.9 |
| Unemployed | 191.0 | 201.8 | 219.6 | 215.4 | 214.7 | 206.7 | 197.2 | 207.1 | 196.9 | 191.9 | 183.1 | 186.7 | 192.7 |
| Unemployment rate | 5.5 | 5.8 | 6.3 | 6.1 | 6.1 | 5.9 | 5.6 | 5.9 | 5.6 | 5.4 | 5.2 | 5.3 | 5.5 |
| North Dakota | | | | | | | | | | | | | |
| Civilian labor force | 315.7 | 316.9 | 315.1 | 311.1 | 309.8 | 313.6 | 312.2 | 313.8 | 313.6 | 313.4 | 314.3 | 313.8 | 319.2 |
| Employed | 301.1 | 299.9 | 298.9 | 295.6 | 294.8 | 298.6 | 297.4 | 299.4 | 299.2 | 299.6 | 300.1 | 298.7 | 303.5 |
| Unemployed | 14.6 | 17.0 | 16.2 | 15.4 | 15.1 | 14.9 | 14.8 | 14.4 | 14.4 | 13.8 | 14.2 | 15.1 | 15.7 |
| Unemployment rate | 4.6 | 5.4 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.6 | 4.4 | 4.5 | 4.8 | 4.9 |
| Ohio¹ | | | | | | | | | | | | | |
| Civilian labor force | 5,471.2 | 5,517.5 | 5,466.7 | 5,550.6 | 5,548.9 | 5,522.7 | 5,457.3 | 5,420.2 | 5,438.6 | 5,507.6 | 5,494.8 | 5,482.7 | 5,463.3 |
| Employed | 5,086.5 | 5,118.3 | 5,058.0 | 5,142.0 | 5,133.7 | 5,126.6 | 5,057.3 | 5,014.8 | 5,043.4 | 5,121.8 | 5,126.2 | 5,125.6 | 5,108.2 |
| Unemployed | 384.7 | 399.2 | 408.7 | 408.6 | 415.2 | 396.1 | 400.0 | 405.4 | 395.2 | 385.9 | 368.6 | 357.1 | 355.0 |
| Unemployment rate | 7.0 | 7.2 | 7.5 | 7.4 | 7.5 | 7.2 | 7.3 | 7.5 | 7.3 | 7.0 | 6.7 | 6.5 | 6.5 |
| Oklahoma | | | | | | | | | | | | | |
| Civilian labor force | 1,524.5 | 1,514.5 | 1,518.2 | 1,530.7 | 1,527.2 | 1,532.2 | 1,532.9 | 1,540.0 | 1,540.6 | 1,536.1 | 1,531.0 | 1,522.4 | 1,499.0 |
| Employed | 1,438.1 | 1,438.0 | 1,425.0 | 1,443.8 | 1,437.8 | 1,445.2 | 1,453.9 | 1,461.7 | 1,458.2 | 1,450.8 | 1,451.4 | 1,430.8 | 1,400.4 |
| Unemployed | 86.4 | 76.5 | 93.2 | 86.9 | 89.4 | 86.9 | 79.0 | 78.2 | 82.4 | 85.3 | 79.7 | 91.6 | 98.6 |
| Unemployment rate | 5.7 | 5.1 | 6.1 | 5.7 | 5.9 | 5.7 | 5.2 | 5.1 | 5.4 | 5.6 | 5.2 | 6.0 | 6.6 |
| Oregon | | | | | | | | | | | | | |
| Civilian labor force | 1,529.6 | 1,546.8 | 1,543.4 | 1,539.2 | 1,543.4 | 1,549.6 | 1,540.9 | 1,544.0 | 1,536.5 | 1,546.9 | 1,566.1 | 1,581.3 | 1,555.2 |
| Employed | 1,417.0 | 1,433.4 | 1,426.1 | 1,420.4 | 1,426.5 | 1,431.9 | 1,426.4 | 1,431.4 | 1,424.3 | 1,434.8 | 1,451.6 | 1,469.6 | 1,437.7 |
| Unemployed | 112.5 | 113.5 | 117.3 | 118.7 | 116.9 | 117.7 | 114.5 | 112.6 | 112.1 | 112.1 | 114.5 | 111.7 | 117.5 |
| Unemployment rate | 7.4 | 7.3 | 7.6 | 7.7 | 7.6 | 7.6 | 7.4 | 7.3 | 7.3 | 7.2 | 7.3 | 7.1 | 7.6 |
| Pennsylvania¹ | | | | | | | | | | | | | |
| Civilian labor force | 5,959.4 | 5,982.3 | 5,980.7 | 5,976.8 | 6,039.7 | 6,029.3 | 6,048.2 | 6,057.4 | 6,030.6 | 6,023.6 | 6,008.1 | 5,974.7 | 5,947.6 |
| Employed | 5,502.4 | 5,523.3 | 5,526.9 | 5,522.7 | 5,562.4 | 5,573.9 | 5,595.9 | 5,616.2 | 5,588.4 | 5,570.3 | 5,585.6 | 5,564.1 | 5,553.1 |
| Unemployed | 457.0 | 459.0 | 453.8 | 454.1 | 477.3 | 455.4 | 452.3 | 441.2 | 442.2 | 453.3 | 422.5 | 410.6 | 394.4 |
| Unemployment rate | 7.7 | 7.7 | 7.6 | 7.6 | 7.9 | 7.6 | 7.5 | 7.3 | 7.3 | 7.5 | 7.0 | 6.9 | 6.6 |
| Rhode Island | | | | | | | | | | | | | |
| Civilian labor force | 528.8 | 531.9 | 533.7 | 532.9 | 531.3 | 526.6 | 525.0 | 526.6 | 523.4 | 532.4 | 526.3 | 522.9 | 521.9 |
| Employed | 479.2 | 481.0 | 481.1 | 483.3 | 483.2 | 481.0 | 481.1 | 482.8 | 481.7 | 489.7 | 485.8 | 480.5 | 478.2 |
| Unemployed | 49.5 | 50.9 | 52.6 | 49.7 | 48.1 | 45.6 | 43.8 | 43.8 | 41.7 | 42.7 | 40.5 | 42.5 | 43.8 |
| Unemployment rate | 9.4 | 9.6 | 9.9 | 9.3 | 9.1 | 8.7 | 8.3 | 8.3 | 8.0 | 8.0 | 7.7 | 8.1 | 8.4 |

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

| State | 1992 | | | | | | | | | 1993 | | | |
|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. ^P |
| South Carolina | | | | | | | | | | | | | |
| Civilian labor force | 1,762.3 | 1,762.4 | 1,765.3 | 1,784.9 | 1,785.4 | 1,775.4 | 1,776.9 | 1,780.7 | 1,790.7 | 1,784.6 | 1,777.0 | 1,761.0 | 1,763.0 |
| Employed | 1,655.2 | 1,650.7 | 1,654.9 | 1,671.8 | 1,677.8 | 1,667.6 | 1,670.0 | 1,675.1 | 1,688.0 | 1,672.6 | 1,672.9 | 1,652.2 | 1,639.4 |
| Unemployed | 107.1 | 111.7 | 110.4 | 113.2 | 107.6 | 107.8 | 106.9 | 105.6 | 102.8 | 112.0 | 104.1 | 108.8 | 123.5 |
| Unemployment rate | 6.1 | 6.3 | 6.3 | 6.3 | 6.0 | 6.1 | 6.0 | 5.9 | 5.7 | 6.3 | 5.9 | 6.2 | 7.0 |
| South Dakota | | | | | | | | | | | | | |
| Civilian labor force | 358.9 | 361.4 | 360.2 | 358.8 | 359.6 | 359.4 | 360.6 | 365.7 | 364.5 | 366.0 | 365.4 | 365.9 | 364.3 |
| Employed | 347.6 | 348.5 | 348.6 | 348.3 | 349.7 | 349.0 | 350.1 | 355.1 | 353.2 | 352.0 | 351.3 | 353.3 | 352.2 |
| Unemployed | 11.3 | 12.9 | 11.6 | 10.4 | 10.0 | 10.4 | 10.5 | 10.6 | 11.3 | 14.0 | 14.1 | 12.6 | 12.1 |
| Unemployment rate | 3.1 | 3.6 | 3.2 | 2.9 | 2.8 | 2.9 | 2.9 | 2.9 | 3.1 | 3.8 | 3.9 | 3.4 | 3.3 |
| Tennessee | | | | | | | | | | | | | |
| Civilian labor force | 2,408.0 | 2,423.3 | 2,442.8 | 2,446.3 | 2,447.2 | 2,449.3 | 2,464.6 | 2,463.9 | 2,472.8 | 2,455.3 | 2,469.8 | 2,454.3 | 2,430.6 |
| Employed | 2,255.9 | 2,268.9 | 2,286.2 | 2,289.9 | 2,289.3 | 2,293.7 | 2,323.1 | 2,316.7 | 2,323.5 | 2,292.5 | 2,323.1 | 2,302.8 | 2,266.1 |
| Unemployed | 152.1 | 154.4 | 156.6 | 156.4 | 158.0 | 155.7 | 141.5 | 147.2 | 149.3 | 162.8 | 146.7 | 151.5 | 164.5 |
| Unemployment rate | 6.3 | 6.4 | 6.4 | 6.4 | 6.5 | 6.4 | 5.7 | 6.0 | 6.0 | 6.6 | 5.9 | 6.2 | 6.8 |
| Texas¹ | | | | | | | | | | | | | |
| Civilian labor force | 8,727.0 | 8,737.9 | 8,787.2 | 8,732.4 | 8,736.1 | 8,753.4 | 8,756.2 | 8,747.0 | 8,798.4 | 8,762.5 | 8,716.2 | 8,712.9 | 8,716.3 |
| Employed | 8,087.8 | 8,082.0 | 8,092.5 | 8,095.6 | 8,108.3 | 8,082.6 | 8,099.0 | 8,081.5 | 8,124.3 | 8,080.5 | 8,060.3 | 8,124.1 | 8,133.3 |
| Unemployed | 639.2 | 655.9 | 694.7 | 636.8 | 627.8 | 670.8 | 657.2 | 665.5 | 674.1 | 682.0 | 655.8 | 588.9 | 583.0 |
| Unemployment rate | 7.3 | 7.5 | 7.9 | 7.3 | 7.2 | 7.7 | 7.5 | 7.6 | 7.7 | 7.8 | 7.5 | 6.8 | 6.7 |
| Utah | | | | | | | | | | | | | |
| Civilian labor force | 811.7 | 812.1 | 810.7 | 809.5 | 807.2 | 809.1 | 812.1 | 813.9 | 814.9 | 822.5 | 827.5 | 831.1 | 828.9 |
| Employed | 773.7 | 773.8 | 772.5 | 771.5 | 765.9 | 767.7 | 769.4 | 770.9 | 771.4 | 783.1 | 795.4 | 801.3 | 797.8 |
| Unemployed | 38.0 | 38.3 | 38.2 | 38.1 | 41.3 | 41.4 | 42.7 | 43.0 | 43.5 | 39.4 | 32.1 | 29.8 | 31.0 |
| Unemployment rate | 4.7 | 4.7 | 4.7 | 4.7 | 5.1 | 5.1 | 5.3 | 5.3 | 5.3 | 4.8 | 3.9 | 3.6 | 3.7 |
| Vermont | | | | | | | | | | | | | |
| Civilian labor force | 319.0 | 320.2 | 321.3 | 321.9 | 324.1 | 322.5 | 321.8 | 329.1 | 325.0 | 322.3 | 327.2 | 322.9 | 328.4 |
| Employed | 296.8 | 297.9 | 299.4 | 300.3 | 302.8 | 301.3 | 301.7 | 308.5 | 305.4 | 302.2 | 306.0 | 300.5 | 305.8 |
| Unemployed | 22.1 | 22.2 | 21.9 | 21.5 | 21.3 | 21.2 | 20.2 | 20.7 | 19.5 | 20.2 | 21.2 | 22.3 | 22.7 |
| Unemployment rate | 6.9 | 6.9 | 6.8 | 6.7 | 6.6 | 6.6 | 6.3 | 6.3 | 6.0 | 6.3 | 6.5 | 6.9 | 6.9 |
| Virginia | | | | | | | | | | | | | |
| Civilian labor force | 3,382.5 | 3,377.5 | 3,368.2 | 3,357.9 | 3,342.8 | 3,333.4 | 3,330.7 | 3,331.9 | 3,330.8 | 3,348.4 | 3,369.3 | 3,399.2 | 3,422.6 |
| Employed | 3,167.8 | 3,158.7 | 3,156.6 | 3,143.2 | 3,128.1 | 3,121.2 | 3,126.1 | 3,128.7 | 3,133.0 | 3,153.4 | 3,206.1 | 3,234.4 | 3,251.4 |
| Unemployed | 214.8 | 218.8 | 211.6 | 214.7 | 214.7 | 212.2 | 204.6 | 203.2 | 197.8 | 195.0 | 163.2 | 164.7 | 171.2 |
| Unemployment rate | 6.3 | 6.5 | 6.3 | 6.4 | 6.4 | 6.4 | 6.1 | 6.1 | 5.9 | 5.8 | 4.8 | 4.8 | 5.0 |
| Washington | | | | | | | | | | | | | |
| Civilian labor force | 2,602.7 | 2,619.0 | 2,609.6 | 2,639.9 | 2,607.8 | 2,608.6 | 2,603.1 | 2,624.8 | 2,577.7 | 2,620.4 | 2,647.1 | 2,627.6 | 2,628.3 |
| Employed | 2,420.2 | 2,433.4 | 2,419.4 | 2,445.6 | 2,412.1 | 2,411.1 | 2,397.9 | 2,413.5 | 2,376.3 | 2,411.0 | 2,440.8 | 2,429.8 | 2,429.7 |
| Unemployed | 182.6 | 185.7 | 190.2 | 194.3 | 195.6 | 197.5 | 205.2 | 211.3 | 201.4 | 209.4 | 206.3 | 197.8 | 198.6 |
| Unemployment rate | 7.0 | 7.1 | 7.3 | 7.4 | 7.5 | 7.6 | 7.9 | 8.1 | 7.8 | 8.0 | 7.8 | 7.5 | 7.6 |
| West Virginia | | | | | | | | | | | | | |
| Civilian labor force | 764.8 | 768.8 | 761.0 | 767.8 | 758.9 | 760.3 | 759.5 | 760.0 | 762.3 | 771.8 | 777.3 | 773.2 | 777.8 |
| Employed | 677.9 | 682.2 | 675.2 | 681.0 | 675.8 | 675.9 | 676.4 | 680.7 | 682.1 | 689.5 | 694.3 | 686.5 | 684.9 |
| Unemployed | 86.9 | 86.5 | 85.8 | 86.8 | 83.1 | 84.4 | 83.1 | 79.3 | 80.2 | 82.3 | 83.1 | 86.7 | 92.9 |
| Unemployment rate | 11.4 | 11.3 | 11.3 | 11.3 | 11.0 | 11.1 | 10.9 | 10.4 | 10.5 | 10.7 | 10.7 | 11.2 | 11.9 |
| Wisconsin | | | | | | | | | | | | | |
| Civilian labor force | 2,647.9 | 2,669.1 | 2,676.5 | 2,674.0 | 2,675.8 | 2,673.4 | 2,654.8 | 2,678.2 | 2,690.6 | 2,718.6 | 2,717.2 | 2,723.3 | 2,716.4 |
| Employed | 2,524.1 | 2,537.3 | 2,535.6 | 2,525.8 | 2,532.6 | 2,523.8 | 2,521.0 | 2,562.9 | 2,566.4 | 2,595.5 | 2,589.1 | 2,607.9 | 2,588.0 |
| Unemployed | 123.7 | 131.8 | 140.8 | 148.2 | 143.1 | 149.6 | 133.8 | 115.3 | 124.2 | 123.1 | 128.1 | 115.4 | 128.4 |
| Unemployment rate | 4.7 | 4.9 | 5.3 | 5.5 | 5.3 | 5.6 | 5.0 | 4.3 | 4.6 | 4.5 | 4.7 | 4.2 | 4.7 |
| Wyoming | | | | | | | | | | | | | |
| Civilian labor force | 244.0 | 243.6 | 241.4 | 241.1 | 239.5 | 240.5 | 239.9 | 239.2 | 238.1 | 237.8 | 236.9 | 238.4 | 235.9 |
| Employed | 228.2 | 229.1 | 226.8 | 226.6 | 226.0 | 227.4 | 227.6 | 227.6 | 226.6 | 226.0 | 224.9 | 226.1 | 222.9 |
| Unemployed | 15.9 | 14.5 | 14.7 | 14.5 | 13.5 | 13.1 | 12.3 | 11.6 | 11.5 | 11.7 | 12.0 | 12.3 | 12.9 |
| Unemployment rate | 6.5 | 6.0 | 6.1 | 6.0 | 5.6 | 5.4 | 5.1 | 4.9 | 4.8 | 4.9 | 5.1 | 5.2 | 5.5 |

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

NOTE: Data refer to place of residence. State estimates, except those referenced in footnote 1, have been revised to incorporate new benchmark information and updated seasonal adjustment factors.

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

D-3. Labor force status by State and selected metropolitan areas

(Numbers in thousands)

| State and area | Civilian labor force | | | Unemployed | | | | | |
|---|----------------------|-----------|------------------------|------------|-----------|------------------------|------------------------|-----------|------------------------|
| | | | | Number | | | Percent of labor force | | |
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Alabama | 1,926.2 | 1,978.9 | 1,940.5 | 144.4 | 160.8 | 142.1 | 7.5 | 8.1 | 7.3 |
| Birmingham | 445.5 | 455.7 | 448.6 | 27.7 | 30.0 | 27.4 | 6.2 | 6.6 | 6.1 |
| Huntsville | 134.3 | 139.6 | 137.5 | 6.5 | 7.8 | 6.9 | 4.8 | 5.6 | 5.0 |
| Mobile | 223.6 | 232.1 | 227.4 | 18.6 | 20.0 | 18.1 | 8.3 | 8.6 | 7.9 |
| Montgomery | 139.7 | 143.9 | 141.1 | 8.9 | 10.0 | 8.5 | 6.4 | 7.0 | 6.0 |
| Tuscaloosa | 74.3 | 75.2 | 74.2 | 4.6 | 4.4 | 3.9 | 6.2 | 5.9 | 5.3 |
| Alaska | 257.4 | 262.1 | 261.6 | 24.2 | 21.9 | 21.9 | 9.4 | 8.3 | 8.4 |
| Anchorage | 115.1 | 119.4 | 118.7 | 8.6 | 7.5 | 7.7 | 7.5 | 6.3 | 6.5 |
| Arizona | 1,753.2 | 1,736.4 | 1,729.1 | 127.3 | 129.1 | 121.8 | 7.3 | 7.4 | 7.0 |
| Phoenix | 1,071.0 | 1,051.7 | 1,052.6 | 67.1 | 65.4 | 60.5 | 6.3 | 6.2 | 5.7 |
| Tucson | 326.5 | 322.9 | 322.1 | 16.4 | 16.7 | 15.3 | 5.0 | 5.2 | 4.7 |
| Arkansas | 1,168.4 | 1,130.1 | 1,135.8 | 84.9 | 74.1 | 65.3 | 7.3 | 6.6 | 5.7 |
| Fayetteville-Springdale | 67.3 | 67.1 | 68.1 | 2.5 | 2.1 | 1.8 | 3.7 | 3.1 | 2.6 |
| Fort Smith | 93.9 | 92.1 | 91.8 | 6.8 | 6.1 | 5.4 | 7.3 | 6.6 | 5.9 |
| Little Rock-North Little Rock | 277.7 | 269.5 | 270.4 | 17.3 | 13.8 | 12.2 | 6.2 | 5.1 | 4.5 |
| Pine Bluff | 38.0 | 35.9 | 35.7 | 4.2 | 3.4 | 3.0 | 11.0 | 9.4 | 8.4 |
| California ¹ | 14,861.9 | 15,217.0 | 15,201.1 | 1,197.2 | 1,475.6 | 1,284.5 | 8.1 | 9.7 | 8.4 |
| Anaheim-Santa Ana | 1,351.6 | 1,383.9 | 1,376.7 | 77.4 | 86.3 | 75.8 | 5.7 | 6.2 | 5.5 |
| Bakersfield | 253.0 | 266.5 | 267.4 | 35.5 | 44.9 | 35.6 | 14.0 | 16.8 | 13.3 |
| Fresno | 330.5 | 338.2 | 350.2 | 47.6 | 57.9 | 46.1 | 14.4 | 17.1 | 13.2 |
| Los Angeles-Long Beach ¹ | 4,485.0 | 4,542.0 | 4,558.0 | 318.0 | 471.0 | 429.0 | 7.1 | 10.4 | 9.4 |
| Modesto | 172.7 | 178.9 | 177.4 | 29.6 | 32.7 | 29.3 | 17.1 | 18.3 | 16.5 |
| Oakland | 1,090.7 | 1,120.7 | 1,116.4 | 65.8 | 72.7 | 63.5 | 6.0 | 6.5 | 5.7 |
| Oxnard-Ventura | 378.1 | 386.2 | 386.7 | 26.0 | 30.6 | 26.2 | 6.9 | 7.9 | 6.8 |
| Riverside-San Bernardino | 1,112.9 | 1,140.4 | 1,131.2 | 112.6 | 124.6 | 110.6 | 10.1 | 10.9 | 9.8 |
| Sacramento | 766.6 | 787.4 | 782.9 | 59.7 | 64.5 | 55.2 | 7.8 | 8.2 | 7.1 |
| Salinas-Seaside-Monterey | 159.8 | 173.1 | 168.1 | 18.4 | 27.8 | 19.5 | 11.5 | 16.1 | 11.6 |
| San Diego | 1,169.3 | 1,191.9 | 1,191.7 | 80.4 | 91.0 | 81.8 | 6.9 | 7.6 | 6.9 |
| San Francisco | 853.1 | 881.0 | 879.2 | 47.8 | 54.0 | 47.3 | 5.6 | 6.1 | 5.4 |
| San Jose | 805.1 | 827.0 | 817.7 | 52.7 | 56.5 | 49.3 | 6.5 | 6.8 | 6.0 |
| Santa Barbara-Santa Maria-Lompoc | 181.2 | 180.5 | 181.2 | 12.6 | 15.5 | 12.4 | 7.0 | 8.6 | 6.9 |
| Santa Rosa-Petaluma | 213.1 | 220.3 | 219.3 | 15.4 | 15.7 | 13.1 | 7.2 | 7.1 | 6.0 |
| Stockton | 206.3 | 214.8 | 214.1 | 30.0 | 33.7 | 28.6 | 14.5 | 15.7 | 13.3 |
| Vallejo-Fairfield-Napa | 206.4 | 212.4 | 212.2 | 15.6 | 19.3 | 16.7 | 7.6 | 9.1 | 7.9 |
| Colorado | 1,745.5 | 1,775.2 | 1,761.0 | 106.3 | 113.4 | 99.8 | 6.1 | 6.4 | 5.7 |
| Boulder-Longmont | 142.3 | 145.8 | 145.3 | 5.7 | 6.0 | 5.5 | 4.0 | 4.1 | 3.8 |
| Denver | 886.0 | 900.0 | 895.2 | 49.6 | 56.6 | 47.9 | 5.6 | 6.3 | 5.3 |
| Connecticut | 1,773.2 | 1,742.7 | 1,741.4 | 131.3 | 126.1 | 127.1 | 7.4 | 7.2 | 7.3 |
| Bridgeport-Milford | 227.9 | 224.1 | 222.8 | 19.5 | 18.3 | 18.3 | 8.5 | 8.2 | 8.2 |
| Hartford | 427.0 | 416.4 | 413.7 | 30.3 | 30.4 | 30.9 | 7.1 | 7.3 | 7.5 |
| New Britain | 76.2 | 75.5 | 75.5 | 7.3 | 7.0 | 7.0 | 9.5 | 9.3 | 9.2 |
| New Haven-Meriden | 279.2 | 271.2 | 274.0 | 20.8 | 19.0 | 19.3 | 7.4 | 7.0 | 7.1 |
| Stamford | 114.6 | 112.6 | 112.2 | 6.0 | 5.4 | 5.4 | 5.2 | 4.8 | 4.8 |
| Waterbury | 106.0 | 104.8 | 104.8 | 11.0 | 10.4 | 10.6 | 10.4 | 9.9 | 10.1 |
| Delaware | 368.3 | 375.5 | 375.4 | 19.3 | 20.6 | 18.4 | 5.2 | 5.5 | 4.9 |
| Wilmington | 314.8 | 319.6 | 316.8 | 17.7 | 18.2 | 16.4 | 5.6 | 5.7 | 5.2 |
| District of Columbia | 281.6 | 270.4 | 271.0 | 19.7 | 22.5 | 21.4 | 7.0 | 8.3 | 7.9 |
| Washington | 2,265.6 | 2,267.4 | 2,268.0 | 103.0 | 100.4 | 96.6 | 4.5 | 4.4 | 4.3 |
| Florida ¹ | 6,446.3 | 6,636.9 | 6,619.5 | 512.7 | 445.0 | 412.9 | 8.0 | 6.7 | 6.2 |
| Daytona Beach | 163.9 | 169.4 | 168.8 | 12.7 | 11.6 | 10.6 | 7.8 | 6.8 | 6.3 |
| Fort Lauderdale-Hollywood-Pompano Beach | 672.8 | 704.8 | 701.5 | 55.1 | 46.4 | 42.9 | 8.2 | 6.6 | 6.1 |
| Fort Myers-Cape Coral | 155.4 | 162.3 | 161.1 | 11.4 | 9.7 | 8.7 | 7.3 | 6.0 | 5.4 |
| Gainesville | 111.0 | 116.4 | 115.9 | 5.4 | 5.5 | 4.4 | 4.8 | 4.7 | 3.8 |
| Jacksonville | 461.6 | 468.3 | 470.2 | 32.9 | 27.5 | 25.8 | 7.1 | 5.9 | 5.5 |
| Lakeland-Winter Haven | 177.6 | 179.5 | 179.3 | 17.6 | 15.6 | 14.3 | 9.9 | 8.7 | 8.0 |
| Melbourne-Titusville-Palm Bay | 199.0 | 198.8 | 198.9 | 15.8 | 14.7 | 13.8 | 8.0 | 7.4 | 6.9 |
| Miami-Hialeah | 959.9 | 981.3 | 978.3 | 95.8 | 75.6 | 69.4 | 10.0 | 7.7 | 7.1 |
| Orlando | 654.6 | 678.1 | 677.4 | 47.1 | 39.7 | 36.9 | 7.2 | 5.8 | 5.5 |
| Pensacola | 152.3 | 157.1 | 158.0 | 9.3 | 8.0 | 7.8 | 6.1 | 5.1 | 4.9 |
| Sarasota | 128.1 | 131.9 | 131.6 | 7.4 | 6.5 | 6.4 | 5.8 | 5.0 | 4.9 |
| Tallahassee | 140.7 | 145.6 | 145.6 | 6.0 | 5.4 | 5.4 | 4.2 | 3.7 | 3.7 |
| Tampa-St. Petersburg-Clearwater | 1,018.6 | 1,055.2 | 1,051.7 | 71.3 | 66.3 | 62.4 | 7.0 | 6.3 | 5.9 |
| West Palm Beach-Boca Raton-Delray Beach | 436.0 | 447.4 | 440.9 | 40.2 | 34.5 | 32.7 | 9.2 | 7.7 | 7.4 |

See footnotes at end of table.

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

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

(Numbers in thousands)

| State and area | Civilian labor force | | | Unemployed | | | | | |
|------------------------------------|----------------------|-----------|------------------------|------------|-----------|------------------------|------------------------|-----------|------------------------|
| | | | | Number | | | Percent of labor force | | |
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p | Apr. 1992 | Mar. 1993 | Apr. 1993 ^p |
| Georgia | 3,168.7 | 3,257.1 | 3,233.6 | 193.1 | 210.5 | 182.3 | 6.1 | 6.5 | 5.6 |
| Albany | 53.2 | 54.9 | 53.7 | 4.0 | 4.4 | 3.9 | 7.6 | 8.1 | 7.3 |
| Athens | 75.8 | 77.4 | 76.8 | 3.7 | 3.9 | 3.3 | 4.9 | 5.0 | 4.4 |
| Atlanta | 1,497.9 | 1,562.6 | 1,564.8 | 85.5 | 90.6 | 81.5 | 5.7 | 5.8 | 5.2 |
| Augusta | 198.0 | 199.0 | 198.1 | 11.1 | 11.8 | 11.8 | 5.6 | 5.9 | 5.9 |
| Columbus | 98.4 | 101.3 | 100.0 | 6.2 | 6.9 | 6.1 | 6.3 | 6.8 | 6.1 |
| Macon-Warner Robins | 130.1 | 132.6 | 130.9 | 7.0 | 7.9 | 7.4 | 5.4 | 6.0 | 5.6 |
| Savannah | 116.2 | 122.2 | 121.7 | 7.0 | 7.1 | 6.3 | 6.1 | 5.8 | 5.2 |
| Hawaii | 567.2 | 572.6 | 576.1 | 21.4 | 26.9 | 26.4 | 3.8 | 4.7 | 4.6 |
| Honolulu | 405.1 | 408.1 | 410.9 | 11.9 | 14.1 | 13.6 | 2.9 | 3.5 | 3.3 |
| Idaho | 514.0 | 509.4 | 506.4 | 36.5 | 42.9 | 39.2 | 7.1 | 8.4 | 7.8 |
| Boise City | 125.1 | 127.5 | 125.8 | 5.0 | 6.2 | 5.4 | 4.0 | 4.8 | 4.3 |
| Illinois ¹ | 6,023.4 | 6,038.0 | 5,994.6 | 474.7 | 521.8 | 484.9 | 7.9 | 8.6 | 8.1 |
| Aurora-Elgin | 196.9 | 197.3 | 196.1 | 16.4 | 17.9 | 16.0 | 8.3 | 9.1 | 8.2 |
| Bloomington-Normal | 80.9 | 82.7 | 82.1 | 3.9 | 4.6 | 4.4 | 4.8 | 5.6 | 5.4 |
| Champaign-Urbana-Rantoul | 94.9 | 95.5 | 96.0 | 4.4 | 5.5 | 5.1 | 4.6 | 5.8 | 5.3 |
| Chicago | 3,208.7 | 3,206.6 | 3,191.1 | 248.8 | 268.1 | 254.7 | 7.8 | 8.4 | 8.0 |
| Davenport-Rock Island-Moline | 186.8 | 186.1 | 185.2 | 14.8 | 13.6 | 12.5 | 7.9 | 7.3 | 6.7 |
| Decatur | 62.3 | 62.8 | 62.3 | 5.9 | 6.5 | 6.1 | 9.4 | 10.4 | 9.8 |
| Joliet | 228.3 | 230.2 | 226.9 | 19.4 | 20.7 | 18.5 | 8.5 | 9.0 | 8.2 |
| Kankakee | 50.6 | 50.3 | 49.8 | 4.7 | 5.0 | 4.6 | 9.3 | 10.0 | 9.2 |
| Lake County | 324.8 | 324.9 | 324.6 | 16.2 | 19.5 | 16.9 | 5.0 | 6.0 | 5.2 |
| Peoria | 170.3 | 170.0 | 168.3 | 13.4 | 14.4 | 13.1 | 7.9 | 8.5 | 7.8 |
| Rockford | 158.1 | 159.7 | 158.3 | 14.5 | 16.5 | 14.9 | 9.2 | 10.3 | 9.4 |
| Springfield | 117.2 | 118.1 | 117.4 | 6.4 | 7.3 | 6.4 | 5.4 | 6.2 | 5.4 |
| Indiana | 2,835.3 | 2,841.5 | 2,887.9 | 179.2 | 156.1 | 161.7 | 6.3 | 5.5 | 5.6 |
| Anderson | 57.4 | 56.1 | 57.3 | 4.3 | 3.9 | 3.9 | 7.5 | 6.9 | 6.8 |
| Bloomington | 62.4 | 62.9 | 64.0 | 2.4 | 2.2 | 2.5 | 3.9 | 3.5 | 3.9 |
| Elkhart-Goshen | 89.8 | 90.5 | 90.7 | 4.7 | 3.9 | 4.0 | 5.2 | 4.3 | 4.4 |
| Evansville | 143.4 | 146.3 | 147.0 | 9.2 | 8.4 | 8.8 | 6.4 | 5.7 | 6.0 |
| Fort Wayne | 199.7 | 197.8 | 199.1 | 11.8 | 9.9 | 10.0 | 5.9 | 5.0 | 5.0 |
| Gary-Hammond | 261.7 | 258.2 | 261.8 | 21.9 | 17.8 | 19.8 | 8.3 | 6.9 | 7.6 |
| Indianapolis | 681.3 | 690.8 | 696.6 | 33.5 | 29.9 | 31.4 | 4.9 | 4.3 | 4.5 |
| Kokomo | 47.1 | 46.8 | 47.8 | 3.1 | 2.8 | 2.6 | 6.6 | 5.9 | 5.4 |
| Lafayette-West Lafayette | 69.6 | 70.0 | 70.9 | 2.7 | 2.3 | 2.4 | 3.9 | 3.4 | 3.4 |
| Muncie | 62.5 | 61.2 | 61.6 | 4.1 | 3.7 | 3.7 | 6.5 | 6.0 | 6.1 |
| South Bend-Mishawaka | 127.7 | 127.6 | 128.8 | 8.2 | 7.1 | 7.1 | 6.4 | 5.6 | 5.5 |
| Terre Haute | 62.8 | 62.9 | 63.2 | 4.1 | 3.9 | 3.9 | 6.5 | 6.2 | 6.2 |
| Iowa | 1,534.2 | 1,572.6 | 1,566.4 | 74.2 | 78.9 | 66.7 | 4.8 | 5.0 | 4.3 |
| Cedar Rapids | 98.8 | 99.9 | 98.8 | 5.3 | 4.8 | 4.2 | 5.3 | 4.8 | 4.2 |
| Des Moines | 244.5 | 255.7 | 253.0 | 10.1 | 10.3 | 9.2 | 4.1 | 4.0 | 3.6 |
| Dubuque | 46.2 | 48.0 | 47.2 | 2.6 | 2.7 | 2.3 | 5.7 | 5.7 | 4.9 |
| Iowa City | 64.0 | 66.2 | 65.8 | 1.3 | 1.3 | 1.1 | 2.0 | 1.9 | 1.7 |
| Sioux City | 63.0 | 64.8 | 64.2 | 2.8 | 2.4 | 2.0 | 4.5 | 3.7 | 3.2 |
| Waterloo-Cedar Falls | 76.1 | 78.9 | 78.3 | 4.4 | 4.8 | 4.4 | 5.8 | 6.1 | 5.6 |
| Kansas | 1,335.7 | 1,331.9 | 1,337.5 | 52.7 | 66.0 | 65.0 | 3.9 | 5.0 | 4.9 |
| Lawrence | 48.5 | 48.2 | 48.4 | 1.4 | 1.8 | 1.7 | 2.8 | 3.7 | 3.6 |
| Topeka | 95.3 | 94.8 | 95.3 | 3.9 | 4.6 | 4.5 | 4.1 | 4.8 | 4.7 |
| Wichita | 266.1 | 264.6 | 261.9 | 10.8 | 14.0 | 13.8 | 4.1 | 5.3 | 5.2 |
| Kentucky | 1,722.2 | 1,743.0 | 1,760.7 | 108.0 | 120.3 | 114.8 | 6.3 | 6.9 | 6.5 |
| Lexington-Fayette | 193.9 | 198.3 | 201.9 | 7.3 | 8.9 | 8.1 | 3.8 | 4.5 | 4.0 |
| Louisville | 508.0 | 513.3 | 520.1 | 25.8 | 26.8 | 26.2 | 5.1 | 5.2 | 5.0 |
| Owensboro | 44.1 | 44.6 | 45.0 | 3.0 | 3.1 | 3.0 | 6.7 | 7.0 | 6.7 |
| Louisiana | 1,978.0 | 1,867.5 | 1,869.7 | 162.2 | 132.9 | 124.5 | 8.2 | 7.1 | 6.7 |
| Alexandria | 60.2 | 56.9 | 56.9 | 4.5 | 3.6 | 3.3 | 7.4 | 6.3 | 5.7 |
| Baton Rouge | 288.5 | 276.0 | 276.2 | 17.6 | 16.2 | 15.6 | 6.1 | 5.9 | 5.7 |
| Houma-Thibodaux | 72.8 | 65.9 | 66.7 | 7.3 | 5.2 | 4.7 | 10.0 | 7.8 | 7.1 |
| Lafayette | 111.6 | 103.4 | 103.9 | 8.5 | 6.0 | 5.3 | 7.6 | 5.8 | 5.1 |
| Lake Charles | 86.0 | 80.1 | 80.1 | 8.1 | 6.9 | 6.1 | 9.4 | 8.6 | 7.6 |
| Monroe | 71.9 | 67.7 | 67.6 | 5.0 | 4.3 | 4.1 | 6.9 | 6.4 | 6.0 |
| New Orleans | 591.4 | 555.8 | 557.1 | 41.4 | 34.9 | 34.0 | 7.0 | 6.3 | 6.1 |
| Shreveport | 160.0 | 154.0 | 152.9 | 11.5 | 9.3 | 9.2 | 7.2 | 6.0 | 6.0 |
| Maine | 654.1 | 650.7 | 645.4 | 52.4 | 62.8 | 56.5 | 8.0 | 9.7 | 8.8 |
| Lewiston-Auburn | 43.8 | 44.9 | 44.1 | 4.4 | 5.2 | 4.6 | 10.1 | 11.6 | 10.5 |
| Portland | 136.3 | 138.3 | 135.4 | 7.4 | 8.3 | 7.6 | 5.4 | 6.1 | 5.6 |

See footnotes at end of table.

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

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

(Numbers in thousands)

| State and area | Civilian labor force | | | Unemployed | | | | | |
|---|----------------------|-----------|------------------------|------------|-----------|------------------------|------------------------|-----------|------------------------|
| | | | | Number | | | Percent of labor force | | |
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Maryland | 2,607.0 | 2,604.1 | 2,585.8 | 162.7 | 162.6 | 159.8 | 6.2 | 6.2 | 6.2 |
| Baltimore | 1,230.0 | 1,223.5 | 1,215.9 | 85.9 | 86.6 | 86.5 | 7.0 | 7.1 | 7.1 |
| Massachusetts ¹ | 3,088.6 | 3,171.3 | 3,100.7 | 266.0 | 241.6 | 203.8 | 8.6 | 7.6 | 6.6 |
| Boston | 1,518.1 | 1,559.8 | 1,527.8 | 113.9 | 100.1 | 86.8 | 7.5 | 6.4 | 5.7 |
| Brockton | 94.5 | 96.9 | 94.4 | 9.8 | 8.7 | 7.3 | 10.4 | 9.0 | 7.7 |
| Fall River | 74.2 | 77.4 | 75.1 | 9.3 | 9.3 | 7.6 | 12.5 | 12.0 | 10.1 |
| Fitchburg-Leominster | 46.3 | 47.2 | 46.2 | 4.7 | 3.9 | 3.4 | 10.2 | 8.3 | 7.4 |
| Lawrence-Haverhill | 188.4 | 196.0 | 193.0 | 17.8 | 18.4 | 16.5 | 9.5 | 9.4 | 8.5 |
| Lowell | 147.6 | 149.1 | 144.5 | 14.3 | 13.0 | 11.2 | 9.7 | 8.7 | 7.8 |
| New Bedford | 83.7 | 87.4 | 84.1 | 10.0 | 10.1 | 7.9 | 11.9 | 11.6 | 9.4 |
| Pittsfield | 39.3 | 41.3 | 40.7 | 4.2 | 3.8 | 3.2 | 10.8 | 9.1 | 7.8 |
| Springfield | 251.9 | 256.2 | 250.2 | 22.9 | 22.6 | 19.3 | 9.1 | 8.8 | 7.7 |
| Worcester | 222.1 | 225.8 | 221.3 | 19.4 | 16.4 | 14.0 | 8.8 | 7.3 | 6.3 |
| Michigan ¹ | 4,491.7 | 4,528.6 | 4,545.7 | 422.3 | 323.7 | 310.2 | 9.4 | 7.1 | 6.8 |
| Ann Arbor | 161.3 | 161.3 | 163.4 | 8.4 | 6.8 | 6.1 | 5.2 | 4.2 | 3.8 |
| Battle Creek | 62.7 | 64.1 | 64.3 | 5.0 | 4.0 | 3.8 | 7.9 | 6.2 | 5.9 |
| Benton Harbor | 77.2 | 77.1 | 78.0 | 7.6 | 6.0 | 5.7 | 9.8 | 7.7 | 7.3 |
| Detroit | 2,085.5 | 2,114.2 | 2,115.6 | 190.4 | 147.2 | 142.7 | 9.1 | 7.0 | 6.7 |
| Flint | 180.1 | 178.1 | 178.6 | 22.6 | 17.2 | 16.7 | 12.5 | 9.7 | 9.3 |
| Grand Rapids | 379.3 | 387.8 | 389.3 | 28.7 | 20.2 | 19.3 | 7.6 | 5.2 | 5.0 |
| Jackson | 64.0 | 64.2 | 64.3 | 6.8 | 5.4 | 5.2 | 10.7 | 8.4 | 8.1 |
| Kalamazoo | 118.8 | 121.4 | 122.0 | 7.2 | 5.2 | 4.9 | 6.0 | 4.3 | 4.0 |
| Lansing-East Lansing | 236.1 | 237.8 | 237.7 | 14.6 | 11.5 | 11.0 | 6.2 | 4.8 | 4.6 |
| Muskegon | 66.0 | 64.4 | 64.9 | 8.4 | 6.5 | 6.3 | 12.7 | 10.0 | 9.7 |
| Saginaw-Bay City-Midland | 186.1 | 183.6 | 184.8 | 16.8 | 13.1 | 12.7 | 9.0 | 7.1 | 6.9 |
| Minnesota | 2,402.7 | 2,468.3 | 2,472.6 | 121.4 | 143.0 | 140.2 | 5.1 | 5.8 | 5.7 |
| Duluth | 115.0 | 116.6 | 116.9 | 8.3 | 9.1 | 9.9 | 7.2 | 7.8 | 8.4 |
| Minneapolis-St. Paul | 1,403.9 | 1,450.9 | 1,440.9 | 61.2 | 68.7 | 68.0 | 4.4 | 4.7 | 4.7 |
| Rochester | 65.1 | 66.7 | 66.5 | 2.1 | 2.4 | 2.5 | 3.2 | 3.6 | 3.7 |
| St. Cloud | 105.9 | 111.3 | 111.1 | 6.1 | 7.4 | 6.7 | 5.8 | 6.7 | 6.0 |
| Mississippi | 1,160.5 | 1,183.0 | 1,178.9 | 86.6 | 82.1 | 78.1 | 7.5 | 6.9 | 6.6 |
| Jackson | 196.6 | 200.8 | 200.4 | 10.1 | 10.5 | 10.4 | 5.1 | 5.2 | 5.2 |
| Missouri | 2,726.2 | 2,620.4 | 2,623.8 | 134.0 | 176.3 | 157.5 | 4.9 | 6.7 | 6.0 |
| Kansas City | 874.2 | 862.9 | 861.0 | 39.6 | 47.0 | 44.7 | 4.5 | 5.4 | 5.2 |
| St. Louis LMA | 1,278.7 | 1,243.1 | 1,239.8 | 71.2 | 84.6 | 78.7 | 5.6 | 6.8 | 6.4 |
| Springfield | 139.6 | 136.5 | 136.0 | 5.0 | 7.5 | 6.7 | 3.6 | 5.5 | 4.9 |
| Montana | 413.1 | 404.4 | 402.3 | 25.9 | 29.5 | 24.2 | 6.3 | 7.3 | 6.0 |
| Nebraska | 853.8 | 858.2 | 865.6 | 23.7 | 27.7 | 23.3 | 2.8 | 3.2 | 2.7 |
| Lincoln | 133.9 | 133.7 | 134.2 | 3.5 | 3.0 | 2.8 | 2.6 | 2.2 | 2.1 |
| Omaha | 344.5 | 348.1 | 347.8 | 11.8 | 12.7 | 10.9 | 3.4 | 3.7 | 3.1 |
| Nevada | 663.8 | 674.2 | 681.6 | 42.0 | 49.6 | 46.9 | 6.3 | 7.4 | 6.9 |
| Las Vegas | 416.0 | 426.1 | 431.5 | 26.8 | 30.2 | 29.6 | 6.4 | 7.1 | 6.9 |
| Reno | 140.8 | 141.2 | 142.2 | 8.5 | 10.3 | 9.1 | 6.0 | 7.3 | 6.4 |
| New Hampshire | 629.0 | 645.3 | 637.2 | 48.1 | 56.6 | 50.2 | 7.6 | 8.8 | 7.9 |
| Manchester | 87.9 | 86.2 | 86.1 | 6.9 | 7.0 | 6.5 | 7.8 | 8.1 | 7.6 |
| Nashua | 100.0 | 102.3 | 102.5 | 7.3 | 9.7 | 8.8 | 7.3 | 9.5 | 8.6 |
| Portsmouth-Dover-Rochester | 139.4 | 139.1 | 137.6 | 8.1 | 9.5 | 7.9 | 5.8 | 6.8 | 5.7 |
| New Jersey ¹ | 4,005.2 | 3,942.0 | 3,913.5 | 299.2 | 336.2 | 338.9 | 7.5 | 8.5 | 8.7 |
| Atlantic City | 180.2 | 180.5 | 180.5 | 17.4 | 21.7 | 20.7 | 9.7 | 12.0 | 11.5 |
| Bergen-Passaic | 678.3 | 664.7 | 660.1 | 49.4 | 55.5 | 56.6 | 7.3 | 8.4 | 8.6 |
| Jersey City | 267.3 | 261.5 | 257.3 | 28.6 | 30.8 | 31.8 | 10.7 | 11.8 | 12.3 |
| Middlesex-Somerset-Hunterdon | 595.2 | 582.9 | 578.9 | 35.2 | 39.7 | 39.1 | 5.9 | 6.8 | 6.8 |
| Monmouth-Ocean | 483.9 | 474.5 | 470.9 | 34.6 | 36.5 | 36.4 | 7.1 | 7.7 | 7.7 |
| Newark | 924.5 | 916.2 | 909.7 | 71.7 | 81.0 | 82.5 | 7.8 | 8.8 | 9.1 |
| Trenton | 177.0 | 173.8 | 171.4 | 9.8 | 11.3 | 11.3 | 5.6 | 6.5 | 6.6 |
| Vineland-Millville-Bridgeton | 61.9 | 61.3 | 60.7 | 7.1 | 8.2 | 8.0 | 11.5 | 13.4 | 13.3 |
| New Mexico | 718.2 | 729.1 | 730.3 | 50.1 | 54.4 | 52.9 | 7.0 | 7.5 | 7.3 |
| Albuquerque | 272.2 | 275.2 | 275.5 | 12.7 | 13.8 | 14.0 | 4.7 | 5.0 | 5.1 |
| Las Cruces | 60.4 | 58.8 | 58.7 | 4.6 | 5.2 | 5.3 | 7.6 | 8.8 | 9.1 |
| Santa Fe | 73.5 | 75.6 | 75.6 | 2.6 | 2.9 | 2.9 | 3.5 | 3.9 | 3.8 |

See footnotes at end of table.

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

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

(Numbers in thousands)

| State and area | Civilian labor force | | | Unemployed | | | | | |
|---|----------------------|-----------|------------------------|------------|-----------|------------------------|------------------------|-----------|------------------------|
| | | | | Number | | | Percent of labor force | | |
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| New York¹ | 8,468.7 | 8,542.2 | 8,509.7 | 653.7 | 651.4 | 599.3 | 7.7 | 7.6 | 7.0 |
| Albany-Schenectady-Troy | 432.2 | 444.0 | 445.2 | 25.0 | 23.4 | 19.7 | 5.8 | 5.3 | 4.4 |
| Binghamton | 120.4 | 122.1 | 121.9 | 7.7 | 8.5 | 7.1 | 6.4 | 7.0 | 5.8 |
| Buffalo | 454.1 | 462.9 | 461.8 | 32.2 | 30.6 | 26.6 | 7.1 | 6.6 | 5.8 |
| Elmira | 42.3 | 42.5 | 42.7 | 2.8 | 2.6 | 2.1 | 6.6 | 6.1 | 5.0 |
| Glens Falls | 53.3 | 52.9 | 53.2 | 5.6 | 5.1 | 4.3 | 10.5 | 9.7 | 8.1 |
| Nassau-Suffolk | 1,341.0 | 1,353.0 | 1,358.2 | 85.9 | 82.1 | 69.6 | 6.4 | 6.1 | 5.1 |
| New York | 3,924.8 | 3,950.2 | 3,899.7 | 346.9 | 353.5 | 345.8 | 8.8 | 8.9 | 8.9 |
| New York City ¹ | 3,284.0 | 3,306.0 | 3,254.0 | 312.0 | 319.0 | 317.0 | 9.5 | 9.8 | 9.8 |
| Orange County | 138.0 | 139.4 | 140.4 | 8.8 | 9.0 | 7.7 | 6.4 | 6.5 | 5.5 |
| Poughkeepsie | 119.8 | 117.9 | 118.6 | 6.7 | 7.5 | 7.3 | 5.6 | 6.4 | 6.1 |
| Rochester | 508.9 | 516.4 | 520.9 | 25.2 | 25.7 | 21.9 | 5.0 | 5.0 | 4.2 |
| Syracuse | 318.5 | 324.8 | 325.4 | 20.8 | 20.8 | 17.5 | 6.5 | 6.4 | 5.4 |
| Utica-Rome | 135.2 | 137.5 | 137.9 | 10.1 | 10.0 | 8.2 | 7.5 | 7.2 | 5.9 |
| North Carolina¹ | 3,407.1 | 3,457.4 | 3,457.7 | 181.3 | 189.7 | 182.7 | 5.3 | 5.5 | 5.3 |
| Asheville | 94.0 | 95.5 | 96.4 | 4.6 | 4.3 | 4.3 | 4.9 | 4.5 | 4.4 |
| Charlotte-Gastonia-Rock Hill | 646.9 | 656.8 | 654.2 | 31.9 | 33.8 | 31.5 | 4.9 | 5.1 | 4.8 |
| Greensboro-Winston-Salem-High Point | 524.5 | 535.9 | 534.2 | 24.7 | 23.9 | 23.6 | 4.7 | 4.5 | 4.4 |
| Raleigh-Durham | 439.9 | 455.8 | 453.9 | 15.3 | 17.4 | 16.1 | 3.5 | 3.8 | 3.5 |
| North Dakota | 316.0 | 309.4 | 319.7 | 14.3 | 17.1 | 15.3 | 4.5 | 5.5 | 4.8 |
| Bismarck | 46.5 | 46.4 | 47.6 | 1.9 | 2.5 | 2.1 | 4.2 | 5.4 | 4.4 |
| Fargo-Moorhead | 92.0 | 89.6 | 91.3 | 3.0 | 3.6 | 3.4 | 3.2 | 4.2 | 3.8 |
| Grand Forks | 34.9 | 34.7 | 35.8 | 1.3 | 1.4 | 1.4 | 3.7 | 4.1 | 3.8 |
| Ohio¹ | 5,421.9 | 5,438.1 | 5,416.0 | 381.9 | 397.9 | 353.3 | 7.0 | 7.3 | 6.5 |
| Akron | 335.6 | 340.2 | 339.2 | 23.2 | 24.0 | 21.1 | 6.9 | 7.1 | 6.2 |
| Canton | 196.6 | 194.5 | 194.2 | 15.3 | 15.3 | 13.3 | 7.8 | 7.8 | 6.8 |
| Cincinnati | 784.5 | 786.4 | 791.2 | 40.4 | 43.3 | 40.5 | 5.2 | 5.5 | 5.1 |
| Cleveland | 937.7 | 936.9 | 931.8 | 59.1 | 65.5 | 58.5 | 6.3 | 7.0 | 6.3 |
| Columbus | 749.2 | 754.0 | 751.6 | 38.2 | 41.4 | 37.9 | 5.1 | 5.5 | 5.0 |
| Dayton-Springfield | 473.1 | 470.9 | 467.4 | 29.2 | 28.9 | 26.0 | 6.2 | 6.1 | 5.6 |
| Toledo | 310.8 | 307.0 | 307.0 | 25.3 | 21.8 | 20.2 | 8.1 | 7.1 | 6.6 |
| Youngstown-Warren | 223.3 | 221.8 | 220.4 | 20.9 | 20.8 | 16.9 | 9.3 | 9.4 | 6.6 |
| Oklahoma | 1,521.0 | 1,515.0 | 1,495.7 | 83.4 | 94.2 | 95.3 | 5.5 | 6.2 | 6.4 |
| Enid | 27.5 | 28.1 | 27.6 | 1.1 | 1.3 | 1.3 | 4.1 | 4.5 | 4.8 |
| Lawton | 48.8 | 50.7 | 50.1 | 2.6 | 3.0 | 3.1 | 5.3 | 5.9 | 6.1 |
| Oklahoma City | 488.6 | 498.0 | 492.5 | 22.4 | 24.8 | 25.8 | 4.6 | 5.0 | 5.2 |
| Tulsa | 341.8 | 349.4 | 343.3 | 19.4 | 23.7 | 23.7 | 5.7 | 6.8 | 6.9 |
| Oregon | 1,520.5 | 1,553.9 | 1,545.9 | 113.8 | 119.3 | 118.8 | 7.5 | 7.7 | 7.7 |
| Eugene-Springfield | 148.0 | 152.1 | 151.8 | 11.2 | 12.1 | 12.1 | 7.8 | 7.9 | 8.0 |
| Medford | 75.4 | 78.7 | 77.7 | 5.9 | 7.1 | 6.9 | 7.8 | 9.1 | 8.8 |
| Portland | 710.2 | 724.9 | 720.7 | 44.5 | 44.0 | 44.6 | 8.3 | 8.1 | 6.2 |
| Salem | 143.3 | 147.7 | 147.1 | 10.1 | 11.0 | 11.3 | 7.0 | 7.5 | 7.7 |
| Pennsylvania¹ | 5,914.8 | 5,901.1 | 5,901.6 | 466.8 | 422.7 | 406.0 | 7.9 | 7.2 | 6.9 |
| Allentown-Bethlehem-Easton | 341.4 | 336.5 | 337.9 | 27.4 | 23.7 | 23.2 | 8.0 | 7.1 | 6.9 |
| Altoona | 62.9 | 62.8 | 62.6 | 8.3 | 4.7 | 4.4 | 10.0 | 7.5 | 7.1 |
| Beaver County | 62.3 | 62.1 | 61.7 | 6.4 | 6.3 | 6.0 | 10.3 | 10.1 | 9.8 |
| Erie | 139.2 | 140.9 | 141.8 | 11.3 | 9.9 | 9.1 | 8.1 | 7.0 | 6.4 |
| Harrisburg-Lebanon-Carlisle | 337.7 | 336.7 | 336.8 | 18.9 | 17.2 | 16.3 | 5.8 | 5.1 | 4.8 |
| Johnstown | 99.6 | 102.5 | 101.6 | 11.2 | 11.7 | 10.9 | 11.3 | 11.4 | 10.7 |
| Lancaster | 232.0 | 232.3 | 233.8 | 12.5 | 11.9 | 10.9 | 5.4 | 5.1 | 4.7 |
| Philadelphia | 2,413.2 | 2,384.4 | 2,377.4 | 178.9 | 167.1 | 167.6 | 7.4 | 7.0 | 7.1 |
| Pittsburgh | 1,017.2 | 1,020.0 | 1,017.5 | 71.4 | 68.9 | 65.7 | 7.0 | 6.8 | 6.5 |
| Reading | 179.4 | 178.3 | 178.5 | 13.9 | 11.7 | 11.5 | 7.8 | 6.5 | 6.5 |
| Scranton-Wilkes-Barre | 370.5 | 370.7 | 371.6 | 37.8 | 32.9 | 32.7 | 10.2 | 8.9 | 8.8 |
| Sharon | 54.1 | 52.2 | 52.8 | 4.3 | 5.8 | 5.9 | 7.9 | 11.2 | 11.2 |
| State College | 69.3 | 70.3 | 70.7 | 4.1 | 4.2 | 3.7 | 5.9 | 5.9 | 5.2 |
| Williamsport | 60.5 | 60.2 | 60.6 | 5.3 | 5.0 | 4.7 | 8.7 | 8.3 | 7.7 |
| York | 229.1 | 231.8 | 232.7 | 17.1 | 13.9 | 12.9 | 7.5 | 6.0 | 5.5 |
| Rhode Island | 527.6 | 519.9 | 521.0 | 51.0 | 44.7 | 45.2 | 9.7 | 8.6 | 8.7 |
| Pawtucket-Woonsocket-Attleboro | 168.6 | 169.4 | 168.7 | 16.3 | 14.2 | 13.6 | 9.8 | 8.4 | 8.1 |
| Providence | 350.2 | 346.2 | 346.0 | 34.1 | 29.4 | 29.6 | 9.7 | 8.5 | 8.6 |
| South Carolina | 1,762.8 | 1,748.4 | 1,764.3 | 101.0 | 112.4 | 117.3 | 5.7 | 6.4 | 6.8 |
| Charleston | 242.8 | 238.5 | 241.8 | 13.1 | 13.7 | 14.4 | 5.4 | 5.8 | 6.0 |
| Columbia | 247.1 | 245.9 | 248.8 | 10.5 | 12.5 | 13.2 | 4.3 | 5.1 | 5.3 |
| Greenville-Spartanburg | 345.3 | 343.2 | 346.2 | 16.1 | 16.1 | 18.9 | 4.7 | 4.7 | 4.9 |
| South Dakota | 357.8 | 359.8 | 363.1 | 10.9 | 14.4 | 11.8 | 3.1 | 4.0 | 3.2 |
| Rapid City | 40.5 | 39.9 | 40.4 | 1.5 | 1.6 | 1.5 | 3.7 | 4.1 | 3.8 |
| Sioux Falls | 78.5 | 78.3 | 78.9 | 1.7 | 2.2 | 2.0 | 2.2 | 2.8 | 2.8 |

See footnotes at end of table.

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

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

(Numbers in thousands)

| State and area | Civilian labor force | | | Unemployed | | | | | |
|---|----------------------|-----------|------------------------|------------|-----------|------------------------|------------------------|-----------|------------------------|
| | | | | Number | | | Percent of labor force | | |
| | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P | Apr. 1992 | Mar. 1993 | Apr. 1993 ^P |
| Tennessee | 2,383.4 | 2,427.6 | 2,404.6 | 144.2 | 154.6 | 156.0 | 6.0 | 6.4 | 6.5 |
| Chattanooga | 208.8 | 212.2 | 210.7 | 11.8 | 12.0 | 11.7 | 5.7 | 5.6 | 5.6 |
| Johnson City-Kingsport-Bristol | 224.5 | 225.0 | 223.7 | 12.4 | 13.0 | 12.7 | 5.5 | 5.8 | 5.7 |
| Knoxville | 300.8 | 302.3 | 299.7 | 17.1 | 19.5 | 18.0 | 5.7 | 6.4 | 6.0 |
| Memphis | 465.2 | 469.6 | 465.3 | 25.2 | 26.3 | 27.5 | 5.4 | 5.6 | 5.9 |
| Nashville | 527.6 | 538.8 | 532.6 | 25.3 | 24.6 | 24.9 | 4.8 | 4.6 | 4.7 |
| Texas¹ | 8,734.8 | 8,677.3 | 8,730.2 | 648.0 | 579.8 | 592.4 | 7.4 | 6.7 | 6.8 |
| Abilene | 51.8 | 52.2 | 52.1 | 3.1 | 3.2 | 3.0 | 5.9 | 6.1 | 5.7 |
| Amarillo | 98.8 | 97.7 | 98.3 | 5.6 | 4.8 | 4.6 | 5.6 | 4.9 | 4.7 |
| Austin | 472.0 | 475.9 | 478.8 | 22.7 | 20.5 | 19.7 | 4.8 | 4.3 | 4.1 |
| Beaumont-Port Arthur | 175.9 | 176.2 | 177.4 | 15.0 | 18.0 | 18.2 | 8.5 | 10.2 | 10.2 |
| Brazoria | 91.5 | 89.5 | 90.1 | 7.1 | 6.6 | 7.0 | 7.8 | 7.4 | 7.8 |
| Brownsville-Harlingen | 112.0 | 111.7 | 112.8 | 13.9 | 11.7 | 11.7 | 12.4 | 10.4 | 10.4 |
| Bryan-College Station | 66.2 | 68.0 | 69.0 | 2.3 | 2.2 | 2.3 | 3.5 | 3.2 | 3.3 |
| Corpus Christi | 169.6 | 167.1 | 168.0 | 16.7 | 13.5 | 13.7 | 9.8 | 8.1 | 8.1 |
| Dallas | 1,470.3 | 1,454.2 | 1,462.0 | 103.2 | 85.2 | 86.6 | 7.0 | 5.9 | 5.9 |
| El Paso | 259.7 | 257.7 | 260.1 | 27.4 | 23.6 | 24.7 | 10.6 | 9.2 | 9.5 |
| Fort Worth-Arlington | 748.0 | 738.2 | 752.3 | 56.4 | 43.8 | 53.8 | 7.5 | 5.9 | 7.1 |
| Galveston-Texas City | 116.4 | 119.1 | 120.4 | 9.9 | 8.8 | 9.1 | 8.5 | 7.4 | 7.6 |
| Houston | 1,777.3 | 1,755.7 | 1,761.9 | 123.2 | 119.6 | 124.1 | 6.9 | 6.8 | 7.0 |
| Killeen-Temple | 101.2 | 104.6 | 105.1 | 7.5 | 6.7 | 6.7 | 7.4 | 6.4 | 6.4 |
| Laredo | 57.2 | 58.4 | 58.5 | 5.1 | 4.8 | 4.8 | 8.9 | 8.2 | 8.3 |
| Longview-Marshall | 82.1 | 79.7 | 80.3 | 7.6 | 7.1 | 7.2 | 9.2 | 8.9 | 9.0 |
| Lubbock | 116.7 | 115.7 | 115.0 | 7.3 | 7.6 | 6.0 | 6.3 | 6.5 | 5.2 |
| McAllen-Edinburg-Mission | 166.8 | 164.7 | 166.6 | 26.9 | 24.1 | 23.4 | 16.1 | 14.6 | 14.0 |
| Midland | 49.7 | 48.2 | 48.4 | 3.6 | 3.4 | 3.4 | 7.3 | 7.0 | 6.9 |
| Odessa | 55.1 | 52.9 | 53.3 | 5.5 | 4.9 | 5.1 | 9.9 | 9.3 | 9.5 |
| San Angelo | 45.7 | 45.8 | 45.9 | 2.6 | 2.5 | 2.5 | 5.7 | 5.4 | 5.5 |
| San Antonio | 627.5 | 632.0 | 636.0 | 40.2 | 33.6 | 34.3 | 6.4 | 5.3 | 5.4 |
| Sherman-Denison | 46.6 | 45.8 | 46.0 | 3.6 | 3.0 | 3.1 | 7.7 | 6.5 | 6.7 |
| Texarkana | 58.5 | 57.0 | 57.2 | 4.9 | 4.0 | 4.0 | 8.4 | 7.0 | 7.0 |
| Tyler | 76.5 | 77.4 | 76.2 | 5.3 | 6.2 | 5.1 | 6.9 | 8.0 | 6.7 |
| Victoria | 39.2 | 39.9 | 40.4 | 2.5 | 2.1 | 2.1 | 6.3 | 5.3 | 5.2 |
| Waco | 94.9 | 93.3 | 94.0 | 6.7 | 5.2 | 5.2 | 7.1 | 5.6 | 5.6 |
| Wichita Falls | 54.7 | 54.9 | 54.2 | 4.0 | 4.2 | 3.5 | 7.2 | 7.7 | 6.5 |
| Utah | 805.1 | 821.1 | 821.5 | 41.0 | 31.9 | 33.2 | 5.1 | 3.9 | 4.0 |
| Provo-Orem | 119.5 | 122.3 | 123.2 | 5.1 | 4.1 | 4.5 | 4.3 | 3.4 | 3.6 |
| Salt Lake City-Ogden | 519.7 | 532.1 | 531.8 | 24.9 | 19.3 | 20.1 | 4.8 | 3.6 | 3.8 |
| Vermont | 316.1 | 321.1 | 325.5 | 24.6 | 25.3 | 25.1 | 7.8 | 7.9 | 7.7 |
| Burlington | 81.1 | 79.3 | 81.1 | 3.9 | 4.5 | 4.3 | 4.8 | 5.6 | 5.3 |
| Virginia | 3,364.9 | 3,383.5 | 3,406.7 | 202.6 | 175.0 | 161.8 | 6.0 | 5.2 | 4.8 |
| Charlottesville | 74.7 | 74.8 | 75.6 | 3.5 | 2.7 | 2.3 | 4.7 | 3.6 | 3.0 |
| Danville | 55.0 | 53.9 | 54.5 | 5.1 | 3.8 | 3.5 | 9.2 | 7.0 | 6.4 |
| Lynchburg | 79.5 | 80.0 | 80.6 | 4.9 | 3.9 | 3.2 | 6.2 | 4.8 | 4.0 |
| Norfolk-Virginia Beach-Newport News | 661.0 | 667.2 | 671.2 | 42.3 | 37.6 | 35.4 | 6.4 | 5.6 | 5.3 |
| Richmond-Petersburg | 482.1 | 483.7 | 486.5 | 28.7 | 22.7 | 22.0 | 6.0 | 4.7 | 4.5 |
| Roanoke | 130.3 | 132.9 | 133.7 | 7.0 | 6.0 | 5.6 | 5.3 | 4.5 | 4.2 |
| Washington | 2,608.2 | 2,616.5 | 2,634.4 | 183.5 | 214.9 | 199.5 | 7.0 | 8.2 | 7.6 |
| Seattle | 1,157.8 | 1,164.5 | 1,167.4 | 65.8 | 75.2 | 72.8 | 5.7 | 6.5 | 6.2 |
| West Virginia | 756.3 | 764.7 | 769.1 | 83.8 | 90.4 | 89.7 | 11.1 | 11.8 | 11.7 |
| Charleston | 116.8 | 117.1 | 118.9 | 10.3 | 10.5 | 10.6 | 8.8 | 9.0 | 8.9 |
| Huntington-Ashland | 129.5 | 130.8 | 130.5 | 11.4 | 13.9 | 13.1 | 8.8 | 10.6 | 10.1 |
| Parkersburg-Marietta | 72.5 | 73.8 | 73.7 | 6.2 | 7.3 | 6.6 | 8.6 | 9.9 | 9.0 |
| Wheeling | 70.7 | 71.1 | 71.2 | 6.6 | 7.9 | 7.1 | 9.3 | 11.1 | 10.0 |
| Wisconsin | 2,622.8 | 2,678.5 | 2,691.3 | 129.4 | 133.2 | 134.4 | 4.9 | 5.0 | 5.0 |
| Appleton-Oshkosh-Neenah | 179.3 | 184.8 | 185.2 | 8.2 | 7.8 | 7.9 | 4.6 | 4.2 | 4.3 |
| Eau Claire | 73.1 | 74.4 | 74.5 | 3.3 | 4.5 | 4.7 | 4.5 | 6.1 | 6.3 |
| Green Bay | 117.7 | 120.5 | 120.3 | 5.2 | 5.3 | 5.3 | 4.4 | 4.4 | 4.4 |
| Janesville-Beloit | 75.7 | 74.7 | 75.3 | 4.3 | 4.3 | 4.4 | 5.7 | 5.8 | 5.8 |
| Kenosha | 56.8 | 59.3 | 59.0 | 3.2 | 3.3 | 3.5 | 5.6 | 5.6 | 5.9 |
| La Crosse | 56.2 | 57.8 | 57.8 | 2.3 | 2.4 | 2.3 | 4.2 | 4.2 | 3.9 |
| Madison | 239.2 | 245.6 | 246.4 | 8.0 | 5.9 | 5.7 | 3.3 | 2.4 | 2.3 |
| Milwaukee | 764.8 | 781.1 | 781.7 | 34.4 | 30.5 | 33.4 | 4.5 | 3.9 | 4.3 |
| Racine | 89.4 | 90.5 | 90.8 | 5.4 | 5.5 | 5.7 | 6.1 | 6.1 | 6.3 |
| Sheboygan | 57.6 | 58.6 | 58.1 | 2.5 | 2.0 | 2.0 | 4.4 | 3.4 | 3.4 |
| Wausau | 64.7 | 66.9 | 66.5 | 3.2 | 3.9 | 3.8 | 4.9 | 5.8 | 5.7 |
| Wyoming | 243.2 | 237.0 | 235.2 | 16.6 | 15.0 | 13.7 | 6.8 | 6.3 | 5.8 |
| Casper | 30.8 | 30.4 | 29.9 | 2.5 | 2.4 | 2.3 | 8.1 | 7.9 | 7.8 |

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

NOTE: Data refer to place of residence. All estimates, except those referenced in footnote 1, have been revised to incorporate new benchmark information. Area definitions are published annually in the May issue of this publication.

Explanatory Notes

Introduction

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

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

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The Current Employment Statistics (CES) survey is designed to provide industry information on nonfarm wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are currently based on payroll reports from a sample of over 370,000 establishments employing over 45 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other because of differences in definitions and coverage, source of information, methods of collection, and estimating procedures. Sampling variability and response errors are

additional reasons for discrepancies. The major factors which have a differential effect on the levels and trends of the two series follow.

Employment

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

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

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

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

Hours of work

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

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

Earnings

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

COMPARABILITY OF HOUSEHOLD DATA WITH OTHER SERIES

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

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

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

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

COMPARABILITY OF PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

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

Household Data (A tables)

COLLECTION AND COVERAGE

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

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

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations, and they are excluded from the population and labor force statistics shown in this publication. Data on the members of the Armed Forces stationed in the United States, who are included as part of the special categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense. (See tables A-1, A-2, A-32, and A-42.)

Each month about 60,000 occupied units are eligible for interview. About 2,600 of these households are contacted, but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This results in a noninterview rate for the survey of between 4 and 5 percent. In addition to the 60,000 occupied units, there are 11,500 sample units in an average month which are visited but found to be vacant or otherwise not enumerated. Part of the sample is changed each month. The rotation plan, as explained later, provides for three-fourths of the sample to be common from one month to the next, and one half to be common with the same month a year earlier.

CONCEPTS AND DEFINITIONS

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

Employed persons are (a) all civilians who, during the survey week, did any work at all as paid employees, in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or personal reasons, whether they were paid for the time off or were seeking other jobs.

Each employed person is counted only once, even if he or she holds more than one job. Multiple jobholders are counted in the job at which they worked the greatest number of hours during the survey week.

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

Unemployed persons are all civilians who had no employment during the survey week, were available for work, except for temporary illness, and had made specific efforts to find employment some time during the prior 4 weeks. Persons who were waiting to be recalled to a job from which they had been laid off or were waiting to report to a new job within 30 days need not be looking for work to be classified as unemployed.

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

Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups. (1) *Job losers* are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) *Job leavers* are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) *Reentrants* are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor

force prior to beginning to look for work. (4) *Newentrants* are persons who never worked at a full-time job lasting 2 weeks or longer. Each of these four categories of the unemployed may be expressed as an unemployment rate or proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers.

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

The *civilian labor force* comprises all civilians classified as employed or unemployed in accordance with the criteria described above.

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

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

Employment-population ratios represent the proportion of the population that is employed. The *civilian employment-population ratio* is the percentage of all employed civilians in the civilian noninstitutional population.

Not in the labor force includes all persons 16 years and over who are not classified as employed or unemployed. These persons are further classified as engaged in own-home housework, in school, unable to work because of long-term physical or mental illness, retired, or other. The "other" group includes individuals reported as too old or temporarily unable to work, the voluntarily idle, seasonal workers for whom the survey week fell in an off season and who were not reported as looking for work, and persons who did not look for work because they believed that no jobs were available in the area or that no jobs were available for which they could qualify—discouraged workers. Persons doing only incidental, unpaid family work (less than 15 hours in the specified week) are also classified as not in the labor force.

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

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time job lasting 2 weeks or more. The classifications of occupations and industries used in data derived from the CPS are defined as in the 1990 census. Information on the detailed categories included in these groups is available upon request.

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

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

Persons who worked 35 hours or more during the survey week are designated as working *full time*. Persons who worked between 1 and 34 hours are designated as working *part time*. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or noneconomic reasons). Economic reasons include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. Noneconomic reasons include: Labor dispute, bad weather, own illness, vacation, demands of home or

school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

Data on employment "at work" differ from data on total employment because they exclude persons in the zero-hours-worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute.

Employed persons are also categorized into full-and part-time groupings based primarily on their *usual status*. In this context, *full-time workers* are those who (a) worked 35 hours or more during the survey week, (b) worked 1 to 34 hours for economic or noneconomic reasons, but usually work full time, and (c) were with a job but not at work and usually work full time. Similarly, *part-time workers* are those who (a) voluntarily worked 1 to 34 hours during the survey week, (b) worked 1 to 34 hours for economic reasons, but usually work part time, i.e., persons who could only find part-time work, and (c) were with a job but not at work and usually work part time.

Unemployment rates for full-and part-time workers are calculated using the concepts of the *full-and part-time labor force* which are based on the type of job—full or part time—that persons—whether working or unemployed—say they want. The "full-time labor force" includes all persons working part time but who desire full-time work, that is, working part time for economic reasons. Thus, this category consists of persons on full-time schedules; all persons involuntarily working part time regardless of their usual status; and unemployed persons seeking full-time jobs. The "part-time labor force" consists of persons working part time voluntarily and unemployed persons seeking part-time work. Employed persons with a job but not at work are distributed according to whether they usually work on full-time or voluntary part-time schedules.

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

White, black, and other are terms used to describe the race of workers. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. All tables in this publication which contain racial data, with the exception of A-5 and its annual counterpart, present data for the black population group. Because

of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus they are included in both the white and black population groups.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Data are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and women are excluded. Nonveterans are men who never served in the Armed Forces.

Usual weekly earnings data are provided from responses to the question "How much does...USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, the interviewer defines the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding the incorporated self-employed) who usually work full time on their sole or primary job.

Median earnings indicate the value which divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls.

Data expressed in constant dollars are deflated by the Consumer Price Index for All Urban Consumers (CPI-U).

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

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

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

couple families but relates only to persons in families maintained by either men or women without a spouse.

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

Poverty areas are defined as those census tracts in tracted areas, and Minor Civil Divisions (MCD's) in untraced areas, in which 20 percent or more of the noninstitutional residents were poor according to the 1980 decennial census. Persons were classified as poor or non-poor by comparing money income to a series of poverty income thresholds which vary by family size and number of children. While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas, and conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all Metropolitan Statistical Areas (MSA's) as defined by the Office of Management and Budget (OMB) as of June 30, 1983. A detailed discussion of the MSA definitions as well as changes in terminology can be found in "The New Metropolitan Area Definitions" section of the *1980 Census of Population Supplementary Report on Metropolitan Statistical Areas*, PC-S1-18. Nonmetropolitan areas consist of the total territory outside MSA's.

The *urban population*, as defined for the 1980 census, comprises all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urban areas. More specifically, the urban population consists of all persons living in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities; (2) other territories, incorporated and unincorporated, included in urbanized areas. The population not classified as urban makes up the rural population.

HISTORICAL COMPARABILITY

Change in lower age limit

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

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data:

- Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected.
- Starting in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected.
- Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged.
- Commencing in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged.
- A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.
- Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitu-

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

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

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

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

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

- Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The purpose of the change and an indication of its effect on national estimates of labor force characteris-

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

- Starting in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1983” in the February 1983 issue of *Employment and Earnings*. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

- Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjustment, the first- and second-stage ratio adjustments, and the composite estimator—were revised. These procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985” in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin. Major estimates were revised back to January 1980.

- Starting in January 1986, the population controls used in the second-stage ratio adjustment methodology were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of emigrants among legal foreign-born residents for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin population and labor force estimates were raised by about 425,000 and 305,000, respectively, and employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the mag-

nitude of the adjustments for Hispanics, data were revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of this publication.

- Beginning in August 1989, the second-stage ratio estimate cells were changed slightly to decrease the chance of very small cells occurring and to be more consistent with published age, sex, and race cells. This change had virtually no effect on national estimates.

Changes in the occupational and industrial classification system

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

Starting in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. The 1980 census occupational classification system evolved from the Standard Occupational Classification (SOC), and this new system differed so radically in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group "sales occupations" is substantially larger than the 1970 category "sales workers." Major additions include "cashiers" taken from the "clerical workers" group and some self-employed proprietors in retail trade establishments from "managers and administrators, except farm."

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

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

Beginning in January 1992, the occupational and industrial classification systems used in the 1990 census were introduced into the CPS. There were a few breaks in comparability between the 1980 and 1990 census-based systems, particularly within the "technical, sales, and administrative support" categories. The industrial classification system used in the 1990 census is based on the 1987 Standard Industrial Classification system. The most notable changes from the 1980 system were the shift of several industries from "business services" to "professional services" and the splitting of some industries into smaller, more detailed categories. A number of industry titles were changed as well, with no change in content.

Sampling

Since the inception of the survey, there have been various changes in the design of the CPS sample. The sample is traditionally redesigned and a new sample selected after each decennial census. The number of sample areas and the number of sample persons are also increased occasionally. Most of these changes are made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates. When Alaska and Hawaii received statehood, three sample areas were added to the existing sample to account for the population of these States. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia, was designed to provide more reliable annual average estimates for States. In October 1978, a coverage improvement sample of approximately 450 sample household units representing 237,000 occupied mobile homes and 600,000 new construction housing units was added. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to SMSA's, which were redefined in 1973. In January 1985, a new State-based CPS sample was selected based on 1980 census information. A sample reduction of about 4,000 households was implemented in April 1988; they were reinstated during the 8-month period, April-November 1989.

The 1980 census-based sample design includes about 72,000 housing units per month located in 729 selected geographic areas called primary sampling units (PSU's). The sample was initially selected so that specific reliability criteria were met nationally, for each of the 50 States, for the District of Columbia, and for the sub-State areas of New York City and the Los Angeles-Long Beach metropolitan area. Since 1985, these reliability criteria have been

maintained through periodic additions and deletions in the State samples. The criteria, given below, are based on the coefficient of variation (CV) of the unemployment rate, where the CV is defined as the standard error of the estimate divided by the estimate, expressed as a percentage. These CV controls assume a 6-percent unemployment rate in the denominator of this formula to establish a consistent specification of sampling error.

Nationally, a 1.8-percent CV is maintained on the monthly unemployment rate estimate. This means that a change of 0.2 percentage point in the unemployment rate is significant at a 90-percent confidence level.

In 11 States—California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas—the most populous States at the time of the 1980 decennial census, an 8-percent CV is maintained on the monthly unemployment rate estimate. In the other 39 States and the District of Columbia, an 8-percent CV is maintained on the annual unemployment rate estimate. In New York City and the Los Angeles-Long Beach metropolitan area, a 9-percent CV is maintained on the monthly unemployment rate.

In the first stage of sampling, the 729 sample areas are chosen. In the second stage, ultimate sampling unit clusters composed of about four housing units each are selected. Each month, about 72,000 housing units are assigned for data collection, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 housing units, 4 to 5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), other failures to make contact after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate (about half of the noninterviews). Information is obtained each month for about 113,000 persons 16 years of age and older.

Selection of sample areas. The entire area of the United States, consisting of 3,137 counties and independent cities, is divided into 1,973 primary sampling units (PSU's). In most States, a PSU consists of a county or a number of contiguous counties. In New England and Hawaii, minor civil divisions are used instead of counties.

Metropolitan areas within a State are used as a basis for forming PSU's. Outside of metropolitan areas, counties normally are combined, except where the geographic area of the sample county is very large. Combining counties to form PSU's provides greater heterogeneity; a typical PSU includes urban and rural residents of both high and low economic levels and encompasses, to the extent feasible, diverse occupations and industries. Another important consideration is to make the PSU sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

The 1,973 PSU's are grouped into strata within each State. Then one PSU is selected from each stratum with the probability of selection proportional to the population of the PSU. There are 314 PSU's in strata by themselves that are self-representing, and generally these are the most populated PSU's in each State. The remaining strata are formed by combining PSU's that are similar in such characteristics as population growth; proportions of blacks and of Hispanics (in certain States); and population distribution by occupation, industry, age, and sex. The PSU's, randomly selected from these strata are non-self-representing because each one chosen represents the entire stratum. The probability of selecting a particular PSU in a non-self-representing stratum is proportional to its 1980 population. For example, within a stratum, the chance that a PSU with a population of 50,000 would be selected for the sample is twice that for a PSU having a population of 25,000.

Selection of sample households. Because the sample design is essentially State based, the sampling ratio differs by State and depends on the reliability requirements for estimates for each State. The State sampling ratios range roughly from 1 in every 200 households to 1 in every 2,500 households in each stratum of the State. The sampling ratio occasionally is modified slightly to hold the size of the sample relatively constant given the overall growth of the population. The sampling ratio used within a sample PSU depends on the probability of selection of the PSU and the sampling ratio for the State. In a sample PSU with a probability of selection of 1 in 10 with a State sampling ratio of 1 in 2,500, the within-PSU sampling ratio that results is 1 in 250, thereby achieving the desired ratio of 1 in 2,500 for the stratum.

Within each designated PSU, several steps are involved in selecting the housing units to be enumerated. First, the 1980 census enumeration districts (ED's), which are administrative units and contain on the average about 300 housing units, are ordered so that the sample would reflect the demographic and residential characteristics of the PSU. Within each ED, the housing units are sorted geographically and are grouped into clusters of approximately four housing units. Next, a systematic sample of these clusters of housing units is selected.

The identification of the sample housing units within an ED is made wherever possible from the list of ED addresses compiled during the 1980 census. The address lists are used in about three-fourths of the ED's, primarily in urban areas. Area sampling is applied in the remaining ED's, mostly in rural areas. In ED's where address lists are used, automated methods are used to form clusters of geographically contiguous housing units. An effort is made to have all small, multi-unit addresses (two to four housing units) included in the same cluster. The methods use the within-PSU sampling ratio to identify appropriate clusters for the sample. Supplemental samples are also prepared to

account for addresses in isolated geographic areas and to account for housing units not found on the address lists, including housing units newly constructed in the PSU since the census date. The addresses of these units are obtained mainly from records of building permits.

In those enumeration districts where area sampling methods are used, mainly rural areas, the ED's are subdivided into small land "chunks" with well-defined boundaries and having, in general, an expected "size" of about 8 to 12 housing units or other living quarters. For each subdivided ED, one chunk (or more) is designated for the sample. When a selected chunk contains about four households, for example, all units are included in the sample. When the size of the chunk is several times four units, an interviewer does not conduct interviews at all housing units in the chunk but uses a systematic sampling pattern to obtain approximately four households. The remaining housing units in the chunk are then available for further samples. Area ED's also make use of building permit lists to identify newly constructed housing units.

Rotation of sample. Part of the sample is changed each month. For each sample, eight representative subsamples or rotation groups are identified. A given rotation group is interviewed for a total of 8 months, divided into two equal periods. It is in the sample for 4 consecutive months, leaves the sample during the following 8 months, and then returns for another 4 consecutive months. In any 1 month, one-eighth of the rotation groups are in their first month of enumeration, another eighth is in their second month, and so on. Under this system, 75 percent of the sample segments are common from month to month and 50 percent from year to year. This procedure, which was introduced in 1953, provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus reducing discontinuities in the series of data without burdening any specific group of households with an unduly long period of inquiry.

Table 1-A provides a description of some aspects of the CPS sample design in use since 1947. A more detailed account of the history of the CPS sample design appears in *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, Report 463, Bureau of Labor Statistics. A description of the 1980 census-based sample appears in "Redesign of the Sample for the Current Population Survey," in the May 1984 issue of *Employment and Earnings*.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously

and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Since 1985, almost all sample persons within the same State have the same probability of selection (with the exception of New York and California, where the cities of New York and Los Angeles are sampled at a higher probability). These selection probabilities are then adjusted for noninterviews; ratio adjustments are made to known population controls; and composite the estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA." Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of sample households not interviewed varies from 4 to 5 percent, depending on weather, vacation, etc.

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

a. *First-stage ratio estimate.* In the CPS, a portion of the 729 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure reduces the portion of the variance that results from requiring sample PSU's in a State to represent nonsampled PSU's in the same State and is not applied to self-representing PSU's. The adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and nonblack. The procedure corrects for differences that existed in each cell at the time of the 1980 census between the race distribution of the population in sample PSU's and the known race distribution of the State.

Table 1-A. Characteristics of the CPS sample, 1947 to present

| Time period | Number of sample areas | Households eligible | | Housholds visited but not eligible |
|-----------------------------------|------------------------|---------------------|-----------------|------------------------------------|
| | | Interviewed | Not interviewed | |
| Aug. 1947 to Jan. 1954 | 68 | 21,000 | 500-1,000 | 3,000-3,500 |
| Feb. 1954 to Apr. 1956 | 230 | 21,000 | 500-1,000 | 3,000-3,500 |
| May 1956 to Dec. 1959 | 1330 | 33,500 | 1,500 | 6,000 |
| Jan. 1960 to Feb. 1963 | 2333 | 33,500 | 1,500 | 6,000 |
| Mar. 1963 to Dec. 1966 | 357 | 33,500 | 1,500 | 6,000 |
| Jan. 1967 to July 1971 | 449 | 48,000 | 2,000 | 8,500 |
| Aug. 1971 to July 1972 | 449 | 45,000 | 2,000 | 8,000 |
| Aug. 1972 to Dec. 1977 | 461 | 45,000 | 2,000 | 8,000 |
| Jan. 1978 to Dec. 1979 | 614 | 53,500 | 2,500 | 10,000 |
| Jan 1980 to Apr. 1981 | 629 | 62,200 | 2,800 | 12,000 |
| May 1981 to Dec. 1984 | 629 | 57,800 | 2,500 | 11,000 |
| Jan. 1985 to Mar. 1988 | 729 | 57,000 | 2,500 | 11,000 |
| Apr. 1988 to Mar. 1989 | 729 | 53,200 | 2,600 | 11,500 |
| Nov. 1989 to present ³ | 729 | 57,400 | 2,600 | 11,800 |

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

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

³ The sample was increased incrementally during the 8-month period, April-November 1989.

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment, which further reduces variability of the estimates and corrects to some extent for CPS undercoverage relative to the decennial census, is carried out in three steps.

In the first step, the sample estimates are adjusted within each State and the District of Columbia to independent controls for the population 16 years and over. These controls are an arithmetic extrapolation of the trend in the growth of this population segment using the two most recent July 1 estimates, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports, Series P-25*. For a description of the methodology used in developing the State total, see Report 957 of that series. A description of the age estimates methodology is available in Report 1010 of that series.

The second step involves an adjustment by Hispanic origin to a national estimate for 14 Hispanic and 5 non-Hispanic age-sex categories. These Hispanic controls are prepared by carrying forward the 1980 census count for Hispanics by adding estimated Hispanic births and immigrants and subtracting estimated Hispanic deaths and emigrants to yield an estimate of the Hispanic population by age and sex. Prior to January 1985, there was no separate control for Hispanics in the second-stage ratio procedure.

In the third step, a national adjustment is made by the race categories of white, black, and other races to indepen-

dent estimates by age and sex. The white and black categories contain 66 and 42 age-sex groups respectively; the other races category has 10 age-sex cells. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race-origin categories will be virtually equal to the independent population control totals.

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

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center

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

Beginning in January 1986, two changes were introduced into the estimation of the independent population controls. For the first time, an explicit allowance for net undocumented immigration since April 1, 1980 (the census date) was added to the estimated level of legal immigration. In addition, an increase in the estimate of emigration of legal, foreign-born residents has been incorporated into the postcensal population estimates since 1980. The nature and effect of these changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of *Employment and Earnings*.

3. *Composite estimate procedure.* The last step in the preparation of most CPS estimates makes use of a composite estimation procedure. The composite estimate consists of a weighted average of two factors: The two-stage ratio estimate based on the entire sample from the current month and the composite estimate for the previous month plus an estimate of the month-to-month change based on the six rotation groups common to both months. In addition, a bias adjustment term is added to the weighted average to account for relative bias associated with month-in-sample estimates. This month-in-sample bias is exhibited by unemployment estimates for persons in their first and fifth months in the CPS. The unemployment estimates for these persons are generally higher than estimates obtained for the other months.

The composite estimate results in a reduction in the sampling error beyond that which is achieved after the two stages of ratio adjustment. For some items, the reduction is substantial. The resultant gains in reliability are greatest in estimates of month-to-month change, although gains are also usually obtained for estimates of level in a given month, change from year to year, and change over other intervals.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent

rounding of totals and components to the nearest thousand. Similarly, sums of percent distributions may not always equal 100 percent because of rounding. Differences, however, are insignificant.

Reliability of the estimates

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

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

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

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

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

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Compared to the level of the decennial census, undercoverage is about 6 percent. It is known that the CPS undercoverage

varies with age, sex, race, and Hispanic origin. Generally, undercoverage is larger for men than for women, and larger for blacks, Hispanics, and other races combined than for whites. Ratio estimation to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

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

Sampling error. When a sample rather than the entire population is surveyed, estimates differ from the true population values that they represent. This difference, or sampling error, occurs by chance, and its variability is measured by the standard error of the estimate. Sample estimates from a given survey design are unbiased when an average of the estimates from all possible samples would yield, hypothetically, the true population value. In this case, the sample estimate and its standard error can be used to construct approximate confidence intervals, or ranges of values, that include the true population value with known probabilities. If the process of selecting a sample from the population were repeated many times and an estimate and its standard error calculated for each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the true population value.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the true population value.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors

above the estimate would include the true population value.

Although the estimating methods used in the CPS do not produce unbiased estimates, biases for most estimates are believed to be small enough so that these confidence interval statements are approximately true.

Because it would be too costly to develop standard errors for all CPS estimates, generalized variance function techniques are used to calculate sets of standard errors for various types of labor force characteristics. It is important to keep in mind that standard errors computed from these methods reflect sampling errors and some kinds of non-sampling errors and indicate the general magnitude of an estimate's standard error rather than its precise value.

The generalized variance functions and standard errors provided here are based on the sample design and estimation procedures as of 1987 and have been adjusted to reflect the population levels and sample size as of 1991. For years prior to 1967, the standard errors obtained must be further adjusted to reflect the CPS sample size in effect at that time. For years prior to 1956, standard errors should be multiplied by 1.5; for the years 1956 through 1966, standard errors should be multiplied by 1.22.

Tables 1-B through 1-H are provided so that approximate standard errors of estimates can be easily obtained. Details illustrating the proper use of each table follow.

Tables 1-B and 1-C show standard errors for estimated monthly levels and rates for selected employment status characteristics; these tables also provide standard errors for consecutive month-to-month changes in the estimates. These standard errors are based on levels of recent estimates and can be determined directly by finding the characteristic of interest.

Tables 1-D and 1-E show standard errors for monthly levels and consecutive monthly changes in levels for general employment status characteristics. The standard errors are calculated using linear interpolation based on the size of the monthly estimates.

Tables 1-F and 1-G give parameters that can be used with formulas to calculate a standard error on nearly any specified level, unemployment rate, percentage, or consecutive month-to-month change. For monthly levels and consecutive month-to-month changes in levels, tables 1-F and 1-G are preferred to tables 1-D and 1-E, because the formulas provide more accurate results than linear interpolation.

Table 1-H presents factors used to convert standard errors of monthly levels and rates determined from tables 1-B, 1-C, 1-D, and 1-F to standard errors pertaining to quarterly and yearly averages, consecutive year-to-year changes of monthly estimates, and changes in quarterly and yearly averages.

Table 1-B. Standard errors for major employment status categories

(In thousands)

| Industry | Monthly level | Consecutive-month change |
|-------------------------------------|---------------|--------------------------|
| Total, 16 years and over: | | |
| Civilian labor force | 260 | 191 |
| Employed | 281 | 213 |
| Unemployed | 144 | 157 |
| Men, 20 years and over: | | |
| Civilian labor force | 165 | 140 |
| Employed | 183 | 154 |
| Unemployed | 106 | 120 |
| Women, 20 years and over: | | |
| Civilian labor force | 196 | 148 |
| Employed | 201 | 154 |
| Unemployed | 88 | 101 |
| Both sexes, 16 to 19 years: | | |
| Civilian labor force | 83 | 82 |
| Employed | 80 | 80 |
| Unemployed | 52 | 68 |
| Black, 16 years and over: | | |
| Civilian labor force | 121 | 88 |
| Employed | 123 | 93 |
| Unemployed | 65 | 74 |
| Men, 20 years and over: | | |
| Civilian labor force | 67 | 59 |
| Employed | 72 | 64 |
| Unemployed | 46 | 54 |
| Women, 20 years and over: | | |
| Civilian labor force | 85 | 64 |
| Employed | 84 | 65 |
| Unemployed | 43 | 50 |
| Both sexes, 16 to 19 years: | | |
| Civilian labor force | 33 | 34 |
| Employed | 28 | 29 |
| Unemployed | 25 | 29 |
| Hispanic origin, 16 years and over: | | |
| Civilian labor force | 97 | 68 |
| Employed | 102 | 81 |
| Unemployed | 52 | 61 |

The standard errors for estimated changes from 1 month to the next, 1 year to the next, etc., depend more on the monthly levels for characteristics than on the size of the changes. Accordingly, tables 1-E, 1-G, and 1-H use monthly levels (not the magnitude of the changes) for approximating standard errors of change. Standard errors for estimated change between nonconsecutive months are not provided (except for year-to-year change); however, these may be assumed to be higher than the standard errors for consecutive monthly change.

Use of tables 1-B and 1-C. These tables provide a quick reference for standard errors of major characteristics. Table 1-B gives approximate standard errors for estimates of monthly levels and consecutive month-to-month changes in levels for major employment status categories. Table 1-C gives approximate standard errors for estimates

of monthly unemployment rates and consecutive month-to-month changes in unemployment rates for some demographic, industrial, and occupational categories. For characteristics not given in tables 1-B and 1-C, refer to either tables 1-D and 1-E or tables 1-F and 1-G.

Illustration. Suppose that for a given month the number of women 20 years and over in the civilian labor force is estimated to be 54,000,000. For this characteristic, the approximate standard error of 196,000 is given in table 1-B in the row, "total, women 20 years and over: civilian labor force." A 90-percent confidence interval as shown by these data, would then be the interval from 53,686,000 to 54,314,000. Concluding that the true labor force level lies within this interval would be correct for roughly 90 percent of all possible samples.

Use of tables 1-D and 1-E. From these tables, approximate standard errors can be calculated for estimates of monthly levels and month-to-month changes in levels for major labor force characteristics by race and Hispanic origin. For major categories not shown, such as male or female, tables 1-F and 1-G can be used. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. For table 1-E, which applies to estimates of consecutive month-to-month change, the average of the two monthly levels (not the change) is used to select the appropriate row in the table.

Illustration. Assume that between 2 consecutive months the estimated number of employed persons changed from 115,600,000 to 116,700,000, an apparent increase of 1,100,000. The approximate standard error on this month-to-month change estimate is based on the average level of the estimate for the 2 months, 116,150,000. Using the table 1-E column titled "labor force data other than unemployment and agricultural employment, total," it is necessary to find the standard errors corresponding to the two monthly level entries between which the value 116,150,000 lies. The standard error corresponding to 100,000,000 is given as 240,000, and the standard error corresponding to 120,000,000 is given as 206,000. Use linear interpolation to find the approximate standard error on month-to-month change corresponding to the level 116,150,000; one method of calculation is given below.

$$206,000 + \left(\frac{120,000,000 - 116,150,000}{120,000,000 - 100,000,000} \right) (240,000 - 206,000) = 213,000$$

Thus, a 90-percent confidence interval for the true month-to-month change would be approximately the interval from 759,000 to 1,441,000.

Use of tables 1-F and 1-G. These tables can be used to find approximate standard errors for a wide range of estimated monthly levels, proportions, rates, and estimates of consecutive monthly change. Instead of displaying standard

Table 1-C. Standard errors for unemployment rates by major characteristics

| Characteristic | Monthly level | Consecutive-month change |
|--|---------------|--------------------------|
| Total, 16 years and over . . . | 0.11 | .14 |
| Men, 16 years and over | .16 | .19 |
| Men, 20 years and over | .16 | .19 |
| Women, 16 years and over | .16 | .19 |
| Women, 20 years and over | .16 | .19 |
| Both sexes, 16 to 19 years | .78 | 1.03 |
| White workers | .12 | .14 |
| Black workers | .48 | .56 |
| Hispanic-origin workers | .50 | .60 |
| Married men, spouse present | .17 | .20 |
| Married women, spouse present | .18 | .22 |
| Women who maintain families | .55 | .65 |
| Occupation | | |
| Executive, administrative, and managerial | .23 | .27 |
| Professional specialty | .18 | .22 |
| Technicians and related support | .40 | .47 |
| Sales | .30 | .36 |
| Administrative support, including clerical | .26 | .31 |
| Private household | 1.44 | 1.71 |
| Protective service | .86 | 1.02 |
| Service, except private household and protective service | .36 | .43 |
| Precision production, craft, and repair | .38 | .45 |
| Machine operators, assemblers, and inspectors | .53 | .64 |
| Transportation and material moving | .58 | .69 |
| Handlers, equipment cleaners, helpers, and laborers | .80 | .96 |
| Farming, forestry, and fishing | .66 | .78 |
| Industry | | |
| Nonagricultural private wage and salary workers | .14 | .16 |
| Goods-producing industries | .28 | .33 |
| Mining | 1.59 | 1.89 |
| Construction | .76 | .91 |
| Manufacturing | .29 | .34 |
| Durable goods | .37 | .45 |
| Nondurable goods | .45 | .54 |
| Service-producing industries | .15 | .18 |
| Transportation, communications, and public utilities | .42 | .50 |
| Wholesale and retail trade | .27 | .33 |
| Finance and services | .19 | .23 |
| Government workers | .20 | .24 |
| Agricultural wage and salary workers | 1.08 | 1.29 |

errors, these tables provide parameters to be used with the formulas given below that allow the user to calculate standard errors.

Table 1-G, which applies to estimates of consecutive monthly change, lists parameters for some characteristics classified by a measure of correlation between monthly estimates. Estimates of the number of persons employed full

time, for example, change relatively little from 1 month to the next, and the two monthly estimates are said to be highly correlated. Consecutive monthly estimates of part-time employment, by contrast, have low correlation, because these estimates are relatively volatile.

Major characteristics for which consecutive monthly estimates are known to have high or low correlation are indicated in table 1-G. Not all categories in table 1-G, however, are broken down into low or high correlation characteristics. When high or low correlation is not specified in table 1-G, the parameters in this table should be selected from the rows labeled "most characteristics" or from rows not specifying correlation.

Standard errors of estimated levels. The approximate standard error, s_x , of an estimated monthly level, x , can be obtained using the formula below, where a and b are the parameters from table 1-F associated with the particular characteristic. The same formula can be used to approximate the standard error of an estimated month-to-month change in level; simply average the levels for the 2 consecutive months and use the parameters from table 1-G.

$$s_x = \sqrt{ax^2 + bx}$$

Illustration. Assume that in a given month there are an estimated 6 million unemployed men in the civilian labor force ($x = 6,000,000$). Obtain the appropriate a and b parameters from table 1-F ("unemployment, total or white"). Use the formula to compute an approximate standard error on the estimate of 6,000,000.

$$a = -0.000015749 \quad b = 2464.91$$

$$s_x = \sqrt{(-0.000015749)(6,000,000)^2 + (2464.91)(6,000,000)} = 119,000$$

Suppose that in the next month the estimated number of unemployed men increases by 200,000 to 6,200,000. The average of the monthly levels is $x = 6,100,000$. Obtain the appropriate a and b parameters from table 1-G ("unemployment, total or white, total, men, women"). Use the formula to compute an approximate standard error on the estimated change of 200,000.

$$s_x = \sqrt{(-0.000082123)(6,100,000)^2 + (3494.11)(6,100,000)} = 135,000$$

An approximate 90-percent confidence interval for the true month-to-month change would be the interval from -16,000 to 416,000. Because this interval covers zero, one cannot assert at this level of confidence that any real change has occurred in the unemployment level. This result can also be expressed by saying that the apparent

Table 1-D. Standard errors for estimates of monthly levels

(in thousands)

| Estimated monthly level | Characteristic | | | | | | | | | |
|-------------------------|-------------------------|-------|----------------|-------|-----------------|--|-------|-------|-----------------|--|
| | Agricultural employment | | Unemployment | | | Labor force data other than agricultural employment and unemployment | | | | |
| | Total or white | Black | Total or white | Black | Hispanic origin | Total | White | Black | Hispanic origin | |
| | | | | | | | | | Employed | Civilian labor force or not in labor force |
| 50 | 11 | 11 | 11 | 11 | 12 | 11 | 11 | 11 | 12 | 12 |
| 100 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 |
| 500 | 38 | 36 | 35 | 36 | 36 | 35 | 35 | 36 | 38 | 38 |
| 1,000 | 57 | 50 | 49 | 49 | 51 | 50 | 50 | 50 | 52 | 52 |
| 2,000 | 88 | 69 | 70 | 67 | 71 | 70 | 70 | 69 | 71 | 71 |
| 4,000 | 145 | | 98 | 86 | 96 | 99 | 98 | 93 | 93 | 93 |
| 6,000 | 200 | | 119 | 94 | | 120 | 120 | 108 | 102 | 102 |
| 8,000 | 253 | | 137 | 93 | | 138 | 137 | 117 | 104 | 104 |
| 10,000 | 307 | | 152 | 84 | | 153 | 152 | 122 | 97 | 97 |
| 15,000 | | | 183 | | | 184 | 183 | 117 | | |
| 20,000 | | | 207 | | | 209 | 207 | 84 | | |
| 30,000 | | | | | | 246 | 243 | | | |
| 40,000 | | | | | | 273 | 267 | | | |
| 50,000 | | | | | | 293 | 284 | | | |
| 60,000 | | | | | | 306 | 294 | | | |
| 70,000 | | | | | | 313 | 297 | | | |
| 80,000 | | | | | | 316 | 295 | | | |
| 100,000 | | | | | | 306 | 272 | | | |
| 120,000 | | | | | | 275 | 216 | | | |
| 140,000 | | | | | | 211 | | | | |
| 160,000 | | | | | | | | | | |
| 180,000 | | | | | | | | | | |

Table 1-E. Standard errors for estimates of month-to-month change in levels

(In thousands)

| Estimated monthly level | Characteristic | | | | | | | | | |
|-------------------------|-------------------------|-------|----------------|-------|-----------------|--|-------|-------|-----------------|--|
| | Agricultural employment | | Unemployment | | | Labor force data other than agricultural employment and unemployment | | | | |
| | Total or white | Black | Total or white | Black | Hispanic origin | Total | White | Black | Hispanic origin | |
| | | | | | | | | | Employed | Civilian labor force or not in labor force |
| 50 | 13 | 11 | 13 | 13 | 14 | 9 | 9 | 9 | 10 | 9 |
| 100 | 18 | 15 | 19 | 19 | 19 | 13 | 13 | 13 | 14 | 12 |
| 500 | 39 | 34 | 42 | 41 | 43 | 29 | 29 | 30 | 32 | 27 |
| 1,000 | 53 | 48 | 58 | 57 | 60 | 41 | 41 | 41 | 44 | 37 |
| 2,000 | 71 | 66 | 82 | 76 | 82 | 57 | 57 | 57 | 60 | 50 |
| 4,000 | 85 | | 113 | 92 | 107 | 81 | 81 | 76 | 77 | 65 |
| 6,000 | 82 | | 134 | 91 | | 98 | 98 | 87 | 84 | 72 |
| 8,000 | 58 | | 151 | 72 | | 112 | 112 | 93 | 84 | 73 |
| 10,000 | | | 163 | | | 125 | 125 | 95 | 76 | 68 |
| 15,000 | | | 184 | | | 150 | 150 | 82 | | |
| 20,000 | | | 192 | | | 170 | 170 | | | |
| 30,000 | | | | | | 200 | 200 | | | |
| 40,000 | | | | | | 222 | 222 | | | |
| 50,000 | | | | | | 237 | 237 | | | |
| 60,000 | | | | | | 246 | 246 | | | |
| 70,000 | | | | | | 251 | 251 | | | |
| 80,000 | | | | | | 252 | 252 | | | |
| 100,000 | | | | | | 240 | 240 | | | |
| 120,000 | | | | | | 206 | 206 | | | |
| 140,000 | | | | | | 138 | 138 | | | |
| 160,000 | | | | | | | | | | |
| 180,000 | | | | | | | | | | |

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

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

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

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

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

Illustration. For a given month, suppose that 5,600,000 women, 20 to 24 years of age, are estimated to be employed. Of this total, 1,800,000 or 32 percent are classified as part-time workers. To estimate the standard error on this percentage, proceed as follows. Obtain the parameter $b = 2111.70$ from table 1-F (“labor force and not-in-labor-force data other than agricultural employment and unemployment, total women”). Apply the formula to obtain:

$$s_{y,p} = \sqrt{\frac{2111.70}{5,600,000} (32) (100 - 32)} = 0.9 \text{ percent}$$

Suppose that in the next month 5,700,000 women in this same age group are reported employed and that 1,950,000 or 34 percent are part-time workers. To estimate the standard error on the observed month-to-month change of 2 percentage points, first average the values for p and y over the 2 months to get $p = 33$ percent and $y = 5,650,000$. Next, obtain the parameter $b = 2245.76$ from table 1-G (“labor force and not-in-labor-force data other than agricultural employment and unemployment, total or white, women, low correlation characteristics”) and apply the formula as follows.

$$s_{y,p} = \sqrt{\frac{2245.76}{5,650,000} (33) (100 - 33)} = 0.9 \text{ percent}$$

It should be noted that the numerator of the percentage (part-time employed) determined the choice of correlation. If the example had illustrated percentages of women employed full time, the numerator would have been a high correlation characteristic. Table 1-G, however, does not explicitly list high correlation parameters for employed women; thus, the row labeled “women, most characteristics” would have been used.

Had the example dealt with teenage women employed part time, either of two rows in table 1-G could have been applied (“women, low correlation” or “both sexes, 16 to 19 years”). In situations like this, where it is not clear which row applies, a general rule to follow is to choose the row with the largest b parameter. This gives a more conservative estimate of standard error.

Use of table 1-H. Use this table with table 1-B, 1-C, 1-D, or 1-F to calculate approximate standard errors for quarterly or yearly averages, changes in consecutive quarterly or yearly averages, and consecutive year-to-year changes

Table 1-F. Parameters for computation of standard errors for estimates of monthly levels

| Characteristic | a | b |
|--|--------------|---------|
| Labor force and not-in-labor-force data other than agricultural employment and unemployment: | | |
| Total ¹ | -0.000015503 | 2488.36 |
| Men ¹ | -0.000028833 | 2300.61 |
| Women | -0.000025830 | 2111.70 |
| Both sexes, 16 to 19 years | -0.000149802 | 2039.69 |
| White ¹ | -0.000017494 | 2488.36 |
| Men | -0.000032295 | 2300.61 |
| Women | -0.000029346 | 2111.70 |
| Both sexes, 16 to 19 years | -0.000177579 | 2039.69 |
| Black | -0.000113103 | 2613.14 |
| Men | -0.000273973 | 2458.39 |
| Women | -0.000164107 | 2181.67 |
| Both sexes, 16 to 19 years: | -0.001144754 | 2390.62 |
| Hispanic origin | -0.000199918 | 2945.94 |
| Not in labor force, total or white, excluding women and 16-to 19-year-olds | .000005200 | 690.84 |
| Agricultural employment: | | |
| Total or white | .000685688 | 2541.14 |
| Men | .000755044 | 2351.42 |
| Women or both sexes, 16 to 19 years | -0.000021749 | 2155.45 |
| Black | -0.000121753 | 2626.04 |
| Hispanic origin: | | |
| Total or women | .011486158 | 2189.09 |
| Men or both sexes, 16 to 19 years | .015153395 | 1268.58 |
| Unemployment: | | |
| Total or white | -0.000015749 | 2464.91 |
| Black | -0.000191460 | 2621.89 |
| Hispanic origin | -0.000098631 | 2704.53 |

¹ Excludes not-in-labor-force data.

Table 1-G. Parameters for computation of standard errors for estimates of month-to-month change in levels

| Characteristic | a | b |
|--|--------------|---------|
| Labor force and not-in-labor-force data other than agricultural employment and unemployment: | | |
| Total or white: | | |
| Most characteristics | -0.00010944 | 1668.04 |
| High correlation characteristics ¹ | -0.00008144 | 1304.38 |
| Low correlation characteristics ¹ | -0.00014170 | 2126.02 |
| Men: | | |
| Most characteristics | -0.00019884 | 1599.03 |
| High correlation characteristics | -0.00014794 | 1249.33 |
| Low correlation characteristics | -0.000051372 | 2221.13 |
| Women: | | |
| Most characteristics | -0.00018554 | 1410.58 |
| Low correlation characteristics | -0.000052252 | 2245.76 |
| Both sexes, 16 to 19 years | -0.000162663 | 2097.34 |
| Black: | | |
| Most characteristics | -0.000089327 | 1787.47 |
| Low correlation characteristics | -0.001740338 | 5422.14 |
| Men: | | |
| Most characteristics | -0.000212603 | 1912.52 |
| Low correlation characteristics | -0.002613218 | 4889.94 |
| Women: | | |
| Most characteristics | -0.000140597 | 1539.24 |
| Low correlation characteristics | -0.002078353 | 4483.53 |
| Both sexes, 16 to 19 years | -0.001139392 | 2538.37 |
| Hispanic origin: | | |
| Total | -0.000152279 | 2098.10 |
| Civilian labor force and not in labor force | -0.000099676 | 1459.85 |
| Low correlation characteristics | -0.002541911 | 6518.78 |
| Men, civilian labor force and not in labor force | -0.000238849 | 1749.13 |
| Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years | -0.000384132 | 2694.10 |
| Women, 16 years and over and 20 years and over | -0.000330113 | 1972.12 |
| Agricultural employment: | | |
| Total or white: | | |
| Total | -0.000346999 | 3199.19 |
| Men | -0.000592136 | 3295.42 |
| Women or both sexes, 16 to 19 years | .000113873 | 1975.66 |
| Black: | | |
| Total or women | -0.000110444 | 2382.12 |
| Men or both sexes, 16 to 19 years | -.017331654 | 4929.50 |
| Hispanic origin: | | |
| Total or women | .002782195 | 3509.38 |
| Men or both sexes, 16 to 19 years | .002777539 | 3001.45 |
| Self-employed | -0.000215510 | 1743.43 |
| Unemployment: ² | | |
| Total or white: | | |
| Total, men, women | -0.000082123 | 3494.11 |
| Both sexes, 16 to 19 years and low correlation characteristics | -0.000062800 | 4269.23 |
| Black: | | |
| Total, men, women, and both sexes, 16 to 19 years | -0.000373894 | 3630.26 |
| High correlation characteristics | .000043481 | 2571.23 |
| Hispanic origin: | | |
| Total, men, women | -0.000244978 | 3822.03 |
| Both sexes, 16 to 19 years and low correlation characteristics | -0.000965230 | 5321.96 |

¹ High correlation characteristics include employed full-time, manufacturing, and service workers and not in the labor force. Low correlation characteristics include all part-time workers; employed, with a job, but not at work; unpaid family workers; and precision production, craft, and repair occupations.

² High correlation characteristics include full-time jobseekers; job losers; manufacturing workers; and operators, fabricators, and laborers. Low correlation characteristics include part-time jobseekers, re-entrants, persons unemployed for less than 5 weeks and from 5 to 14 weeks.

in monthly estimates. Table 1-H gives factors to be applied only to standard errors for monthly levels. Follow these three basic steps:

Step 1. Average estimates appropriately. For quarterly estimates, average the 3 monthly estimates. For yearly estimates, average the 12 monthly estimates. For changes in consecutive averages, average over the 2 quarters or 2 years. For consecutive year-to-year changes in monthly estimates, average the 2 months involved.

Step 2. Obtain a standard error on a monthly estimate using table 1-B or 1-C, or apply the procedures for table 1-D or 1-F to the average calculated in step 1, as if the average were an estimate for a single month.

Step 3. Determine the standard error on the average or on the estimate of change. Multiply the result from step 2 by the appropriate factor from table 1-H.

Illustration. Suppose that standard errors are desired for a quarterly average of black employment levels and for the change in averages from 1 quarter to the next. For each successive month of the first quarter, suppose the levels are observed to be 11,500,000, 11,600,000, and 11,700,000.

Step 1. The quarterly average is 11,600,000.

Step 2. Obtain the a and b parameters from table 1-F (“labor force and not-in-labor-force data other than agricultural employment and unemployment, black, total”). Use the formula for s_x to compute an approximate standard error for a monthly estimate of 11,600,000.

$$a = -0.000113103 \quad b = 2613.14$$

$$s_x = \sqrt{(-0.000113103)(11,600,000)^2 + (2613.14)(11,600,000)} = 123,000$$

Step 3. Multiply this result by the factor .87 from table 1-H (column labeled “quarterly averages” and row labeled “labor force and not-in-labor-force data other than agricultural employment and unemployment, black”). This gives an approximate standard error of 107,000 on the quarterly average of 11,600,000.

Proceed to obtain the approximate standard error on the change in consecutive quarterly average estimates of black employment. Assume that black employment estimates for the months in the second quarter are observed to be 11,100,000, 11,200,000, and 11,300,000.

Step 1. The average for the second quarter is 11,200,000. The average of the 2 quarters is 11,400,000.

Step 2. Obtain the a and b parameters as above and use the formula for s_x to compute an approximate standard error for the estimate of 11,400,000, treating it as an estimate for a single month.

$$s_x = \sqrt{(-0.000113103)(11,400,000)^2 + (2613.14)(11,400,000)} = 123,000$$

Step 3. Multiply this result by the factor .84 from table 1-H (column labeled “change in quarterly averages” and row labeled “labor force and not-in-labor-force data other than agricultural employment and unemployment, black”). This gives an approximate standard error of 103,000 on the estimated change of 400,000 from 1 quarter to the next.

The estimated change clearly exceeds 2 standard errors; therefore, one could conclude from these data that the change in quarterly averages is significant.

Table 1-H. Factors to be used with tables 1-B, 1-C, 1-D, and 1-F to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages

| Characteristic | Factor | | | | |
|---|---|--------------------|------------------------------|-----------------|---------------------------|
| | Year-to-year change of monthly estimate | Quarterly averages | Change in quarterly averages | Yearly averages | Change in yearly averages |
| Agricultural employment: | | | | | |
| Total or men | 1.30 | 0.92 | 0.70 | 0.79 | 0.70 |
| Women | 1.30 | .82 | .84 | .57 | .70 |
| Both sexes, 16 to 19 years | 1.30 | .78 | .88 | .49 | .70 |
| Part time | 1.40 | .80 | .80 | .59 | .70 |
| Unemployment: | | | | | |
| Total | 1.40 | .74 | .88 | .46 | .65 |
| Part time | 1.40 | .67 | .88 | .42 | .54 |
| Labor force and not-in-labor-force data other than agricultural employment and unemployment: | | | | | |
| Total or white | 1.30 | .87 | .85 | .65 | .70 |
| Black | 1.30 | .87 | .84 | .65 | .70 |
| Hispanic origin | 1.30 | .87 | .80 | .65 | .70 |
| Both sexes, 16 to 19 years | 1.30 | .79 | .88 | .54 | .70 |
| Part time | 1.40 | .82 | .90 | .51 | .60 |

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

COLLECTION

BLS cooperates with State employment security agencies in the Current Employment Statistics (CES) or establishment survey to collect data each month on employment, hours, and earnings from a sample of nonfarm establishments (including government.) In 1992, this sample included over 370,000 reporting units. From these data, a large number of employment, hours, and earnings series in considerable industry and geographic detail are prepared and published each month. Historical statistics can be found in *Employment, Hours, and Earnings, United States*, and *Employment, Hours, and Earnings, States and Areas*. These data are also available in machine-readable format.

Each month, the State agencies collect data on employment, payrolls, and paid hours from a sample of establishments. Data are collected by mail from most respondents; phone collection is used to obtain higher response rates from selected respondents through computer-assisted interviews, touch-tone self-response, and voice recognition technology.

The respondents extract the requested data from their payroll records, which must be maintained for a variety of tax and accounting purposes. All firms with 250 employees or more are asked to participate in the survey, as well as a sample of smaller firms.

A "shuttle" schedule (BLS form 790 series) is used for mail respondents. It is submitted each month by the respondents, edited by the State agency, and returned to the respondent for use again the following month.

The technical characteristics of the shuttle schedule are particularly important in maintaining continuity and consistency in reporting from month to month. The shuttle design automatically exhibits the trends of the reported data covered by the schedule during the year; therefore, the relationship of the current data to the data for the previous months is shown. The schedule also has operational advantages. For example, accuracy and economy are achieved by entering the identification codes and the address of the reporter only once a year.

All schedules are edited by the State agencies each month to make sure that the data are correctly reported and that they are consistent with the data reported by the establishment in earlier months and with the data reported by other establishments in the industry. The State agencies forward the data, either on the schedules themselves or in machine-readable form, to BLS-Washington. They also use the information provided on the forms to develop State and area estimates of employment, hours, and earnings. At BLS, the data are edited again by computer to detect processing and reporting errors which may have been missed

in the initial State editing; the edited data are used to prepare national estimates.

It should be noted that for employment, the sum of the State figures will differ from the official U.S. national totals because of the effects of differing industrial and geographic stratification and differences in the timing of benchmark adjustments.

CONCEPTS

Industrial classification

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

All data on employment, hours, and earnings for the Nation (beginning with August 1990 data) and for States and areas (beginning with January 1990 data) are classified in accordance with the *1987 Standard Industrial Classification Manual* (SIC), Office of Management and Budget.

Industry employment

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

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

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

Indexes of diffusion of employment change (table B-7). These indexes measure the dispersion among industries of the change in employment over the specified time span. Beginning with August 1990 data, the overall indexes are calculated from 356 seasonally adjusted employment series (3-digit industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 139 3-digit industries.

To derive the indexes, each component industry is assigned a value of 0, 50, or 100 percent, depending on whether its employment showed a decrease, no change, or an increase, respectively, over the time span. The average value (mean) is then calculated, and this percent is the diffusion index number.

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

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

Industry hours and earnings

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

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

Construction workers. This group includes the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations,

demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

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

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

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

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

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

Indexes of aggregate weekly hours. The indexes of aggregate weekly hours are prepared by dividing the current

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

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

Because overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month. Such factors as work stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours. Diverse trends at the industry group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months.

Average hourly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

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

Average hourly earnings, including lump-sum wage payments. These series are compiled only for aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing. The same concepts and estimation methods apply to these series as apply to the average hourly earnings series described above; the one difference between the series is definitional. The payroll data used to calculate this series include lump-sum payments made to production workers in lieu of general wage rate increases; such payments are excluded from the definition of gross

payrolls used to calculate the other average hourly earnings series.

For each sample establishment in SIC 3721 and SIC 3761 covered by a lump-sum agreement, the reported payroll data are adjusted to include a prorated portion of the lump-sum payment. Such payments are generally made once a year and cover the following 12-month period. In order to spread the payment across this time period, a prorated portion of the payment is added to the payroll each month. This prorated portion is adjusted by an exit rate to reduce the lump-sum amount to account for persons who received the payment but left before the payment allocation period expired.

Average hourly earnings, excluding overtime. Average hourly earnings, excluding overtime premium pay are computed by dividing the total production worker payroll for the industry group by the sum of total production worker hours and one-half of total overtime hours. No adjustments are made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Railroad hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

Average weekly earnings. These estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as the proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

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

Real earnings. These earnings are in constant dollars and are calculated from the earnings averages for the current

month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). The reference year for these series is 1982.

ESTIMATING METHODS

The Current Employment Statistics (CES) or establishment survey estimates of employment are generated through an annual benchmark and monthly sample link procedure. Annual universe counts or benchmark levels are generated primarily from administrative records on employees covered by unemployment insurance (UI) tax laws. These annual benchmarks, established for March of each year, are projected forward for each subsequent month based on the trend of the sample employment, using an estimation procedure called the link relative. Benchmarks and sample link relatives are computed for each of 1,690 basic estimation cells defined by industry, size, and geography for the CES national estimates, and summed to create aggregate level employment estimates.

Benchmarks

The establishment survey constructs annual benchmarks in order to realign the sample-based employment totals for March of each year with the UI-based population counts for March. These population counts are much less timely than sample-based estimates; however, they provide an annual point-in-time census for employment.

Population counts are derived from the administrative file of employees covered by UI. All employers covered by UI laws are required to report employment and wage information to the appropriate State employment security agency four times a year. Approximately 99 percent of in-scope private employment is covered by UI. A benchmark for the remaining 1 percent is constructed from alternate sources, primarily records from the Interstate Commerce Commission and the Social Security Administration. The full benchmark developed for March replaces the March sample-based estimate, for each basic cell. The monthly sample-based estimates for the year preceding and the year following the benchmark are also then subject to revision.

Monthly estimates for the year preceding the March benchmark are readjusted using a "wedge back" procedure. The difference between the final benchmark level and the previously published March sample estimate is calculated and spread back across the previous 11 months. The wedge is linear; eleven-twelfths of the March difference is added to the February estimates, ten-twelfths to the January estimates, and so on, back to the previous April estimates which receive one-twelfth of the March difference. This assumes that the total estimation error since the last benchmark accumulated at a steady rate throughout the current benchmark year.

Estimates for the 11 months following the March benchmark are also recalculated each year. These post-benchmark estimates reflect the application of sample-

based monthly changes to new benchmark levels for March, and the recomputation of bias adjustment factors for each month. Bias factors are updated to take into account the most recent experience of the estimates generated by the monthly sample versus the full universe counts derived from the UI.

Following the revision of basic employment estimates, all other derivative series (e.g., production workers, average hourly earnings) are also recalculated. New seasonal adjustment factors are calculated and all data series for the previous 5 years are reseasonally adjusted, prior to full publication of all revised data in June of each year.

Monthly estimation

Estimates are derived from a sample of approximately 370,000 business establishments nationwide. A current month's estimate is derived as the product of the previous month's estimate and a sample link relative for the current month. A bias adjustment factor is then applied to this result primarily to help account for new business births during the month.

Stratification. The sample is stratified into 1,690 basic estimation cells for purposes of computing national employment, hours, and earnings estimates. Cells are defined primarily by detailed industry, and secondarily by size for a majority of cells. In a few industries, mostly within the construction division, geographic stratification is also used. Industry classification is in accordance with the *1987 Standard Industrial Classification Manual (SIC)*; most estimation cells are defined at the 4-digit SIC level.

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

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

Bias adjustment. Bias adjustment factors are computed at the 3-digit SIC level, and applied each month at the ba-

Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings

| Employment, hours, and earnings | Basic estimating cell (industry, region, size or region/size cell) | Aggregate industry level (division and, where stratified, industry) |
|--|--|---|
| Monthly data | | |
| All employees | All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. ¹ | Sum of all-employee estimates for component cells. |
| Production or nonsupervisory workers, women employees | All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. ² | Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells. |
| Average weekly hours | Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. ² | Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells. |
| Average weekly overtime hours | Production worker overtime hours divided by number of production workers. ² | Average, weighted by production worker employment, of the average weekly overtime hours for component cells. |
| Average hourly earnings | Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. ² | Average, weighted by aggregate hours, of the average hourly earnings for component cells. |
| Average weekly earnings | Product of average weekly hours and average hourly earnings. | Product of average weekly hours and average hourly earnings. |
| Annual average data | | |
| All employees, women employees, and production or nonsupervisory workers | Sum of monthly estimates divided by 12. | Sum of monthly estimates divided by 12. |
| Average weekly hours. | Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment. | Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers. |
| Average weekly overtime hours. | Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment. | Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers. |
| Average hourly earnings | Annual total of aggregate payrolls (product of production or nonsupervisory worker employment by weekly hours and hourly earnings) divided by annual aggregate hours. | Annual total of aggregate payrolls divided by annual aggregate hours. |
| Average weekly earnings | Product of average weekly hours and average hourly earnings. | Product of average weekly hours and average hourly earnings. |

¹ The estimates are computed by multiplying the above product by bias adjustment factors, which compensate for the underrepresentation of newly formed enterprises and other sources of bias in the sample.

² The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly

earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample and, at the same time, tapers or wedges the estimate toward the level of the latest sample average.

sic cell level, as part of the standard estimation procedures. The main purpose of bias adjustment is to reduce a primary source of nonsampling error in the survey, the inability to capture, on a timely basis, employment generated by new firm births. There is a several month lag between an establishment opening for business and its appearing on the UI universe frame and being available for sampling. Because new firms generate a portion of employment growth each month of the year, nonsampling methods must be used to capture this growth, otherwise substantial under estimation of total employment levels would occur. Formal bias adjustment procedures have been used by the establishment survey since the late 1960's. Prior to the 1983 benchmark, bias adjustments were derived from a simple mean error model, which averaged undercount errors for the previous 3 years to arrive at bias projections for the coming year. The undercount errors were measured as the difference between sample-based estimate results and benchmark levels.

This procedure eventually proved inadequate during periods of rapidly changing employment trends, and the bias adjustment methodology was revised. Research done in the early 1980's indicated that bias requirements were strongly correlated with current employment growth or decline. Based on this research, a revised method was developed which incorporated the sample data on employment growth over the most recent two quarters, and a regression-derived coefficient for the significance of that change, to adjust the mean error model results. This change in methodology provided a more cyclically sensitive bias model. The regression-adjusted mean error model has been in use since 1983, for the production of national estimates.

The current model still has limitations in its ability to react to changing economic conditions or changing error structure relationships between the sample-based estimates and the UI universe counts. A principal limitation is the inability to incorporate UI universe counts as they become available on an ongoing basis, with a 6- to 9-month lag from the reference period. Thus, the current quarterly outputs from the model are subject to intervention analysis, and adjustments can be made to its results, prior to the establishment of final bias levels for a quarter. Review is done primarily in terms of detection of outlier (i.e. abnormally high or low) values, and by comparison of CES sample and bias trends with the most recent quarterly observations of UI universe counts. The BLS currently has under study improved bias models using a Kalman filter technique, which would allow a more formal, structured incorporation of each quarter's UI universe counts in the bias modeling process.

Although the primary function of bias adjustment is to account for employment resulting from new business formations, it also adjusts for other elements of nonsampling error in the survey, because the primary input to the mod-

eling procedure is total estimation error. Significant among these nonsampling error sources is a business death bias. When a sampled firm closes down, most often it simply does not respond to the survey that month, rather than reporting zero employment. Followup with nonrespondents may reveal an out-of-business firm, but this information is often received too late to incorporate into monthly estimates, and the firm is simply treated as a nonrespondent for that month.

Because the bias adjustments incorporated into the estimates represent a composite of a birth bias, death bias, and a number of other differences between the sample-based estimates and the population counts, the monthly bias adjustment levels have no specific economic meaning in and of themselves.

Table 2-B summarizes bias adjustments made over the past 10 years. The table displays the average monthly "bias added" and the average monthly "bias required" with the benchmark revisions for each year. Bias added shows the average amount of bias which was added each month over the course of an interbenchmark period. For example, the bias added for 1984 is listed as 140,000; this represents the average of bias adjustments made each month over the period April 1983 through May 1984. Bias required is computed retrospectively, after the March benchmark for a given year is known. Bias required figures are calculated by taking the difference between a March estimate derived purely from the sample (i.e., a series calculated without bias adjustment) and the March benchmark. Dividing this figure by 12 gives the average monthly bias required figure. The bias required is thus defined as the amount of bias adjustment which would have achieved a zero benchmark error. The difference between the total bias required and the total bias added is then, by definition, approximately the benchmark revision amount, for any given year. Also provided in the table for illustration, are the March-to-March changes. As discussed above, the over-the-year changes indicate correlation with the bias added and bias required figures.

THE SAMPLE

Design

The emphasis in the establishment survey is on producing timely data at minimum cost. Therefore, the primary goal of its design is to sample a sufficiently large segment of the universe to provide reliable estimates that can be published both promptly and regularly. The present sample allows BLS to produce preliminary total nonfarm employment estimates for each month, including some limited industry detail, within 3 weeks after the reference period, and data in considerably more detail with an additional one-month lag.

The sampling plan used in the establishment survey is a

form of sampling with probability proportionate to size, known as "sampling proportionate to average size of establishment." This is an optimum allocation design among strata because sampling variance is proportional to the average size of establishments. The universe of establishment employment is highly skewed, with a large percentage of total employment concentrated in relatively few establishments. Because variance on a population total estimate is a function of percentage universe coverage achieved by the sample, it is efficient to sample larger establishments at a higher rate than smaller establishments, assuming the cost per sample unit is fairly constant across size classes.

Under the establishment survey design, large establishments fall into a certainty strata for sample selection. The size of the sample for the various industries is determined empirically on the basis of experience and cost considerations. For example, in a manufacturing industry with a high proportion of total employment concentrated in a small number of establishments, a larger percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments, with a relatively few chosen from among the smaller establishments. For an industry in which a large proportion of total employment is concentrated in small establishments, the sample design again calls for inclusion of all large establishments but also for a more substantial number of smaller ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to have a sample design for these industries with a smaller proportion of total universe coverage than is the case for most manufacturing industries.

Coverage

The establishment survey is the largest monthly sampling operation in the field of social statistics. Table 2-C shows the latest benchmark employment levels and the approximate proportion of total universe employment coverage, at the total nonfarm and major industry division levels. The coverage for individual industries within the divisions may vary from the proportions shown.

Reliability

The establishment survey, like other sample surveys, is subject to two types of error, sampling and nonsampling error. The magnitude of sampling error, or variance, is directly related to the size of the sample and the percentage of universe coverage achieved by the sample. The establishment survey sample covers over one-third of total universe employment; this yields a very small variance on the total nonfarm estimates. Measurements of error associated with sample estimates are provided in tables 2D-2G.

Benchmark revision as a measure of survey error. The sum of sampling and nonsampling error can be considered total survey error. Unlike most sample surveys which publish sampling error as their only measure of error, the CES can derive an annual approximation of total error, on a lagged basis, because of the availability of the independently derived universe data. While the benchmark error is used as a measure of total error for the CES survey estimate, technically, it actually represents the difference between two independent estimates derived from separate survey processes (i.e., the CES sample process and the UI universe process) and thus reflects the errors present in

Table 2-B. March employment benchmarks and bias adjustments for total private industries, March 1983-92

| Year | Benchmark | | Average monthly bias | | Over-the-year employment change ⁵ |
|------------|-------------------------|-----------------------|----------------------|-----------------------|--|
| | Employment ¹ | Revision ² | Added ³ | Required ⁴ | |
| 1983 | 72,043 | -78 | 102 | 96 | -1,327 |
| 1984 | 76,371 | 341 | 140 | 169 | 4,328 |
| 1985 | 79,446 | -131 | 152 | 141 | 3,075 |
| 1986 | 81,204 | -400 | 149 | 116 | 1,758 |
| 1987 | 83,173 | 21 | 98 | 99 | 1,969 |
| 1988 | 86,180 | -310 | 114 | 88 | 3,007 |
| 1989 | 89,015 | -93 | 131 | 123 | 2,835 |
| 1990 | 90,546 | -261 | 85 | 63 | 1,531 |
| 1991 | 88,790 | -583 | 61 | 12 | -1,756 |
| 1992 | 88,347 | -130 | 33 | 22 | -443 |

¹ Universe counts for March of each year used to make annual benchmark adjustments to the employment estimates. About 99 percent of the benchmark employment is from unemployment insurance administrative records, and the remaining 1 percent is from alternate sources. Data represent benchmark levels as originally computed; levels for 1983-90 were subsequently corrected.

² Difference between the final March sample-based estimate and the benchmark level for total private employment.

³ The average amount of bias adjustment each month over the

course of an inter-benchmark period, i.e., from April of the prior year through March of the given year.

⁴ The difference between the March benchmark and the March estimate derived solely from the sample without bias adjustment, converted to a monthly amount by dividing by 12.

⁵ March-to-March changes in the benchmark employment level.

NOTE: Data in this table exclude government employment because there is no bias adjustment for this sector.

each program. Historically, the benchmark revision has been very small for total nonfarm employment. Over the past decade, percentage benchmark error has averaged 0.2 percent, with a range from zero to 0.6 percent. Table 2-D shows the most current benchmark revisions, along with 10-year mean revisions and mean absolute revisions for major industries. Mean revisions give an indication of bias in the estimates; unbiased estimates have a mean revision close to zero, as over and under estimations cancel out over time. Mean absolute revisions give an overall indicator as to the accuracy of the estimates; the larger the value, the further the estimate was from the final benchmark level.

An alternate measure for determining the reliability of the employment estimates for individual industries is the root-mean-square error. This measure is the standard deviation adjusted for the bias in the estimates:

$$RMSE = \sqrt{(\text{standard deviation})^2 + (\text{bias})^2}$$

If the bias is small, the chances are about 19 out of 20 that the difference would be less than twice the root mean square error.

Approximations of the root-mean-square errors of differences between final estimates and benchmarks are presented in table 2-E.

Noneconomic code changes. A major source of benchmark revision at the major industry division level and below are noneconomic code changes, which are introduced into the universe data in the first quarter of each calendar year.

Approximately one-third of all establishments in the universe are included in the universe program's annual Standard Industrial Classification (SIC) refiling survey. Corrections to individual establishments SIC and ownership codes are made through this process. The refiling cycle is such that every third year entire division(s) are subject to refiling. The volume of these adjustments is generally quite large and has a substantial impact on universe employment counts at the industry levels, although the total nonfarm employment level remains unaffected. For example, in a year when the services division is refiled, a substantial amount of employment is usually reclassified out of services to other major divisions, thus, lowering the benchmark level for services, and potentially causing a significant downward revision in the services employment totals previously published.

Hours and earnings. The hours and earnings estimates for the basic estimating cells do not have universe data sources available and therefore are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and

earnings estimates, however, are subject to sampling errors, which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table 2-F and for individual industries with the specified number of employees in table 2-E. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

Revisions between preliminary and final data. First preliminary estimates of employment, hours, and earnings, based on less than the total sample, are published immediately following the reference month. Final revised sample-based estimates are published 2 months later when nearly all the reports in the sample have been received. Table 2-G presents the root-mean-square error, the mean percent, and the mean absolute percent revision that may be expected between the preliminary and final employment estimates.

Table 2-C. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1992

| Industry | Bench- marks (thousands) | Sample coverage ¹ | | |
|---|--------------------------------|----------------------------------|-----------------------|----------------------------------|
| | | Number of establish- ments | Employees | |
| | | | Number (thousands) | Percent of bench- marks |
| Total | 107,300 | 308,646 | 41,726 | 39 |
| Mining | 634 | 3,723 | 276 | 44 |
| Construction | 4,117 | 25,786 | 831 | 20 |
| Manufacturing | 17,973 | 56,010 | 8,967 | 50 |
| Transportation and public utilities | 5,655 | 215,743 | 2,308 | 41 |
| Wholesale trade ... | 5,993 | 26,002 | 1,149 | 19 |
| Retail trade | 18,855 | 62,769 | 4,534 | 24 |
| Finance, insurance, and real estate ... | 6,534 | 22,709 | 2,122 | 32 |
| Services | 28,586 | 72,661 | 7,253 | 25 |
| Government: | | | | |
| Federal | 2,974 | (³) | 2,974 | 100 |
| State | 4,494 | 5,586 | 3,656 | 81 |
| Local | 11,485 | 17,657 | 7,656 | 67 |

¹ Counts reflect reports used in final estimates. Because not all establishments report payroll and hours information, hours and earnings estimates are based on a smaller sample than employment estimates.

² The Interstate Commerce Commission provides a complete count of employment for Class I railroads. A small sample is used to estimate hours and earnings data.

³ Total Federal employment counts by agency for use in national estimates are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 5,623 reports covering about 60 percent of employment in Federal establishments.

Table 2-D. Current (March 1992) and historical benchmark revisions
(Numbers in thousands)

| Industry | March 1992 benchmark revision | | 10-year average mean percent revision ¹ | |
|--|----------------------------------|------------------|---|----------|
| | Level | Percent | Actual | Absolute |
| Total | -59 | -0.1 | -0.1 | 0.2 |
| Total private | -130 | -.1 | -.2 | .3 |
| Goods-producing | -263 | -1.2 | -.7 | .7 |
| Mining | -5 | -.8 | -2.5 | 2.5 |
| Oil and gas extraction | -4 | -1.1 | -2.7 | 2.9 |
| Construction | -109 | -2.6 | -.5 | 1.4 |
| General building contractors | -36 | -3.6 | -.5 | 2.0 |
| Manufacturing | -149 | -.8 | -.6 | .7 |
| Durable goods | -101 | -1.0 | -.6 | .7 |
| Lumber and wood products | -12 | -1.8 | -1.2 | 1.4 |
| Furniture and fixtures | 9 | 1.9 | -.3 | .9 |
| Stone, clay, and glass products | -6 | -1.2 | -.4 | 1.0 |
| Primary metal industries | -11 | -1.6 | -.7 | 1.0 |
| Blast furnaces and basic steel products | -3 | -1.2 | -.1 | 1.5 |
| Fabricated metal products | -12 | -.9 | -.7 | .9 |
| Industrial machinery and equipment | -23 | -1.2 | -1.0 | 1.2 |
| Electronic and other electrical equipment | -22 | -1.4 | -1.1 | 1.2 |
| Transportation equipment | -4 | -.2 | .3 | 1.1 |
| Motor vehicles and equipment | -1 | -.1 | .7 | 1.3 |
| Instruments and related products | -19 | -2.0 | -.5 | 1.7 |
| Miscellaneous manufacturing | -2 | -.6 | -1.2 | 1.3 |
| Nondurable goods | -48 | -.6 | -.6 | .7 |
| Food and kindred products | -16 | -1.0 | -.8 | 1.0 |
| Tobacco products | 0 | 0 | -.3 | 3.8 |
| Textile mill products | -7 | -1.0 | -.4 | .6 |
| Apparel and other textile products | -13 | -1.3 | -1.0 | 1.3 |
| Paper and allied products | -1 | -.1 | -.2 | .5 |
| Printing and publishing | -17 | -1.1 | -.3 | .9 |
| Chemicals and allied products | 11 | 1.0 | -.4 | .8 |
| Petroleum and coal products | 4 | 2.5 | -.1 | 1.5 |
| Rubber and miscellaneous plastics products | -5 | -.6 | -.7 | 1.6 |
| Leather and leather products | -4 | -3.4 | -2.3 | 3.6 |
| Service-producing | 204 | .2 | 0 | .3 |
| Transportation and public utilities | -33 | -.6 | -.5 | .6 |
| Transportation | -33 | -1.0 | -.8 | 1.2 |
| Communications and public utilities | 0 | 0 | -.1 | .7 |
| Wholesale trade | 44 | .7 | -.4 | 1.0 |
| Durable goods | 22 | .6 | -.7 | 1.1 |
| Nondurable goods | 22 | .9 | .1 | .8 |
| Retail trade | 164 | .9 | .3 | .6 |
| General merchandise stores | 85 | 3.6 | .7 | 1.9 |
| Food stores | 0 | 0 | -.7 | 1.2 |
| Auto dealers and service stations | -39 | -2.0 | -.5 | 1.3 |
| Eating and drinking places | 115 | 1.8 | .8 | 1.3 |
| Finance, insurance, and real estate | -100 | -1.5 | -.5 | .6 |
| Finance | -75 | -2.4 | -.7 | .8 |
| Insurance | -7 | -.3 | 0 | .8 |
| Real estate | -18 | -1.4 | -.5 | 1.4 |
| Services | 58 | .2 | .1 | .5 |
| Business services | 2 | (²) | .3 | 1.6 |
| Health services | 20 | .2 | -.5 | .9 |
| Government | 71 | .4 | .1 | .3 |
| Federal | 0 | 0 | 0 | 0 |
| State | 27 | .6 | .4 | .7 |
| Local | 44 | .4 | 0 | .4 |

¹ Data relate to the 1983-92 benchmarks, as originally published. Benchmark levels for 1982-90 were subsequently corrected.

² Less than 0.05 percent.

Table 2-E. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

| Size of employment estimate | Root-mean-square error of employment estimates ¹ | Relative error ² (in percent) | |
|-----------------------------|---|--|-------------------------|
| | | Average weekly hours | Average hourly earnings |
| 50,000 | 2,100 | 2.2 | 4.0 |
| 100,000 | 3,900 | 1.3 | 2.3 |
| 200,000 | 5,600 | 1.1 | 2.0 |
| 500,000 | 14,000 | .9 | 1.6 |
| 1,000,000 | 15,000 | .8 | 1.2 |
| 2,000,000 | 26,000 | .5 | .9 |

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to 1982 data.

Table 2-F. Relative errors for average weekly hours and average hourly earnings by industry

(In percent)

| Industry | Relative error ¹ | |
|---|-----------------------------|-------------------------|
| | Average weekly hours | Average hourly earnings |
| Total private | 0.1 | 0.2 |
| Mining | 1.0 | 1.3 |
| Construction | .2 | .5 |
| Manufacturing | .1 | .2 |
| Durable goods | .1 | .3 |
| Nondurable goods | .1 | .2 |
| Transportation and public utilities | .7 | .6 |
| Wholesale trade | .2 | .4 |
| Retail trade | .2 | .4 |
| Finance, insurance, and real estate | .2 | .4 |
| Services | .4 | .6 |

¹ Relative errors relate to 1982 data.

The interpretation of these measures is parallel to the description above for revisions between final sample-based estimates and benchmarks (i.e., tables 2-C and 2-E).

Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings, at the total private nonfarm level, and may be slightly larger for the more detailed industry groupings.

STATISTICS FOR STATES AND AREAS

(Tables B-8 and C-8)

As explained earlier, State agencies in cooperation with BLS collect and prepare State and area employment, hours, and earnings data. These statistics are based on the same establishment reports used by BLS, however, BLS uses the full CES sample to produce monthly national employment estimates, while each State agency uses its portion of the sample to independently develop a State employment estimate.

The CES area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue.

Caution in aggregating State data. The national estimation procedures used by BLS are designed to produce accurate national data by detailed industry; correspondingly the State estimation procedures are designed to produce accurate data for each individual State. State estimates are not forced to sum to national totals nor vice versa. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause distortions at an aggregate level. This has been a particular problem at turning points in the U.S. economy, when the majority of the individual State errors tend to be in the same direction. Due to these statistical limitations, the Bureau does not compile or publish a "sum-of-States" employment series. Additionally BLS cautions users that such a series is subject to a relatively large and volatile error structure, particularly at turning points.

Table 2-G. Errors of preliminary employment estimates

| Industry | Root-mean-square error of monthly level | Mean percent revision | |
|--|--|-----------------------|----------|
| | | Actual | Absolute |
| Total | 78,200 | 0.0 | 0.1 |
| Total private | 55,500 | 0 | 0 |
| Goods-producing industries | 17,900 | 0 | .1 |
| Mining | 2,600 | 0 | .3 |
| Oil and gas extraction | 2,300 | .1 | .4 |
| Construction | 10,800 | .1 | .2 |
| General building contractors | 4,600 | .1 | .2 |
| Manufacturing | 12,500 | 0 | .1 |
| Durable goods | 9,300 | 0 | .1 |
| Lumber and wood products | 1,500 | 0 | .2 |
| Furniture and fixtures | 1,400 | 0 | .2 |
| Stone, clay, and glass products | 1,300 | 0 | .2 |
| Primary metal industries | 1,800 | -.1 | .2 |
| Blast furnaces and basic steel products | 1,400 | -.2 | .4 |
| Fabricated metal products | 2,200 | 0 | .1 |
| Industrial machinery and equipment | 3,000 | 0 | .1 |
| Electronic and other electrical equipment | 3,300 | 0 | .1 |
| Transportation equipment | 4,500 | -.1 | .2 |
| Motor vehicles and equipment | 3,800 | 0 | .4 |
| Aircraft and parts ¹ | 1,600 | -.1 | .2 |
| Instruments and related products | 1,900 | 0 | .2 |
| Miscellaneous manufacturing | 1,500 | 0 | .3 |
| Nondurable goods | 7,000 | 0 | .1 |
| Food and kindred products | 4,300 | 0 | .2 |
| Tobacco products | 600 | .2 | 1.0 |
| Textile mill products | 1,800 | 0 | .2 |
| Apparel and other textile products | 2,800 | 0 | .2 |
| Paper and allied products | 1,500 | 0 | .2 |
| Printing and publishing | 1,800 | 0 | .1 |
| Chemicals and allied products | 1,800 | 0 | .1 |
| Petroleum and coal products | 800 | -.1 | .4 |
| Rubber and misc. plastics products | 1,700 | 0 | .2 |
| Leather and leather products | 900 | -.1 | .6 |
| Service-producing industries | 71,700 | 0 | .1 |
| Transportation and public utilities | 9,100 | 0 | .1 |
| Transportation | 7,400 | .0 | .2 |
| Trucking and warehousing ¹ | 5,300 | 0 | .2 |
| Transportation by air ¹ | 2,400 | -.1 | .3 |
| Communications and public utilities | 4,400 | -.1 | .1 |
| Wholesale trade | 6,300 | 0 | .1 |
| Durable goods | 4,000 | 0 | .1 |
| Nondurable goods | 4,000 | 0 | .1 |
| Retail trade | 27,500 | 0 | .1 |
| General merchandise stores | 13,800 | 0 | .4 |
| Food stores | 6,200 | 0 | .2 |
| Automotive dealers and service stations | 4,400 | 0 | .1 |
| Apparel and accessory stores ¹ | 6,800 | 0 | .4 |
| Eating and drinking places | 8,000 | 0 | .1 |
| Finance, insurance, and real estate | 7,400 | 0 | .1 |
| Finance | 4,800 | 0 | .1 |
| Depository institutions ¹ | 3,700 | -.1 | .1 |
| Insurance | 3,200 | 0 | .1 |
| Real estate | 4,000 | .1 | .2 |
| Services | 32,900 | 0 | .1 |
| Agricultural services ¹ | 2,900 | 0 | .5 |
| Hotels and other lodging places ¹ | 6,300 | 0 | .3 |
| Personal services ¹ | 9,800 | -.1 | .6 |
| Business services | 14,500 | .1 | .2 |
| Personnel supply services ¹ | 10,400 | .3 | .5 |

Table 2-G. Errors of preliminary employment estimates—Continued

| Industry | Root-mean-square error of monthly level | Mean percent revision | |
|--|--|-----------------------|-----------|
| | | Actual | Absolute |
| Service-producing industries—Continued | | | |
| Auto repair, services, and parking ¹ | 2,900 | -.1 | .2 |
| Miscellaneous repair services ¹ | 1,500 | -.1 | .3 |
| Motion pictures ¹ | 4,700 | 0 | 1.0 |
| Amusement and recreation services ¹ | 14,500 | .7 | 1.1 |
| Health services | 8,100 | 0 | .1 |
| Hospitals ¹ | 3,700 | 0 | .1 |
| Legal services ¹ | 1,700 | -.1 | .1 |
| Educational services ¹ | 11,500 | 0 | .5 |
| Social services ¹ | 7,300 | 0 | .3 |
| Museums and botanical and zoological gardens ¹ .. | 700 | -.4 | .8 |
| Membership organizations ¹ | 4,300 | 0 | .2 |
| Engineering and management services ¹ | 3,400 | 0 | .1 |
| Government | 47,000 | 0 | .2 |
| Federal | 15,100 | .1 | .4 |
| State | 19,100 | 0 | .3 |
| Local | 30,000 | 0 | .2 |

¹ Data based on differences from January 1990 through December 1992.

NOTE: Errors are based on differences from January 1988 through

December 1992. Data used in the computations for several industries are not strictly comparable due to changes in the industrial classification system, unless otherwise noted.

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

COLLECTION

Productivity data are compiled by the Bureau of Labor Statistics from establishment and household survey labor input data and from measures of compensation and output supplied by the U.S. Department of Commerce and the Federal Reserve Board.

CONCEPTS

Hours of wage and salary workers in nonfarm establishments (table C-9) refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers. For productivity and cost measures (tables C-10, 11), hours of all persons include hours of employees, proprietors, and unpaid family workers. Labor input is measured by hours at the worksite.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of all persons (productivity) measure changes in the volume of goods and services produced per hour at work.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted by the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour.

Unit nonlabor payments include profits, capital consumption allowances, interest, rental income of persons,

and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross product originating in the sector and dividing by output. In these tables, *unit nonlabor costs* contain all the components of unit nonlabor payments except unit profits.

Unit profits include corporate profits and inventory valuation and capital consumption adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for the gross product of the sector reported.

NOTES ON THE DATA

For the business sector and the nonfarm business sector, these indexes relate to the gross domestic product less general government, households and institutions, owner-occupied housing, and the statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business. All measures are seasonally adjusted.

Manufacturing output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis.

Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics. Historical statistics for most productivity measures appear in *Trends in Multifactor Productivity, 1948-81*, BLS Bulletin 2178. Additional information may be obtained from the Office of Productivity and Technology (202-606-5606).

Regional, State, and Area Labor Force Data (Tables D-1 through D-3)

FEDERAL-STATE COOPERATIVE PROGRAM

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

Annual average data for the States and areas shown in table D-3 are published in *Employment and Earnings* (usually the May issue). For regions, States, selected metropolitan areas, and central cities, annual average data classified by selected demographic, social, and economic characteristics are published in the BLS bulletin, *Geographic Profile of Employment and Unemployment*.

Labor force estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. The report "Unemployment in States and Local Areas" is published monthly through GPO and is available in microfiche form only, on a subscription basis.

ESTIMATING METHODS

Monthly labor force, employment, and unemployment estimates are prepared for the 50 States, the District of Columbia, and over 2,600 labor market areas. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. A more detailed description of the estimation procedure is contained in the BLS document, *Manual for Developing Local Area Unemployment Statistics*.

Estimates for States

Current monthly estimates. The civilian labor force and unemployment estimates for the 11 largest States—California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas—are sufficiently reliable to be taken directly from the Current Population Survey (CPS) on a monthly basis. These are termed "direct-use States." For a description of the CPS concepts, see "Household Data," above.

For the 39 smaller States and the District of Columbia, which do not use the CPS directly each month, regression models (sets of equations) are used to develop employment and unemployment estimates. These are the "non-direct-use" States. The regression techniques are based on historical and current relationships found within each State's economy as reflected in the different sources of data that are available for each State—the CPS, the Current Employment Statistics (CES) survey, and the unemployment insurance (UI) system. When the estimation procedures were introduced in 1989, over 10 years of data were used to develop the equations for each State. While all the State models have important variables in common, they differ somewhat from one another so as to better reflect individual State characteristics.

Two models—one for employment and one for the unemployment rate—are used for each State. The unemployment rate, rather than the unemployment level, is modeled primarily because the rate is usually more meaningful for economic analysis.

The employment models use the CES estimates of non-farm wage and salary jobs and also include data for employed persons not covered or only partially covered by the CES survey. Typically, these are agricultural workers, the self-employed, unpaid family workers, and private household workers.

The unemployment rate models also include different types of data. Data for UI claimants (without earnings due to employment) are used to represent most of the experienced unemployed. The models also include an employment-to-population ratio which reflects both the business cycle and the experienced unemployed not covered by the UI claims data. New entrants and reentrants into the labor force are also addressed in the models. For some States, the models include variables which adjust for seasonal factors not reflected in the other data used, such as the large increase in the labor force at the end of the school year.

In both the employment and unemployment rate models, an important feature is the use of a technique that allows the equations to adjust automatically to structural changes that occur. The models are termed "variable coefficient models" because they include a built-in tuning mechanism, known as the Kalman Filter, which revises a model's coefficients when the new data that become available each month indicate that changes in the data relationships have taken place. Once the estimates are developed from the models, the unemployment level and labor force estimates are calculated.

Benchmark correction procedures. Once each year, monthly estimates for the 39 non-direct-use States and the District of Columbia are adjusted, or benchmarked, by

BLS to the annual average CPS estimates. The benchmarking technique employs a procedure (called the Denton method) which adjusts the annual average of the models to equal the CPS annual average, while preserving, as much as possible, the original monthly seasonal pattern of the model estimates.

In the 11 direct-use States, no benchmark correction is required; the average of the 12 monthly State CPS estimates will equal the CPS annual averages.

Estimates for sub-State areas

Monthly labor force and employment estimates for two large sub-State areas—New York City and the Los Angeles-Long Beach metropolitan area—are obtained directly from the CPS. Estimates for all other sub-State areas, more than 2,600 labor market areas (LMA's), are prepared through indirect estimation techniques, described below.

Preliminary estimate—employment. The total civilian employment estimates are based on CES data. These “place-of-work” estimates must be adjusted to refer to place of residence as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for several categories of employment on the basis of employment relationships at the time of the 1980 decennial census. These factors are applied to the CES estimates for the current period to obtain adjusted employment esti-

mates, to which are added estimates for employment not represented in the CES—agricultural employees, nonagricultural self-employed and unpaid family workers, and private household workers.

Preliminary estimate—unemployment. In the current month, the estimate of unemployment is an aggregate of the estimates for each of three categories: (1) Persons who were previously employed in industries covered by State UI laws; (2) those previously employed in industries not covered by these laws; and (3) those who were entering the civilian labor force for the first time or reentering after a period of separation.

Sub-State adjustment for additivity. Estimates of employment and unemployment are prepared for the State and LMA's within the State. The LMA estimates geographically exhaust the entire State. Thus, a proportional adjustment must be applied to all sub-State LMA estimates to ensure that they add to the independently estimated State totals for employment and unemployment.

Benchmark correction. At the end of each year, sub-State estimates are revised. The revisions incorporate any changes in the inputs, such as revisions in the CES-based employment figures, corrections in claims counts, and updated historical relationships. The corrected estimates are then readjusted to add to the revised (benchmarked) State estimates of employment and unemployment.

Seasonal Adjustment

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

Since January 1980, national labor force data have been seasonally adjusted with a procedure called X-11 ARIMA (Auto-Regressive Integrated Moving Average), which was developed at Statistics Canada as an extension of the standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method* by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, January 1983.

At the beginning of each calendar year, projected seasonal adjustment factors are calculated for use during the January-June period. In July of each year, BLS calculates and publishes in *Employment and Earnings* projected seasonal adjustment factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years are made only at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is a sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment

components. The total for unemployment is the sum of the four unemployment components, and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

In each January issue, *Employment and Earnings* publishes revised seasonally adjusted data for selected labor force series based on the experience through December, new seasonal adjustment factors to be used to calculate the civilian unemployment estimate for the first 6 months of the following year, and a description of the current seasonal adjustment procedure. Revised seasonally adjusted data covering the revision period for a broader range of labor force series are published in the February issue of this publication.

Beginning in 1992, BLS introduced publication of seasonally adjusted labor force data for the census regions and divisions, the 50 States, and the District of Columbia. (tables D-1 and D-2). Using the X-11 ARIMA procedure, seasonal adjustment factors are computed and applied independently to the component employment and unemployment levels and then aggregated to regional or State totals. Current seasonal adjustment factors are produced for 6-month periods twice a year. Historical revisions are made at the beginning of each calendar year. Because of the separate processing procedures, totals for the Nation as a whole differ from the results obtained by aggregating regional or State data.

Since the early 1980's, BLS has also used the X-11 ARIMA procedure to seasonally adjust establishment-based employment, hours, and earnings data. The X-11 ARIMA program had been run once each year after benchmarking and seasonal adjustment factors had been projected and published for 12 months ahead (April-March). Beginning in June 1989, with the introduction of the March 1988 benchmarks, the Bureau modified this procedure to parallel that used in seasonally adjusting household survey data. Projected seasonal adjustment factors are calculated and published twice a year. Revisions of historical data will continue to be made once a year, coincident with benchmark revisions.

All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. For employment, seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for hours and earnings series are obtained by taking a weighted average of the seasonally adjusted data for the component series.

Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, season-

ally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1982 annual average base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These failed or unsatisfactory seasonally adjusted series, however, are used in the aggregation to broader level seasonally adjusted series.

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers

for the decennial census, however, are removed prior to the calculation of seasonal adjustment factors.

BLS has developed an extension of X-11 ARIMA to allow it to adjust more adequately for the effects of the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period. This extension was applied for the first time at the end of 1989 to three persons-at-work labor force series which tested as having significant and well-defined effects in their April data associated with the timing of Easter. This extension was also used for the seasonal adjustment of many of the establishment-based series on average weekly hours and manufacturing over-time hours, starting with the computation of the projected factors for the period beginning in April 1990.

Revised seasonally adjusted establishment-based series based on the experience through March 1993, new seasonal adjustment factors for May-October 1993, and a description of the current seasonal adjustment procedure appear in the June 1993 issue of *Employment and Earnings*.

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

| Regional Office | Cooperating State Agencies | | | |
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| | Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs | | | |
| | BLS Region | BLS Region | | |
| REGION I—BOSTON 1 Congress Street 10th Floor Boston, MA 02114 Phone: (617) 565-2327 | IV ALABAMA | Department of Industrial Relations, Room 427, Industrial Relations Bldg., Montgomery 36130 | VIII MONTANA | Department of Labor and Industry, P.O. Box 1728, Helena 59624 |
| | X ALASKA | Department of Labor, Research and Analysis Section, 1111 West 8th St., Juneau 99802-5501 | VII NEBRASKA | Department of Labor, P.O. Box 94600, Lincoln 68509-4600 |
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| | III DELAWARE | Department of Labor, Office of Occupational and Labor Market Information, P.O. Box 9029, Newark 19714-9029 | IV NORTH CAROLINA | Employment Security Commission, Labor Market Information Division, P.O. Box 25903, Raleigh 27611 |
| REGION V—CHICAGO 9th Floor 230 South Dearborn Street Chicago, IL 60604 Phone: (312) 353-1880 | III DIST. OF COL. | Department of Employment Services, Division of Labor Market Information and Analysis, Room 201, 500 C St., NW., Washington, DC 20001 | VIII NORTH DAKOTA | Job Service, P.O. Box 1537, Bismarck 58502 |
| | IV FLORIDA | Florida Department of Labor and Employment Security, Bureau of Labor Market Information, Suite 203, 2574 Seagate Dr., Tallahassee 32399-0674 | V OHIO | Bureau of Employment Services, Labor Market Information Division, 1160 Dublin Rd., Columbus 43215 |
| REGION VI—DALLAS Room 221 Federal Building 525 Griffin Street Dallas, TX 75202 Phone: (214) 767-6970 | IV GEORGIA | Department of Labor, Labor Information Systems, 148 International Blvd., NE., Atlanta 30303 | VI OKLAHOMA | Employment Security Commission, Research and Planning Division, 2401 North Lincoln, Oklahoma City 73105 |
| | IX HAWAII | Department of Labor and Industrial Relations, Research and Statistics Office, Room 304, 830 Punchbowl St., Honolulu 96813 | X OREGON | Employment Division, 875 Union St., NE., Salem 97311 |
| REGIONS VII and VIII—KANSAS CITY 15th Floor 911 Walnut Street Kansas City, MO 64106 Phone: (816) 426-2481 | X IDAHO | Department of Employment, 317 Main St., Boise 83735 | III PENNSYLVANIA | Department of Labor and Industry, Research and Statistics Division, Room 1216, 7th and Forster Sts., Harrisburg 17121 |
| | V ILLINOIS | Department of Employment Security, (2 South), 401 South State St., Chicago 60605 | II PUERTO RICO | Department of Labor and Human Resources, Bureau of Labor Statistics, 17th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (CES), Bureau of Employment Security, Research and Analysis Section, 15th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (LAUS) |
| REGIONS IX and X—SAN FRANCISCO 71 Stevenson Street P.O. Box 193766 San Francisco, CA 94119 Phone: (415) 744-6600 | V INDIANA | Department of Employment and Training Services, Statistical Services Division, 10 North Senate Avenue, Indianapolis 46204 | I RHODE ISLAND | Department of Employment Security, 24 Mason St., Providence 02903 |
| | VII IOWA | Department of Employment Services, 1000 East Grand Avenue, Des Moines 50319 | IV SOUTH CAROLINA | Employment Security Commission, Labor Market Information Division, P.O. Box 995, Columbia 29202 |
| | VII KANSAS | Department of Human Resources, 401 Topeka Avenue, Topeka 66603 | VIII SOUTH DAKOTA | Department of Labor, Labor Market Information Center, P.O. Box 4730, Aberdeen 57401 |
| | IV KENTUCKY | Department for Employment Services, Labor Market Research and Analysis Branch, 275 East Main St., Frankfort 40621 | IV TENNESSEE | Department of Employment Security, Research and Statistics Division, 519 Cordell Hull Office Bldg., Nashville 37219 |
| | VI LOUISIANA | Department of Labor, Research and Statistics Section, 1001 North 23rd St., Baton Rouge 70804-9094 | VI TEXAS | Employment Commission, Room 208-T, 1117 Trinity St., Austin 78778 |
| | I MAINE | Department of Labor, Division of Economic Analysis and Research, 20 Union St., Augusta 04330 | VIII UTAH | Department of Employment Security, Labor Market Information Services, P.O. Box 11249, Salt Lake City 84147 |
| | III MARYLAND | Department of Employment and Training, Research and Analysis Division, 1100 North Eutaw St., Baltimore 21201 | I VERMONT | Department of Employment and Training, Office of Policy and Public Information, P.O. Box 488, Montpelier 05602 |
| | I MASSACHUSETTS | Department of Employment and Training, Government Center, Charles F. Hurley Bldg., Boston 02114 | III VIRGINIA | Employment Commission, Economic Information Services, P.O. Box 1358, Richmond 23211 |
| | V MICHIGAN | Employment Security Commission, Research and Statistics Division, Room 516, 7310 Woodward Avenue, Detroit 48202 | II VIRGIN ISLANDS | Department of Labor, Bureau of Labor Statistics, 53-A, 54-A&B Kronprindsens Gade Charlotte Amalie, St. Thomas 00801-3359 (CES) |
| | V MINNESOTA | Department of Jobs and Training, Research and Statistics Division, 5th Fl., 390 North Robert St., St. Paul 55101 | X WASHINGTON | Employment Security Department, Labor Market and Economic Analysis Branch, 605 Woodview Dr., Olympia 98503 |
| | IV MISSISSIPPI | Employment Security Commission, Labor Market Information Division, P.O. Box 1699, Jackson 39215-1699 | III WEST VIRGINIA | Department of Employment Security, Division of Labor and Economic Security, 112 California Avenue, Charleston 25305 |
| | VII MISSOURI | Division of Employment Security, P.O. Box 59, Jefferson City 65104 | V WISCONSIN | Department of Industry, Labor, and Human Relations, Labor Market Information Bureau, 201 East Washington Avenue, Madison 53707 |
| | | | VIII WYOMING | Employment Security Commission, Research and Analysis Section, P.O. Box 2760, Casper 82602 |