

**NOTE: Many of the statistics in the following pages were subsequently revised. These pages have not been updated to reflect the revisions.**

To obtain BLS data that reflect all revisions, see <http://www.bls.gov/data/home.htm>

For the latest set of "Current Labor Statistics," see <http://www.bls.gov/opub/mlr/curlabst.htm>

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# Notes on Current Labor Statistics

This section of the *Review* presents the principal statistical series collected and calculated by the Bureau of Labor Statistics: series on labor force; employment; unemployment; labor compensation; consumer, producer, and international prices; productivity; international comparisons; and injury and illness statistics. In the notes that follow, the data in each group of tables are briefly described; key definitions are given; notes on the data are set forth; and sources of additional information are cited.

## General notes

The following notes apply to several tables in this section:

**Seasonal adjustment.** Certain monthly and quarterly data are adjusted to eliminate the effect on the data of such factors as climatic conditions, industry production schedules, opening and closing of schools, holiday buying periods, and vacation practices, which might prevent short-term evaluation of the statistical series. Tables containing data that have been adjusted are identified as “seasonally adjusted.” (All other data are not seasonally adjusted.) Seasonal effects are estimated on the basis of past experience. When new seasonal factors are computed each year, revisions may affect seasonally adjusted data for several preceding years.

Seasonally adjusted data appear in tables 1–14, 16–17, 43, and 47. Seasonally adjusted labor force data in tables 1 and 4–9 were revised in the March 2003 issue of the *Review*. Seasonally adjusted establishment survey data shown in tables 1, 12–14 and 16–17 were revised in the July 2002 *Review* and reflect the experience through March 2002. A brief explanation of the seasonal adjustment methodology appears in “Notes on the data.”

Revisions in the productivity data in table 49 are usually introduced in the September issue. Seasonally adjusted indexes and percent changes from month-to-month and quarter-to-quarter are published for numerous Consumer and Producer Price Index series. However, seasonally adjusted indexes are not published for the U.S. average All-Items CPI. Only seasonally adjusted percent changes are available for this series.

**Adjustments for price changes.** Some data—such as the “real” earnings shown in table 14—are adjusted to eliminate the effect of changes in price. These adjustments are made by dividing current-dollar values by the Consumer Price Index or the appropriate component of the index, then multiplying by 100. For example, given a current

hourly wage rate of \$3 and a current price index number of 150, where 1982 = 100, the hourly rate expressed in 1982 dollars is \$2 ( $\$3/150 \times 100 = \$2$ ). The \$2 (or any other resulting values) are described as “real,” “constant,” or “1982” dollars.

## Sources of information

Data that supplement the tables in this section are published by the Bureau in a variety of sources. Definitions of each series and notes on the data are contained in later sections of these Notes describing each set of data. For detailed descriptions of each data series, see *BLS Handbook of Methods*, Bulletin 2490. Users also may wish to consult *Major Programs of the Bureau of Labor Statistics*, Report 919. News releases provide the latest statistical information published by the Bureau; the major recurring releases are published according to the schedule appearing on the back cover of this issue.

More information about labor force, employment, and unemployment data and the household and establishment surveys underlying the data are available in the Bureau’s monthly publication, *Employment and Earnings*. Historical unadjusted and seasonally adjusted data from the household survey are available on the Internet:

<http://www.bls.gov/cps/>

Historically comparable unadjusted and seasonally adjusted data from the establishment survey also are available on the Internet:

<http://www.bls.gov/ces/>

Additional information on labor force data for areas below the national level are provided in the BLS annual report, *Geographic Profile of Employment and Unemployment*.

For a comprehensive discussion of the Employment Cost Index, see *Employment Cost Indexes and Levels, 1975–95*, BLS Bulletin 2466. The most recent data from the Employee Benefits Survey appear in the following Bureau of Labor Statistics bulletins: *Employee Benefits in Medium and Large Firms*; *Employee Benefits in Small Private Establishments*; and *Employee Benefits in State and Local Governments*.

More detailed data on consumer and producer prices are published in the monthly periodicals, *The CPI Detailed Report* and *Producer Price Indexes*. For an overview of the 1998 revision of the CPI, see the December 1996 issue of the *Monthly Labor Review*. Additional data on international prices appear in monthly news releases.

Listings of industries for which productivity indexes are available may be found on the Internet:

<http://www.bls.gov/lpc/>

For additional information on international comparisons data, see *International Comparisons of Unemployment*, BLS Bulletin 1979.

Detailed data on the occupational injury and illness series are published in *Occupational Injuries and Illnesses in the United States, by Industry*, a BLS annual bulletin.

Finally, the *Monthly Labor Review* carries analytical articles on annual and longer term developments in labor force, employment, and unemployment; employee compensation and collective bargaining; prices; productivity; international comparisons; and injury and illness data.

## Symbols

n.e.c. = not elsewhere classified.

n.e.s. = not elsewhere specified.

p = preliminary. To increase the timeliness of some series, preliminary figures are issued based on representative but incomplete returns.

r = revised. Generally, this revision reflects the availability of later data, but also may reflect other adjustments.

## Comparative Indicators

(Tables 1–3)

Comparative indicators tables provide an overview and comparison of major BLS statistical series. Consequently, although many of the included series are available monthly, all measures in these comparative tables are presented quarterly and annually.

**Labor market indicators** include employment measures from two major surveys and information on rates of change in compensation provided by the Employment Cost Index (ECI) program. The labor force participation rate, the employment-to-population ratio, and unemployment rates for major demographic groups based on the Current Population (“household”) Survey are presented, while measures of employment and average weekly hours by major industry sector are given using nonfarm payroll data. The Employment Cost Index (compensation), by major sector and by bargaining status, is chosen from a variety of BLS compensation and wage measures because it provides a comprehensive measure of employer costs for hiring labor, not just outlays for wages, and it is not affected by employment shifts among occupations and industries.

Data on **changes in compensation, prices, and productivity** are presented in table 2. Measures of rates of change of compensation and wages from the Employment Cost Index program are provided for all civilian nonfarm workers (excluding Federal and household workers) and for all private nonfarm workers. Measures of changes in consumer prices for all urban consumers; producer prices by stage of processing; overall prices by stage of processing; and overall export and import price indexes are given. Measures of productivity (output per hour of all persons) are provided for major sectors.

**Alternative measures of wage and compensation rates of change**, which reflect the overall trend in labor costs, are summarized in table 3. Differences in concepts and scope, related to the specific purposes of the series, contribute to the variation in changes among the individual measures.

### Notes on the data

Definitions of each series and notes on the data are contained in later sections of these notes describing each set of data.

## Employment and Unemployment Data

(Tables 1; 4–24)

### Household survey data

#### Description of the series

EMPLOYMENT DATA in this section are obtained from the Current Population Survey, a program of personal interviews conducted monthly by the Bureau of the Census for the Bureau of Labor Statistics. The sample consists of about 60,000 households selected to represent the U.S. population 16 years of age and older. Households are interviewed on a rotating basis, so that three-fourths of the sample is the same for any 2 consecutive months.

#### Definitions

**Employed persons** include (1) all those who worked for pay any time during the week which includes the 12th day of the month or who worked unpaid for 15 hours or more in a family-operated enterprise and (2) those who were temporarily absent from their regular jobs because of illness, vacation, industrial dispute, or similar reasons. A person working at more than one job is counted only in the job at which he or she worked the greatest number of hours.

Beginning with data for January 2003, monthly Current Population Survey (CPS) estimates appearing in this section are based on population controls derived from Census 2000. (Previously, they were based on updated 1990 census population controls.) CPS data back to January 2000 have been revised to reflect the new population controls. Also, data now are presented for persons who report they are white (and no other race), black or African American (and no other race), and of Hispanic or Latino ethnicity.

In addition, beginning in January 2003, the CPS adopted the 2002 census industry and occupational classification systems derived from the 2002 North American Industry Classification System and the 2000 Standard Occupational Classification system. These new classification systems create breaks in the time series for industry and occupational data at all levels of aggregation (the former industry and occupational categories have been discontinued). For additional information, see "Revisions to the Current Population Survey Effective in January 2003," *Employment and Earnings*, February 2003 (Bureau of Labor Statistics) or the BLS Web site:

<http://www.bls.gov/cps/>

**Unemployed persons** are those who did not work during the survey week, but were available for work except for temporary illness and had looked for jobs within the preceding 4 weeks. Persons who did not look for work because they were on layoff are also counted among the unemployed. **The unemployment rate** represents the number unemployed as a percent of the civilian labor force.

The **civilian labor force** consists of all employed or unemployed persons in the civilian noninstitutional population. Persons **not in the labor force** are those not classified as employed or unemployed. This group includes discouraged workers, defined as persons who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but are not currently looking, because they believe there are no jobs available or there are none for which they would qualify. The **civilian noninstitutional population** comprises all persons 16 years of age and older who are not inmates of penal or mental institutions, sanitariums, or homes for the aged, infirm, or needy. The **civilian labor force participation rate** is the proportion of the civilian noninstitutional population that is in the labor force. The **employment-population ratio**

is employment as a percent of the civilian noninstitutional population.

### Notes on the data

From time to time, and especially after a decennial census, adjustments are made in the Current Population Survey figures to correct for estimating errors during the intercensal years. These adjustments affect the comparability of historical data. A description of these adjustments and their effect on the various data series appears in the Explanatory Notes of *Employment and Earnings*.

Effective in January 2003, BLS began using the X-12 ARIMA seasonal adjustment program to seasonally adjust national labor force data. This program replaced the X-11 ARIMA program which had been used since January 1980. See "Revision of Seasonally Adjusted Labor Force Series in 2003," in the February 2003 issue of *Employment and Earnings* for a discussion of the introduction of the use of X-12 ARIMA for seasonal adjustment of the labor force data and the effects that it had on the data.

At the beginning of each calendar year, historical seasonally adjusted data usually are revised, and projected seasonal adjustment factors are calculated for use during the January–June period. The historical seasonally adjusted data usually are revised for only the most recent 5 years. In July, new seasonal adjustment factors, which incorporate the experience through June, are produced for the July–December period, but no revisions are made in the historical data.

FOR ADDITIONAL INFORMATION on national household survey data, contact the Division of Labor Force Statistics: (202) 691-6378.

## Establishment survey data

### Description of the series

EMPLOYMENT, HOURS, AND EARNINGS DATA in this section are compiled from payroll records reported monthly on a voluntary basis to the Bureau of Labor Statistics and its cooperating State agencies by about 300,000 establishments representing all industries except agriculture. Industries are classified in accordance with the 1987 *Standard Industrial Classification (SIC) Manual*. In most industries, the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. (An establishment is not necessarily a firm; it may be a branch plant, for example, or warehouse.) Self-employed persons and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establish-

ment records. This largely accounts for the difference in employment figures between the household and establishment surveys.

## Definitions

An **establishment** is an economic unit which produces goods or services (such as a factory or store) at a single location and is engaged in one type of economic activity.

**Employed persons** are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th day of the month. Persons holding more than one job (about 5 percent of all persons in the labor force) are counted in each establishment which reports them.

**Production workers** in manufacturing include working supervisors and nonsupervisory workers closely associated with production operations. Those workers mentioned in tables 11–16 include production workers in manufacturing and mining; construction workers in construction; and nonsupervisory workers in the following industries: transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services. These groups account for about four-fifths of the total employment on private nonagricultural payrolls.

**Earnings** are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. **Real earnings** are earnings adjusted to reflect the effects of changes in consumer prices. The deflator for this series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

**Hours** represent the average weekly hours of production or nonsupervisory workers for which pay was received, and are different from standard or scheduled hours. **Overtime hours** represent the portion of average weekly hours which was in excess of regular hours and for which overtime premiums were paid.

The **Diffusion Index** represents the percent of industries in which employment was rising over the indicated period, plus one-half of the industries with unchanged employment; 50 percent indicates an equal balance between industries with increasing and decreasing employment. In line with Bureau practice, data for the 1-, 3-, and 6-month spans are seasonally adjusted, while those for the 12-month span are unadjusted. Data are centered within the span. Table 17 provides an index on private nonfarm employment based on 356 industries, and a manufacturing index based on 139 industries. These indexes are useful for measuring the dispersion of economic gains or losses and are also economic indicators.

## Notes on the data

Establishment survey data are annually adjusted to comprehensive counts of employment (called “benchmarks”). The latest adjustment, which incorporated March 2001 benchmarks, was made with the release of May 2002 data, published in the July issue of the *Review*. Coincident with the benchmark adjustment, historical seasonally adjusted data were revised to reflect updated seasonal factors. Unadjusted data from April 2000 forward and seasonally adjusted data from January 1997 forward were revised with the release of the May 2002 data.

In addition to the routine benchmark revisions and updated seasonal factors introduced with the release of the May 2002 data, the first estimates for the transportation and public utilities; retail trade; and finance, insurance, and real estate industries were published from a new probability-based sample design. These industries are the third group to convert to a probability-based sample under a 4-year phase-in plan of a sample redesign project. The completion of the phase-in for the redesign, in June 2003 for the services industry, will coincide with the conversion of national establishment survey series from industry coding based on the 1987 Standard Industrial Classification (SIC) system to the North American Industry Classification System (NAICS). For additional information, see the the June 2002 issue of *Employment and Earnings*.

Revisions in State data (table 11) occurred with the publication of January 2002 data.

Beginning in June 1996, the BLS uses the X-12-ARIMA methodology to seasonally adjust establishment survey data. This procedure, developed by the Bureau of the Census, controls for the effect of varying survey intervals (also known as the 4- versus 5-week effect), thereby providing improved measurement of over-the-month changes and underlying economic trends. Revisions of data, usually for the most recent 5-year period, are made once a year coincident with the benchmark revisions.

In the establishment survey, estimates for the most recent 2 months are based on incomplete returns and are published as preliminary in the tables (12–17 in the *Review*). When all returns have been received, the estimates are revised and published as “final” (prior to any benchmark revisions) in the third month of their appearance. Thus, December data are published as preliminary in January and February and as final in March. For the same reasons, quarterly establishment data (table 1) are preliminary for the first 2 months of publication and final in the third month. Thus, fourth-quarter data are published as preliminary in January and February and as final in March.

FOR ADDITIONAL INFORMATION on establishment survey data, contact the Division of Current Employment Statistics: (202) 691-6555.

## Unemployment data by State

### Description of the series

Data presented in this section are obtained from the Local Area Unemployment Statistics (LAUS) program, which is conducted in cooperation with State employment security agencies.

Monthly estimates of the labor force, employment, and unemployment for States and sub-State areas are a key indicator of local economic conditions, and form the basis for determining the eligibility of an area for benefits under Federal economic assistance programs such as the Job Training Partnership Act. Seasonally adjusted unemployment rates are presented in table 10. Insofar as possible, the concepts and definitions underlying these data are those used in the national estimates obtained from the CPS.

### Notes on the data

Data refer to State of residence. Monthly data for all States and the District of Columbia are derived using standardized procedures established by BLS. Once a year, estimates are revised to new population controls, usually with publication of January estimates, and benchmarked to annual average CPS levels.

FOR ADDITIONAL INFORMATION on data in this series, call (202) 691-6392 (table 10) or (202) 691-6559 (table 11).

## Covered employment and wage data (ES-202)

### Description of the series

EMPLOYMENT, WAGE, AND ESTABLISHMENT DATA in this section are derived from the quarterly tax reports submitted to State employment security agencies by private and State and local government employers subject to State unemployment insurance (UI) laws and from Federal, agencies subject to the Unemployment Compensation for Federal Employees (UCFE) program. Each quarter, State agencies edit and process the data and send the information to the Bureau of Labor Statistics.

The Covered Employment and Wages data, also referred as ES-202 data, are the most complete enumeration of employment and wage information by industry at the national, State, metropolitan area, and county levels. They have broad economic significance in evaluating labor market trends and major industry developments.

### Definitions

In general, ES-202 monthly employment data

represent the number of **covered workers** who worked during, or received pay for, the pay period that included the 12th day of the month. **Covered private industry employment** includes most corporate officials, executives, supervisory personnel, professionals, clerical workers, wage earners, piece workers, and part-time workers. It excludes proprietors, the unincorporated self-employed, unpaid family members, and certain farm and domestic workers. Certain types of nonprofit employers, such as religious organizations, are given a choice of coverage or exclusion in a number of States. Workers in these organizations are, therefore, reported to a limited degree.

Persons on paid sick leave, paid holiday, paid vacation, and the like, are included. Persons on the payroll of more than one firm during the period are counted by each UI-subject employer if they meet the employment definition noted earlier. The employment count excludes workers who earned no wages during the entire applicable pay period because of work stoppages, temporary layoffs, illness, or unpaid vacations.

**Federal employment data** are based on reports of monthly employment and quarterly wages submitted each quarter to State agencies for all Federal installations with employees covered by the Unemployment Compensation for Federal Employees (UCFE) program, except for certain national security agencies, which are omitted for security reasons. Employment for all Federal agencies for any given month is based on the number of persons who worked during or received pay for the pay period that included the 12th of the month.

An **establishment** is an economic unit, such as a farm, mine, factory, or store, that produces goods or provides services. It is typically at a single physical location and engaged in one, or predominantly one, type of economic activity for which a single industrial classification may be applied. Occasionally, a single physical location encompasses two or more distinct and significant activities. Each activity should be reported as a separate establishment if separate records are kept and the various activities are classified under different four-digit SIC codes.

Most employers have only one establishment; thus, the establishment is the predominant reporting unit or statistical entity for reporting employment and wages data. Most employers, including State and local governments who operate more than one establishment in a State, file a Multiple Worksite Report each quarter, in addition to their quarterly UI report. The Multiple Worksite Report is used to collect separate employment and wage

data for each of the employer's establishments, which are not detailed on the UI report. Some very small multi-establishment employers do not file a Multiple Worksite Report. When the total employment in an employer's secondary establishments (all establishments other than the largest) is 10 or fewer, the employer generally will file a consolidated report for all establishments. Also, some employers either cannot or will not report at the establishment level and thus aggregate establishments into one consolidated unit, or possibly several units, though not at the establishment level.

For the Federal Government, the reporting unit is the **installation**: a single location at which a department, agency, or other government body has civilian employees. Federal agencies follow slightly different criteria than do private employers when breaking down their reports by installation. They are permitted to combine as a single statewide unit: 1) all installations with 10 or fewer workers, and 2) all installations that have a combined total in the State of fewer than 50 workers. Also, when there are fewer than 25 workers in all secondary installations in a State, the secondary installations may be combined and reported with the major installation. Last, if a Federal agency has fewer than five employees in a State, the agency headquarters office (regional office, district office) serving each State may consolidate the employment and wages data for that State with the data reported to the State in which the headquarters is located. As a result of these reporting rules, the number of reporting units is always larger than the number of employers (or government agencies) but smaller than the number of actual establishments (or installations).

Data reported for the first quarter are tabulated into **size** categories ranging from worksites of very small size to those with 1,000 employees or more. The size category is determined by the establishment's March employment level. It is important to note that each establishment of a multi-establishment firm is tabulated separately into the appropriate size category. The total employment level of the reporting multi-establishment firm is not used in the size tabulation.

Covered employers in most States report total **wages** paid during the calendar quarter, regardless of when the services were performed. A few State laws, however, specify that wages be reported for, or based on the period during which services are performed rather than the period during which compensation is paid. Under most State laws or regulations, wages include bonuses, stock options, the cash value of meals and lodging, tips and other gratuities, and, in some States, employer contributions to certain deferred compensation plans such as 401(k) plans.

Covered employer contributions for old-age, survivors, and disability insurance (OASDI), health insurance, unemployment insurance, workers' compensation, and private pension and welfare funds are not reported as wages. Employee contributions for the same purposes, however, as well as money withheld for income taxes, union dues, and so forth, are reported even though they are deducted from the worker's gross pay.

**Wages of covered Federal workers** represent the gross amount of all payrolls for all pay periods ending within the quarter. This includes cash allowances, the cash equivalent of any type of remuneration, severance pay, withholding taxes, and retirement deductions. Federal employee remuneration generally covers the same types of services as for workers in private industry.

**Average annual wages** per employee for any given industry are computed by dividing total annual wages by annual average employment. A further division by 52 yields average weekly wages per employee. Annual pay data only approximate annual earnings because an individual may not be employed by the same employer all year or may work for more than one employer at a time.

**Average weekly or annual pay** is affected by the ratio of full-time to part-time workers as well as the number of individuals in high-paying and low-paying occupations. When average pay levels between States and industries are compared, these factors should be taken into consideration. For example, industries characterized by high proportions of part-time workers will show average wage levels appreciably less than the weekly pay levels of regular full-time employees in these industries. The opposite effect characterizes industries with low proportions of part-time workers, or industries that typically schedule heavy weekend and overtime work. Average wage data also may be influenced by work stoppages, labor turnover rates, retroactive payments, seasonal factors, bonus payments, and so on.

## Notes on the data

Beginning with the release of data for 2001, publications presenting data from the Covered Employment and Wages (CEW) program have switched to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry. NAICS is the product of a cooperative effort on the part of the statistical agencies of the United States, Canada, and Mexico. Due to difference in NAICS and Standard Industrial Classification (SIC) structures, industry data for 2001 is not comparable to the SIC-based data for earlier years.

Effective January 2001, the CEW program began assigning Indian Tribal Councils and related establishments to local government ownership. This BLS action was in response to a change in Federal law dealing with the way Indian Tribes are treated under the Federal Unemployment Tax Act. This law requires federally recognized Indian Tribes to be treated similarly to State and local governments. In the past the CEW program coded Indian Tribal Councils and related establishments in the private sector. As a result of the new law, CEW data reflects significant shifts in employment and wages between the private sector and local government from 2000 to 2001. Data also reflect industry changes. Those accounts previously assigned to civic and social organizations were assigned to tribal governments. There were no required industry changes for related establishments owned by these Tribal Councils. These tribal business establishments continued to be coded according to the economic activity of that entity.

To insure the highest possible quality of data, State employment security agencies verify with employers and update, if necessary, the industry, location, and ownership classification of all establishments on a 3-year cycle. Changes in establishment classification codes resulting from the verification process are introduced with the data reported for the first quarter of the year. Changes resulting from improved employer reporting also are introduced in the first quarter. For these reasons, some data, especially at more detailed geographic levels, may not be strictly comparable with earlier years.

The 2000 county data used to calculate the 2000–2001 changes were adjusted for changes in industry and county classification to make them comparable to data for 2001. As a result, the adjusted 2000 data differ to some extent from the data available on the Internet at:

<http://www.bls.gov/cew/home.htm>.

County definitions are assigned according to Federal Information Processing Standards Publications as issued by the National Institute of Standards and Technology. Areas shown as counties include those designated as independent cities in some jurisdictions and, in Alaska, those areas designated by the Census Bureau where counties have not been created. County data also are presented for the New England States for comparative purposes, even though townships are the more common designation used in New England (and New Jersey).

For additional information on the covered employment and wage data, contact

the Division of Administrative Statistics and Labor Turnover at (202) 691–6567.

## Compensation and Wage Data

(Tables 1–3; 25–31)

COMPENSATION AND WAGE DATA are gathered by the Bureau from business establishments, State and local governments, labor unions, collective bargaining agreements on file with the Bureau, and secondary sources.

## Employment Cost Index

### Description of the series

The **Employment Cost Index (ECI)** is a quarterly measure of the rate of change in compensation per hour worked and includes wages, salaries, and employer costs of employee benefits. It uses a fixed market basket of labor—similar in concept to the Consumer Price Index's fixed market basket of goods and services—to measure change over time in employer costs of employing labor.

Statistical series on total compensation costs, on wages and salaries, and on benefit costs are available for private nonfarm workers excluding proprietors, the self-employed, and household workers. The total compensation costs and wages and salaries series are also available for State and local government workers and for the civilian nonfarm economy, which consists of private industry and State and local government workers combined. Federal workers are excluded.

The Employment Cost Index probability sample consists of about 4,400 private nonfarm establishments providing about 23,000 occupational observations and 1,000 State and local government establishments providing 6,000 occupational observations selected to represent total employment in each sector. On average, each reporting unit provides wage and compensation information on five well-specified occupations. Data are collected each quarter for the pay period including the 12th day of March, June, September, and December.

Beginning with June 1986 data, fixed employment weights from the 1980 Census of Population are used each quarter to calculate the civilian and private indexes and the index for State and local govern-

ments. (Prior to June 1986, the employment weights are from the 1970 Census of Population.) These fixed weights, also used to derive all of the industry and occupation series indexes, ensure that changes in these indexes reflect only changes in compensation, not employment shifts among industries or occupations with different levels of wages and compensation. For the bargaining status, region, and metropolitan/nonmetropolitan area series, however, employment data by industry and occupation are not available from the census. Instead, the 1980 employment weights are reallocated within these series each quarter based on the current sample. Therefore, these indexes are not strictly comparable to those for the aggregate, industry, and occupation series.

### Definitions

**Total compensation** costs include wages, salaries, and the employer's costs for employee benefits.

**Wages and salaries** consist of earnings before payroll deductions, including production bonuses, incentive earnings, commissions, and cost-of-living adjustments.

**Benefits** include the cost to employers for paid leave, supplemental pay (including nonproduction bonuses), insurance, retirement and savings plans, and legally required benefits (such as Social Security, workers' compensation, and unemployment insurance).

Excluded from wages and salaries and employee benefits are such items as payment-in-kind, free room and board, and tips.

### Notes on the data

The Employment Cost Index for changes in wages and salaries in the private nonfarm economy was published beginning in 1975. Changes in total compensation cost—wages and salaries and benefits combined—were published beginning in 1980. The series of changes in wages and salaries and for total compensation in the State and local government sector and in the civilian nonfarm economy (excluding Federal employees) were published beginning in 1981. Historical indexes (June 1981=100) are available on the Internet:

<http://www.bls.gov/ect/>

FOR ADDITIONAL INFORMATION on the Employment Cost Index, contact the Office of Compensation Levels and Trends: (202) 691–6199.

## Employee Benefits Survey

### Description of the series

**Employee benefits** data are obtained from the Employee Benefits Survey, an annual survey of the incidence and provisions of selected benefits provided by employers. The survey collects data from a sample of approximately 9,000 private sector and State and local government establishments. The data are presented as a percentage of employees who participate in a certain benefit, or as an average benefit provision (for example, the average number of paid holidays provided to employees per year). Selected data from the survey are presented in table 25 for medium and large private establishments and in table 26 for small private establishments and State and local government.

The survey covers paid leave benefits such as holidays and vacations, and personal, funeral, jury duty, military, family, and sick leave; short-term disability, long-term disability, and life insurance; medical, dental, and vision care plans; defined benefit and defined contribution plans; flexible benefits plans; reimbursement accounts; and unpaid family leave.

Also, data are tabulated on the incidence of several other benefits, such as severance pay, child-care assistance, wellness programs, and employee assistance programs.

### Definitions

**Employer-provided benefits** are benefits that are financed either wholly or partly by the employer. They may be sponsored by a union or other third party, as long as there is some employer financing. However, some benefits that are fully paid for by the employee also are included. For example, long-term care insurance and postretirement life insurance paid entirely by the employee are included because the guarantee of insurability and availability at group premium rates are considered a benefit.

**Participants** are workers who are covered by a benefit, whether or not they use that benefit. If the benefit plan is financed wholly by employers and requires employees to complete a minimum length of service for eligibility, the workers are considered participants whether or not they have met the requirement. If workers are required to contribute towards the cost of a plan, they are considered participants only if they elect the plan and agree to make the required contributions.

**Defined benefit pension plans** use predetermined formulas to calculate a retirement benefit (if any), and obligate the employer to

provide those benefits. Benefits are generally based on salary, years of service, or both.

**Defined contribution plans** generally specify the level of employer and employee contributions to a plan, but not the formula for determining eventual benefits. Instead, individual accounts are set up for participants, and benefits are based on amounts credited to these accounts.

**Tax-deferred savings plans** are a type of defined contribution plan that allow participants to contribute a portion of their salary to an employer-sponsored plan and defer income taxes until withdrawal.

**Flexible benefit plans** allow employees to choose among several benefits, such as life insurance, medical care, and vacation days, and among several levels of coverage within a given benefit.

### Notes on the data

Surveys of employees in medium and large establishments conducted over the 1979–86 period included establishments that employed at least 50, 100, or 250 workers, depending on the industry (most service industries were excluded). The survey conducted in 1987 covered only State and local governments with 50 or more employees. The surveys conducted in 1988 and 1989 included medium and large establishments with 100 workers or more in private industries. All surveys conducted over the 1979–89 period excluded establishments in Alaska and Hawaii, as well as part-time employees.

Beginning in 1990, surveys of State and local governments and small private establishments were conducted in even-numbered years, and surveys of medium and large establishments were conducted in odd-numbered years. The small establishment survey includes all private nonfarm establishments with fewer than 100 workers, while the State and local government survey includes all governments, regardless of the number of workers. All three surveys include full- and part-time workers, and workers in all 50 States and the District of Columbia.

FOR ADDITIONAL INFORMATION on the Employee Benefits Survey, contact the Office of Compensation Levels and Trends on the Internet:

<http://www.bls.gov/eb/>

### Work stoppages

#### Description of the series

Data on work stoppages measure the number and duration of major strikes or lockouts (in-

volving 1,000 workers or more) occurring during the month (or year), the number of workers involved, and the amount of work time lost because of stoppage. These data are presented in table 31.

Data are largely from a variety of published sources and cover only establishments directly involved in a stoppage. They do not measure the indirect or secondary effect of stoppages on other establishments whose employees are idle owing to material shortages or lack of service.

### Definitions

**Number of stoppages:** The number of strikes and lockouts involving 1,000 workers or more and lasting a full shift or longer.

**Workers involved:** The number of workers directly involved in the stoppage.

**Number of days idle:** The aggregate number of workdays lost by workers involved in the stoppages.

**Days of idleness as a percent of estimated working time:** Aggregate workdays lost as a percent of the aggregate number of standard workdays in the period multiplied by total employment in the period.

### Notes on the data

This series is not comparable with the one terminated in 1981 that covered strikes involving six workers or more.

FOR ADDITIONAL INFORMATION on work stoppages data, contact the Office of Compensation and Working Conditions: (202) 691-6282, or the Internet:

<http://www.bls.gov/cba/>

### Price Data

(Tables 2; 32–42)

PRICE DATA are gathered by the Bureau of Labor Statistics from retail and primary markets in the United States. Price indexes are given in relation to a base period—1982 = 100 for many Producer Price Indexes, 1982–84 = 100 for many Consumer Price Indexes (unless otherwise noted), and 1990 = 100 for International Price Indexes.

### Consumer Price Indexes

#### Description of the series

The **Consumer Price Index (CPI)** is a measure of the average change in the prices paid by urban consumers for a fixed market basket of goods and services. The CPI is calculated monthly for two population



groups, one consisting only of urban households whose primary source of income is derived from the employment of wage earners and clerical workers, and the other consisting of all urban households. The wage earner index (CPI-W) is a continuation of the historic index that was introduced well over a half-century ago for use in wage negotiations. As new uses were developed for the CPI in recent years, the need for a broader and more representative index became apparent. The all-urban consumer index (CPI-U), introduced in 1978, is representative of the 1993–95 buying habits of about 87 percent of the noninstitutional population of the United States at that time, compared with 32 percent represented in the CPI-W. In addition to wage earners and clerical workers, the CPI-U covers professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, retirees, and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, fuel, drugs, transportation fares, doctors' and dentists' fees, and other goods and services that people buy for day-to-day living. The quantity and quality of these items are kept essentially unchanged between major revisions so that only price changes will be measured. All taxes directly associated with the purchase and use of items are included in the index.

Data collected from more than 23,000 retail establishments and 5,800 housing units in 87 urban areas across the country are used to develop the "U.S. city average." Separate estimates for 14 major urban centers are presented in table 33. The areas listed are as indicated in footnote 1 to the table. The area indexes measure only the average change in prices for each area since the base period, and do not indicate differences in the level of prices among cities.

### Notes on the data

In January 1983, the Bureau changed the way in which homeownership costs are measured for the CPI-U. A rental equivalence method replaced the asset-price approach to homeownership costs for that series. In January 1985, the same change was made in the CPI-W. The central purpose of the change was to separate shelter costs from the investment component of home-ownership so that the index would reflect only the cost of shelter services provided by owner-occupied homes. An updated CPI-U and CPI-W were introduced with release of the January 1987 and January 1998 data.

FOR ADDITIONAL INFORMATION, contact the Division of Prices and Price Indexes: (202) 691-7000.

## Producer Price Indexes

### Description of the series

**Producer Price Indexes** (PPI) measure average changes in prices received by domestic producers of commodities in all stages of processing. The sample used for calculating these indexes currently contains about 3,200 commodities and about 80,000 quotations per month, selected to represent the movement of prices of all commodities produced in the manufacturing; agriculture, forestry, and fishing; mining; and gas and electricity and public utilities sectors. The stage-of-processing structure of PPI organizes products by class of buyer and degree of fabrication (that is, finished goods, intermediate goods, and crude materials). The traditional commodity structure of PPI organizes products by similarity of end use or material composition. The industry and product structure of PPI organizes data in accordance with the Standard Industrial Classification (SIC) and the product code extension of the SIC developed by the U.S. Bureau of the Census.

To the extent possible, prices used in calculating Producer Price Indexes apply to the first significant commercial transaction in the United States from the production or central marketing point. Price data are generally collected monthly, primarily by mail questionnaire. Most prices are obtained directly from producing companies on a voluntary and confidential basis. Prices generally are reported for the Tuesday of the week containing the 13th day of the month.

Since January 1992, price changes for the various commodities have been averaged together with implicit quantity weights representing their importance in the total net selling value of all commodities as of 1987. The detailed data are aggregated to obtain indexes for stage-of-processing groupings, commodity groupings, durability-of-product groupings, and a number of special composite groups. All Producer Price Index data are subject to revision 4 months after original publication.

FOR ADDITIONAL INFORMATION, contact the Division of Industrial Prices and Price Indexes: (202) 691-7705.

## International Price Indexes

### Description of the series

The **International Price Program** produces monthly and quarterly export and import price indexes for nonmilitary goods and services traded between the United States and the rest of the world. The export price index provides a measure of price change for all products sold by U.S. residents to foreign buyers. ("Residents" is defined as in the national income accounts; it includes corporations, businesses, and individuals, but does not require the organizations to be U.S. owned nor the individuals to have U.S. citizenship.) The import price index provides a measure of price change for goods purchased from other countries by U.S. residents.

The product universe for both the import and export indexes includes raw materials, agricultural products, semifinished manufactures, and finished manufactures, including both capital and consumer goods. Price data for these items are collected primarily by mail questionnaire. In nearly all cases, the data are collected directly from the exporter or importer, although in a few cases, prices are obtained from other sources.

To the extent possible, the data gathered refer to prices at the U.S. border for exports and at either the foreign border or the U.S. border for imports. For nearly all products, the prices refer to transactions completed during the first week of the month. Survey respondents are asked to indicate all discounts, allowances, and rebates applicable to the reported prices, so that the price used in the calculation of the indexes is the actual price for which the product was bought or sold.

In addition to general indexes of prices for U.S. exports and imports, indexes are also published for detailed product categories of exports and imports. These categories are defined according to the five-digit level of detail for the Bureau of Economic Analysis End-use Classification, the three-digit level for the Standard Industrial Classification (SITC), and the four-digit level of detail for the Harmonized System. Aggregate import indexes by country or region of origin are also available.

BLS publishes indexes for selected categories of internationally traded services, calculated on an international basis and on a balance-of-payments basis.

## Notes on the data

The export and import price indexes are weighted indexes of the Laspeyres type. The trade weights currently used to compute both indexes relate to 2000.

Because a price index depends on the same items being priced from period to period, it is necessary to recognize when a product's specifications or terms of transaction have been modified. For this reason, the Bureau's questionnaire requests detailed descriptions of the physical and functional characteristics of the products being priced, as well as information on the number of units bought or sold, discounts, credit terms, packaging, class of buyer or seller, and so forth. When there are changes in either the specifications or terms of transaction of a product, the dollar value of each change is deleted from the total price change to obtain the "pure" change. Once this value is determined, a linking procedure is employed which allows for the continued repricing of the item.

FOR ADDITIONAL INFORMATION, contact the Division of International Prices: (202) 691-7155.

## Productivity Data

(Tables 2; 43-46)

## Business and major sectors

### Description of the series

The productivity measures relate real output to real input. As such, they encompass a family of measures which include single-factor input measures, such as output per hour, output per unit of labor input, or output per unit of capital input, as well as measures of multifactor productivity (output per unit of combined labor and capital inputs). The Bureau indexes show the change in output relative to changes in the various inputs. The measures cover the business, nonfarm business, manufacturing, and nonfinancial corporate sectors.

Corresponding indexes of hourly compensation, unit labor costs, unit nonlabor payments, and prices are also provided.

### Definitions

**Output per hour of all persons** (labor productivity) is the quantity of goods and services produced per hour of labor input. **Output per unit of capital services** (capital productivity) is the quantity of goods and

services produced per unit of capital services input. **Multifactor productivity** is the quantity of goods and services produced per combined inputs. For private business and private nonfarm business, inputs include labor and capital units. For manufacturing, inputs include labor, capital, energy, nonenergy materials, and purchased business services.

**Compensation per hour** is total compensation divided by hours at work. Total compensation equals the wages and salaries of employees plus employers' contributions for social insurance and private benefit plans, plus an estimate of these payments for the self-employed (except for nonfinancial corporations in which there are no self-employed). **Real compensation per hour** is compensation per hour deflated by the change in the Consumer Price Index for All Urban Consumers.

**Unit labor costs** are the labor compensation costs expended in the production of a unit of output and are derived by dividing compensation by output. **Unit nonlabor payments** include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from current-dollar value of output and dividing by output.

**Unit nonlabor costs** contain all the components of unit nonlabor payments except unit profits.

**Unit profits** include corporate profits with inventory valuation and capital consumption adjustments per unit of output.

**Hours of all persons** are the total hours at work of payroll workers, self-employed persons, and unpaid family workers.

**Labor inputs** are hours of all persons adjusted for the effects of changes in the education and experience of the labor force.

**Capital services** are the flow of services from the capital stock used in production. It is developed from measures of the net stock of physical assets—equipment, structures, land, and inventories—weighted by rental prices for each type of asset.

**Combined units of labor and capital inputs** are derived by combining changes in labor and capital input with weights which represent each component's share of total cost. Combined units of labor, capital, energy, materials, and purchased business services are similarly derived by combining changes in each input with weights that represent each input's share of total costs. The indexes for each input and for combined units are based on changing weights which are averages of the shares in the current and preceding year (the Tornquist index-number formula).

## Notes on the data

Business sector output is an annually-weighted index constructed by excluding from real gross domestic product (GDP) the following outputs: general government, nonprofit institutions, paid employees of private households, and the rental value of owner-occupied dwellings. Nonfarm business also excludes farming. Private business and private nonfarm business further exclude government enterprises. The measures are supplied by the U.S. Department of Commerce's Bureau of Economic Analysis. Annual estimates of manufacturing sectoral output are produced by the Bureau of Labor Statistics. Quarterly manufacturing output indexes from the Federal Reserve Board are adjusted to these annual output measures by the BLS. Compensation data are developed from data of the Bureau of Economic Analysis and the Bureau of Labor Statistics. Hours data are developed from data of the Bureau of Labor Statistics.

The productivity and associated cost measures in tables 43-46 describe the relationship between output in real terms and the labor and capital inputs involved in its production. They show the changes from period to period in the amount of goods and services produced per unit of input.

Although these measures relate output to hours and capital services, they do not measure the contributions of labor, capital, or any other specific factor of production. Rather, they reflect the joint effect of many influences, including changes in technology; shifts in the composition of the labor force; capital investment; level of output; changes in the utilization of capacity, energy, material, and research and development; the organization of production; managerial skill; and characteristics and efforts of the work force.

FOR ADDITIONAL INFORMATION on this productivity series, contact the Division of Productivity Research: (202) 691-5606.

## Industry productivity measures

### Description of the series

The BLS industry productivity data supplement the measures for the business economy and major sectors with annual measures of labor productivity for selected industries at the three- and four-digit levels of

the Standard Industrial Classification system. In addition to labor productivity, the industry data also include annual measures of compensation and unit labor costs for three-digit industries and measures of multifactor productivity for three-digit manufacturing industries and railroad transportation. The industry measures differ in methodology and data sources from the productivity measures for the major sectors because the industry measures are developed independently of the National Income and Product Accounts framework used for the major sector measures.

## Definitions

**Output per hour** is derived by dividing an index of industry output by an index of labor input. For most industries, **output** indexes are derived from data on the value of industry output adjusted for price change. For the remaining industries, output indexes are derived from data on the physical quantity of production.

The **labor input** series consist of the hours of all employees (production workers and nonproduction workers), the hours of all persons (paid employees, partners, proprietors, and unpaid family workers), or the number of employees, depending upon the industry.

**Unit labor costs** represent the labor compensation costs per unit of output produced, and are derived by dividing an index of labor compensation by an index of output. **Labor compensation** includes payroll as well as supplemental payments, including both legally required expenditures and payments for voluntary programs.

**Multifactor productivity** is derived by dividing an index of industry output by an index of the combined inputs consumed in producing that output. **Combined inputs** include capital, labor, and intermediate purchases. The measure of **capital input** used represents the flow of services from the capital stock used in production. It is developed from measures of the net stock of physical assets—equipment, structures, land, and inventories. The measure of **intermediate purchases** is a combination of purchased materials, services, fuels, and electricity.

## Notes on the data

The industry measures are compiled from data produced by the Bureau of Labor Statistics and the Bureau of the Census, with additional data supplied by other government agencies, trade associations, and other sources.

For most industries, the productivity indexes refer to the output per hour of all employees. For some trade and services

industries, indexes of output per hour of all persons (including self-employed) are constructed. For some transportation industries, only indexes of output per employee are prepared.

FOR ADDITIONAL INFORMATION on this series, contact the Division of Industry Productivity Studies: (202) 691-5618.

## International Comparisons

(Tables 47–49)

### Labor force and unemployment

#### Description of the series

Tables 47 and 48 present comparative measures of the labor force, employment, and unemployment—approximating U.S. concepts—for the United States, Canada, Australia, Japan, and several European countries. The unemployment statistics (and, to a lesser extent, employment statistics) published by other industrial countries are not, in most cases, comparable to U.S. unemployment statistics. Therefore, the Bureau adjusts the figures for selected countries, where necessary, for all known major definitional differences. Although precise comparability may not be achieved, these adjusted figures provide a better basis for international comparisons than the figures regularly published by each country. For further information on adjustments and comparability issues, see Constance Sorrentino, “International unemployment rates: how comparable are they?” *Monthly Labor Review*, June 2000, pp. 3–20.

#### Definitions

For the principal U.S. definitions of the **labor force**, **employment**, and **unemployment**, see the Notes section on Employment and Unemployment Data: Household survey data.

#### Notes on the data

The adjusted statistics have been adapted to the age at which compulsory schooling ends in each country, rather than to the U.S. standard of 16 years of age and older. Therefore, the adjusted statistics relate to the population aged 16 and older in France, Sweden, and the United Kingdom; 15 and older in Australia, Japan, Germany, Italy from 1993 onward, and the Netherlands; and 14 and older in Italy

prior to 1993. An exception to this rule is that the Canadian statistics for 1976 onward are adjusted to cover ages 16 and older, whereas the age at which compulsory schooling ends remains at 15. The institutional population is included in the denominator of the labor force participation rates and employment-population ratios for Japan and Germany; it is excluded for the United States and the other countries.

In the U.S. labor force survey, persons on layoff who are awaiting recall to their jobs are classified as unemployed. European and Japanese layoff practices are quite different in nature from those in the United States; therefore, strict application of the U.S. definition has not been made on this point. For further information, see *Monthly Labor Review*, December 1981, pp. 8–11.

The figures for one or more recent years for France, Germany, Italy, the Netherlands, and the United Kingdom are calculated using adjustment factors based on labor force surveys for earlier years and are considered preliminary. The recent-year measures for these countries, therefore, are subject to revision whenever data from more current labor force surveys become available.

There are breaks in the data series for the United States (1990, 1994, 1997, 1998, 1999, 2000), Canada (1976) France (1992), Germany (1991), Italy (1991, 1993), the Netherlands (1988), and Sweden (1987).

For the United States, the break in series reflects a major redesign of the labor force survey questionnaire and collection methodology introduced in January 1994. Revised population estimates based on the 1990 census, adjusted for the estimated undercount, also were incorporated. In 1996, previously published data for the 1990–93 period were revised to reflect the 1990 census-based population controls, adjusted for the undercount. In 1997, revised population controls were introduced into the household survey. Therefore, the data are not strictly comparable with prior years. In 1998, new composite estimation procedures and minor revisions in population controls were introduced into the household survey. Therefore, the data are not strictly comparable with data for 1997 and earlier years. See the Notes section on Employment and Unemployment Data of this *Review*.

BLS recently introduced a new adjusted series for Canada. Beginning with the data for 1976, Canadian data are adjusted to more closely approximate U.S. concepts. Adjustments are made to the unemployed and labor force to exclude: (1) 15-year-olds; (2) passive jobseekers (persons only reading newspaper ads as their method of job search); (3) persons waiting to start a new job who did

not seek work in the past 4 weeks; and (4) persons unavailable for work due to personal or family responsibilities. An adjustment is made to include full-time students looking for full-time work. The impact of the adjustments was to lower the annual average unemployment rate by 0.1–0.4 percentage point in the 1980s and 0.4–1.0 percentage point in the 1990s.

For France, the 1992 break reflects the substitution of standardized European Union Statistical Office (EUROSTAT) unemployment statistics for the unemployment data estimated according to the International Labor Office (ILO) definition and published in the Organization for Economic Cooperation and Development (OECD) annual yearbook and quarterly update. This change was made because the EUROSTAT data are more up-to-date than the OECD figures. Also, since 1992, the EUROSTAT definitions are closer to the U.S. definitions than they were in prior years. The impact of this revision was to lower the unemployment rate by 0.1 percentage point in 1992 and 1993, by 0.4 percentage point in 1994, and 0.5 percentage point in 1995.

For Germany, the data for 1991 onward refer to unified Germany. Data prior to 1991 relate to the former West Germany. The impact of including the former East Germany was to increase the unemployment rate from 4.3 to 5.6 percent in 1991.

For Italy, the 1991 break reflects a revision in the method of weighting sample data. The impact was to increase the unemployment rate by approximately 0.3 percentage point, from 6.6 to 6.9 percent in 1991.

In October 1992, the survey methodology was revised and the definition of unemployment was changed to include only those who were actively looking for a job within the 30 days preceding the survey and who were available for work. In addition, the lower age limit for the labor force was raised from 14 to 15 years. (Prior to these changes, BLS adjusted Italy's published unemployment rate downward by excluding from the unemployed those persons who had not actively sought work in the past 30 days.) The break in the series also reflects the incorporation of the 1991 population census results. The impact of these changes was to raise Italy's adjusted unemployment rate by approximately 1.2 percentage points, from 8.3 to 9.5 percent in fourth-quarter 1992. These changes did not affect employment significantly, except in 1993. Estimates by the Italian Statistical Office indicate that employment declined by about 3 percent in 1993, rather than the nearly 4 percent indicated by the data shown in table 44. This difference is attributable mainly to the incorporation of the 1991 population benchmarks

in the 1993 data. Data for earlier years have not been adjusted to incorporate the 1991 census results.

For the Netherlands, a new survey questionnaire was introduced in 1992 that allowed for a closer application of ILO guidelines. EUROSTAT has revised the Dutch series back to 1988 based on the 1992 changes. The 1988 revised unemployment rate is 7.6 percent; the previous estimate for the same year was 9.3 percent.

There have been two breaks in series in the Swedish labor force survey, in 1987 and 1993. Adjustments have been made for the 1993 break back to 1987. In 1987, a new questionnaire was introduced. Questions regarding current availability were added and the period of active workseeking was reduced from 60 days to 4 weeks. These changes lowered Sweden's 1987 unemployment rate by 0.4 percentage point, from 2.3 to 1.9 percent. In 1993, the measurement period for the labor force survey was changed to represent all 52 weeks of the year rather than one week each month and a new adjustment for population totals was introduced. The impact was to raise the unemployment rate by approximately 0.5 percentage point, from 7.6 to 8.1 percent. Statistics Sweden revised its labor force survey data for 1987–92 to take into account the break in 1993. The adjustment raised the Swedish unemployment rate by 0.2 percentage point in 1987 and gradually rose to 0.5 percentage point in 1992.

Beginning with 1987, BLS has adjusted the Swedish data to classify students who also sought work as unemployed. The impact of this change was to increase the adjusted unemployment rate by 0.1 percentage point in 1987 and by 1.8 percentage points in 1994, when unemployment was higher. In 1998, the adjusted unemployment rate had risen from 6.5 to 8.4 percent due to the adjustment to include students.

The net effect of the 1987 and 1993 changes and the BLS adjustment for students seeking work lowered Sweden's 1987 unemployment rate from 2.3 to 2.2 percent.

FOR ADDITIONAL INFORMATION on this series, contact the Division of Foreign Labor Statistics: (202) 691-5654.

## Manufacturing productivity and labor costs

### Description of the series

Table 49 presents comparative indexes of manufacturing labor productivity (output per

hour), output, total hours, compensation per hour, and unit labor costs for the United States, Canada, Japan, and nine European countries. These measures are trend comparisons—that is, series that measure changes over time—rather than level comparisons. There are greater technical problems in comparing the levels of manufacturing output among countries.

BLS constructs the comparative indexes from three basic aggregate measures—output, total labor hours, and total compensation. The hours and compensation measures refer to all employed persons (wage and salary earners plus self-employed persons and unpaid family workers) in the United States, Canada, Japan, France, Germany, Norway, and Sweden, and to all employees (wage and salary earners) in the other countries.

### Definitions

**Output**, in general, refers to value added in manufacturing from the national accounts of each country. However, the output series for Japan prior to 1970 is an index of industrial production, and the national accounts measures for the United Kingdom are essentially identical to their indexes of industrial production.

The 1977–97 output data for the United States are the gross product originating (value added) measures prepared by the Bureau of Economic Analysis of the U.S. Department of Commerce. Comparable manufacturing output data currently are not available prior to 1977.

U.S. gross product originating is a chain-type annual-weighted series. (For more information on the U.S. measure, see Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959–94," *Survey of Current Business*, August 1996, pp. 133–55.) The Japanese value added series is based upon one set of fixed price weights for the years 1970 through 1997. Output series for the other foreign economies also employ fixed price weights, but the weights are updated periodically (for example, every 5 or 10 years).

To preserve the comparability of the U.S. measures with those for other economies, BLS uses gross product originating in manufacturing for the United States for these comparative measures. The gross product originating series differs from the manufacturing output series that BLS publishes in its news releases on quarterly measures of U.S. productivity and costs (and that underlies the measures that appear in tables 43 and 45 in this section). The quarterly measures are on a "sectoral output" basis, rather than a value-

added basis. Sectoral output is gross output less intrasector transactions.

**Total labor hours** refers to hours worked in all countries. The measures are developed from statistics of manufacturing employment and average hours. The series used for France (from 1970 forward), Norway, and Sweden are official series published with the national accounts. Where official total hours series are not available, the measures are developed by BLS using employment figures published with the national accounts, or other comprehensive employment series, and estimates of annual hours worked. For Germany, BLS uses estimates of average hours worked developed by a research institute connected to the Ministry of Labor for use with the national accounts employment figures. For the other countries, BLS constructs its own estimates of average hours.

Denmark has not published estimates of average hours for 1994–97; therefore, the BLS measure of labor input for Denmark ends in 1993.

**Total compensation (labor cost)** includes all payments in cash or in-kind made directly to employees plus employer expenditures for legally required insurance programs and contractual and private benefit plans. The measures are from the national accounts of each country, except those for Belgium, which are developed by BLS using statistics on employment, average hours, and hourly compensation. For Canada, France, and Sweden, compensation is increased to account for other significant taxes on payroll or employment. For the United Kingdom, compensation is reduced between 1967 and 1991 to account for employment-related subsidies. Self-employed workers are included in the all-employed-persons measures by assuming that their hourly compensation is equal to the average for wage and salary employees.

### Notes on the data

In general, the measures relate to total manufacturing as defined by the International Standard Industrial Classification. However, the measures for France (for all years) and Italy (beginning 1970) refer to mining and manufacturing less energy-related products, and the measures for Denmark include mining and exclude manufacturing handicrafts from 1960 to 1966.

The measures for recent years may be based on current indicators of manufacturing output (such as industrial production indexes), employment, average hours, and hourly compensation until national accounts and other statistics used for the long-term measures become available.

FOR ADDITIONAL INFORMATION on this series, contact the Division of Foreign Labor Statistics: (202) 691-5654.

## Occupational Injury and Illness Data

(Tables 50–51)

### Survey of Occupational Injuries and Illnesses

#### Description of the series

The Survey of Occupational Injuries and Illnesses collects data from employers about their workers' job-related nonfatal injuries and illnesses. The information that employers provide is based on records that they maintain under the Occupational Safety and Health Act of 1970. Self-employed individuals, farms with fewer than 11 employees, employers regulated by other Federal safety and health laws, and Federal, State, and local government agencies are excluded from the survey.

The survey is a Federal-State cooperative program with an independent sample selected for each participating State. A stratified random sample with a Neyman allocation is selected to represent all private industries in the State. The survey is stratified by Standard Industrial Classification and size of employment.

#### Definitions

Under the Occupational Safety and Health Act, employers maintain records of nonfatal work-related injuries and illnesses that involve one or more of the following: loss of consciousness, restriction of work or motion, transfer to another job, or medical treatment other than first aid.

**Occupational injury** is any injury such as a cut, fracture, sprain, or amputation that results from a work-related event or a single, instantaneous exposure in the work environment.

**Occupational illness** is an abnormal condition or disorder, other than one resulting from an occupational injury, caused by exposure to factors associated with employment. It includes acute and chronic illnesses or disease which may be caused by inhalation, absorption, ingestion, or direct contact.

**Lost workday injuries and illnesses** are cases that involve days away from work, or days of restricted work activity, or both.

**Lost workdays** include the number of workdays (consecutive or not) on which the employee was either away from work or at work in some restricted capacity, or both, because of an occupational injury or illness. BLS measures of the number and incidence rate of lost workdays were discontinued beginning with the 1993 survey. The number of days away from

work or days of restricted work activity does not include the day of injury or onset of illness or any days on which the employee would not have worked, such as a Federal holiday, even though able to work.

**Incidence rates** are computed as the number of injuries and/or illnesses or lost work days per 100 full-time workers.

#### Notes on the data

The definitions of occupational injuries and illnesses are from *Recordkeeping Guidelines for Occupational Injuries and Illnesses* (U.S. Department of Labor, Bureau of Labor Statistics, September 1986).

Estimates are made for industries and employment size classes for total recordable cases, lost workday cases, days away from work cases, and nonfatal cases without lost workdays. These data also are shown separately for injuries. Illness data are available for seven categories: occupational skin diseases or disorders, dust diseases of the lungs, respiratory conditions due to toxic agents, poisoning (systemic effects of toxic agents), disorders due to physical agents (other than toxic materials), disorders associated with repeated trauma, and all other occupational illnesses.

The survey continues to measure the number of new work-related illness cases which are recognized, diagnosed, and reported during the year. Some conditions, for example, long-term latent illnesses caused by exposure to carcinogens, often are difficult to relate to the workplace and are not adequately recognized and reported. These long-term latent illnesses are believed to be understated in the survey's illness measure. In contrast, the overwhelming majority of the reported new illnesses are those which are easier to directly relate to workplace activity (for example, contact dermatitis and carpal tunnel syndrome).

Most of the estimates are in the form of incidence rates, defined as the number of injuries and illnesses per 100 equivalent full-time workers. For this purpose, 200,000 employee hours represent 100 employee years (2,000 hours per employee). Full detail on the available measures is presented in the annual bulletin, *Occupational Injuries and Illnesses: Counts, Rates, and Characteristics*.

Comparable data for more than 40 States and territories are available from the BLS Office of Safety, Health and Working Conditions. Many of these States publish data on State and local government employees in addition to private industry data.

Mining and railroad data are furnished to BLS by the Mine Safety and Health Administration and the Federal Railroad Administration. Data from these organizations are included in both the national and State data published annually.

With the 1992 survey, BLS began publishing details on serious, nonfatal incidents resulting in days away from work. Included are some major characteristics of the injured and ill workers, such as occupation, age, gender, race, and length of service, as well as the circumstances of their injuries and illnesses (nature of the disabling condition, part of body affected, event and exposure, and the source directly producing the condition). In general, these data are available nationwide for detailed industries and for individual States at more aggregated industry levels.

FOR ADDITIONAL INFORMATION on occupational injuries and illnesses, contact the Office of Occupational Safety, Health and Working Conditions at (202) 691-6180, or access the Internet at: <http://www.bls.gov/iif/>

## Census of Fatal Occupational Injuries

The Census of Fatal Occupational Injuries compiles a complete roster of fatal job-related injuries, including detailed data about the fatally injured workers and the fatal events. The program collects and cross checks fatality information from multiple

sources, including death certificates, State and Federal workers' compensation reports, Occupational Safety and Health Administration and Mine Safety and Health Administration records, medical examiner and autopsy reports, media accounts, State motor vehicle fatality records, and follow-up questionnaires to employers.

In addition to private wage and salary workers, the self-employed, family members, and Federal, State, and local government workers are covered by the program. To be included in the fatality census, the decedent must have been employed (that is working for pay, compensation, or profit) at the time of the event, engaged in a legal work activity, or present at the site of the incident as a requirement of his or her job.

### Definition

A **fatal work injury** is any intentional or unintentional wound or damage to the body resulting in death from acute exposure to energy, such as heat or electricity, or kinetic energy from a crash, or from the absence of such essentials as heat or oxygen caused by a specific event or incident or series of events within a single work-

day or shift. Fatalities that occur during a person's commute to or from work are excluded from the census, as well as work-related illnesses, which can be difficult to identify due to long latency periods.

### Notes on the data

Twenty-eight data elements are collected, coded, and tabulated in the fatality program, including information about the fatally injured worker, the fatal incident, and the machinery or equipment involved. Summary worker demographic data and event characteristics are included in a national news release that is available about 8 months after the end of the reference year. The Census of Fatal Occupational Injuries was initiated in 1992 as a joint Federal-State effort. Most States issue summary information at the time of the national news release.

FOR ADDITIONAL INFORMATION on the Census of Fatal Occupational Injuries contact the BLS Office of Safety, Health, and Working Conditions at (202) 691-6175, or the Internet at:

<http://www.bls.gov/iif/>

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## Where to find additional data

Current and historical statistics from Bureau of Labor Statistics surveys are available at the addresses listed on the inside back cover of this *Review*, or on the Internet at

<http://www.bls.gov>

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1. Labor market indicators

Selected indicators	2001	2002	2000	2001					2002			
			IV	I	II	III	IV	I	II	III	IV	
<b>Employment data</b>												
Employment status of the civilian noninstitutionalized population (household survey): <sup>1</sup>												
Labor force participation rate.....	66.8	66.6	66.9	67.2	66.8	66.7	66.8	66.6	66.7	66.6	66.5	
Employment-population ratio.....	63.7	62.7	64.3	64.3	63.8	63.5	63.0	62.8	62.8	62.8	62.5	
Unemployment rate.....	4.7	5.8	3.9	4.2	4.4	4.8	5.6	5.6	5.9	5.8	5.9	
Men.....	4.8	5.9	4.0	4.2	4.5	4.9	5.7	5.7	6.0	5.9	6.1	
16 to 24 years.....	11.4	12.8	9.6	10.5	11.2	11.4	12.7	12.9	12.8	13.1	12.5	
25 years and over.....	3.6	4.7	2.9	3.1	3.4	3.7	4.4	4.5	4.8	4.7	4.9	
Women.....	4.7	5.6	3.9	4.1	4.3	4.8	5.5	5.5	5.7	5.6	5.7	
16 to 24 years.....	9.6	11.1	8.5	8.6	9.2	10.1	10.7	11.0	11.2	10.9	11.4	
25 years and over.....	3.7	4.6	3.0	3.3	3.4	3.8	4.4	4.4	4.8	4.6	4.6	
Employment, nonfarm (payroll data), in thousands: <sup>1</sup>												
Total.....	131,922	130,791	132,185	132,433	132,193	131,943	131,130	130,759	130,706	130,844	130,795	
Private sector.....	110,989	109,531	111,551	111,687	111,332	110,939	110,035	109,594	109,505	109,574	109,438	
Goods-producing.....	24,944	23,836	25,626	25,493	25,136	24,786	24,375	24,049	23,879	23,787	23,623	
Manufacturing.....	17,695	16,724	18,400	18,196	17,872	17,538	17,174	16,883	16,776	16,691	16,528	
Service-producing.....	106,978	106,955	106,559	106,941	107,057	107,157	106,755	106,711	106,827	107,057	107,179	
Average hours:												
Private sector.....	34.2	34.2	34.3	34.2	34.2	34.1	34.1	34.2	34.2	34.1	34.2	
Manufacturing.....	40.7	40.9	41.1	41.0	40.8	40.7	40.5	40.8	41.0	40.8	40.7	
Overtime.....	3.9	4.1	4.4	4.1	3.9	3.9	3.8	4.0	4.2	4.1	4.1	
<b>Employment Cost Index<sup>2</sup></b>												
Percent change in the ECI, compensation:												
All workers (excluding farm, household and Federal workers).....	-	-	.7	1.3	.9	1.2	.8	1.0	.9	.9	.6	
Private industry workers.....	-	-	.7	1.4	1.0	.9	.8	1.1	1.1	.6	.4	
Goods-producing <sup>3</sup> .....	-	-	.6	1.3	.9	.7	.8	1.2	.9	.6	.9	
Service-producing <sup>3</sup> .....	-	-	.7	1.4	1.0	1.0	.8	1.1	1.2	.6	.2	
State and local government workers.....	-	-	.7	.9	.6	2.1	.6	.6	.4	2.2	.9	
Workers by bargaining status (private industry):												
Union.....	-	-	.5	.7	1.1	1.0	1.4	1.1	1.0	1.2	.9	
Nonunion.....	-	-	.7	1.5	1.0	.9	.7	1.1	1.1	.5	.4	

<sup>1</sup> Quarterly data seasonally adjusted.

<sup>2</sup> Annual changes are December-to-December changes. Quarterly changes are calculated using the last month of each quarter.

<sup>3</sup> Goods-producing industries include mining, construction, and manufacturing. Service-producing industries include all other private sector industries.

## 2. Annual and quarterly percent changes in compensation, prices, and productivity

Selected measures	2001	2002	2000	2001				2002			
			IV	I	II	III	IV	I	II	III	IV
<b>Compensation data<sup>1,2</sup></b>											
Employment Cost Index—compensation (wages, salaries, benefits):											
Civilian nonfarm.....	4.1	—	0.7	1.3	0.9	1.2	0.8	1.0	0.9	0.9	0.6
Private nonfarm.....	4.2	—	.7	1.4	1.0	.9	.8	1.1	1.1	.6	.4
Employment Cost Index—wages and salaries:											
Civilian nonfarm.....	3.7	—	.6	1.1	.9	1.0	.7	.9	.8	.7	.4
Private nonfarm.....	3.8	—	.6	1.2	1.0	.8	.8	.9	1.0	.4	.3
<b>Price data<sup>1</sup></b>											
Consumer Price Index (All Urban Consumers): All Items.....	3.4	1.2	.2	1.3	1.0	.2	−.9	.7	.5	.6	−.2
Producer Price Index:											
Finished goods.....	−1.8	−1.2	.4	.9	.8	−.3	−3.2	1.1	.2	.2	−.5
Finished consumer goods.....	−2.4	−1.6	.1	1.2	1.0	−.3	−4.3	1.5	.4	.0	−.3
Capital equipment.....	1.0	−.4	1.1	−.1	−7.1	−.1	.1	2.9	−.3	−.7	−.5
Intermediate materials, supplies, and components.....	−.2	−1.2	−.3	.2	.6	−1.0	−3.6	.9	1.1	1.1	−.3
Crude materials.....	−8.8	−10.6	9.4	−3.5	−6.6	−12.0	−12.2	8.0	37.1	1.9	1.9
<b>Productivity data<sup>3</sup></b>											
Output per hour of all persons:											
Business sector.....	1.1	—	2.1	−1.5	−.2	1.8	7.6	8.3	1.8	5.4	—
Nonfarm business sector.....	1.1	—	1.7	−1.5	−.1	2.1	7.3	8.6	1.7	5.1	—
Nonfinancial corporations <sup>4</sup> .....	1.4	—	−.7	−2.6	2.2	3.2	10.8	4.6	5.0	5.7	—

<sup>1</sup> Annual changes are December-to-December changes. Quarterly changes are calculated using the last month of each quarter. Compensation and price data are not seasonally adjusted, and the price data are not compounded.

<sup>2</sup> Excludes Federal and private household workers.

<sup>3</sup> Annual rates of change are computed by comparing annual averages. Quarterly percent changes reflect annual rates of change in quarterly indexes.

The data are seasonally adjusted.

<sup>4</sup> Output per hour of all employees.

NOTE: Dash indicates data not available.

## 3. Alternative measures of wage and compensation changes

Components	T xduhuđ #lyhuj h					Four quarters ending				
	2001	2002				2001	2002			
	IV	I	II	III	IV	IV	I	II	III	IV
Average hourly compensation: <sup>1</sup>										
All persons, business sector.....	1.4	3.0	4.2	5.3	—	1.5	1.4	2.4	3.5	—
All persons, nonfarm business sector.....	1.5	2.9	3.9	4.9	—	1.4	1.4	2.3	3.3	—
Employment Cost Index—compensation:										
Civilian nonfarm <sup>2</sup> .....	.8	1.0	.9	.9	.6	4.1	3.9	4.0	3.7	3.4
Private nonfarm.....	.8	1.1	1.1	.6	.4	4.2	3.9	4.0	3.7	3.2
Union.....	1.4	1.1	1.0	1.2	.9	4.2	4.7	4.5	4.7	4.2
Nonunion.....	.7	1.1	1.1	.5	.4	4.1	3.8	3.9	3.5	3.2
State and local governments.....	.6	.6	.4	2.2	.9	4.2	3.9	3.6	3.8	4.1
Employment Cost Index—wages and salaries:										
Civilian nonfarm <sup>2</sup> .....	.7	.9	.8	.7	.4	3.7	3.5	3.5	3.2	2.9
Private nonfarm.....	.8	.9	1.0	.4	.3	3.8	3.5	3.6	3.2	2.7
Union.....	1.6	.7	.9	1.0	.8	4.4	4.4	4.2	4.3	3.5
Nonunion.....	.7	1.0	1.0	.4	.3	3.6	3.4	3.5	3.1	2.7
State and local governments.....	.5	.5	.3	1.8	.6	3.6	3.4	3.2	3.1	3.2

<sup>1</sup> Seasonally adjusted. "Quarterly average" is percent change from a quarter ago, at an annual rate.

<sup>2</sup> Excludes Federal and household workers.



4. Employment status of the population, by sex, age, race, and Hispanic origin, monthly data seasonally adjusted

[Numbers in thousands]

Employment status	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>TOTAL</b>															
Civilian noninstitutional															
population <sup>1</sup> .....	215,092	217,570	216,506	216,663	216,823	217,006	217,198	217,407	217,630	217,866	218,107	218,340	218,548	218,741	219,897
Civilian labor force.....	143,734	144,863	143,826	144,510	144,367	144,763	144,911	144,852	144,786	145,123	145,634	145,393	145,180	145,150	145,838
Participation rate.....	66.8	66.6	66.4	66.7	66.6	66.7	66.7	66.6	66.5	66.6	66.8	66.6	66.4	66.4	66.3
Employed.....	136,933	136,485	135,791	136,450	136,143	136,196	136,487	136,383	136,343	136,757	137,312	136,988	136,542	136,439	137,536
Employment-pop- ulation ratio <sup>2</sup> .....	63.7	62.7	62.7	63.0	62.8	62.8	62.8	62.7	62.6	62.8	63.0	62.7	62.5	62.4	62.5
Unemployed.....	6,801	8,378	8,035	8,060	8,224	8,567	8,424	8,469	8,443	8,366	8,321	8,405	8,637	8,711	8,302
Unemployment rate.....	4.7	5.8	5.6	5.6	5.7	5.9	5.8	5.8	5.8	5.8	5.7	5.8	5.9	6.0	5.7
Not in the labor force.....	71,359	72,707	72,679	72,153	72,456	72,243	72,287	72,556	72,844	72,743	72,473	72,947	73,369	73,591	74,059
<b>Men, 20 years and over</b>															
Civilian noninstitutional															
population <sup>1</sup> .....	95,181	96,439	95,875	95,929	95,999	96,116	96,205	96,375	96,468	96,552	96,732	96,860	97,022	97,139	97,635
Civilian labor force.....	72,816	73,630	73,111	73,269	73,307	73,525	73,766	73,689	73,670	73,802	74,108	73,883	73,770	73,744	73,993
Participation rate.....	76.5	76.3	76.3	76.4	76.4	76.5	76.7	76.5	76.4	76.4	76.6	76.3	76.0	75.9	75.8
Employed.....	69,776	69,734	69,351	69,591	69,517	69,627	69,918	69,739	69,792	69,895	70,213	69,921	69,617	69,600	69,967
Employment-pop- ulation ratio <sup>2</sup> .....	73.3	72.3	72.3	72.5	72.4	72.4	72.7	72.4	72.3	72.4	72.6	72.2	71.8	71.6	71.7
Unemployed.....	3,040	3,896	3,760	3,678	3,789	3,898	3,848	3,950	3,879	3,906	3,895	3,962	4,153	4,145	4,026
Unemployment rate.....	4.2	5.3	5.1	5.0	5.2	5.3	5.2	5.4	5.3	5.3	5.3	5.4	5.6	5.6	5.4
Not in the labor force.....	22,365	22,809	22,765	22,660	22,692	22,591	22,439	22,686	22,797	22,750	22,623	22,977	23,252	23,394	23,642
<b>Women, 20 years and over</b>															
Civilian noninstitutional															
population <sup>1</sup> .....	103,983	105,136	104,553	104,668	104,752	104,871	104,977	105,089	105,190	105,334	105,421	105,509	105,594	105,678	106,235
Civilian labor force.....	63,016	63,648	63,093	63,603	63,314	63,616	63,551	63,556	63,534	63,760	63,858	63,975	63,921	64,036	64,479
Participation rate.....	60.6	60.5	60.3	60.8	60.4	60.7	60.5	60.5	60.4	60.5	60.6	60.6	60.5	60.6	60.7
Employed.....	60,417	60,420	60,058	60,441	60,161	60,237	60,262	60,320	60,262	60,581	60,675	60,668	60,697	60,676	61,443
Employment-pop- ulation ratio <sup>2</sup> .....	58.1	57.5	57.4	57.7	57.4	57.4	57.4	57.4	57.3	57.5	57.6	57.5	57.5	57.4	57.8
Unemployed.....	2,599	3,228	3,035	3,163	3,153	3,379	3,289	3,236	3,272	3,180	3,184	3,308	3,224	3,360	3,035
Unemployment rate.....	4.1	5.1	4.8	5.0	5.0	5.3	5.2	5.1	5.1	5.0	5.0	5.2	5.0	5.2	4.7
Not in the labor force.....	40,967	41,488	41,459	41,065	41,438	41,255	41,426	41,533	41,656	41,574	41,563	41,533	41,673	41,642	41,757
<b>Both sexes, 16 to 19 years</b>															
Civilian noninstitutional															
population <sup>1</sup> .....	15,929	15,994	16,078	16,065	16,073	16,019	16,017	15,943	15,972	15,980	15,954	15,971	15,933	15,925	16,027
Civilian labor force.....	7,902	7,585	7,623	7,637	7,746	7,622	7,594	7,607	7,581	7,561	7,667	7,535	7,489	7,369	7,366
Participation rate.....	49.6	47.4	47.4	47.5	48.2	47.6	47.4	47.7	47.5	47.3	48.1	47.2	47.0	46.3	46.0
Employed.....	6,740	6,332	6,382	6,418	6,464	6,331	6,307	6,324	6,289	6,280	6,425	6,400	6,228	6,164	6,125
Employment-pop- ulation ratio <sup>2</sup> .....	42.3	39.6	39.7	40.0	40.2	39.5	39.4	39.7	39.4	39.3	40.3	40.1	39.1	38.7	38.2
Unemployed.....	1,162	1,253	1,241	1,219	1,282	1,290	1,287	1,283	1,292	1,280	1,243	1,135	1,261	1,206	1,241
Unemployment rate.....	14.7	16.5	16.3	16.0	16.6	16.9	17.0	16.9	17.0	16.9	16.2	15.1	16.8	16.4	16.8
Not in the labor force.....	8,027	8,409	8,455	8,428	8,327	8,397	8,422	8,337	8,391	8,419	8,287	8,436	8,444	8,555	8,661
<b>White<sup>3</sup></b>															
Civilian noninstitutional															
population <sup>1</sup> .....	178,111	179,783	179,079	179,178	179,279	179,398	179,524	179,665	179,816	179,979	180,146	180,306	180,450	180,580	180,460
Civilian labor force.....	119,399	120,150	119,474	120,020	119,863	120,059	120,197	120,152	120,272	120,449	120,502	120,479	120,345	120,093	120,084
Participation rate.....	67.0	66.8	66.7	67.0	66.9	66.9	67.0	66.9	66.9	66.9	66.9	66.8	66.7	66.5	66.5
Employed.....	114,430	114,013	113,459	114,092	113,871	113,834	114,003	113,951	114,008	114,250	114,373	114,294	114,128	113,910	113,995
Employment-pop- ulation ratio <sup>2</sup> .....	64.2	63.4	63.4	63.7	63.5	63.5	63.5	63.4	63.4	63.5	63.5	63.4	63.2	63.1	63.2
Unemployed.....	4,969	6,137	6,015	5,928	5,992	6,225	6,195	6,201	6,264	6,199	6,129	6,184	6,218	6,184	6,089
Unemployment rate.....	4.2	5.1	5.0	4.9	5.0	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.2	5.1	5.1
Not in the labor force.....	58,713	59,633	59,605	59,157	59,416	59,339	59,327	59,513	59,545	59,530	59,644	59,828	60,104	60,487	60,376
<b>Black or African American<sup>3</sup></b>															
Civilian noninstitutional															
population <sup>1</sup> .....	25,138	25,578	25,383	25,414	25,444	25,478	25,514	25,552	25,591	25,633	25,675	25,717	25,751	25,784	25,484
Civilian labor force.....	16,421	16,565	16,463	16,473	16,454	16,638	16,610	16,570	16,390	16,541	16,789	16,682	16,540	16,706	16,374
Participation rate.....	65.3	64.8	64.9	64.8	64.7	65.3	65.1	64.8	64.0	64.5	65.4	64.9	64.2	64.8	64.3
Employed.....	15,006	14,872	14,849	14,876	14,746	14,843	14,928	14,816	14,763	14,907	15,148	15,027	14,754	14,827	14,684
Employment-pop- ulation ratio <sup>2</sup> .....	59.7	58.1	58.5	58.5	58.0	58.3	58.5	58.0	57.7	58.2	59.0	58.4	57.3	57.5	57.6
Unemployed.....	1,416	1,693	1,614	1,597	1,708	1,795	1,682	1,754	1,627	1,634	1,641	1,656	1,786	1,879	1,690
Unemployment rate.....	8.6	10.2	9.8	9.7	10.4	10.8	10.1	10.6	9.9	9.9	9.8	9.9	10.8	11.2	10.3
Not in the labor force.....	8,717	9,013	8,921	8,940	8,990	8,840	8,903	8,982	9,201	9,092	8,886	9,034	9,211	9,078	9,110

See footnotes at end of table.

4. Continued— Employment status of the population, by sex, age, race, and Hispanic origin, monthly data seasonally adjusted

[Numbers in thousands]

Employment status	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Hispanic or Latino ethnicity</b>															
Civilian noninstitutional population <sup>1</sup> .....	24,942	25,963	25,493	25,574	25,655	25,739	25,827	25,917	26,008	26,096	26,184	26,272	26,355	26,436	26,994
Civilian labor force.....	17,328	17,943	17,667	17,773	17,697	17,913	17,843	17,891	18,045	18,030	18,103	18,049	18,169	18,134	18,614
Participation rate.....	69.5	69.1	69.3	69.5	69.0	69.6	69.1	69.0	69.4	69.1	69.1	68.7	68.9	68.6	69.0
Employed.....	16,190	16,590	16,300	16,522	16,405	16,498	16,581	16,573	16,685	16,664	16,739	16,637	16,755	16,708	17,155
Employment-population ratio <sup>2</sup> .....	64.9	63.9	63.9	64.6	63.9	64.1	64.2	63.9	64.2	63.9	63.9	63.3	63.6	63.2	63.5
Unemployed.....	1,138	1,353	1,368	1,251	1,292	1,415	1,261	1,318	1,360	1,366	1,363	1,412	1,414	1,425	1,459
Unemployment rate.....	6.6	7.5	7.7	7.0	7.3	7.9	7.1	7.4	7.5	7.6	7.5	7.8	7.8	7.9	7.8
Not in the labor force.....	7,614	8,020	7,826	7,801	7,959	7,827	7,984	8,026	7,963	8,066	8,082	8,223	8,186	8,303	8,380

# The population figures are not seasonally adjusted.

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.

<sup>3</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race were included in the group they identified as the main race.

NOTE: Estimates for the above race groups (white and black or African American) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race.

5. Selected employment indicators, monthly data seasonally adjusted

[In thousands]

Selected categories	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Characteristic</b>															
Employed, 16 years and over...	136,933	136,485	135,791	136,450	136,143	136,196	136,487	136,383	136,343	136,757	137,312	136,988	136,542	136,439	137,536
Men.....	73,196	72,903	72,562	72,821	72,719	72,780	73,093	72,893	72,931	73,023	73,402	73,151	72,773	72,690	72,994
Women.....	63,737	63,582	63,229	63,629	63,423	63,416	63,394	63,490	63,412	63,734	63,910	63,837	63,769	63,749	64,542
Married men, spouse present.....	44,007	44,116	43,804	44,210	44,190	44,021	44,306	44,037	44,150	44,235	44,129	44,245	44,093	44,005	44,401
Married women, spouse present.....	34,153	34,153	33,820	34,291	34,074	34,052	34,015	34,050	34,035	34,278	34,479	34,322	34,264	34,189	34,525
<b>Persons at work part time<sup>1</sup></b>															
All industries:															
Part time for economic reasons.....	3,715	4,213	4,122	4,289	4,132	4,210	4,097	3,982	4,139	4,308	4,356	4,343	4,329	4,273	4,643
Slack work or business conditions.....	2,396	2,788	2,661	2,818	2,744	2,752	2,685	2,703	2,760	2,811	2,814	2,888	2,855	2,893	3,027
Could only find part-time work.....	1,006	1,124	1,098	1,122	1,075	1,140	1,110	1,097	1,113	1,153	1,177	1,133	1,159	1,110	1,297
Part time for noneconomic reasons.....	18,790	18,843	18,606	18,582	18,711	18,933	18,988	19,251	19,143	19,047	18,928	18,685	18,727	18,555	19,314
Nonagricultural industries:															
Part time for economic reasons.....	3,627	4,119	3,998	4,166	4,050	4,132	3,983	3,887	4,025	4,185	4,266	4,274	4,272	4,219	4,496
Slack work or business conditions.....	2,340	2,726	2,599	2,730	2,686	2,690	2,611	2,629	2,689	2,806	2,755	2,857	2,816	2,854	2,947
Could only find part-time work.....	997	1,114	1,084	1,114	1,059	1,129	1,087	1,099	1,103	1,143	1,172	1,122	1,158	1,097	1,267
Part time for noneconomic reasons.....	18,415	18,487	18,246	18,181	18,359	18,560	18,636	18,985	18,741	18,668	18,555	18,347	18,361	18,197	18,984

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

**6. Selected unemployment indicators, monthly data seasonally adjusted**

[Unemployment rates]

Selected categories	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Characteristic</b>															
Total, 16 years and over.....	4.7	5.8	5.6	5.6	5.7	5.9	5.8	5.8	5.8	5.8	5.7	5.8	5.9	6.0	5.7
Both sexes, 16 to 19 years.....	14.7	16.5	16.3	16.0	16.6	16.9	17.0	16.9	17.0	16.9	16.2	15.1	16.8	16.4	16.8
Men, 20 years and over.....	4.2	5.3	5.1	5.0	5.2	5.3	5.2	5.4	5.3	5.3	5.3	5.4	5.6	5.6	5.4
Women, 20 years and over.....	4.1	5.1	4.8	5.0	5.0	5.3	5.2	5.1	5.1	5.0	5.0	5.2	5.0	5.2	4.7
White, total <sup>1</sup> .....	4.2	5.1	5.0	4.9	5.0	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.2	5.1	5.1
Both sexes, 16 to 19 years.....	12.7	14.5	14.7	14.2	14.5	14.3	14.6	14.8	15.6	14.8	14.2	13.9	14.5	13.8	15.2
Men, 16 to 19 years.....	13.9	15.9	14.5	15.6	16.3	15.7	15.5	16.6	17.9	17.1	15.6	14.7	15.8	14.9	16.2
Women, 16 to 19 years.....	11.4	13.1	14.9	12.8	12.7	12.8	13.8	13.0	13.1	12.4	12.7	13.1	13.0	12.7	14.2
Men, 20 years and over.....	3.7	4.7	4.6	4.4	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.0	4.9	4.9
Women, 20 years and over.....	3.6	4.4	4.3	4.4	4.3	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.2	4.4	4.1
Black or African American, total <sup>1</sup> .....	8.6	10.2	9.8	9.7	10.4	10.8	10.1	10.6	9.9	9.9	9.8	9.9	10.8	11.2	10.3
Both sexes, 16 to 19 years.....	29.0	29.8	31.1	28.7	31.7	35.2	29.9	30.1	27.1	30.1	28.0	23.9	30.5	33.2	30.4
Men, 16 to 19 years.....	30.4	31.3	32.1	30.0	35.9	35.3	36.1	30.8	22.7	31.3	34.4	24.9	30.0	34.5	33.2
Women, 16 to 19 years.....	27.5	28.3	29.9	27.2	27.2	35.0	22.2	29.3	31.4	28.9	21.5	22.7	31.0	32.1	28.0
Men, 20 years and over.....	8.0	9.5	8.8	8.7	9.4	9.1	8.7	10.3	9.2	9.1	9.4	9.9	10.6	10.5	10.3
Women, 20 years and over.....	7.0	8.8	8.5	8.6	8.9	9.5	9.3	8.8	8.9	8.5	8.1	8.5	9.0	9.7	8.4
Hispanic or Latino ethnicity.....	6.6	7.5	7.7	7.0	7.3	7.9	7.1	7.4	7.5	7.6	7.5	7.8	7.8	7.9	7.8
Married men, spouse present.....	2.7	3.6	3.5	3.4	3.5	3.9	3.6	4.0	3.5	3.5	3.6	3.6	3.6	3.7	3.5
Married women, spouse present.....	3.1	3.7	3.5	3.8	3.7	3.8	3.9	3.8	3.8	3.6	3.6	3.8	3.8	3.8	3.3
Full-time workers.....	4.7	5.9	5.7	5.7	5.8	6.1	5.9	6.0	5.9	5.8	5.8	5.9	6.1	6.1	5.8
Part-time workers.....	5.1	5.3	5.2	5.0	5.2	5.1	5.4	5.0	5.4	5.4	5.3	5.2	5.1	5.3	5.4
<b>Educational attainment<sup>2</sup></b>															
Less than a high school diploma.....	7.2	8.4	8.1	8.3	8.1	8.8	8.4	8.0	8.6	8.5	7.9	8.7	9.0	9.0	8.5
High school graduates, no college <sup>3</sup> .....	4.2	5.3	5.2	5.2	5.4	5.5	5.5	5.5	5.1	5.2	5.0	4.9	5.3	5.3	5.1
Some college or associate degree.....	3.3	4.5	4.3	4.2	4.3	4.6	4.7	4.6	4.4	4.3	4.6	4.7	4.8	5.0	4.8
Bachelor's degree and higher <sup>4</sup> .....	2.3	2.9	2.9	2.8	2.8	3.0	3.0	3.0	3.0	2.8	2.9	3.0	2.9	2.9	3.0

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race were included in the group they identified as the main race.

<sup>2</sup> Data refer to persons 25 years and over.

<sup>3</sup> Includes high school diploma or equivalent.

<sup>4</sup> Includes persons with bachelor's, master's, professional, and doctoral degrees.

**7. Duration of unemployment, monthly data seasonally adjusted**

[Numbers in thousands]

Weeks of unemployment	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Less than 5 weeks.....	2,853	2,893	2,991	2,932	3,041	2,934	2,900	2,786	2,903	2,895	2,782	2,797	2,912	2,860	2,772
5 to 14 weeks.....	2,196	2,580	2,604	2,540	2,489	2,851	2,566	2,803	2,520	2,505	2,558	2,515	2,532	2,547	2,577
15 weeks and over.....	1,752	2,904	2,561	2,609	3,685	2,810	2,911	3,045	2,955	2,891	3,019	3,099	3,143	3,296	3,140
15 to 26 weeks.....	951	1,369	1,409	1,403	1,366	1,364	1,328	1,419	1,381	1,361	1,359	1,374	1,317	1,392	1,457
27 weeks and over.....	801	1,535	1,152	1,206	1,319	1,446	1,583	1,626	1,573	1,530	1,660	1,724	1,826	1,904	1,683
Mean duration, in weeks.....	13.1	16.6	14.6	15.0	15.4	16.3	16.8	17.1	16.6	16.3	17.8	17.6	17.9	18.4	18.4
Median duration, in weeks.....	6.8	9.1	8.5	8.2	8.3	8.8	9.6	11.6	8.9	8.7	9.5	9.6	9.4	9.6	9.8

## 8. Unemployed persons by reason for unemployment, monthly data seasonally adjusted

[Numbers in thousands]

Reason for unemployment	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Job losers <sup>1</sup>	3,476	4,607	4,418	4,425	4,339	4,599	4,634	4,650	4,613	4,607	4,608	4,828	4,833	4,863	4,583
On temporary layoff	1,067	1,124	1,143	1,133	1,102	1,121	1,114	1,101	1,236	1,158	1,044	1,098	1,069	1,110	1,080
Not on temporary layoff	2,409	3,483	3,274	3,293	3,237	3,478	3,520	3,550	3,377	3,449	3,565	3,729	3,764	3,753	3,503
Job leavers	835	866	880	880	876	1,002	892	844	840	844	808	850	834	862	825
Reentrants	2,031	2,368	2,235	2,294	2,438	2,412	2,400	2,379	2,390	2,326	2,321	2,386	2,394	2,462	2,331
New entrants	459	536	495	499	539	530	503	544	547	587	542	494	586	534	616
<b>Percent of unemployed</b>															
Job losers <sup>1</sup>	51.1	55.0	55.0	54.6	53.0	53.8	55.0	55.2	55.0	55.1	55.7	56.4	55.9	55.8	54.9
On temporary layoff	15.7	13.4	14.2	14.0	13.5	13.1	13.2	13.1	14.7	13.8	12.6	12.8	12.4	12.7	12.9
Not on temporary layoff	35.4	41.6	40.8	40.7	39.5	40.7	41.8	42.2	40.2	41.2	42.1	43.6	43.5	43.0	41.9
Job leavers	12.3	10.3	11.0	10.9	10.7	11.7	10.6	10.0	10.0	10.1	9.8	9.9	9.6	9.9	9.9
Reentrants	29.9	28.3	27.8	28.3	29.8	28.2	28.5	28.3	28.5	27.8	28.0	27.9	27.7	28.2	27.9
New entrants	6.8	6.4	6.2	6.2	6.6	6.2	6.0	6.5	6.5	7.0	6.5	5.8	6.8	6.1	7.4
<b>Percent of civilian labor force</b>															
Job losers <sup>1</sup>	2.4	3.2	3.1	3.1	3.0	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.4	3.1
Job leavers	.6	.6	.6	.6	.6	.7	.6	.6	.6	.6	.5	.6	.6	.6	.6
Reentrants	1.4	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.6
New entrants	.3	.4	.3	.3	.4	.4	.3	.4	.4	.4	.4	.3	.4	.4	.4

<sup>1</sup> Includes persons who completed temporary jobs.

## 9. Unemployment rates by sex and age, monthly data seasonally adjusted

[Civilian workers]

Sex and age	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	4.7	5.8	5.6	5.6	5.7	5.9	5.8	5.8	5.8	5.8	5.7	5.8	5.9	6.0	5.7
16 to 24 years	10.6	12.0	11.9	11.7	12.3	12.3	11.8	12.0	12.1	12.1	11.9	11.8	12.2	11.9	11.8
16 to 19 years	14.7	16.5	16.3	16.0	16.6	16.9	17.0	16.9	17.0	16.9	16.2	15.1	16.8	16.4	16.8
16 to 17 years	17.2	18.8	18.4	17.1	18.1	19.5	20.4	19.6	19.7	19.3	19.4	16.2	19.4	17.6	18.3
18 to 19 years	13.1	15.1	15.0	14.7	15.2	15.5	15.3	15.3	15.5	16.2	14.0	14.3	15.3	15.5	15.9
20 to 24 years	8.3	9.7	9.6	9.5	10.1	9.9	9.1	9.4	9.6	9.6	9.6	10.1	9.8	9.7	9.3
25 years and over	3.7	4.6	4.4	4.5	4.5	4.8	4.8	4.8	4.7	4.6	4.6	4.7	4.8	4.8	4.6
25 to 54 years	3.8	4.8	4.7	4.6	4.7	4.9	4.9	4.9	4.8	4.7	4.7	4.9	5.1	5.0	4.7
55 years and over	3.0	3.8	3.5	3.7	3.5	4.0	4.1	4.1	3.8	4.0	3.9	3.9	3.7	4.2	4.1
Men, 16 years and over	4.8	5.9	5.7	5.6	5.9	6.0	5.9	6.0	5.9	6.0	5.9	5.9	6.2	6.2	6.0
16 to 24 years	11.4	12.8	12.6	12.6	13.5	13.0	12.7	12.6	12.8	13.3	13.1	12.3	12.8	12.6	12.4
16 to 19 years	16.0	18.1	16.9	17.3	18.6	18.4	18.8	18.6	18.9	19.3	18.3	16.0	18.0	17.5	18.2
16 to 17 years	19.1	21.1	20.2	20.3	20.9	20.2	23.1	22.0	22.2	23.1	21.5	17.2	21.2	18.5	19.3
18 to 19 years	14.0	16.4	15.3	15.3	16.6	17.2	16.4	16.6	16.6	18.1	16.3	15.2	16.1	16.7	17.6
20 to 24 years	9.0	10.2	10.4	10.1	10.9	10.3	9.6	9.6	9.7	10.3	10.5	10.4	10.2	10.2	9.7
25 years and over	3.6	4.7	4.5	4.4	4.5	4.7	4.8	4.8	4.9	4.7	4.6	4.8	5.1	5.0	4.9
25 to 54 years	3.7	4.8	4.7	4.5	4.7	4.8	4.8	5.0	4.9	4.8	4.7	4.9	5.3	5.2	5.0
55 years and over	3.2	4.1	3.8	4.0	3.6	4.2	4.4	4.4	4.0	4.1	4.1	4.0	4.0	4.4	4.4
Women, 16 years and over	4.7	5.6	5.4	5.5	5.5	5.9	5.7	5.6	5.7	5.5	5.5	5.7	5.6	5.8	5.3
16 to 24 years	9.6	11.1	11.2	10.8	11.0	11.5	10.8	11.2	11.4	10.7	10.5	11.3	11.5	11.3	11.1
16 to 19 years	13.4	14.9	15.6	14.6	14.4	15.5	15.0	15.0	15.1	14.4	14.0	14.1	15.6	15.2	15.5
16 to 17 years	15.2	16.6	16.5	13.9	15.4	18.7	17.4	17.2	17.1	15.5	17.4	15.2	17.4	16.6	17.3
18 to 24 years	12.2	13.8	14.7	13.9	13.6	13.7	14.1	14.0	14.3	14.1	11.5	13.3	14.4	14.2	14.1
20 to 24 years	7.5	9.1	8.8	8.8	9.2	9.4	8.6	9.2	9.4	8.8	8.7	9.8	9.4	9.3	8.8
25 years and over	3.7	4.6	4.3	4.5	4.5	4.9	4.8	4.6	4.6	4.5	4.5	4.6	4.5	4.6	4.2
25 to 54 years	3.9	4.8	4.7	4.7	4.7	4.9	5.0	4.8	4.8	4.6	4.7	4.8	4.8	4.8	4.4
55 years and over <sup>1</sup>	2.7	3.6	3.3	3.3	3.6	3.4	3.1	3.9	3.8	4.3	3.6	3.5	3.2	3.8	4.1

<sup>1</sup> Data are not seasonally adjusted.

10. Unemployment rates by State, seasonally adjusted

State	Dec. 2001	Nov. 2002 <sup>P</sup>	Dec. 2002 <sup>P</sup>	State	Dec. 2001	Nov. 2002 <sup>P</sup>	Dec. 2002 <sup>P</sup>
Alabama.....	5.8	5.9	5.9	Missouri.....	5.1	5.6	5.5
Alaska.....	6.8	8.2	8.4	Montana.....	4.7	4.7	4.7
Arizona.....	6.0	6.1	5.9	Nebraska.....	3.4	3.6	3.6
Arkansas.....	5.4	5.4	5.4	Nevada.....	6.7	4.9	4.9
California.....	6.2	6.8	6.9	New Hampshire.....	4.1	5.0	5.0
Colorado.....	5.4	5.8	5.8	New Jersey.....	5.2	6.0	6.0
Connecticut.....	4.0	4.6	4.7	New Mexico.....	5.3	5.4	5.4
Delaware.....	3.7	4.3	4.3	New York.....	5.8	6.3	6.4
District of Columbia.....	6.4	6.4	6.6	North Carolina.....	6.6	6.6	6.7
Florida.....	5.8	5.3	5.3	North Dakota.....	3.6	4.3	3.9
Georgia.....	4.7	5.3	5.3	Ohio.....	5.1	5.6	5.6
Hawaii.....	5.2	3.9	3.9	Oklahoma.....	4.4	4.5	4.7
Idaho.....	5.6	6.0	6.1	Oregon.....	7.9	7.3	7.3
Illinois.....	6.1	6.7	6.7	Pennsylvania.....	5.2	5.9	6.1
Indiana.....	5.1	5.0	4.9	Rhode Island.....	5.0	5.4	5.5
Iowa.....	3.7	4.1	4.2	South Carolina.....	5.9	6.3	6.2
Kansas.....	4.7	5.2	5.2	South Dakota.....	3.7	2.8	2.8
Kentucky.....	5.9	5.5	5.5	Tennessee.....	5.2	4.9	4.9
Louisiana.....	6.3	6.2	6.3	Texas.....	5.9	6.5	6.5
Maine.....	4.2	4.7	4.8	Utah.....	6.1	6.2	6.3
Maryland.....	4.4	4.2	4.2	Vermont.....	3.9	3.7	3.7
Massachusetts.....	4.7	5.4	5.5	Virginia.....	4.2	3.9	3.8
Michigan.....	6.0	6.1	6.2	Washington.....	7.3	7.0	7.0
Minnesota.....	4.2	4.3	4.3	West Virginia.....	5.1	6.2	6.1
Mississippi.....	6.5	7.0	7.0	Wisconsin.....	5.0	5.6	5.7
				Wyoming.....	4.1	4.3	4.4

<sup>P</sup> = preliminary

Dash indicates data not available.

11. Employment of workers on nonfarm payrolls by State, seasonally adjusted

[In thousands]

State	Dec. 2001	Nov. 2002 <sup>P</sup>	Dec. 2002 <sup>P</sup>	State	Dec. 2001	Nov. 2002 <sup>P</sup>	Dec. 2002 <sup>P</sup>
Alabama.....	1,903.7	1,891.3	1,892.4	Missouri.....	2,695.2	2,661.8	2,655.3
Alaska.....	291.4	295.9	295.4	Montana.....	390.3	398.7	397.7
Arizona.....	2,247.1	2,260.3	2,251.1	Nebraska.....	908.8	912.9	913.1
Arkansas.....	1,147.5	1,149.4	1,149.6	Nevada.....	1,049.6	1,075.6	1,075.2
California.....	14,656.2	14,645.8	14,630.4	New Hampshire.....	624.6	624.0	621.4
Colorado.....	2,205.0	2,177.8	2,174.0	New Jersey.....	4,023.3	4,013.5	4,009.4
Connecticut.....	1,672.1	1,665.9	1,662.8	New Mexico.....	758.1	765.7	764.2
Delaware.....	418.2	411.0	408.8	New York.....	8,568.5	8,531.0	8,524.2
District of Columbia.....	649.6	652.2	648.9	North Carolina.....	3,881.6	3,879.4	3,877.2
Florida.....	7,166.3	7,239.4	7,230.6	North Dakota.....	331.0	330.3	331.0
Georgia.....	3,890.2	3,863.2	3,849.0	Ohio.....	5,534.5	5,503.7	5,493.5
Hawaii.....	545.5	553.1	554.6	Oklahoma.....	1,515.9	1,521.9	1,521.3
Idaho.....	568.9	562.2	562.2	Oregon.....	1,580.1	1,585.2	1,586.0
Illinois.....	5,958.0	5,907.7	5,893.5	Pennsylvania.....	5,663.1	5,638.4	5,629.9
Indiana.....	2,911.0	2,904.3	2,900.6	Rhode Island.....	477.9	482.5	481.7
Iowa.....	1,462.8	1,463.7	1,460.0	South Carolina.....	1,827.8	1,832.8	1,828.4
Kansas.....	1,363.1	1,363.2	1,363.8	South Dakota.....	376.3	376.0	375.1
Kentucky.....	1,818.5	1,839.4	1,839.5	Tennessee.....	2,706.9	2,699.0	2,697.6
Louisiana.....	1,937.8	1,929.9	1,931.1	Texas.....	9,437.0	9,410.6	9,410.6
Maine.....	608.1	610.5	610.3	Utah.....	1,073.7	1,062.7	1,061.8
Maryland.....	2,469.9	2,473.1	2,478.3	Vermont.....	297.4	298.3	298.3
Massachusetts.....	3,307.1	3,270.4	3,259.5	Virginia.....	3,501.9	3,499.1	3,492.0
Michigan.....	4,555.5	4,535.7	4,516.0	Washington.....	2,655.6	2,641.8	2,643.0
Minnesota.....	2,648.4	2,646.6	2,636.5	West Virginia.....	734.6	726.5	726.8
Mississippi.....	1,125.6	1,129.8	1,131.6	Wisconsin.....	2,817.5	2,842.6	2,837.3
				Wyoming.....	245.9	247.7	247.2

<sup>P</sup> = preliminary. Dash indicates data not available.

NOTE: Some data in this table may differ from data published elsewhere because of the continual updating of the data base.

## 12. Employment of workers on nonfarm payrolls by industry, monthly data seasonally adjusted

[In thousands]

Industry	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
<b>TOTAL</b> .....	131,922	130,793	130,871	130,706	130,701	130,680	130,702	130,736	130,790	130,913	130,829	130,898	130,817	130,855	130,547
<b>PRIVATE SECTOR</b> .....	110,989	109,531	109,734	109,544	109,505	109,495	109,496	109,525	109,562	109,624	109,536	109,549	109,453	109,453	109,311
<b>GOODS-PRODUCING</b> .....	24,944	23,836	24,130	24,041	23,975	23,905	23,870	23,861	23,812	23,801	23,748	23,688	23,631	23,551	23,570
<b>Mining</b> .....	565	557	568	564	560	564	558	555	551	555	552	552	551	553	550
Metal mining.....	36	32	33	32	32	32	32	32	33	32	32	32	32	32	32
Oil and gas extraction.....	338	334	342	339	336	339	334	333	329	333	330	331	332	335	335
Nonmetallic minerals, except fuels.....	111	111	111	111	111	112	112	110	110	111	111	111	109	109	107
<b>Construction</b> .....	6,685	6,555	6,615	6,597	6,593	6,541	6,541	6,549	6,519	6,556	6,556	6,544	6,543	6,544	6,570
General building contractors.....	1,462	1,462	1,459	1,458	1,462	1,452	1,454	1,454	1,445	1,450	1,469	1,475	1,480	1,476	1,470
Heavy construction, except building.....	922	900	919	914	908	901	908	910	899	898	898	893	885	880	896
Special trades contractors.....	4,300	4,194	4,237	4,225	4,223	4,188	4,179	4,185	4,175	4,198	4,189	4,176	4,178	4,188	4,204
<b>Manufacturing</b> .....	17,695	16,725	16,947	16,880	16,822	16,800	16,758	16,757	16,742	16,690	16,640	16,592	16,537	16,454	16,450
Production workers.....	11,933	11,217	11,362	11,305	11,264	11,250	11,245	11,236	11,247	11,212	11,164	11,134	11,088	11,030	11,043
<b>Durable goods</b> .....	10,636	9,907	10,070	10,023	9,976	9,976	9,963	9,944	9,922	9,889	9,832	9,800	9,757	9,699	9,695
Production workers.....	7,126	6,587	6,690	6,653	6,625	6,620	6,619	6,603	6,609	6,591	6,539	6,522	6,487	6,445	6,455
Lumber and wood products.....	786	767	771	771	769	767	770	767	766	768	764	764	761	758	761
Furniture and fixtures.....	519	491	492	491	491	497	494	495	495	495	488	488	486	480	478
Stone, clay, and glass products.....	571	554	555	551	550	551	549	552	554	557	558	557	556	556	553
Primary metal industries.....	656	592	607	601	596	598	597	593	589	589	586	582	582	579	581
Fabricated metal products.....	1,483	1,418	1,427	1,425	1,422	1,425	1,428	1,425	1,428	1,418	1,412	1,409	1,400	1,391	1,388
Industrial machinery and equipment.....	2,010	1,824	1,868	1,855	1,846	1,842	1,826	1,829	1,826	1,810	1,801	1,797	1,790	1,781	1,775
Computer and office equipment.....	343	304	317	315	315	313	308	304	301	296	296	295	293	291	290
Electronic and other electrical equipment.....	1,631	1,419	1,478	1,459	1,445	1,443	1,437	1,428	1,426	1,408	1,392	1,381	2,368	1,360	1,354
Electronic components and accessories.....	661	558	582	571	566	566	567	566	563	555	550	544	536	532	528
Transportation equipment.....	1,760	1,667	1,680	1,682	1,674	1,671	1,675	1,679	1,661	1,675	1,661	1,659	1,648	1,638	1,640
Motor vehicles and equipment.....	947	912	902	913	915	912	914	920	905	918	912	914	909	900	911
Aircraft and parts.....	461	410	437	427	419	416	416	411	409	407	400	396	392	392	389
Instruments and related products.....	830	804	818	816	813	811	807	805	803	799	798	793	792	790	793
Miscellaneous manufacturing industries.....	380	372	374	372	370	371	372	371	374	370	372	370	374	369	369
<b>Nondurable goods</b> .....	7,059	6,818	6,877	6,857	6,846	6,824	6,808	6,813	6,820	6,801	6,808	6,792	6,780	6,755	6,755
Production workers.....	4,808	4,630	4,672	4,652	4,639	4,630	4,626	4,633	4,638	4,621	4,625	4,612	4,601	4,585	4,588
Food and kindred products.....	1,691	1,689	1,686	1,686	1,685	1,689	1,687	1,691	1,687	1,683	1,694	1,690	1,687	1,689	1,695
Tobacco products.....	34	35	34	33	34	33	34	34	35	38	37	37	36	36	34
Textile mill products.....	478	432	444	441	440	436	434	432	429	427	426	426	422	422	419
Apparel and other textile products.....	566	521	536	531	527	523	520	522	525	524	516	510	509	507	504
Paper and allied products.....	834	615	622	621	620	615	612	612	612	613	612	614	613	607	605
Printing and publishing.....	1,490	1,410	1,437	1,428	1,419	1,413	1,407	1,405	1,406	1,401	1,403	1,401	1,400	1,393	1,396
Chemicals and allied products.....	1,022	1,008	1,008	1,011	1,010	1,008	1,006	1,008	1,008	1,006	1,010	1,006	1,007	1,007	1,005
Petroleum and coal products... Rubber and miscellaneous plastics products.....	126	125	126	126	126	125	125	125	126	125	126	125	126	125	125
Leather and leather products... Leather and leather products... Leather and leather products...	958	927	928	924	929	927	928	929	936	929	927	926	925	916	917
Leather and leather products... Leather and leather products... Leather and leather products...	60	56	56	56	56	55	55	55	56	55	57	57	55	53	54
<b>SERVICE-PRODUCING</b> .....	106,978	106,957	106,741	106,665	106,726	106,775	106,832	106,875	106,978	107,112	107,081	107,210	107,186	107,119	107,285
<b>Transportation and public   utilities</b> .....	7,065	6,773	6,850	6,837	6,814	6,799	6,793	6,790	6,780	6,765	6,725	6,727	6,721	6,686	6,684
Transportation.....	4,497	4,317	4,343	4,341	4,330	4,330	4,328	4,334	4,328	4,323	4,293	4,300	4,300	4,273	4,297
Railroad transportation.....	234	229	235	234	233	230	228	229	227	228	226	225	225	225	224
Local and interurban passenger transit.....	480	472	481	479	478	476	475	472	471	466	469	471	467	466	464
Trucking and warehousing.....	1,848	1,826	1,824	1,826	1,819	1,830	1,827	1,829	1,834	1,827	1,816	1,826	1,829	1,827	1,825
Water transportation.....	192	190	188	187	186	190	193	193	192	190	189	189	192	191	191
Transportation by air.....	1,266	1,162	1,171	1,171	1,172	1,162	1,165	1,172	1,167	1,176	1,160	1,156	1,151	1,127	1,156
Pipelines, except natural gas... Transportation services.....	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Transportation services.....	462	423	429	429	427	427	425	424	422	421	418	418	421	422	422
<b>Communications and public   utilities</b> .....	2,570	2,456	2,507	2,496	2,484	2,469	2,465	2,456	2,452	2,442	2,432	2,427	2,421	2,413	2,387
Communications.....	1,716	1,614	1,660	1,652	1,643	1,628	1,626	1,615	1,608	1,597	1,588	1,584	1,583	1,576	1,553
Electric, gas, and sanitary services.....	852	842	847	844	841	841	839	841	844	845	844	842	838	837	834
<b>Wholesale trade</b> .....	6,776	6,671	6,702	6,689	6,681	6,678	6,681	6,681	6,679	6,671	6,663	6,657	6,643	6,637	6,638
<b>Retail trade</b> .....	23,522	23,306	23,396	23,331	23,332	23,345	23,327	23,308	23,339	23,295	23,291	23,289	23,247	23,152	23,268
Building materials and garden supplies.....	1,044	1,065	1,049	1,048	1,053	1,061	1,068	1,066	1,067	1,066	1,067	1,071	1,078	1,077	1,084
General merchandise stores..... Department stores.....	2,897	2,868	2,856	2,892	2,901	2,915	2,897	2,884	2,885	2,850	2,856	2,851	2,828	2,821	2,831
Department stores.....	2,559	2,529	2,520	2,550	2,560	2,575	2,560	2,542	2,544	2,513	2,515	2,506	2,491	2,488	2,499

See footnotes at end of table.

12. Continued— Employment of workers on nonfarm payrolls by industry, monthly data seasonally adjusted

[In thousands]

Industry	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
Food stores.....	3,541	3,394	3,421	3,402	3,392	3,392	3,397	3,394	3,388	3,392	3,392	3,380	3,382	3,365	3,372
Automotive dealers and service stations.....	2,425	2,432	2,436	2,430	2,426	2,429	2,434	2,432	2,437	2,443	2,438	2,438	2,430	2,420	2,415
New and used car dealers.....	1,121	1,130	1,133	1,134	1,131	1,129	1,133	1,128	1,127	1,130	1,131	1,131	1,128	1,123	1,118
Apparel and accessory stores.....	1,189	1,174	1,187	1,172	1,175	1,170	1,169	1,173	1,178	1,177	1,171	1,174	1,172	1,174	1,173
Furniture and home furnishings stores.....	1,141	1,151	1,138	1,143	1,143	1,141	1,146	1,148	1,153	1,154	1,153	1,156	1,165	1,175	1,165
Eating and drinking places.....	8,256	8,143	8,238	8,161	8,154	8,152	8,130	8,121	8,144	8,125	8,129	8,140	8,129	8,063	8,145
Miscellaneous retail establishments.....	3,118	3,079	3,069	3,083	3,088	3,085	3,086	3,090	3,087	3,088	3,085	3,073	3,063	3,057	3,083
<b>Finance, insurance, and real estate.....</b>	<b>7,712</b>	<b>7,760</b>	<b>7,748</b>	<b>7,745</b>	<b>7,740</b>	<b>7,743</b>	<b>7,732</b>	<b>7,733</b>	<b>7,737</b>	<b>7,745</b>	<b>7,773</b>	<b>7,803</b>	<b>7,807</b>	<b>7,816</b>	<b>7,812</b>
Finance.....	3,800	3,828	3,819	3,812	3,809	3,813	3,813	3,819	3,819	3,822	3,837	3,853	3,854	3,861	3,864
Depository institutions.....	2,053	2,076	2,070	2,072	2,074	2,075	2,073	2,071	2,073	2,075	2,078	2,080	2,082	2,079	2,078
Commercial banks.....	1,434	1,448	1,450	1,446	1,447	1,446	1,446	1,444	1,445	1,448	1,450	1,452	1,451	1,449	1,448
Savings institutions.....	256	263	262	263	264	264	264	264	263	263	264	263	261	261	260
Nondepository institutions.....	720	772	755	754	753	756	756	762	767	773	783	797	801	809	816
Security and commodity brokers.....	769	718	729	726	722	723	723	723	718	714	714	713	709	709	711
Holding and other investment offices.....	257	261	259	260	260	259	261	263	261	260	262	263	262	264	259
Insurance.....	2,369	2,370	2,372	2,376	2,375	2,374	2,369	2,366	2,365	2,366	2,366	2,371	2,373	2,375	2,379
Insurance carriers.....	1,595	1,582	1,594	1,593	1,591	1,989	1,583	1,579	1,576	1,574	1,577	1,578	1,578	1,578	1,583
Insurance agents, brokers, and service.....	773	788	778	783	784	785	786	787	789	792	789	793	795	797	796
Real estate.....	1,544	1,562	1,557	1,557	1,556	1,556	1,550	1,548	1,553	1,557	1,570	1,579	1,580	1,580	1,569
<b>Services.....</b>	<b>40,970</b>	<b>41,183</b>	<b>10,908</b>	<b>40,901</b>	<b>40,963</b>	<b>41,025</b>	<b>41,093</b>	<b>41,152</b>	<b>41,215</b>	<b>41,347</b>	<b>41,336</b>	<b>41,385</b>	<b>41,404</b>	<b>41,469</b>	<b>41,513</b>
Agricultural services.....	849	867	865	868	872	857	856	862	862	863	874	874	880	880	884
Hotels and other lodging places.....	1,870	1,798	1,811	1,811	1,811	1,796	1,789	1,801	1,795	1,788	1,782	1,791	1,792	1,807	1,813
Personal services.....	1,269	1,286	1,290	1,282	1,289	1,286	1,279	1,285	1,282	1,285	1,287	1,288	1,283	1,292	1,279
Business services.....	9,572	9,305	9,231	9,207	9,237	9,312	9,330	9,332	9,325	9,395	9,330	9,324	9,309	9,311	9,298
Services to buildings.....	1,016	1,031	1,022	1,018	1,021	1,027	1,023	1,023	1,034	1,041	1,042	1,041	1,045	1,044	1,040
Personnel supply services.....	3,446	3,169	3,080	3,070	3,107	3,175	3,198	3,205	3,196	3,257	3,188	3,178	3,152	3,152	3,175
Help supply services.....	3,084	2,852	2,761	2,758	2,795	2,857	2,888	2,902	2,875	2,925	2,869	2,865	2,838	2,866	2,876
Computer and data processing services.....	2,225	2,195	2,213	2,208	2,198	2,190	2,190	2,191	2,193	2,191	2,190	2,196	2,195	2,187	2,186
Auto repair services and parking.....	1,257	1,263	1,262	1,262	1,260	1,261	1,262	1,265	1,266	1,266	1,266	1,262	1,263	1,268	1,274
Miscellaneous repair services.....	374	377	376	379	377	377	375	378	379	377	378	378	378	376	378
Motion pictures.....	583	583	581	574	572	574	578	581	584	588	595	591	590	583	581
Amusement and recreation services.....	1,721	1,642	1,699	1,649	1,635	1,611	1,621	1,631	1,649	1,662	1,638	1,640	1,630	1,653	1,663
Health services.....	10,381	10,673	10,551	10,575	10,602	10,611	10,626	10,660	10,687	10,711	10,729	10,755	10,777	10,787	10,806
Offices and clinics of medical doctors.....	2,002	2,064	2,033	3,041	2,046	2,044	2,050	2,061	2,067	2,075	2,079	2,085	2,088	2,092	2,089
Nursing and personal care facilities.....	1,847	1,889	1,876	1,875	1,879	1,883	1,886	1,887	1,888	1,893	1,896	1,899	1,905	1,904	1,906
Hospitals.....	4,096	4,225	4,174	4,184	4,193	4,199	4,207	4,221	4,233	4,244	4,247	4,256	4,267	4,269	4,276
Home health care services.....	636	647	643	642	643	643	644	643	646	646	651	655	656	657	659
Legal services.....	1,037	1,966	1,053	1,054	1,056	1,059	1,066	1,065	1,065	1,065	1,072	1,077	1,079	1,081	1,086
Educational services.....	2,433	2,526	2,473	2,485	2,489	2,501	2,518	2,511	2,529	2,538	2,550	2,560	2,574	2,582	2,591
Social services.....	3,057	3,177	3,149	3,155	3,162	3,167	3,164	3,165	3,181	3,203	3,199	3,201	3,208	3,209	3,222
Child day care services.....	716	726	723	722	723	925	722	726	726	736	731	730	728	725	729
Residential care.....	864	904	896	899	902	903	901	904	904	906	906	909	912	915	912
Museums and botanical and zoological gardens.....	110	108	110	109	109	109	108	109	109	108	108	107	107	106	107
Membership organizations.....	2,468	2,477	2,471	2,471	2,470	2,477	2,480	2,484	2,476	2,472	2,478	2,480	2,478	2,476	2,473
Engineering and management services.....	3,593	3,645	3,624	3,629	3,631	3,636	3,649	3,636	3,634	3,634	3,659	3,666	3,667	3,669	3,670
Engineering and architectural services.....	1,053	1,036	1,047	1,044	1,044	1,041	1,042	1,034	1,032	1,030	1,029	1,027	1,028	1,028	1,020
Management and public relations.....	1,166	1,210	1,192	1,193	1,191	1,202	1,209	1,204	1,214	1,211	1,224	1,226	1,228	1,232	1,238
<b>Government.....</b>	<b>20,933</b>	<b>21,260</b>	<b>21,137</b>	<b>21,162</b>	<b>21,196</b>	<b>21,185</b>	<b>21,206</b>	<b>21,211</b>	<b>21,228</b>	<b>21,289</b>	<b>21,293</b>	<b>21,349</b>	<b>21,364</b>	<b>21,359</b>	<b>21,370</b>
Federal.....	2,616	2,620	2,615	2,609	2,608	2,611	2,600	2,601	2,607	2,611	2,621	2,649	2,661	2,664	2,665
Federal, except Postal Service.....	1,767	1,803	1,776	1,777	1,782	1,784	1,777	1,783	1,790	1,792	1,810	1,840	1,853	1,856	1,855
State.....	4,885	4,947	4,935	4,937	4,940	4,942	4,945	4,935	4,950	4,948	4,958	4,955	4,961	4,953	4,933
Education.....	2,096	2,147	2,127	2,130	2,133	2,135	2,141	2,135	2,155	2,145	2,163	2,160	2,165	2,166	2,146
Other State government.....	2,789	2,800	2,808	2,807	2,807	2,807	2,804	2,800	2,795	2,803	2,795	2,795	2,786	2,787	2,787
Local.....	13,432	13,694	13,575	13,593	13,617	13,645	13,661	13,675	13,671	13,730	13,714	13,745	13,742	13,742	13,772
Education.....	7,646	7,799	7,732	7,746	7,767	7,754	7,770	7,755	7,788	7,837	7,808	7,829	7,820	7,813	7,842
Other local government.....	5,786	5,895	5,861	5,871	5,878	5,879	5,891	5,920	5,883	5,893	5,906	5,916	5,922	5,929	5,930

<sup>1</sup> Includes other industries not shown separately.

<sup>P</sup> = preliminary.

NOTE: See "Notes on the data" for a description of the most recent benchmark revision.

13. Average weekly hours of production or nonsupervisory workers on private nonfarm payrolls, by industry, monthly data seasonally adjusted

Industry	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
<b>PRIVATE SECTOR</b> .....	34.2	24.1	34.1	34.2	34.2	34.2	34.2	34.3	34.0	34.1	34.2	34.2	34.2	34.1	34.3
<b>GOODS-PRODUCING</b> .....	40.4	40.3	40.3	40.4	40.5	40.4	40.3	40.5	40.0	40.3	40.3	40.1	39.9	40.2	40.5
<b>MINING</b> .....	43.5	42.9	43.0	43.4	43.3	42.4	43.0	43.3	42.7	43.3	42.8	42.7	43.1	42.1	42.7
<b>MANUFACTURING</b> .....	40.7	40.9	40.6	40.7	41.0	40.9	40.9	41.1	40.7	40.9	40.8	40.7	40.6	40.9	40.8
Overtime hours.....	3.9	4.1	3.9	3.9	4.1	4.2	4.2	4.3	4.0	4.2	4.1	4.1	4.0	4.2	4.1
<b>Durable goods</b> .....	41.0	41.3	41.0	41.1	41.3	41.4	41.3	41.5	41.0	41.2	41.3	41.2	40.9	41.3	41.4
Overtime hours.....	3.9	4.1	3.9	3.9	4.1	4.1	4.1	4.2	3.9	4.1	4.1	4.2	4.0	4.2	4.1
Lumber and wood products.....	40.6	41.0	40.5	40.9	41.1	40.8	40.8	41.0	41.2	41.0	41.1	41.0	40.6	41.2	41.1
Furniture and fixtures.....	39.0	40.2	40.1	40.3	40.6	40.8	40.4	40.2	40.1	40.3	40.2	39.6	39.5	40.7	40.2
Stone, clay, and glass products.....	43.6	43.5	43.8	44.1	43.6	43.8	43.4	43.7	43.2	43.3	43.4	43.4	42.9	43.1	43.6
Primary metal industries.....	43.6	44.3	43.6	43.8	44.4	44.3	44.1	44.6	44.1	44.3	44.2	44.7	44.3	44.7	44.3
Blast furnaces and basic steel products.....	44.6	45.6	44.5	44.8	45.5	45.1	45.6	46.1	45.5	45.8	46.0	46.2	45.4	46.5	44.8
Fabricated metal products.....	41.4	41.7	41.3	41.6	41.7	41.6	41.9	42.0	41.7	41.7	41.6	41.6	41.2	41.2	41.6
Industrial machinery and equipment... Electronic and other electrical equipment.....	40.6	40.6	40.1	40.1	40.5	40.6	40.7	40.9	40.3	40.8	40.7	40.5	40.3	40.6	40.8
Transportation equipment.....	39.4	39.0	38.7	38.9	39.4	39.5	39.4	39.4	38.7	38.7	38.8	38.3	38.7	38.9	38.6
Motor vehicles and equipment.....	41.9	42.6	42.7	42.3	42.4	42.6	42.3	43.5	41.7	42.2	42.6	42.2	42.2	42.5	43.0
Instruments and related products.....	42.7	44.2	44.3	43.7	43.9	44.4	44.2	44.1	42.9	43.8	44.3	44.4	44.0	44.4	45.2
Miscellaneous manufacturing.....	40.9	40.7	40.5	40.4	40.6	40.4	40.4	40.9	40.4	40.7	40.8	40.7	40.6	40.9	40.8
<b>Nondurable goods</b> .....	37.9	38.7	38.2	38.4	38.8	38.8	38.8	39.6	38.4	38.5	38.6	38.9	38.5	38.8	39.0
Overtime hours.....	4.0	4.2	4.0	3.9	4.2	4.3	4.3	4.3	4.2	4.2	4.0	4.1	4.0	4.2	4.0
Food and kindred products.....	40.3	40.3	40.0	40.2	40.4	40.3	40.4	40.6	40.2	40.5	40.2	40.1	40.1	40.4	40.1
Textile mill products.....	4.0	4.2	4.0	3.9	4.2	4.3	4.3	4.3	4.2	4.2	4.0	4.1	4.0	4.2	4.0
Apparel and other textile products.....	41.1	41.2	41.0	41.0	41.4	41.2	41.2	41.6	41.0	41.3	40.8	40.8	41.0	41.4	40.8
Paper and allied products.....	39.9	41.2	40.2	40.9	41.4	41.5	41.4	41.5	41.6	41.8	41.2	41.9	40.9	41.2	40.5
Printing and publishing.....	37.3	36.9	36.7	36.7	37.4	37.1	37.0	37.0	36.8	36.8	36.9	36.6	36.6	36.7	36.6
Chemicals and allied products.....	41.6	41.6	41.1	41.5	41.5	41.6	41.9	41.6	41.2	41.7	41.4	41.3	41.5	41.8	42.0
Rubber and miscellaneous plastics products.....	38.1	37.5	37.3	37.4	37.5	37.2	37.5	37.7	37.3	37.7	37.5	37.4	37.1	37.7	37.8
Leather and leather products.....	42.3	42.2	41.9	41.9	42.0	41.8	42.3	42.5	42.1	42.6	42.4	42.2	42.2	42.1	41.7
<b>SERVICE-PRODUCING</b> .....	40.7	41.0	40.5	40.9	41.1	41.6	41.2	41.3	41.0	41.2	40.8	40.9	40.7	40.8	40.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	36.3	36.8	37.0	37.2	37.3	37.5	36.7	36.8	36.7	35.7	35.6	36.3	37.0	37.1	37.0
<b>WHOLESALE TRADE</b> .....	32.7	32.7	32.7	32.7	32.8	32.7	32.8	32.8	32.6	32.7	32.8	32.8	32.9	32.8	32.9
<b>RETAIL TRADE</b> .....	32.7	32.7	32.7	32.7	32.8	32.7	32.8	32.8	32.6	32.7	32.8	32.8	32.9	32.8	32.9
	38.2	38.3	38.1	38.2	38.2	38.3	38.4	38.3	38.3	38.4	38.5	38.4	38.5	38.3	38.3
	38.2	38.4	38.2	38.3	38.4	38.3	38.3	38.6	38.4	38.5	38.5	38.6	38.5	38.5	38.4
	28.9	29.0	28.9	29.0	29.1	29.0	29.1	29.1	28.8	28.9	29.0	29.1	29.2	29.2	29.3

<sup>P</sup> = preliminary.

NOTE: See "Notes on the data" for a description of the most recent benchmark revision.



14. Average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls, by industry, seasonally adjusted

Industry	Annual average		2002												
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
<b>PRIVATE SECTOR (in current dollars)..</b>	\$14.32	\$14.77	\$14.58	\$14.61	\$14.64	\$14.66	\$14.69	\$14.74	\$14.76	\$14.83	\$14.85	\$14.90	\$14.93	\$14.98	\$14.97
<b>Goods-producing.....</b>	15.92	16.41	16.24	16.28	16.29	16.32	16.35	16.39	16.38	16.44	16.48	16.54	16.54	16.61	16.63
Mining.....	17.56	17.76	17.69	17.66	17.72	17.63	17.87	17.70	17.78	17.87	17.82	17.83	17.89	17.78	17.89
Construction.....	18.34	18.87	18.65	18.68	18.74	18.83	18.77	18.81	18.87	18.90	18.98	19.00	19.00	19.14	19.02
Manufacturing.....	14.83	15.30	15.13	15.17	15.19	15.19	15.27	15.31	15.28	15.34	15.35	15.44	15.44	15.48	15.53
Excluding overtime.....	14.15	14.57	14.42	14.46	14.45	14.43	14.53	14.56	14.57	14.59	14.62	14.70	14.71	14.72	14.79
<b>Service-producing.....</b>	13.85	14.30	14.11	14.13	14.18	14.19	14.23	14.27	14.31	14.37	14.40	14.44	14.50	14.53	14.51
Transportation and public utilities.....	16.79	17.29	17.09	17.11	17.21	17.21	17.26	17.31	17.27	17.28	17.36	17.38	17.51	17.45	17.42
Wholesale trade.....	15.86	16.21	16.10	16.19	16.23	16.11	16.12	16.15	16.14	16.28	16.29	16.31	16.32	16.37	16.36
Retail trade.....	9.77	10.04	9.90	9.92	9.95	9.97	9.99	10.06	10.05	10.09	10.10	10.12	10.14	10.18	10.15
Finance, insurance, and real estate....	15.80	16.35	16.06	16.08	16.14	16.18	16.17	16.27	16.38	16.43	16.53	16.57	16.71	16.73	16.76
Services.....	14.67	15.24	15.01	15.04	15.08	15.13	15.16	15.19	15.26	15.30	15.34	15.40	15.46	15.49	15.49
<b>PRIVATE SECTOR (in constant (1982) dollars).....</b>	8.00	8.24	8.14	8.13	8.12	8.09	8.11	8.13	8.12	8.14	8.13	8.15	8.15	8.16	8.14

<sup>P</sup> = preliminary. Dash indicates data not available.

NOTE: See "Notes on the data" for a description of the most recent benchmark revision.

15. Average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls, by industry

Industry	Annual average		2002												
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
<b>PRIVATE SECTOR</b> .....	\$14.32	\$14.77	\$14.65	\$14.67	\$14.67	\$14.69	\$14.67	\$14.68	\$14.65	\$14.70	\$14.92	\$14.92	\$14.97	\$15.04	\$15.06
<b>MINING</b> .....	17.56	17.76	17.89	17.76	17.73	17.70	17.74	17.65	17.76	17.71	17.80	17.81	17.81	17.85	18.02
<b>CONSTRUCTION</b> .....	18.34	18.87	18.56	18.62	18.66	18.70	18.67	18.74	18.90	18.97	19.10	19.14	19.06	19.23	19.01
<b>MANUFACTURING</b> .....	14.83	15.30	15.15	15.16	15.16	15.20	15.23	15.28	15.26	15.32	14.40	15.42	15.48	15.58	15.55
<b>Durable goods</b> .....	15.28	15.78	15.61	15.63	15.63	15.66	15.68	15.74	15.66	15.81	15.89	15.95	16.01	16.09	16.06
Lumber and wood products.....	12.26	12.50	12.38	12.39	12.35	12.33	12.43	12.53	12.58	12.57	12.63	12.60	12.57	12.66	12.62
Furniture and fixtures.....	12.24	12.66	12.61	12.59	12.57	12.54	12.59	12.62	12.55	12.71	12.74	12.68	12.78	12.83	12.78
Stone, clay, and glass products.....	15.00	15.49	15.12	15.17	15.12	15.35	15.43	15.48	15.62	15.52	15.69	15.79	15.69	15.75	15.76
Primary metal industries.....	16.92	17.73	17.15	17.15	17.20	17.25	17.36	17.46	17.60	17.49	17.54	17.60	17.64	17.64	17.70
Blast furnaces and basic steel products.....	20.41	20.88	20.53	20.63	20.66	20.69	20.81	20.92	21.07	20.90	20.96	21.02	21.05	21.09	21.34
Fabricated metal products.....	14.25	14.71	14.57	14.51	14.60	14.66	14.64	14.71	14.61	14.69	14.80	14.84	14.90	14.98	14.97
Industrial machinery and equipment.....	15.89	16.44	16.31	16.33	16.31	16.30	16.35	16.36	16.47	16.55	16.58	16.53	16.55	16.66	16.66
Electronic and other electrical equipment.....	14.51	15.00	14.86	14.90	14.93	14.87	14.91	15.04	15.05	15.06	15.05	15.06	15.08	15.19	15.12
Transportation equipment.....	19.06	19.89	19.57	19.69	19.65	19.68	19.65	19.75	19.37	19.86	20.04	20.31	20.53	20.55	20.39
Motor vehicles and equipment.....	19.40	20.50	19.99	20.05	20.09	20.22	20.17	20.36	19.76	20.56	20.71	21.12	21.42	21.40	21.10
Instruments and related products.....	14.81	15.25	15.09	15.10	15.12	15.11	15.11	15.14	15.24	15.28	15.40	15.44	15.44	15.53	15.48
Miscellaneous manufacturing.....	12.16	12.40	12.46	12.42	12.39	12.36	12.37	12.28	12.30	12.39	12.44	12.42	12.45	12.54	12.56
<b>Nondurable goods</b> .....	14.16	14.61	14.47	14.47	14.46	14.53	14.55	14.60	14.69	14.60	14.69	14.66	14.71	14.84	14.81
Food and kindred products.....	12.89	13.23	13.14	13.08	13.10	13.18	13.25	13.29	13.34	13.24	13.26	13.21	13.26	13.40	13.31
Tobacco products.....	21.50	21.65	21.21	21.71	22.47	22.80	23.09	23.26	23.34	20.83	20.61	20.35	20.37	20.70	21.05
Textile mill products.....	11.35	11.74	11.66	11.64	11.65	11.65	11.73	11.69	11.74	11.75	11.80	11.74	11.81	11.84	11.91
Apparel and other textile products.....	9.43	9.91	9.72	9.77	9.82	9.93	9.93	9.95	9.91	9.95	9.94	9.97	9.98	10.11	10.08
Paper and allied products.....	16.87	17.49	17.19	17.17	17.25	17.33	17.51	17.53	17.73	17.55	17.66	17.58	17.63	17.83	17.71
Printing and publishing.....	14.82	15.18	15.01	15.06	15.12	15.11	15.05	15.11	15.15	15.18	15.32	15.30	15.34	15.45	15.34
Chemicals and allied products.....	18.61	19.18	18.87	18.95	18.93	19.01	18.96	19.14	19.32	19.28	19.45	19.32	19.41	19.44	19.45
Petroleum and coal products.....	22.08	22.33	22.10	22.45	22.39	22.39	22.02	22.15	22.22	22.11	22.46	22.48	22.57	22.75	22.58
Rubber and miscellaneous plastics products.....	13.39	13.73	13.71	13.65	13.61	13.68	13.69	13.66	13.76	13.71	13.74	13.77	13.79	13.97	14.01
Leather and leather products.....	10.31	10.30	10.31	10.35	10.40	10.39	10.43	10.27	10.37	10.27	10.04	10.08	10.25	10.51	10.41
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	16.79	17.29	17.13	17.12	17.19	17.26	17.18	17.24	17.28	17.26	17.40	17.38	17.52	17.48	17.48
<b>WHOLESALE TRADE</b> .....	15.86	11.62	11.57	11.58	11.57	11.58	11.54	11.57	11.52	11.58	11.75	11.71	11.72	11.76	11.84
<b>RETAIL TRADE</b> .....	9.77	10.04	9.96	9.95	9.98	10.00	9.98	10.00	9.98	10.01	10.15	10.14	10.15	10.18	10.23
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	15.80	16.35	16.07	16.13	16.17	16.23	16.18	16.27	16.25	16.31	16.57	16.53	16.68	16.82	16.77
<b>SERVICES</b> .....	14.67	15.24	15.14	15.17	15.16	15.16	15.12	15.08	15.02	15.05	15.36	15.40	15.62	15.68	15.63

<sup>P</sup> = preliminary.

NOTE: See "Notes on the data" for a description of the most recent benchmark revision.

16. Average weekly earnings of production or nonsupervisory workers on private nonfarm payrolls, by industry

Industry	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
<b>PRIVATE SECTOR</b>															
Current dollars.....	\$489.74	\$503.66	\$492.24	\$497.31	\$497.31	\$497.99	\$500.25	\$509.40	\$501.03	\$505.68	\$514.74	\$508.77	\$508.98	\$517.38	\$507.52
Seasonally adjusted.....	-	-	497.18	499.68	500.69	501.37	502.40	505.58	501.84	505.70	507.87	509.58	510.95	510.82	513.47
Constant (1982) dollars.....	273.45	283.37	275.46	277.36	275.82	274.53	275.77	280.66	275.75	277.54	281.74	278.02	277.98	283.19	276.73
<b>MINING.....</b>	763.86	761.90	754.96	761.90	757.07	750.48.	766.37	767.78	763.68	768.61	768.96	765.83	764.05	755.06	755.04
<b>CONSTRUCTION.....</b>	720.76	732.16	714.56	716.87	716.54	723.69	728.13	740.23	740.88	749.32	754.45	746.46	724.28	726.89	724.28
<b>MANUFACTURING</b>															
Current dollars.....	603.58	625.77	612.06	610.95	620.04	620.16	622.91	631.06	614.98	629.65	636.02	630.68	633.15	646.57	629.78
Constant (1982) dollars.....	337.01	-	342.51	340.74	343.89	341.87	343.39	347.69	338.46	345.58	348.12	344.63	345.78	353.90	343.39
<b>Durable goods.....</b>	626.48	651.71	636.89	637.70	645.52	646.76	649.15	656.36	634.23	654.53	662.61	658.74	659.61	674.17	658.46
Lumber and wood products.....	497.76	512.50	493.96	495.60	503.88	504.30	510.87	520.00	517.04	519.14	526.67	520.38	511.60	520.33	506.06
Furniture and fixtures.....	477.36	508.63	504.40	501.08	509.09	506.31/50	504.86	508.59	449.49	516.03	519.79	502.13	504.81	529.88	507.37
Stone, clay, and glass products.....	654.00	673.82	645.62	646.24	645.62	667.73	675.83	687.31	682.59	684.43	699.77	693.18	676.24	672.53	665.07
Primary metal industries.....	737.71	772.15	746.03	746.03	758.52	762.45	767.31	782.21	769.12	774.81	780.53	784.96	788.51	800.86	784.11
Blast furnaces and basic steel products.....	910.29	952.13	907.43	915.97	933.83	937.26	951.02	972.78	965.01	957.22	972.54	964.82	964.09	976.47	953.90
Fabricated metal products.....	589.95	613.41	600.28	597.81	607.36	606.92	611.95	619.29	599.01	614.04	620.12	620.31	621.33	632.16	618.26
Industrial machinery and equipment.....	645.13	667.46	657.29	658.10	663.82	660.15	665.45	669.12	658.80	671.93	676.46	667.41	670.68	688.06	678.06
Electronic and other electrical equipment.....	571.69	585.00	573.60	576.63	588.24	581.42	582.98	592.58	571.90	584.33	589.96	579.81	591.14	606.08	583.63
Transportation equipment.....	798.61	847.31	827.81	825.01	835.13	844.27	842.99	847.28	780.61	848.02	863.72	869.27	872.95	891.87	868.61
Motor vehicles and equipment.....	828.38	906.10	871.56	868.17	883.96	907.88	905.63	910.09	810.16	914.92	931.95	939.84	947.21	969.42	936.84
Instruments and related products.....	605.73	620.68	612.65	611.55	616.90	607.42	607.42	620.74	609.60	620.37	628.32	628.41	631.50	646.05	628.49
Miscellaneous manufacturing....	460.86	479.88	469.74	473.20	483.21	479.57	479.96	485.06	468.63	479.49	480.18	483.14	480.57	491.57	481.05
<b>Nondurable goods.....</b>	570.65	588.78	575.91	574.46	581.29	582.65	586.37	592.76	587.60	592.76	597.88	590.80	595.76	606.96	590.92
Food and kindred products.....	529.78	545.08	533.48	523.20	533.17	533.79	543.25	550.21	546.94	553.43	554.27	546.89	551.62	561.46	537.72
Tobacco products.....	851.40	883.32	854.76	881.43	912.28	932.52	962.85	983.90	982.61	839.45	828.52	826.21	808.69	830.07	846.21
Textile mill products.....	452.87	483.69	465.23	471.41	483.48	485.81	486.80	489.81	480.17	494.68	489.70	477.82	484.21	492.54	481.16
Apparel and other textile products.....	351.74	365.68	350.89	357.58	368.25	369.40	369.40	373.13	362.71	366.16	364.80	362.91	366.27	375.08	364.90
Paper and allied products.....	701.79	727.58	709.95	705.69	713.43	717.46	728.42	727.50	728.70	730.08	743.49	729.57	740.46	757.78	743.82
Printing and publishing.....	564.64	569.25	555.37	558.73	568.51	560.58	559.86	563.60	562.07	573.80	582.16	575.28	578.32	591.74	573.72
Chemicals and allied products..	787.20	809.40	790.65	790.22	793.17	794.62	800.11	815.36	809.51	819.40	830.52	815.30	821.04	828.14	811.07
Petroleum and coal products....	945.02	924.46	932.78	938.41	920.23	900.23	887.41	917.01	928.80	904.30	968.03	946.41	941.17	941.85	950.62
Rubber and miscellaneous plastics products.....	544.97	562.93	555.26	556.92	559.37	564.98	564.03	569.62	554.53	563.48	564.71	563.19	562.63	579.76	562.93
Leather and leather products....	374.25	379.04	378.38	380.88	386.88	388.59	382.78	384.10	373.32	369.72	358.43	367.92	382.33	389.92	381.01
<b>TRANSPORTATION AND PUBLIC UTILITIES.....</b>	641.38	662.21	644.09	648.85	651.50	654.15	657.99	668.91	663.55	667.96	676.86	665.65	672.77	678.22	660.74
<b>WHOLESALE TRADE.....</b>	605.85	622.46	608.96	615.98	614.55	615.40	615.86	630.63	616.63	623.32	636.40	624.77	628.71	641.07	623.30
<b>RETAIL TRADE.....</b>	282.35	291.16	279.88	284.57	286.43	287.00	289.42	297.00	295.41	295.30	295.37	293.05	292.32	300.31	290.53
<b>FINANCE, INSURANCE, AND REAL ESTATE.....</b>	570.38	590.24	575.31	582.29	580.50	581.03	577.63	597.11	581.75	588.79	608.12	591.77	600.48	617.29	603.72
<b>SERVICES.....</b>	479.71	496.82	487.51	493.03	492.70	491.18	489.89	497.64	489.65	493.64	505.34	502.04	505.95	514.30	504.85

<sup>P</sup> = preliminary.

NOTE: See "Notes on the data" for a description of the most recent benchmark revision. Dash indicates data not available.

## 17. Diffusion indexes of employment change, seasonally adjusted

[In percent]

Timespan and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries												
Over 1-month span:												
1998.....	62.4	57.5	59.1	60.2	57.5	56.8	54.6	59.1	57.2	53.0	57.9	56.8
1999.....	55.3	58.6	53.6	58.4	55.5	57.8	57.1	54.8	57.1	57.2	60.4	58.1
2000.....	55.9	57.5	57.9	51.2	50.1	55.8	57.8	51.4	52.4	52.4	53.2	52.7
2001.....	49.4	45.7	50.3	42.4	47.3	43.2	44.5	42.5	42.4	40.5	39.3	44.1
2002.....	47.3	41.4	49.7	47.8	50.9	49.4	48.6	48.8	49.3	48.3	45.8	45.5
2003.....	50.1	-	-	-	-	-	-	-	-	-	-	-
Over 3-month span:												
1998.....	65.3	66.3	65.3	65.9	62.7	58.2	58.9	59.1	59.8	57.9	57.1	58.8
1999.....	59.2	57.6	59.5	55.2	60.2	57.2	59.4	59.2	59.7	58.9	61.2	60.7
2000.....	60.4	61.4	59.4	53.2	52.4	55.5	56.6	56.2	51.2	51.0	53.2	51.6
2001.....	45.5	46.1	40.8	43.4	37.8	43.2	39.3	38.0	35.3	33.7	36.3	38.9
2002.....	40.1	43.2	42.5	46.5	48.0	50.1	47.1	45.1	47.3	45.1	42.7	45.5
2003.....	-	-	-	-	-	-	-	-	-	-	-	-
Over 6-month span:												
1998.....	70.2	67.4	64.7	61.5	64.1	62.1	59.1	58.8	57.5	60.2	59.2	58.4
1999.....	60.2	58.9	58.5	59.7	57.2	60.8	61.2	62.5	62.7	61.8	61.2	62.8
2000.....	61.1	59.4	58.1	57.9	54.2	52.4	52.9	54.2	52.4	48.7	45.7	46.5
2001.....	44.7	42.7	39.5	40.1	40.8	35.8	37.0	32.4	34.3	33.1	34.1	35.6
2002.....	37.0	41.6	43.4	44.4	46.5	46.0	46.5	43.1	40.8	44.2	-	-
2003.....	-	-	-	-	-	-	-	-	-	-	-	-
Over 12-month span:												
1998.....	69.9	67.9	67.6	65.6	64.1	62.7	61.7	62.2	60.8	59.4	60.8	58.9
1999.....	61.2	60.1	58.2	61.0	60.7	61.6	62.2	61.1	63.8	62.2	59.7	60.5
2000.....	61.4	59.9	58.8	56.2	55.3	53.6	53.0	51.0	47.7	45.2	44.5	42.9
2001.....	41.5	41.5	38.9	37.5	37.3	36.2	34.1	33.6	34.4	33.9	33.3	34.4
2002.....	35.2	36.0	37.3	38.3	40.5	40.2	40.8	-	-	-	-	-
2003.....	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing payrolls, 139 industries												
Over 1-month span:												
1998.....	57.0	52.6	52.2	52.9	44.9	47.4	38.2	52.9	44.9	38.6	42.3	41.5
1999.....	47.4	41.2	42.6	46.0	46.3	43.4	50.0	42.6	46.0	45.6	51.5	49.3
2000.....	44.9	52.2	49.3	46.0	49.3	50.7	57.4	36.8	39.0	42.3	47.1	40.8
2001.....	34.9	26.8	38.2	29.0	28.3	30.5	34.9	25.7	31.6	31.3	25.0	30.9
2002.....	35.3	37.9	40.4	47.4	47.1	40.4	48.9	41.9	40.1	40.4	40.1	38.2
2003.....	44.1	-	-	-	-	-	-	-	-	-	-	-
Over 3-month span:												
1998.....	59.2	57.0	54.8	51.8	48.2	38.2	41.9	43.0	43.0	38.2	32.7	40.4
1999.....	39.3	39.3	39.7	40.1	41.2	43.8	44.1	46.3	42.3	44.1	47.8	45.2
2000.....	48.2	48.9	48.9	44.5	46.7	52.2	46.0	38.6	29.0	34.2	39.0	36.0
2001.....	21.3	21.3	18.4	23.5	19.9	23.2	17.3	19.1	16.2	18.0	18.4	18.0
2002.....	24.6	30.1	37.1	38.6	40.1	41.2	38.6	34.6	32.4	32.0	29.8	32.4
2003.....	-	-	-	-	-	-	-	-	-	-	-	-
Over 6-month span:												
1998.....	60.7	54.4	49.3	40.1	45.2	42.6	39.0	38.2	34.6	41.2	35.7	33.1
1999.....	36.4	36.0	37.5	40.4	37.5	42.3	43.0	44.5	48.2	43.0	44.5	47.4
2000.....	47.8	45.2	44.5	50.0	41.9	37.9	36.0	35.3	32.4	26.1	21.3	21.7
2001.....	20.2	16.9	14.0	16.2	16.5	13.2	14.7	11.8	14.0	13.2	17.6	16.5
2002.....	19.9	26.8	29.8	38.2	36.4	34.2	31.6	26.8	26.1	28.3	-	-
2003.....	-	-	-	-	-	-	-	-	-	-	-	-
Over 12-month span:												
1998.....	54.8	52.2	51.8	46.7	40.4	40.1	38.2	37.5	36.4	34.6	35.7	34.2
1999.....	38.6	34.6	32.4	36.0	37.9	39.0	40.1	40.4	44.5	44.5	43.4	44.5
2000.....	49.3	44.1	39.3	36.8	35.3	34.2	33.8	28.7	22.1	19.1	17.6	14.0
2001.....	13.6	13.6	13.6	15.4	12.1	11.0	11.0	11.0	12.9	12.9	14.0	14.0
2002.....	18.0	18.0	20.2	20.2	24.6	22.4	24.6	-	-	-	-	-
2003.....	-	-	-	-	-	-	-	-	-	-	-	-

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 for the 2 most recent months shown in each span are preliminary. See the "Definitions" in this section. See "Notes on the data" for a description of the most recent benchmark revision.

Dash indicates data not available.

**18. Establishment size and employment covered under UI, private ownership, by Supersector, first quarter 2001**

Industry, establishments, and employment	Total	Size of establishments								
		Fewer than 5 workers <sup>1</sup>	5 to 9 workers	10 to 19 workers	20 to 49 workers	50 to 99 workers	100 to 249 workers	250 to 499 workers	500 to 999 workers	1,000 or more workers
<b>Total all industries<sup>2</sup></b>										
Establishments, first quarter .....	7,665,968	4,526,062	1,304,741	858,606	598,438	208,084	121,189	31,149	11,678	6,021
Employment, March .....	108,932,804	6,886,752	8,633,337	11,588,220	18,104,061	14,323,060	18,158,276	10,611,556	7,917,065	12,710,477
<b>Natural resources and mining</b>										
Establishments, first quarter .....	127,969	74,644	23,304	15,169	9,501	2,935	1,700	499	167	50
Employment, March .....	1,566,104	110,942	154,199	203,845	285,486	200,360	254,358	172,011	109,973	74,930
<b>Construction</b>										
Establishments, first quarter .....	765,649	494,254	127,017	75,983	47,230	13,591	6,040	1,176	293	65
Employment, March .....	6,481,334	714,992	832,978	1,020,982	1,410,131	925,178	890,282	390,630	197,146	99,015
<b>Manufacturing</b>										
Establishments, first quarter .....	398,837	148,682	67,510	60,267	58,942	28,633	22,490	7,636	3,198	1,479
Employment, March .....	16,806,452	255,376	453,750	830,685	1,836,858	2,009,224	3,456,620	2,622,512	2,166,352	3,175,075
<b>Trade, transportation, and utilities</b>										
Establishments, first quarter .....	1,840,104	969,760	376,578	244,890	153,450	53,110	32,898	6,970	1,813	635
Employment, March .....	25,518,430	1,629,626	2,507,906	3,278,074	4,630,611	3,670,363	4,888,033	2,343,794	1,191,894	1,378,129
<b>Information</b>										
Establishments, first quarter .....	150,855	84,672	20,636	17,119	14,772	6,698	4,475	1,476	674	333
Employment, March .....	3,692,948	113,812	137,426	234,492	457,236	465,567	685,746	507,063	462,533	629,073
<b>Financial activities</b>										
Establishments, first quarter .....	716,808	458,390	128,266	71,615	37,529	11,731	6,084	1,808	897	488
Employment, March .....	7,623,126	750,421	843,311	952,198	1,121,825	801,994	917,250	621,240	609,199	1,005,688
<b>Professional and business services</b>										
Establishments, first quarter .....	1,238,267	825,617	173,773	107,694	73,807	29,139	19,405	5,654	2,177	1,001
Employment, March .....	16,441,289	1,170,098	1,140,772	1,451,932	2,245,729	2,022,745	2,951,873	1,933,668	1,480,878	2,043,594
<b>Education and health services</b>										
Establishments, first quarter .....	679,762	321,428	155,333	96,121	61,097	22,789	15,989	3,721	1,690	1,594
Employment, March .....	14,712,829	603,470	1,027,913	1,291,605	1,836,799	1,589,809	2,383,443	1,274,120	1,178,727	3,526,943
<b>Leisure and hospitality</b>										
Establishments, first quarter .....	627,875	249,542	104,548	110,374	117,264	33,939	9,463	1,725	667	353
Employment, March .....	11,590,048	390,258	705,222	1,542,760	3,560,715	2,263,935	1,344,217	586,269	453,703	742,969
<b>Other services</b>										
Establishments, first quarter .....	954,627	750,261	115,619	55,756	24,254	5,498	2,630	484	102	23
Employment, March .....	4,187,740	977,871	752,689	734,980	703,687	372,499	384,044	160,249	66,660	35,061

<sup>1</sup> Includes establishments that reported no workers in March 2001.

<sup>2</sup> Includes data for unclassified establishments, not shown separately.

NOTE: Detail may not add to totals due to rounding. Data reflect the movement of Indian Tribal Council establishments from private industry to the public sector. See Notes on Current Labor Statistics.

**19. Annual data: establishments, employment, and wages covered under UI and UCFE by ownership**

Year	Average establishments	Average annual employment	Total annual wages (in thousands)	Average annual wages per employee	Average weekly wage
<b>Total covered (UI and UCFE)</b>					
1992 .....	6,532,608	107,413,728	\$2,781,676,477	\$25,897	\$498
1993 .....	6,679,934	109,422,571	2,884,472,282	26,361	507
1994 .....	6,826,677	112,611,287	3,033,676,678	26,939	518
1995 .....	7,040,677	115,487,841	3,215,921,236	27,846	536
1996 .....	7,189,168	117,963,132	3,414,514,808	28,946	557
1997 .....	7,369,473	121,044,432	3,674,031,718	30,353	584
1998 .....	7,634,018	124,183,549	3,967,072,423	31,945	614
1999 .....	7,820,860	127,042,282	4,235,579,204	33,340	641
2000 .....	7,879,116	129,877,063	4,587,708,584	35,323	679
2001 .....	7,984,529	129,635,800	4,695,225,123	36,219	697
<b>UI covered</b>					
1992 .....	6,485,473	104,288,324	\$2,672,081,827	\$25,622	\$493
1993 .....	6,632,221	106,351,431	2,771,023,411	26,055	501
1994 .....	6,778,300	109,588,189	2,918,684,128	26,633	512
1995 .....	6,990,594	112,539,795	3,102,353,355	27,567	530
1996 .....	7,137,644	115,081,246	3,298,045,286	28,658	551
1997 .....	7,317,363	118,233,942	3,553,933,885	30,058	578
1998 .....	7,586,767	121,400,660	3,845,494,089	31,676	609
1999 .....	7,771,198	124,255,714	4,112,169,533	33,094	636
2000 .....	7,828,861	127,005,574	4,454,966,824	35,077	675
2001 .....	7,933,536	126,883,182	4,560,511,280	35,943	691
<b>Private industry covered</b>					
1992 .....	6,308,719	89,349,803	\$2,282,598,431	\$25,547	\$491
1993 .....	6,454,381	91,202,971	2,365,301,493	25,934	499
1994 .....	6,596,158	94,146,344	2,494,458,555	26,496	510
1995 .....	6,803,454	96,894,844	2,658,927,216	27,441	528
1996 .....	6,946,858	99,268,446	2,837,334,217	28,582	550
1997 .....	7,121,182	102,175,161	3,071,807,287	30,064	578
1998 .....	7,381,518	105,082,368	3,337,621,699	31,762	611
1999 .....	7,560,567	107,619,457	3,577,738,557	33,244	639
2000 .....	7,622,274	110,015,333	3,887,626,769	35,337	680
2001 .....	7,724,965	109,304,802	3,952,152,155	36,157	695
<b>State government covered</b>					
1992 .....	58,801	4,044,914	\$112,405,340	\$27,789	\$534
1993 .....	59,185	4,088,075	117,095,062	28,643	551
1994 .....	60,686	4,162,944	122,879,977	29,518	568
1995 .....	60,763	4,201,836	128,143,491	30,497	586
1996 .....	62,146	4,191,726	131,605,800	31,397	604
1997 .....	65,352	4,214,451	137,057,432	32,521	625
1998 .....	67,347	4,240,779	142,512,445	33,605	646
1999 .....	70,538	4,296,673	149,011,194	34,681	667
2000 .....	65,096	4,370,160	158,618,365	36,296	698
2001 .....	64,583	4,452,237	168,358,331	37,814	727
<b>Local government covered</b>					
1992 .....	117,923	10,892,697	\$277,045,557	\$25,434	\$489
1993 .....	118,626	11,059,500	288,594,697	26,095	502
1994 .....	121,425	11,278,080	301,315,857	26,717	514
1995 .....	126,342	11,442,238	315,252,346	27,552	530
1996 .....	128,640	11,621,074	329,105,269	28,320	545
1997 .....	130,829	11,844,330	345,069,166	29,134	560
1998 .....	137,902	12,077,513	365,359,945	30,251	582
1999 .....	140,093	12,339,584	385,419,781	31,234	601
2000 .....	141,491	12,620,081	408,721,690	32,387	623
2001 .....	143,989	13,126,143	440,000,795	33,521	645
<b>Federal Government covered (UCFE)</b>					
1992 .....	47,136	3,125,404	\$109,594,650	\$35,066	\$674
1993 .....	47,714	3,071,140	113,448,871	36,940	710
1994 .....	48,377	3,023,098	114,992,550	38,038	731
1995 .....	50,083	2,948,046	113,567,881	38,523	741
1996 .....	51,524	2,881,887	116,469,523	40,414	777
1997 .....	52,110	2,810,489	120,097,833	42,732	822
1998 .....	47,252	2,782,888	121,578,334	43,688	840
1999 .....	49,661	2,786,567	123,409,672	44,287	852
2000 .....	50,256	2,871,489	132,741,760	46,228	889
2001 .....	50,993	2,752,619	134,713,843	48,940	941

NOTE: Detail may not add to totals due to rounding. Data reflect the movement of Indian Tribal Council establishments from private industry to the public sector. See Notes on Current Labor Statistics.

**20. Annual data: establishments, employment, and wages covered under UI and UCFE, by State**

State	Average establishments		Average annual employment		Total annual wages (in thousands)		Average weekly wage	
	2001	2000-2001 change	2001	2000-2001 change	2001	2000-2001 change	2001	2000-2001 change
Total United States .....	7,984,529	154,540	129,635,800	-185,779	\$4,695,225,123	\$109,884,920	\$697	\$18
Alabama .....	112,356	30	1,854,462	-23,500	55,822,097	1,284,088	579	21
Alaska .....	19,287	467	283,033	7,479	10,237,292	553,237	696	20
Arizona .....	118,706	3,546	2,243,652	22,942	74,963,072	2,546,248	643	16
Arkansas .....	72,814	587	1,127,151	-3,731	30,725,592	963,862	524	18
California .....	1,065,699	74,645	14,981,757	138,284	619,146,651	7,497,476	795	3
Colorado .....	153,824	5,347	2,201,379	14,728	83,547,602	2,274,669	730	15
Connecticut .....	108,201	414	1,665,607	-9,121	78,272,099	2,095,243	904	29
Delaware .....	25,253	505	406,736	482	15,629,636	787,067	739	36
District of Columbia .....	28,414	9	635,749	-1,535	35,543,559	1,790,086	1,075	56
Florida .....	454,077	9,367	7,153,589	92,606	225,713,701	9,933,356	607	19
Georgia .....	230,232	5,219	3,871,763	-10,941	136,039,438	3,195,926	676	18
Hawaii .....	35,439	1,412	557,146	3,961	17,412,210	469,266	601	12
Idaho .....	46,480	1,084	571,314	8,137	15,864,510	263,832	534	1
Illinois .....	319,588	-2,723	5,886,248	-54,259	230,054,835	4,050,811	752	20
Indiana .....	151,376	-1,328	2,871,236	-63,392	91,246,189	183,520	611	14
Iowa .....	91,006	-5,825	1,429,543	-13,432	41,223,534	919,492	555	18
Kansas .....	80,521	52	1,319,667	5,984	39,792,114	1,221,387	580	15
Kentucky .....	108,025	302	1,736,575	-26,160	52,133,417	1,367,028	577	23
Louisiana .....	115,807	-2,386	1,869,966	827	54,473,146	2,345,871	560	24
Maine .....	46,206	1,344	593,166	2,472	17,092,043	750,886	554	22
Maryland .....	147,158	622	2,421,899	16,392	92,644,873	5,096,016	736	36
Massachusetts .....	191,824	6,848	3,276,224	21,104	147,348,234	3,574,494	865	16
Michigan .....	259,556	5,809	4,476,659	-107,880	167,385,129	-2,295,158	719	7
Minnesota .....	156,031	487	2,609,669	1,325	95,479,188	3,107,396	704	23
Mississippi .....	63,207	-748	1,111,255	-25,520	28,806,869	151,385	499	14
Missouri .....	163,121	138	2,652,876	-23,960	86,009,694	2,000,438	623	19
Montana .....	40,477	2,136	383,905	4,862	9,672,371	472,112	485	18
Nebraska .....	52,653	836	883,920	1,516	25,083,293	646,745	546	13
Nevada .....	49,635	1,770	1,043,748	25,919	34,569,506	1,717,063	637	16
New Hampshire .....	46,070	171	610,192	3,685	21,650,267	582,754	682	14
New Jersey .....	256,536	-13,793	3,876,194	-1,221	171,793,642	2,443,618	852	12
New Mexico .....	48,439	522	729,422	12,293	20,935,825	1,216,191	552	23
New York .....	538,898	9,822	8,423,312	-47,446	393,598,666	9,383,346	899	27
North Carolina .....	224,426	2,208	3,805,498	-57,272	121,866,007	1,858,872	616	19
North Dakota .....	23,326	38	311,632	2,412	8,011,085	378,510	494	19
Ohio .....	285,567	4,705	5,434,769	-77,865	180,885,154	1,681,299	640	15
Oklahoma .....	90,603	1,574	1,463,622	11,771	41,004,250	1,821,743	539	20
Oregon .....	111,073	2,150	1,596,753	-11,175	53,018,365	317,098	639	9
Pennsylvania .....	331,405	16,187	5,552,366	-5,535	194,211,696	5,158,632	673	19
Rhode Island .....	33,636	311	468,952	1,351	15,758,369	507,610	646	19
South Carolina .....	114,979	5,613	1,786,899	-33,210	52,275,679	986,967	563	21
South Dakota .....	27,365	221	364,715	598	9,337,014	306,302	492	15
Tennessee .....	125,165	140	2,625,746	-41,005	82,762,402	1,275,641	606	18
Texas .....	494,088	4,509	9,350,770	62,437	337,047,962	12,484,223	693	21
Utah .....	68,607	2,470	1,050,674	6,551	31,600,715	1,082,204	578	16
Vermont .....	24,156	287	298,020	1,558	9,011,468	439,492	581	25
Virginia .....	195,639	3,048	3,436,172	8,411	126,222,350	5,662,779	706	30
Washington .....	221,450	1,775	2,689,507	-14,921	100,746,663	413,740	720	7
West Virginia .....	46,620	-186	685,754	-845	19,187,832	726,836	538	21
Wisconsin .....	148,227	2,374	2,717,660	-18,388	85,713,725	1,733,629	607	17
Wyoming .....	21,288	429	237,278	6,446	6,654,092	459,596	539	23
Puerto Rico .....	51,733	-633	1,007,919	-18,234	19,884,381	578,173	379	17
Virgin Islands .....	3,236	-17	44,330	1,981	1,294,885	120,936	562	29

NOTE: Detail may not add to totals due to rounding.

**21. Annual data: Employment and average annual pay for all workers covered under UI and UCFE in the 249 largest U.S. counties**

County <sup>1</sup>	Employment			Average annual pay	
	2001	Percent change, 2000-2001 <sup>2</sup>	Ranked by percent change, 2000-2001 <sup>3</sup>	2001	Percent change, 2000-2001 <sup>2</sup>
United States <sup>4</sup> .....	129,635,800	-1	-	36,219	2.5
Jefferson, AL .....	380,680	-1.0	197	35,453	4.2
Madison, AL .....	156,169	1.3	54	37,089	3.5
Mobile, AL .....	167,000	-1.5	212	29,502	3.1
Montgomery, AL .....	129,878	-9	192	29,979	3.8
Anchorage, AK .....	133,842	3.1	16	37,998	3.7
Maricopa, AZ .....	1,561,773	1.2	61	35,689	1.6
Pima, AZ .....	326,917	-6	170	30,690	5.1
Pulaski, AR .....	240,754	-7	175	32,261	4.7
Alameda, CA .....	697,181	-1	135	46,489	3.1
Contra Costa, CA .....	337,444	.7	80	44,744	5.7
Fresno, CA .....	322,084	-1	136	27,878	6.5
Kern, CA .....	242,232	1.5	49	30,106	5.3
Los Angeles, CA .....	4,103,370	.6	87	40,891	3.1
Marin, CA .....	111,939	1.3	55	43,547	2.2
Monterey, CA .....	166,186	.8	75	31,735	5.9
Orange, CA .....	1,411,944	1.6	46	40,252	2.6
Placer, CA .....	116,185	6.1	1	34,773	4.1
Riverside, CA .....	491,535	4.2	8	29,971	2.8
Sacramento, CA .....	588,426	3.0	18	39,173	3.8
San Bernardino, CA .....	545,113	2.8	21	30,995	3.6
San Diego, CA .....	1,218,982	2.0	37	38,418	2.3
San Francisco, CA .....	586,085	-3.3	246	61,068	6.1
San Joaquin, CA .....	204,504	1.9	39	30,818	5.3
San Mateo, CA .....	369,868	.1	120	62,288	-7.2
Santa Barbara, CA .....	177,234	.8	76	33,626	3.2
Santa Clara, CA .....	1,002,637	-2.3	233	65,931	-13.5
Santa Cruz, CA .....	102,669	.9	64	35,022	-2.2
Solano, CA .....	121,402	3.0	19	33,496	5.7
Sonoma, CA .....	194,922	2.1	32	36,145	1.1
Stanislaus, CA .....	164,473	2.2	30	29,591	4.9
Tulare, CA .....	132,878	.0	130	24,732	4.2
Ventura, CA .....	293,208	1.5	50	37,783	1.9
Adams, CO .....	146,043	.6	88	34,753	4.0
Arapahoe, CO .....	285,963	-2	144	44,999	-2.7
Boulder, CO .....	184,755	3.2	13	44,310	-2.8
Denver, CO .....	461,996	-6	171	46,134	4.0
El Paso, CO .....	240,100	.9	65	34,391	4.1
Jefferson, CO .....	210,375	-1	121	37,819	4.5
Larimer, CO .....	121,880	2.3	29	33,248	2.6
Fairfield, CT .....	421,211	-1.0	198	63,163	3.3
Hartford, CT .....	497,280	-5	163	45,050	3.2
New Haven, CT .....	363,265	-1.1	201	39,483	2.9
New London, CT .....	124,684	1.6	47	38,505	4.8
New Castle, DE .....	282,318	.2	112	42,849	5.8
Washington, DC .....	635,734	-2	145	55,909	5.6
Alachua, FL .....	119,148	.7	81	26,917	2.9
Brevard, FL .....	184,725	1.7	43	32,798	2.2
Broward, FL .....	663,954	2.1	33	33,966	2.2
Collier, FL .....	110,230	5.9	2	30,839	2.9
Duval, FL .....	436,663	1.8	41	33,721	2.9
Escambia, FL .....	121,285	.8	77	28,610	7.1
Hillsborough, FL .....	595,768	1.8	42	32,874	3.7
Lee, FL .....	171,902	4.5	5	29,432	4.6
Leon, FL .....	142,981	.9	66	30,287	3.5
Manatee, FL .....	118,788	5.2	4	26,629	4.4
Miami-Dade, FL .....	993,834	1.6	48	34,524	3.6
Orange, FL .....	602,668	.2	113	32,218	3.5
Palm Beach, FL .....	499,688	3.9	9	35,957	2.1
Pinellas, FL .....	448,788	3.3	12	31,742	1.5
Polk, FL .....	184,471	.1	122	28,890	3.6
Sarasota, FL .....	147,206	4.5	6	29,030	1.9
Seminole, FL .....	145,147	2.2	31	31,951	3.6
Volusia, FL .....	142,478	-2	146	26,064	3.9
Chatham, GA .....	122,608	-2	147	30,549	3.0
Clayton, GA .....	114,982	-3	151	38,301	4.2
Cobb, GA .....	301,520	-1	137	40,174	3.6
Dekalb, GA .....	305,903	-7	176	39,648	2.7
Fulton, GA .....	754,870	.1	123	47,761	1.5
Gwinnett, GA .....	289,538	2.9	20	39,405	.9
Richmond, GA .....	104,694	-9	193	29,431	2.9

See footnotes at end of table.



**21. Continued—Annual data: Employment and average annual pay for all workers covered under UI and UCFE in the 249 largest U.S. counties**

County <sup>1</sup>	Employment			Average annual pay	
	2001	Percent change, 2000-2001 <sup>2</sup>	Ranked by percent change, 2000-2001 <sup>3</sup>	2001	Percent change, 2000-2001 <sup>2</sup>
Honolulu, HI .....	409,669	.4	99	32,531	2.1
Ada, ID .....	182,309	2.7	23	33,081	-4.0
Cook, IL .....	2,630,768	-1.5	213	44,108	2.8
Du Page, IL .....	580,938	-2	148	43,470	2.1
Kane, IL .....	194,374	-1	138	33,362	3.7
Lake, IL .....	316,150	-3	152	43,970	3.2
Peoria, IL .....	102,764	-1.8	223	33,288	6.1
Sangamon, IL .....	145,195	.2	114	36,259	4.3
Will, IL .....	145,570	.1	124	34,280	6.1
Winnebago, IL .....	139,815	-2.9	241	31,951	1.4
Allen, IN .....	183,329	-2.3	234	32,830	1.7
Elkhart, IN .....	113,524	-6.8	249	30,797	1.5
Lake, IN .....	194,624	-1.9	226	32,017	1.4
Marion, IN .....	591,406	-1.3	210	37,885	3.8
St. Joseph, IN .....	124,967	-3.1	244	30,769	3.7
Vanderburgh, IN .....	109,418	.1	125	30,494	3.1
Linn, IA .....	119,914	-1.7	219	34,649	1.6
Polk, IA .....	263,469	-2	149	34,944	3.8
Johnson, KS .....	292,984	2.4	27	37,204	-1
Sedgwick, KS .....	249,863	.1	126	33,937	3.8
Shawnee, KS .....	100,462	.3	105	30,513	3.9
Fayette, KY .....	167,714	-2.4	237	32,237	5.0
Jefferson, KY .....	431,347	-1.7	220	34,688	4.1
Caddo, LA .....	120,877	1.3	56	29,354	2.0
East Baton Rouge, LA .....	243,392	-1.1	202	30,397	3.9
Jefferson, LA .....	213,911	-4	160	29,326	4.6
Lafayette, LA .....	119,294	4.5	7	32,364	8.2
Orleans, LA .....	263,427	.1	127	32,880	3.7
Cumberland, ME .....	168,147	1.3	57	32,327	5.1
Anne Arundel, MD .....	200,174	2.8	22	37,190	4.9
Baltimore, MD .....	360,128	.2	115	36,240	6.2
Howard, MD .....	132,935	1.3	58	40,191	6.1
Montgomery, MD .....	449,881	.9	67	45,893	5.0
Prince Georges, MD .....	304,022	.5	94	38,986	5.2
Baltimore City, MD .....	381,155	.4	100	40,508	5.0
Bristol, MA .....	218,818	-1.1	203	32,012	4.1
Essex, MA .....	306,111	.2	116	39,242	.5
Hampden, MA .....	204,824	.9	68	33,357	3.6
Middlesex, MA .....	850,295	1.4	52	51,734	.0
Norfolk, MA .....	327,067	.7	82	44,173	2.2
Plymouth, MA .....	166,471	.8	78	34,929	3.4
Suffolk, MA .....	602,983	.1	128	58,906	4.0
Worcester, MA .....	321,044	.3	106	37,299	-9
Genesee, MI .....	160,442	-3.0	242	35,995	-9
Ingham, MI .....	174,290	-3	153	35,753	2.3
Kalamazoo, MI .....	116,728	-1.7	221	33,908	3.8
Kent, MI .....	339,510	-1.8	224	34,570	1.7
Macomb, MI .....	326,600	-3.2	245	40,481	-1.0
Oakland, MI .....	755,451	-1.4	211	45,038	1.2
Ottawa, MI .....	115,880	-2.5	239	32,246	.9
Washtenaw, MI .....	195,562	.2	117	40,249	.2
Wayne, MI .....	848,463	-2.4	238	42,968	1.2
Anoka, MN .....	109,521	-3	154	34,585	1.9
Dakota, MN .....	155,662	1.3	59	35,683	3.8
Hennepin, MN .....	863,674	-8	186	45,495	3.8
Ramsey, MN .....	333,380	.0	131	40,400	3.4
Hinds, MS .....	134,285	-9	194	31,138	1.8
Greene, MO .....	140,739	-9	195	28,065	4.1
Jackson, MO .....	384,942	-2.3	235	37,405	3.7
St. Louis, MO .....	641,151	-8	187	38,929	2.1
St. Louis City, MO .....	245,192	-2.2	231	40,834	5.8
Douglas, NE .....	325,629	-7	177	32,866	1.6
Lancaster, NE .....	148,200	.9	69	29,352	2.9
Clark, NV .....	720,184	3.2	14	32,648	1.6
Washoe, NV .....	193,571	2.4	28	34,231	4.5
Hillsborough, NH .....	192,712	.0	132	39,320	.3
Rockingham, NH .....	130,917	.7	83	36,642	2.3
Atlantic, NJ .....	141,240	.9	70	32,555	4.8
Bergen, NJ .....	453,626	1.5	51	46,828	1.1
Burlington, NJ .....	187,398	3.6	11	38,776	3.1

See footnotes at end of table.

**21. Continued—Annual data: Employment and average annual pay for all workers covered under UI and UCFE in the 249 largest U.S. counties**

County <sup>1</sup>	Employment			Average annual pay	
	2001	Percent change, 2000-2001 <sup>2</sup>	Ranked by percent change, 2000-2001 <sup>3</sup>	2001	Percent change, 2000-2001 <sup>2</sup>
Camden, NJ .....	199,869	.5	95	36,530	4.0
Essex, NJ .....	361,569	-.5	164	46,526	4.2
Hudson, NJ .....	237,253	.0	133	47,638	.4
Mercer, NJ .....	215,524	2.6	25	46,831	4.9
Middlesex, NJ .....	399,332	1.3	60	47,726	2.7
Monmouth, NJ .....	240,757	3.2	15	40,399	1.8
Morris, NJ .....	277,653	.4	101	53,829	-11.0
Ocean, NJ .....	133,657	3.7	10	31,034	1.9
Passaic, NJ .....	175,108	-1.1	204	39,192	3.8
Somerset, NJ .....	176,713	1.7	44	55,769	1.8
Union, NJ .....	236,609	-1	139	46,204	2.0
Bernalillo, NM .....	309,166	-.7	84	31,663	4.9
Albany, NY .....	229,957	-.5	165	37,848	5.7
Bronx, NY .....	214,227	.4	102	34,248	4.3
Dutchess, NY .....	112,912	2.5	26	38,748	7.4
Erie, NY .....	454,839	-1.1	205	32,103	1.9
Kings, NY .....	439,343	-1	140	31,952	3.9
Monroe, NY .....	393,783	-.7	178	36,597	3.3
Nassau, NY .....	593,368	-.8	188	40,599	1.4
New York, NY .....	2,342,338	-1.5	214	74,883	3.2
Oneida, NY .....	108,686	-1.8	225	28,381	4.0
Onondaga, NY .....	249,754	-1.1	206	33,469	3.0
Orange, NY .....	120,903	.7	85	30,218	2.9
Queens, NY .....	478,661	-.7	179	36,963	5.7
Rockland, NY .....	107,348	.4	103	38,720	3.9
Suffolk, NY .....	581,938	.1	129	38,706	2.2
Westchester, NY .....	404,974	-.4	161	48,716	3.5
Buncombe, NC .....	105,378	-.3	155	28,701	3.8
Cumberland, NC .....	106,381	-2.8	240	26,981	3.3
Durham, NC .....	169,609	.3	107	48,076	-2.6
Forsyth, NC .....	180,155	-.7	180	34,693	2.0
Guilford, NC .....	274,077	-2.0	229	33,217	3.1
Mecklenburg, NC .....	514,036	.3	108	41,775	3.1
Wake, NC .....	385,777	.9	71	36,996	4.6
Butler, OH .....	126,863	-.5	166	32,325	2.6
Cuyahoga, OH .....	796,353	-1.6	217	37,533	2.8
Franklin, OH .....	702,628	.2	118	36,090	3.2
Hamilton, OH .....	559,852	-1.1	207	38,339	2.0
Lorain, OH .....	103,115	-3.5	247	32,194	.6
Lucas, OH .....	234,678	-1.7	222	33,088	2.6
Mahoning, OH .....	108,769	-3.7	248	26,860	3.5
Montgomery, OH .....	298,982	-1.5	215	34,783	.7
Stark, OH .....	173,888	-1.6	218	29,197	2.4
Summit, OH .....	261,098	-2.1	230	33,416	2.1
Oklahoma, OK .....	415,507	.4	104	30,161	3.2
Tulsa, OK .....	342,502	.6	89	32,771	5.2
Clackamas, OR .....	133,997	-.2	150	33,699	3.7
Lane, OR .....	137,574	-1.9	227	28,983	4.0
Marion, OR .....	126,999	-.6	172	28,785	2.4
Multnomah, OR .....	444,393	-1.1	208	37,668	2.4
Washington, OR .....	228,453	1.4	53	42,222	-5.0
Allegheny, PA .....	711,532	.3	109	38,086	3.7
Berks, PA .....	165,263	-.7	181	32,807	2.5
Bucks, PA .....	246,491	.6	90	35,239	3.5
Chester, PA .....	217,148	.6	91	44,216	1.0
Cumberland, PA .....	122,649	-.6	173	33,996	3.6
Dauphin, PA .....	173,292	.3	110	34,855	3.5
Delaware, PA .....	214,106	1.0	63	38,494	4.5
Erie, PA .....	128,893	-2.3	236	29,293	3.3
Lancaster, PA .....	218,415	-.3	156	31,493	2.2
Lehigh, PA .....	172,860	.2	119	35,564	.8
Luzerne, PA .....	141,944	-.8	189	28,924	3.8
Montgomery, PA .....	485,822	.5	96	44,366	1.3
Philadelphia, PA .....	658,827	-.7	182	40,813	2.8
Westmoreland, PA .....	134,128	-.4	162	28,827	3.0
York, PA .....	165,879	-1.0	199	31,936	3.3
Providence, RI .....	288,650	-.7	183	34,566	3.5
Charleston, SC .....	180,711	-1.0	200	29,013	4.8
Greenville, SC .....	226,362	-3.0	243	32,622	4.3
Richland, SC .....	205,841	-.5	167	30,591	3.3

See footnotes at end of table.

**21. Continued—Annual data: Employment and average annual pay for all workers covered under UI and UCFE in the 249 largest U.S. counties**

County <sup>1</sup>	Employment			Average annual pay	
	2001	Percent change, 2000-2001 <sup>2</sup>	Ranked by percent change, 2000-2001 <sup>3</sup>	2001	Percent change, 2000-2001 <sup>2</sup>
Spartanburg, SC .....	117,262	-2.2	232	31,856	4.1
Minnehaha, SD .....	106,717	1.1	62	29,205	3.5
Davidson, TN .....	434,006	-1	141	35,509	1.9
Hamilton, TN .....	187,724	-3	157	31,240	2.2
Knox, TN .....	203,470	.6	92	30,765	2.2
Shelby, TN .....	496,647	-5	168	35,791	4.2
Bexar, TX .....	655,195	.9	72	31,032	3.7
Cameron, TX .....	111,374	2.1	34	22,142	2.7
Collin, TX .....	181,007	5.7	3	41,338	2.0
Dallas, TX .....	1,550,835	-6	174	44,909	1.2
Denton, TX .....	122,552	.9	73	30,788	5.1
El Paso, TX .....	248,407	-1.2	209	25,847	3.1
Harris, TX .....	1,864,100	1.7	45	43,751	4.5
Hidalgo, TX .....	168,610	3.1	17	22,313	2.8
Jefferson, TX .....	118,764	-1.9	228	32,570	4.1
Lubbock, TX .....	118,042	2.1	35	26,577	1.1
Nueces, TX .....	143,470	.7	86	29,406	4.3
Tarrant, TX .....	709,162	.5	97	37,287	5.2
Travis, TX .....	534,861	-7	184	41,698	.9
Salt Lake, UT .....	530,497	-1	142	33,210	3.2
Utah, UT .....	143,423	.5	98	28,266	1.3
Arlington, VA .....	159,170	.3	111	55,390	4.8
Chesterfield, VA .....	107,721	-1	143	32,957	3.4
Fairfax, VA .....	542,984	2.7	24	52,641	2.1
Henrico, VA .....	169,827	2.0	38	37,869	4.8
Norfolk, VA .....	146,414	.8	79	33,504	4.1
Richmond, VA .....	164,906	-.7	185	40,173	4.0
Virginia Beach, VA .....	166,007	.9	74	26,750	5.3
Clark, WA .....	114,716	2.1	36	33,125	3.0
King, WA .....	1,146,191	-9	196	47,186	-6
Pierce, WA .....	238,600	-1.5	216	31,261	4.7
Snohomish, WA .....	209,657	-3	158	36,388	3.6
Spokane, WA .....	190,057	.0	134	29,310	-1.5
Kanawha, WV .....	111,552	-.8	190	31,601	4.8
Brown, WI .....	141,950	-3	159	32,631	3.5
Dane, WI .....	279,208	1.9	40	34,097	3.9
Milwaukee, WI .....	522,022	-.8	191	35,736	2.9
Waukesha, WI .....	224,721	.6	93	37,092	3.7
San Juan, PR .....	324,791	-.5	169	22,179	4.1

<sup>1</sup> Includes areas not officially designated as counties. See Notes on Current Labor Statistics.

<sup>2</sup> Percent changes were computed from annual employment and pay data adjusted for noneconomic county reclassifications. See Notes on Current Labor Statistics.

<sup>3</sup> Rankings for percent change in employment are based on the 249 counties that are comparable over the year.

<sup>4</sup> Totals for the United States do not include data for Puerto Rico.

Note: Data pertain to workers covered by Unemployment Insurance (UI) and Unemployment Compensation for Federal Employees (UCFE) programs. The 248 U.S. counties comprise 66.2 percent of the total covered workers in the United States.

**22. Annual data: Employment status of the population**

[Numbers in thousands]

Employment status	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Civilian noninstitutional population.....	194,838	196,814	198,584	200,591	203,133	205,220	207,753	212,577	215,092	217,570
Civilian labor force.....	129,200	131,056	132,304	133,943	136,297	137,673	139,368	142,583	143,734	144,863
Labor force participation rate.....	66.3	66.6	66.6	66.8	67.1	67.1	67.1	67.1	66.8	66.6
Employed.....	120,259	123,060	124,900	126,708	129,558	131,463	133,488	136,891	136,933	136,485
Employment-population ratio.....	61.7	62.5	62.9	63.2	63.8	64.1	64.3	64.4	63.7	62.7
Unemployed.....	8,940	7,996	7,404	7,236	6,739	6,210	5,880	5,692	6,801	8,378
Unemployment rate.....	6.9	6.1	5.6	5.4	4.9	4.5	4.2	4.0	4.7	5.8
Not in the labor force.....	65,638	65,758	66,280	66,647	66,836	67,547	68,385	69,994	71,359	72,707

## 23. Annual data: Employment levels by industry

[In thousands]

Industry	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Total employment.....	110,713	114,163	117,191	119,608	122,690	125,865	128,916	131,720	131,922	130,793
Private sector.....	91,872	95,036	97,885	100,189	103,133	106,042	108,709	111,018	110,989	109,531
Goods-producing.....	23,352	23,908	24,265	24,493	24,962	25,414	25,507	25,669	24,944	23,836
Mining.....	610	601	581	580	596	590	539	543	565	557
Construction.....	4,668	4,986	5,160	5,418	5,691	6,020	6,415	6,653	6,685	6,555
Manufacturing.....	18,075	18,321	18,524	18,495	18,675	18,805	18,552	18,473	17,695	16,725
Service-producing.....	87,361	90,256	92,925	95,115	97,727	100,451	103,409	106,051	106,978	106,957
Transportation and public utilities.....	5,811	5,984	6,132	6,253	6,408	6,611	6,834	7,031	7,065	6,773
Wholesale trade.....	5,981	6,162	6,378	6,482	6,648	6,800	6,911	6,947	6,776	6,671
Retail trade.....	19,773	20,507	21,187	21,597	21,966	22,295	22,848	23,337	23,522	23,306
Finance, insurance, and real estate.....	6,757	6,896	6,806	6,911	7,109	7,389	7,555	7,578	7,712	7,761
Services.....	30,197	31,579	33,117	34,454	36,040	37,533	39,055	40,457	40,970	41,184
Government.....	18,841	19,128	19,305	19,419	19,557	19,823	20,206	20,702	20,933	21,262
Federal.....	2,915	2,870	2,822	2,757	2,699	2,686	2,669	2,777	2,616	2,619
State.....	4,488	4,576	4,635	4,606	4,582	4,612	4,709	4,786	4,885	4,947
Local.....	11,438	11,682	11,849	12,056	12,276	12,525	12,829	13,139	13,432	13,695

NOTE: See "Notes on the data" for a description of the most recent benchmark revision.

## 24. Annual data: Average hours and earnings of production or nonsupervisory workers on nonfarm payrolls, by industry

Industry	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Private sector:</b>										
Average weekly hours.....	34.5	34.7	34.5	34.4	34.6	34.6	34.5	34.5	34.2	34.1
Average hourly earnings (in dollars).....	10.83	11.12	11.43	11.82	12.28	12.78	13.24	13.76	14.32	14.77
Average weekly earnings (in dollars).....	373.64	385.86	394.34	406.61	424.89	442.19	456.78	474.72	489.74	503.66
<b>Mining:</b>										
Average weekly hours.....	44.3	44.8	44.7	45.3	45.4	43.9	43.2	43.1	43.5	42.9
Average hourly earnings (in dollars).....	14.60	14.88	15.30	15.62	16.15	16.91	17.05	17.22	17.56	17.76
Average weekly earnings (in dollars).....	646.78	666.62	683.91	707.59	733.21	742.35	736.56	742.18	763.86	761.90
<b>Construction:</b>										
Average weekly hours.....	38.5	38.9	38.9	39.0	39.0	38.9	39.1	39.3	39.3	38.8
Average hourly earnings (in dollars).....	14.38	14.73	15.09	15.47	16.04	16.61	17.19	17.88	18.34	18.87
Average weekly earnings (in dollars).....	553.63	573.00	587.00	603.33	625.56	646.13	672.13	702.68	720.76	732.16
<b>Manufacturing:</b>										
Average weekly hours.....	41.4	42.0	41.6	41.6	42.0	41.7	41.7	41.6	40.7	40.9
Average hourly earnings (in dollars).....	11.74	12.07	12.37	12.77	13.17	13.49	13.90	14.37	14.83	15.30
Average weekly earnings (in dollars).....	486.04	506.94	514.59	531.23	553.14	562.53	579.63	597.79	603.58	625.77
<b>Transportation and public utilities:</b>										
Average weekly hours.....	39.3	39.7	39.4	39.6	39.7	39.5	38.7	38.4	38.2	38.3
Average hourly earnings (in dollars).....	13.55	13.78	14.13	14.45	14.92	15.31	15.69	16.21	16.79	17.29
Average weekly earnings (in dollars).....	532.52	547.07	556.72	572.22	592.32	604.75	607.20	622.46	641.38	662.21
<b>Wholesale trade:</b>										
Average weekly hours.....	38.2	38.4	38.3	38.3	38.4	38.3	38.3	38.5	38.2	38.4
Average hourly earnings (in dollars).....	11.74	12.06	12.43	12.87	13.45	14.07	14.59	15.22	15.86	16.21
Average weekly earnings (in dollars).....	448.47	463.10	476.07	492.92	516.48	538.88	558.80	585.97	605.85	622.46
<b>Retail trade:</b>										
Average weekly hours.....	28.8	28.9	28.8	28.8	28.9	29.0	29.0	28.9	28.9	29.0
Average hourly earnings (in dollars).....	7.29	7.49	7.69	7.99	8.33	8.74	9.09	9.46	9.77	10.04
Average weekly earnings (in dollars).....	209.95	216.46	221.47	230.11	240.74	253.46	263.61	273.39	282.82	291.16
<b>Finance, insurance, and real estate:</b>										
Average weekly hours.....	35.8	35.8	35.9	35.9	36.1	36.4	36.2	36.4	36.1	36.1
Average hourly earnings (in dollars).....	11.35	11.83	12.32	12.80	13.34	14.07	14.62	15.14	15.80	16.35
Average weekly earnings (in dollars).....	406.33	423.51	442.29	459.52	481.57	512.15	529.24	551.10	570.38	590.24
<b>Services:</b>										
Average weekly hours.....	32.5	32.5	32.4	32.4	32.6	32.6	32.6	32.7	32.7	32.6
Average hourly earnings (in dollars).....	10.78	11.04	11.39	11.79	12.28	12.84	13.37	13.93	14.67	15.24
Average weekly earnings (in dollars).....	350.35	358.80	369.04	382.00	400.33	418.58	435.86	455.51	479.71	496.82

25. Employment Cost Index, compensation,<sup>1</sup> by occupation and industry group

[June 1989 = 100]

Series	2000		2001			2002				Percent change	
	Sept.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	3 months ended	12 months ended
	Dec. 2002										
<b>Civilian workers<sup>2</sup></b>	149.5	152.5	153.8	155.6	156.8	158.4	159.9	161.3	162.2	0.6	3.4
Workers, by occupational group:											
White-collar workers.....	151.5	154.4	156.0	157.7	158.9	160.5	162.1	163.5	164.3	.5	3.4
Professional specialty and technical.....	150.0	153.2	154.3	156.7	157.5	158.5	159.3	161.4	162.4	.6	3.1
Executive, administrative, and managerial.....	153.7	156.6	158.6	159.6	161.2	163.7	165.6	166.3	166.7	.2	3.4
Administrative support, including clerical.....	151.8	155.3	156.8	158.8	160.0	162.0	163.3	164.9	166.1	.7	3.8
Blue-collar workers.....	145.6	148.2	149.3	151.1	152.0	153.7	155.1	156.4	157.5	.7	3.6
Service occupations.....	148.5	152.0	153.3	155.0	156.9	158.4	159.4	161.3	162.2	.6	3.4
Workers, by industry division:											
Goods-producing.....	148.0	150.7	152.2	153.2	154.4	156.3	157.7	158.7	162.2	.9	3.8
Manufacturing.....	148.7	151.3	152.6	153.3	154.6	156.6	158.1	159.1	160.5	.9	3.8
Service-producing.....	150.1	153.0	154.4	156.4	157.6	159.1	160.7	162.2	162.8	.4	3.3
Services.....	151.2	154.3	155.4	158.1	159.0	160.2	161.1	163.2	163.9	.4	3.1
Health services.....	149.0	152.5	154.6	156.7	158.3	160.5	161.8	163.1	164.5	.9	3.9
Hospitals.....	149.5	153.2	155.6	158.2	160.0	162.3	163.8	165.7	167.6	1.1	4.8
Educational services.....	149.7	151.7	152.2	156.1	156.6	157.1	157.4	161.6	162.8	.7	4.0
Public administration <sup>3</sup> .....	146.9	150.6	151.9	153.8	155.2	156.5	157.5	160.2	161.7	.9	4.2
Nonmanufacturing.....	149.6	152.6	154.0	156.0	157.2	158.7	160.2	161.7	162.4	.4	3.3
<b>Private industry workers</b>	149.9	153.0	154.5	155.9	157.2	158.9	160.7	161.6	162.3	.4	3.2
Excluding sales occupations.....	149.8	153.0	154.4	156.0	157.2	159.0	160.5	161.6	162.4	.5	3.3
Workers, by occupational group:											
White-collar workers.....	152.6	155.7	157.4	158.7	160.1	161.9	163.8	164.6	165.2	.4	3.2
Excluding sales occupations.....	152.9	156.5	158.1	159.6	160.9	162.8	164.3	165.3	165.9	.4	3.1
Professional specialty and technical occupations.....	152.2	156.3	157.5	159.2	160.3	161.5	162.5	163.6	164.4	.5	2.6
Executive, administrative, and managerial occupations.....	154.4	157.3	159.4	160.2	161.8	164.4	166.6	167.0	167.2	.1	3.3
Sales occupations.....	151.2	152.3	154.5	155.0	156.7	157.7	161.6	161.6	161.9	.2	3.3
Administrative support occupations, including clerical.....	152.3	156.1	157.7	159.5	160.8	162.8	164.2	165.6	166.7	.7	3.7
Blue-collar workers.....	145.5	148.2	149.3	151.0	151.9	153.6	155.1	156.3	157.3	.6	3.6
Precision production, craft, and repair occupations.....	145.8	148.7	149.7	151.8	152.5	153.7	155.7	156.9	157.8	.6	3.5
Machine operators, assemblers, and inspectors.....	146.0	148.3	149.1	150.4	151.5	153.6	154.7	155.4	156.7	.8	3.4
Transportation and material moving occupations.....	139.9	142.6	143.9	145.6	146.3	148.7	149.6	151.0	151.8	.5	3.8
Handlers, equipment cleaners, helpers, and laborers.....	149.4	152.2	153.4	154.9	156.5	158.7	159.9	161.4	162.9	.9	4.1
Service occupations.....	146.6	150.0	151.3	152.6	154.8	156.4	157.4	159.0	159.8	.5	3.2
Production and nonsupervisory occupations <sup>4</sup> .....	148.4	151.4	152.7	154.3	155.5	157.1	158.7	159.7	160.5	.5	3.2
Workers, by industry division:											
Goods-producing.....	147.9	150.7	152.1	153.1	154.4	156.2	157.6	158.6	160.1	.9	3.7
Excluding sales occupations.....	147.2	150.1	151.5	152.5	153.7	155.5	156.9	157.9	159.2	.8	3.6
White-collar occupations.....	151.3	154.5	156.5	156.8	158.1	160.1	161.9	162.9	164.3	.9	3.9
Excluding sales occupations.....	149.6	153.0	155.0	155.3	156.5	158.4	160.2	161.1	162.3	.7	3.7
Blue-collar occupations.....	145.8	148.2	149.3	150.8	151.9	153.6	154.8	155.9	157.3	.9	3.6
Construction.....	145.1	148.2	150.3	151.7	153.0	154.1	155.2	156.3	157.9	1.0	3.2
Manufacturing.....	148.7	151.3	152.6	153.3	154.6	156.6	158.1	159.1	160.5	.9	3.8
White-collar occupations.....	151.4	154.2	156.0	156.0	156.9	159.1	161.1	162.2	163.3	.7	4.1
Excluding sales occupations.....	149.3	152.2	154.0	153.8	154.7	156.7	158.6	159.6	160.7	.7	3.9
Blue-collar occupations.....	146.7	149.1	150.0	151.3	152.7	154.6	155.8	156.7	158.3	1.0	3.7
Durable.....	149.4	151.8	153.1	154.0	155.3	156.9	158.3	158.9	160.6	1.1	3.4
Nondurable.....	147.5	150.4	151.6	152.0	153.2	156.0	157.5	159.2	160.3	.7	4.6
Service-producing.....	150.6	153.8	155.3	156.9	158.2	159.9	161.8	162.7	163.1	.2	3.1
Excluding sales occupations.....	151.1	154.6	156.0	157.8	159.0	160.9	162.4	163.5	164.0	.3	3.1
White-collar occupations.....	152.6	155.8	157.4	159.0	160.3	162.1	164.0	164.7	165.1	.2	3.0
Excluding sales occupations.....	153.9	157.5	159.1	160.9	162.2	164.1	165.6	166.5	167.0	.3	3.0
Blue-collar occupations.....	144.5	147.7	148.7	150.9	151.4	153.2	155.2	156.6	156.9	.2	3.6
Service occupations.....	146.3	149.6	150.8	152.2	154.2	155.9	157.0	158.5	159.3	.5	3.3
Transportation and public utilities.....	147.4	150.5	152.4	153.5	155.5	157.3	158.9	160.8	161.7	.6	4.0
Transportation.....	142.8	145.4	146.9	148.2	151.1	152.5	153.9	155.4	156.1	.5	3.3
Public utilities.....	153.5	157.3	159.8	160.7	161.5	163.9	165.5	168.2	169.2	.6	4.8
Communications.....	153.9	158.3	161.1	162.8	163.4	166.0	166.1	169.0	170.1	.7	4.1
Electric, gas, and sanitary services.....	152.9	156.0	158.1	158.1	159.1	161.3	164.8	167.2	168.1	.5	5.7
Wholesale and retail trade.....	148.3	151.0	152.6	153.7	155.5	156.5	159.5	159.6	159.7	.1	2.7
Excluding sales occupations.....	149.6	152.6	153.9	155.4	157.1	157.5	160.0	160.3	160.4	.1	2.1
Wholesale trade.....	152.1	155.1	157.8	158.6	159.5	161.9	166.3	165.9	166.7	.5	4.5
Excluding sales occupations.....	152.7	156.9	158.5	160.0	160.6	162.3	164.4	166.1	167.2	.7	4.1
Retail trade.....	146.2	148.7	149.7	150.9	153.2	153.5	155.6	156.0	155.8	-.1	1.7
General merchandise stores.....	142.2	147.3	149.4	149.7	150.9	152.4	154.2	155.1	155.1	-.6	2.8
Food stores.....	143.4	146.1	148.2	149.7	151.7	152.9	154.5	156.3	156.3	.0	3.0

See footnotes at end of table.

25. Continued— Employment Cost Index, compensation,<sup>1</sup> by occupation and industry group

[June 1989 = 100]

Series	2000		2001				2002				Percent change	
	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	3 months ended	12 months ended	
	Dec. 2002											
Finance, insurance, and real estate.....	155.7	157.9	159.5	160.9	161.3	165.2	167.3	168.0	168.5	0.3	4.5	
Excluding sales occupations.....	158.4	161.2	163.1	164.7	165.0	169.8	171.3	172.1	173.1	.6	4.9	
Banking, savings and loan, and other credit agencies..	166.5	170.8	172.7	175.4	174.5	182.1	184.2	184.6	185.3	.4	6.3	
Insurance.....	155.2	157.6	159.3	159.9	161.3	164.0	166.1	167.1	167.9	.5	4.1	
Services.....	154.1	156.5	157.8	160.0	161.0	162.6	163.7	164.9	165.4	.3	2.7	
Business services.....	158.4	160.5	163.0	165.2	166.2	166.3	166.6	167.2	167.5	.2	.8	
Health services.....	150.6	152.7	154.7	156.8	158.4	160.6	162.0	163.2	164.4	.7	3.8	
Hospitals.....	151.1	153.5	155.9	158.4	160.3	162.8	164.5	166.2	168.1	1.1	4.9	
Educational services.....	159.9	162.3	162.6	166.4	167.6	168.5	169.0	173.5	175.2	1.0	4.5	
Colleges and universities.....	159.2	162.2	162.6	166.2	167.5	168.1	168.4	172.0	173.7	1.0	3.7	
Nonmanufacturing.....	151.1	153.1	154.7	156.3	157.6	159.3	161.1	162.0	162.5	.3	3.1	
White-collar workers.....	153.7	155.8	157.5	159.0	160.5	162.2	164.1	164.8	165.3	.3	3.0	
Excluding sales occupations.....	155.1	157.5	159.1	160.9	162.3	164.2	165.7	166.6	167.1	.3	3.0	
Blue-collar occupations.....	144.8	146.9	148.1	150.2	150.6	152.2	154.0	155.4	155.9	.3	3.5	
Service occupations.....	147.8	149.5	150.7	152.1	154.1	155.9	156.9	158.4	159.2	.5	3.3	
<b>State and local government workers.....</b>	<b>148.9</b>	<b>150.3</b>	<b>151.2</b>	<b>154.3</b>	<b>155.2</b>	<b>156.1</b>	<b>156.7</b>	<b>160.1</b>	<b>161.5</b>	<b>.9</b>	<b>4.1</b>	
Workers, by occupational group:												
White-collar workers.....	148.3	149.5	150.4	153.7	154.4	155.2	155.7	159.3	160.7	.9	4.1	
Professional specialty and technical.....	147.4	148.4	149.2	152.8	153.2	153.6	154.1	158.1	159.4	.8	4.0	
Executive, administrative, and managerial.....	150.7	152.4	153.7	156.4	157.6	159.5	159.6	162.3	163.8	.9	3.9	
Administrative support, including clerical.....	149.4	150.7	151.6	154.2	155.6	156.9	158.0	161.0	162.4	.9	4.4	
Blue-collar workers.....	147.2	148.6	149.0	151.5	153.2	154.0	154.7	158.4	159.8	.9	4.3	
Workers, by industry division:												
Services.....	148.9	149.9	150.6	154.4	154.9	155.5	155.9	159.7	160.9	.8	3.9	
Services excluding schools <sup>5</sup> .....	148.8	150.1	151.9	154.5	156.1	157.9	158.7	161.0	162.8	1.1	4.3	
Health services.....	151.6	152.1	154.4	157.1	158.5	160.4	161.4	163.5	165.5	1.2	4.4	
Hospitals.....	152.0	152.2	154.7	157.4	159.1	160.7	161.8	164.1	166.2	1.3	4.5	
Educational services.....	148.7	149.6	150.1	154.1	154.5	154.8	155.1	159.2	160.3	.7	3.8	
Schools.....	149.0	149.9	150.5	154.4	154.8	155.1	155.4	159.6	160.7	.7	3.8	
Elementary and secondary.....	148.1	148.5	149.0	152.8	153.1	153.4	153.6	157.7	158.8	.7	3.7	
Colleges and universities.....	151.7	153.7	154.3	153.8	159.6	160.0	160.4	164.7	165.8	.7	3.9	
Public administration <sup>3</sup> .....	148.3	150.6	151.9	151.9	155.2	156.5	157.9	160.2	161.7	.9	4.2	

<sup>1</sup> Cost (cents per hour worked) measured in the Employment Cost Index consists of wages, salaries, and employer cost of employee benefits.

<sup>2</sup> Consists of private industry workers (excluding farm and household workers) and State and local government (excluding Federal Government) workers.

<sup>3</sup> Consists of legislative, judicial, administrative, and regulatory activities.

<sup>4</sup> This series has the same industry and occupational coverage as the Hourly Earnings index, which was discontinued in January 1989.

<sup>5</sup> Includes, for example, library, social, and health services.

26. Employment Cost Index, wages and salaries, by occupation and industry group

[June 1989 = 100]

Series	2000	2001				2002				Percent change	
	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	3 months ended	12 months ended
	Dec. 2002										
<b>Civilian workers<sup>1</sup></b> .....	147.9	149.5	150.8	152.3	153.4	154.8	156.1	157.2	157.8	0.4	2.9
Workers, by occupational group:											
White-collar workers.....	150.2	151.7	153.1	154.5	155.6	157.0	158.4	159.6	160.1	.3	2.9
Professional specialty and technical.....	149.6	151.1	152.-	154.2	155.1	155.6	156.2	158.0	158.6	.4	2.3
Executive, administrative, and managerial.....	152.4	154.0	155.8	156.7	158.1	160.7	162.6	163.5	163.8	.2	3.6
Administrative support, including clerical.....	149.6	151.6	152.7	154.6	155.7	157.3	158.4	159.6	160.6	.6	3.1
Blue-collar workers.....	142.9	144.7	146.0	147.6	148.5	149.7	151.0	151.9	152.6	.5	2.8
Service occupations.....	147.1	148.6	149.7	151.2	153.0	154.2	155.1	156.2	156.9	.4	2.5
Workers, by industry division:											
Goods-producing.....	145.3	147.0	147.6	149.5	150.5	151.8	153.1	153.9	155.1	.8	3.1
Manufacturing.....	146.5	148.5	150.0	150.7	151.7	153.1	154.5	155.4	156.5	.7	3.2
Service-producing.....	148.9	150.5	151.7	153.4	154.5	155.9	157.2	156.4	158.8	.3	2.8
Services.....	151.0	152.6	153.6	156.2	157.1	158.1	158.8	160.7	161.1	.2	2.5
Health services.....	148.3	149.8	151.8	153.7	155.5	157.3	158.5	159.6	160.9	.8	3.5
Hospitals.....	147.3	148.8	151.2	15.5	155.5	157.2	158.6	160.3	162.2	1.2	4.3
Educational services.....	149.6	150.5	151.0	154.6	155.1	155.3	155.6	159.3	160.1	.5	3.2
Public administration <sup>2</sup> .....	146.1	147.6	148.7	150.3	151.6	152.5	153.4	154.8	155.8	.6	2.8
Nonmanufacturing.....	148.1	149.7	149.7	152.6	153.8	155.0	156.4	157.5	158.0	.3	2.7
<b>Private industry workers</b> .....	147.7	149.4	150.9	152.1	153.3	154.7	156.3	157.0	157.5	.3	2.7
Excluding sales occupations.....	147.6	149.5	150.8	152.2	153.3	154.9	156.1	157.0	157.9	.3	2.7
Workers, by occupational group:											
White-collar workers.....	150.6	152.3	153.8	154.8	156.1	157.7	159.4	160.0	160.4	.3	2.8
Excluding sales occupations.....	151.1	153.0	154.4	155.7	156.9	158.6	160.0	160.8	160.8	.3	2.8
Professional specialty and technical occupations.....	150.2	152.1	153.2	154.8	155.9	156.7	157.4	158.2	158.5	.2	1.7
Executive, administrative, and managerial occupations.....	153.0	154.7	156.5	157.2	158.6	161.3	163.6	164.3	164.5	.1	3.7
Sales occupations.....	148.7	149.2	151.5	151.2	152.6	153.6	157.0	156.9	156.8	-.1	2.8
Administrative support occupations, including clerical.....	150.1	152.3	153.6	155.3	156.5	158.2	159.2	160.3	161.3	.6	3.1
Blue-collar workers.....	142.8	144.6	145.9	147.5	148.3	149.6	150.9	151.7	152.4	.5	2.8
Precision production, craft, and repair occupations.....	142.8	144.6	145.7	147.7	148.4	149.2	151.0	151.8	152.3	.3	2.6
Machine operators, assemblers, and inspectors.....	143.7	145.6	146.9	148.1	149.0	150.5	151.6	152.0	153.2	.8	2.8
Transportation and material moving occupations.....	137.6	139.5	140.7	142.1	142.8	144.8	145.2	146.3	146.9	.4	2.9
Handlers, equipment cleaners, helpers, and laborers.....	146.2	148.0	149.8	151.0	152.4	154.2	155.1	156.0	157.2	.8	3.1
Service occupations.....	144.9	146.4	147.5	148.7	150.6	152.0	152.8	153.9	154.4	.4	2.6
Production and nonsupervisory occupations <sup>3</sup> .....	146.0	147.7	149.0	150.3	151.5	152.7	154.0	154.7	155.2	.3	2.4
Workers, by industry division:											
Goods-producing.....	145.2	147.0	148.6	149.5	150.5	151.7	153.1	153.9	155.0	.7	3.0
Excluding sales occupations.....	144.6	146.3	147.8	148.7	149.7	150.9	152.2	153.0	154.0	.7	2.9
White-collar occupations.....	148.7	150.5	152.3	152.6	153.6	155.0	156.6	157.9	158.6	.7	3.3
Excluding sales occupations.....	147.2	148.9	150.5	150.8	151.7	152.9	154.5	155.4	156.3	.6	3.0
Blue-collar occupations.....	143.1	144.7	146.1	147.4	148.4	149.6	150.7	151.5	152.6	.7	2.8
Construction.....	140.7	142.1	143.9	145.1	146.3	147.0	148.2	149.0	150.2	.8	2.7
Manufacturing.....	146.5	148.5	150.0	150.7	151.7	153.1	154.4	155.4	156.5	.7	3.2
White-collar occupations.....	149.2	151.1	152.7	152.8	153.3	154.9	156.6	157.7	158.6	.6	3.5
Excluding sales occupations.....	147.5	149.9	150.5	150.5	151.0	152.3	153.9	155.0	155.9	.6	3.2
Blue-collar occupations.....	144.6	146.4	147.8	149.1	150.3	151.7	152.8	153.5	154.7	.8	2.9
Durables.....	147.3	149.0	150.5	151.5	151.7	153.9	155.3	156.0	157.3	.8	3.1
Nondurables.....	145.4	147.5	149.0	149.3	153.9	151.9	153.1	154.4	155.2	.5	3.3
Service-producing.....	148.9	150.5	151.9	153.2	151.9	156.1	157.7	158.4	158.6	.1	2.7
Excluding sales occupations.....	149.4	151.3	152.6	154.2	156.1	157.2	158.5	159.3	159.6	.2	2.6
White-collar occupations.....	150.9	152.5	154.0	155.2	157.2	158.2	159.9	160.5	160.7	.1	2.7
Excluding sales occupations.....	152.3	154.3	155.6	157.2	158.2	160.4	161.6	162.5	162.8	.2	2.6
Blue-collar occupations.....	142.2	144.3	145.3	147.5	148.1	149.4	151.1	151.8	152.0	.1	2.6
Service occupations.....	144.8	146.1	147.2	148.4	149.4	151.6	152.4	153.5	154.1	.4	2.6
Transportation and public utilities.....	142.3	143.7	145.7	146.7	149.2	150.5	152.1	153.4	154.1	.5	3.3
Transportation.....	138.6	139.8	141.6	142.6	145.7	147.4	148.6	149.6	150.1	.3	3.0
Public utilities.....	147.1	148.7	151.0	152.0	153.6	154.3	156.4	158.2	159.3	.7	3.7
Communications.....	147.4	149.2	151.8	153.3	155.2	155.3	157.1	159.6	160.7	.7	3.5
Electric, gas, and sanitary services.....	146.6	148.1	149.9	150.4	151.7	153.0	155.5	156.5	157.4	.6	3.8
Wholesale and retail trade.....	147.4	148.4	150.1	150.6	152.1	153.0	155.7	155.5	155.5	.0	2.2
Excluding sales occupations.....	149.0	150.7	151.9	153.1	-	-	-	-	-	-	-
Wholesale trade.....	151.6	151.6	154.5	154.1	154.8	157.2	161.3	160.4	161.0	.4	4.0
Excluding sales occupations.....	153.2	154.9	156.5	157.4	157.9	159.4	161.2	162.6	163.7	.7	3.7
Retail trade.....	145.2	146.9	147.8	148.8	150.7	150.9	152.7	152.9	152.7	-.1	1.3
General merchandise stores.....	142.2	143.8	145.5	145.7	146.5	147.9	148.9	150.1	149.2	-.6	1.8
Food stores.....	141.6	143.3	144.5	145.7	146.7	148.0	148.9	150.1	150.3	.1	2.5

See footnotes at end of table.

## 26. Continued— Employment Cost Index, wages and salaries, by occupation and industry group

[June 1989 = 100]

Series	2000	2001				2002				Percent change	
	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	3 months ended	12 months ended
										Dec. 2002	
Finance, insurance, and real estate.....	151.7	153.9	154.6	155.8	156.0	160.3	162.0	162.4	162.6	0.1	4.2
Excluding sales occupations.....	154.1	156.6	157.6	159.1	159.1	164.5	165.7	166.1	167.3	.7	5.2
Banking, savings and loan, and other credit agencies..	165.7	169.4	170.8	173.2	171.7	181.2	182.8	182.7	183.9	.7	7.1
Insurance.....	150.8	152.4	153.3	153.6	155.0	157.1	158.6	159.6	159.1	-.3	2.6
Services.....	151.8	153.8	155.0	157.1	158.2	159.5	160.3	161.5	161.7	.1	2.2
Business services.....	156.0	158.2	160.8	162.8	163.7	164.0	164.0	164.6	164.8	.1	.7
Health services.....	148.1	149.8	151.8	153.6	155.4	157.3	158.4	159.9	160.7	.8	3.4
Hospitals.....	146.8	148.5	151.0	153.3	155.4	157.1	158.6	160.2	162.1	1.2	4.3
Educational services.....	154.3	155.4	156.1	159.6	160.5	161.2	161.2	165.2	166.5	.8	3.7
Colleges and universities.....	152.9	154.1	155.0	158.4	159.6	159.9	159.9	163.1	164.3	.7	2.9
Nonmanufacturing.....	147.9	149.5	150.9	152.2	153.5	155.0	156.5	157.2	157.5	.2	2.6
White-collar workers.....	150.6	152.3	153.8	155.0	156.4	158.0	159.6	160.2	160.5	.2	2.6
Excluding sales occupations.....	151.9	153.9	155.3	156.9	158.3	160.1	161.3	162.1	162.5	.2	2.7
Blue-collar occupations.....	140.9	142.8	143.9	145.8	146.4	147.5	149.0	149.8	150.2	.3	2.6
Service occupations.....	144.7	146.0	147.1	148.2	150.1	151.4	152.3	153.4	154.0	.4	2.6
<b>State and local government workers.....</b>	<b>148.3</b>	<b>150.2</b>	<b>151.2</b>	<b>154.3</b>	<b>155.2</b>	<b>156.1</b>	<b>156.7</b>	<b>160.1</b>	<b>161.5</b>	<b>.6</b>	<b>3.2</b>
Workers, by occupational group:											
White-collar workers.....	148.0	149.0	149.8	152.7	153.3	153.9	154.4	157.4	158.4	.6	3.3
Professional specialty and technical.....	148.2	149.1	149.8	153.0	153.4	153.6	154.1	157.5	158.4	.6	3.3
Executive, administrative, and managerial.....	148.8	150.1	151.5	153.9	155.1	156.6	156.8	159.0	160.1	.7	3.2
Administrative support, including clerical.....	146.2	147.0	147.6	149.8	150.9	151.9	152.8	155.1	156.0	.6	3.4
Blue-collar workers.....	145.1	146.0	146.5	149.1	150.8	151.6	152.1	154.5	155.1	.4	2.9
Workers, by industry division:											
Services.....	148.7	149.5	150.2	153.7	154.2	154.6	155.0	158.4	159.2	.5	3.2
Services excluding schools <sup>4</sup> .....	147.9	149.1	150.7	153.2	154.9	156.7	157.3	159.1	160.3	.8	3.5
Health services.....	149.3	149.9	151.9	154.2	155.8	157.8	158.6	160.5	162.2	1.1	4.1
Hospitals.....	149.2	149.5	151.8	154.2	155.7	157.7	158.8	160.6	162.5	1.2	4.4
Educational services.....	148.7	149.5	150.0	153.6	154.0	154.2	154.5	158.1	158.9	.5	3.2
Schools.....	148.9	149.7	150.2	153.8	154.1	154.3	154.6	158.3	159.0	.4	3.2
Elementary and secondary.....	148.5	149.0	149.5	152.8	153.1	153.4	153.6	157.4	158.1	.4	3.3
Colleges and universities.....	149.5	151.4	151.8	156.5	156.7	156.8	157.3	160.7	161.6	.6	3.1
Public administration <sup>2</sup> .....	146.1	147.6	148.7	150.3	151.6	152.5	153.4	154.8	155.8	.6	2.8

<sup>1</sup> Consists of private industry workers (excluding farm and household workers) and State and local government (excluding Federal Government) workers.

<sup>2</sup> Consists of legislative, judicial, administrative, and regulatory activities.

<sup>3</sup> This series has the same industry and occupational coverage as the Hourly Earnings index, which was discontinued in January 1989.

<sup>4</sup> Includes, for example, library, social, and health services.

## 27. Employment Cost Index, benefits, private industry workers by occupation and industry group

[June 1989 = 100]

Series	2000	2001				2002				Percent change	
	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	3 months ended	12 months ended
										Dec. 2002	
<b>Private industry workers.....</b>	<b>158.6</b>	<b>161.5</b>	<b>163.2</b>	<b>165.2</b>	<b>166.7</b>	<b>169.3</b>	<b>171.6</b>	<b>173.1</b>	<b>174.6</b>	<b>0.9</b>	<b>4.7</b>
Workers, by occupational group:											
White-collar workers.....	161.5	165.2	167.4	169.5	171.2	173.5	176.1	177.2	178.5	.7	4.3
Blue-collar workers.....	154.1	155.7	156.7	158.3	159.2	162.2	164.0	166.2	167.8	1.0	5.4
Workers, by industry division:											
Goods-producing.....	156.2	158.5	159.6	160.8	162.6	165.8	167.4	168.8	171.0	1.3	5.2
Service-producing.....	159.4	162.6	164.6	167.1	168.4	170.7	173.3	174.9	175.9	.6	4.5
Manufacturing.....	154.8	157.1	157.9	158.5	160.4	163.7	165.5	166.8	168.9	1.3	5.3
Nonmanufacturing.....	159.7	162.9	164.9	167.4	168.6	171.1	173.5	175.2	176.3	.6	4.4



28. Employment Cost Index, private nonfarm workers by bargaining status, region, and area size

[June 1989 = 100]

Series	2000	2001				2002				Percent change	
	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	3 months ended	12 months ended
	Dec. 2002										
<b>COMPENSATION</b>											
<b>Workers, by bargaining status<sup>1</sup></b>											
Union.....	146.9	147.9	149.5	151.0	153.1	154.8	156.3	158.1	159.5	0.9	4.2
Goods-producing.....	147.3	147.9	149.3	150.6	151.6	153.4	154.7	156.2	157.8	1.9	4.0
Service-producing.....	146.4	147.6	149.5	151.2	154.2	156.0	157.6	159.9	161.1	.8	4.5
Manufacturing.....	147.4	147.9	148.8	149.9	151.4	153.4	154.6	155.9	157.9	1.3	4.3
Nonmanufacturing.....	146.2	147.3	149.4	151.1	153.5	155.0	156.6	158.8	159.9	.7	4.2
Nonunion.....	151.6	153.8	155.3	156.7	157.8	159.6	161.4	162.5	162.8	.4	3.2
Goods-producing.....	149.3	151.6	153.1	154.0	155.3	157.2	158.6	159.5	160.8	.8	3.5
Service-producing.....	152.3	154.4	155.9	157.5	158.6	160.3	162.2	162.9	163.3	.2	3.0
Manufacturing.....	149.9	152.4	153.7	154.4	155.5	157.6	159.1	160.1	161.3	.7	3.7
Nonmanufacturing.....	151.8	153.9	155.4	157.0	158.2	159.9	161.7	162.4	162.9	.3	3.0
<b>Workers, by region<sup>1</sup></b>											
Northeast.....	150.3	151.6	153.7	155.2	156.3	158.3	159.9	160.5	161.3	.5	3.2
South.....	148.6	151.1	152.3	153.5	154.6	156.2	157.6	158.9	159.0	.1	2.8
Midwest (formerly North Central).....	153.3	154.8	156.0	157.4	158.6	161.1	162.2	163.5	164.6	.7	3.8
West.....	151.8	154.3	156.0	157.6	159.4	160.4	162.9	163.8	165.0	.7	3.5
<b>Workers, by area size<sup>1</sup></b>											
Metropolitan areas.....	151.0	153.1	154.6	156.0	157.4	159.1	160.9	161.8	162.5	.4	3.2
Other areas.....	150.3	152.1	153.7	154.8	155.6	157.5	158.5	160.0	169.8	.5	3.3
<b>WAGES AND SALARIES</b>											
<b>Workers, by bargaining status<sup>1</sup></b>											
Union.....	141.2	142.1	143.7	145.1	147.4	148.4	149.8	151.3	152.5	.8	3.5
Goods-producing.....	141.3	142.4	144.2	145.3	146.3	147.2	158.6	150.0	151.2	.8	3.3
Service-producing.....	141.5	142.2	143.7	145.4	148.9	150.0	151.4	152.9	154.1	.8	3.5
Manufacturing.....	142.6	143.9	145.5	146.7	148.0	149.0	150.2	151.6	153.1	1.0	3.4
Nonmanufacturing.....	140.4	141.1	142.7	144.3	147.1	148.1	149.6	151.1	152.1	.7	3.4
Nonunion.....	149.0	150.8	152.2	153.4	154.4	155.9	157.5	158.1	158.5	.3	2.7
Goods-producing.....	146.8	148.8	150.3	151.1	152.1	153.5	154.8	155.5	156.6	.7	3.0
Service-producing.....	149.6	151.4	152.7	154.1	155.1	156.7	158.3	158.9	159.0	.1	2.5
Manufacturing.....	148.0	150.1	151.6	152.2	153.1	154.7	156.1	156.8	157.8	.6	3.1
Nonmanufacturing.....	148.9	150.7	152.0	153.3	154.4	155.9	157.5	158.1	158.3	.1	2.5
<b>Workers, by region<sup>1</sup></b>											
Northeast.....	146.0	147.3	149.2	150.6	151.7	153.5	154.9	155.1	155.7	.4	2.6
South.....	146.3	148.3	149.3	150.2	151.2	152.5	153.6	154.7	154.6	-.1	2.2
Midwest (formerly North Central).....	149.6	150.9	152.3	153.6	154.7	157.1	158.5	159.2	160.2	.6	3.6
West.....	149.2	151.3	152.9	154.3	156.0	156.4	158.7	159.3	160.1	.5	2.6
<b>Workers, by area size<sup>1</sup></b>											
Metropolitan areas.....	148.0	149.8	151.2	152.4	153.7	155.1	156.7	157.4	157.9	.3	2.7
Other areas.....	146.0	147.4	148.8	149.7	150.5	151.7	152.6	153.8	154.8	.7	2.9

<sup>1</sup> The indexes are calculated differently from those for the occupation and industry groups. For a detailed description of the index calculation, see the *Monthly Labor Review* Technical Note, "Estimation procedures for the Employment Cost Index," May 1982.

**29. Percent of full-time employees participating in employer-provided benefit plans, and in selected features within plans, medium and large private establishments, selected years, 1980-97**

Item	1980	1982	1984	1986	1988	1989	1991	1993	1995	1997
Scope of survey (in 000's).....	21,352	21,043	21,013	21,303	31,059	32,428	31,163	28,728	33,374	38,409
Number of employees (in 000's):										
With medical care.....	20,711	20,412	20,383	20,238	27,953	29,834	25,865	23,519	25,546	29,340
With life insurance.....	20,498	20,201	20,172	20,451	28,574	30,482	29,293	26,175	29,078	33,495
With defined benefit plan.....	17,936	17,676	17,231	16,190	19,567	20,430	18,386	16,015	17,417	19,202
<b>Time-off plans</b>										
Participants with:										
Paid lunch time.....	10	9	9	10	11	10	8	9	-	-
Average minutes per day.....	-	25	26	27	29	26	30	29	-	-
Paid rest time.....	75	76	73	72	72	71	67	68	-	-
Average minutes per day.....	-	25	26	26	26	26	28	26	-	-
Paid funeral leave.....	-	-	-	88	85	84	80	83	80	81
Average days per occurrence.....	-	-	-	3.2	3.2	3.3	3.3	3.0	3.3	3.7
Paid holidays.....	99	99	99	99	96	97	92	91	89	89
Average days per year.....	10.1	10.0	9.8	10.0	9.4	9.2	10.2	9.4	9.1	9.3
Paid personal leave.....	20	24	23	25	24	22	21	21	22	20
Average days per year.....	-	3.8	3.6	3.7	3.3	3.1	3.3	3.1	3.3	3.5
Paid vacations.....	100	99	99	100	98	97	96	97	96	95
Paid sick leave <sup>1</sup> .....	62	67	67	70	69	68	67	65	58	56
Unpaid maternity leave.....	-	-	-	-	33	37	37	60	-	-
Unpaid paternity leave.....	-	-	-	-	16	18	26	53	-	-
Unpaid family leave.....	-	-	-	-	-	-	-	-	84	93
<b>Insurance plans</b>										
Participants in medical care plans.....	97	97	97	95	90	92	83	82	77	76
Percent of participants with coverage for:										
Home health care.....	-	-	46	66	76	75	81	86	78	85
Extended care facilities.....	58	62	62	70	79	80	80	82	73	78
Physical exam.....	-	-	8	18	28	28	30	42	56	63
Percent of participants with employee contribution required for:										
Self coverage.....	26	27	36	43	44	47	51	61	67	69
Average monthly contribution.....	-	-	\$11.93	\$12.80	\$19.29	\$25.31	\$26.60	\$31.55	\$33.92	\$39.14
Family coverage.....	46	51	58	63	64	66	69	76	78	80
Average monthly contribution.....	-	-	\$35.93	\$41.40	\$60.07	\$72.10	\$96.97	\$107.42	\$118.33	\$130.07
Participants in life insurance plans.....	96	96	96	96	92	94	94	91	87	87
Percent of participants with:										
Accidental death and dismemberment insurance.....	69	72	74	72	78	71	71	76	77	74
Survivor income benefits.....	-	-	-	10	8	7	6	5	7	6
Retiree protection available.....	-	64	64	59	49	42	44	41	37	33
Participants in long-term disability insurance plans.....	40	43	47	48	42	45	40	41	42	43
Participants in sickness and accident insurance plans.....	54	51	51	49	46	43	45	44	-	-
Participants in short-term disability plans <sup>1</sup> .....	-	-	-	-	-	-	-	-	53	55
<b>Retirement plans</b>										
Participants in defined benefit pension plans.....	84	84	82	76	63	63	59	56	52	50
Percent of participants with:										
Normal retirement prior to age 65.....	55	58	63	64	59	62	55	52	52	52
Early retirement available.....	98	97	97	98	98	97	98	95	96	95
Ad hoc pension increase in last 5 years.....	-	-	47	35	26	22	7	6	4	10
Terminal earnings formula.....	53	52	54	57	55	64	56	61	58	56
Benefit coordinated with Social Security.....	45	45	56	62	62	63	54	48	51	49
Participants in defined contribution plans.....	-	-	-	60	45	48	48	49	55	57
Participants in plans with tax-deferred savings arrangements.....	-	-	-	33	36	41	44	43	54	55
<b>Other benefits</b>										
Employees eligible for:										
Flexible benefits plans.....	-	-	-	2	5	9	10	12	12	13
Reimbursement accounts <sup>2</sup> .....	-	-	-	5	12	23	36	52	38	32
Premium conversion plans.....	-	-	-	-	-	-	-	-	5	7

<sup>1</sup> The definitions for paid sick leave and short-term disability (previously sickness and accident insurance) were changed for the 1995 survey. Paid sick leave now includes only plans that specify either a maximum number of days per year or unlimited days. Short-term disability now includes all insured, self-insured, and State-mandated plans available on a per-disability basis, as well as the unfunded per-disability plans previously reported as sick leave. Sickness and accident insurance, reported in years prior to this survey, included only insured, self-insured, and State-mandated plans providing per-disability bene-

fits at less than full pay.

<sup>2</sup> Prior to 1995, reimbursement accounts included premium conversion plans, which specifically allow medical plan participants to pay required plan premiums with pretax dollars. Also, reimbursement accounts that were part of flexible benefit plans were tabulated separately.

NOTE: Dash indicates data not available.

**30. Percent of full-time employees participating in employer-provided benefit plans, and in selected features within plans, small private establishments and State and local governments, 1987, 1990, 1992, 1994, and 1996**

Item	Small private establishments				State and local governments			
	1990	1992	1994	1996	1987	1990	1992	1994
Scope of survey (in 000's).....	32,466	34,360	35,910	39,816	10,321	12,972	12,466	12,907
Number of employees (in 000's):								
With medical care.....	22,402	24,396	23,536	25,599	9,599	12,064	11,219	11,192
With life insurance.....	20,778	21,990	21,955	24,635	8,773	11,415	11,095	11,194
With defined benefit plan.....	6,493	7,559	5,480	5,883	9,599	11,675	10,845	11,708
<b>Time-off plans</b>								
Participants with:								
Paid lunch time.....	8	9	—	—	17	11	10	—
Average minutes per day.....	37	37	—	—	34	36	34	—
Paid rest time.....	48	49	—	—	58	56	53	—
Average minutes per day.....	27	26	—	—	29	29	29	—
Paid funeral leave.....	47	50	50	51	56	63	65	62
Average days per occurrence.....	2.9	3.0	3.1	3.0	3.7	3.7	3.7	3.7
Paid holidays.....	84	82	82	80	81	74	75	73
Average days per year <sup>1</sup> .....	9.5	9.2	7.5	7.6	10.9	13.6	14.2	11.5
Paid personal leave.....	11	12	13	14	38	39	38	38
Average days per year.....	2.8	2.6	2.6	3.0	2.7	2.9	3.0	3.0
Paid vacations.....	88	88	88	86	72	67	67	66
Paid sick leave <sup>2</sup> .....	47	53	50	50	97	95	95	94
Unpaid leave.....	17	18	—	—	57	51	59	—
Unpaid paternity leave.....	8	7	—	—	30	33	44	—
Unpaid family leave.....	—	—	47	48	—	—	—	93
<b>Insurance plans</b>								
Participants in medical care plans.....	69	71	66	64	93	93	90	87
Percent of participants with coverage for:								
Home health care.....	79	80	—	—	76	82	87	84
Extended care facilities.....	83	84	—	—	78	79	84	81
Physical exam.....	26	28	—	—	36	36	47	55
Percent of participants with employee contribution required for:								
Self coverage.....	42	47	52	52	35	38	43	47
Average monthly contribution.....	\$25.13	\$36.51	\$40.97	\$42.63	\$15.74	\$25.53	\$28.97	\$30.20
Family coverage.....	67	73	76	75	71	65	72	71
Average monthly contribution.....	\$109.34	\$150.54	\$159.63	\$181.53	\$71.89	\$117.59	\$139.23	\$149.70
Participants in life insurance plans.....	64	64	61	62	85	88	89	87
Percent of participants with:								
Accidental death and dismemberment insurance.....	78	76	79	77	67	67	74	64
Survivor income benefits.....	1	1	2	1	1	1	1	2
Retiree protection available.....	19	25	20	13	55	45	46	46
Participants in long-term disability insurance plans.....	19	23	20	22	31	27	28	30
Participants in sickness and accident insurance plans.....	6	26	26	—	14	21	22	21
Participants in short-term disability plans <sup>2</sup> .....	—	—	—	29	—	—	—	—
<b>Retirement plans</b>								
Participants in defined benefit pension plans.....	20	22	15	15	93	90	87	91
Percent of participants with:								
Normal retirement prior to age 65.....	54	50	—	47	92	89	92	92
Early retirement available.....	95	95	—	92	90	88	89	87
Ad hoc pension increase in last 5 years.....	7	4	—	—	33	16	10	13
Terminal earnings formula.....	58	54	—	53	100	100	100	99
Benefit coordinated with Social Security.....	49	46	—	44	18	8	10	49
Participants in defined contribution plans.....	31	33	34	38	9	9	9	9
Participants in plans with tax-deferred savings arrangements.....	17	24	23	28	28	45	45	24
<b>Other benefits</b>								
Employees eligible for:								
Flexible benefits plans.....	1	2	3	4	5	5	5	5
Reimbursement accounts <sup>3</sup> .....	8	14	19	12	5	31	50	64
Premium conversion plans.....	—	—	—	7	—	—	—	—

<sup>1</sup> Methods used to calculate the average number of paid holidays were revised in 1994 to count partial days more precisely. Average holidays for 1994 are not comparable with those reported in 1990 and 1992.

<sup>2</sup> The definitions for paid sick leave and short-term disability (previously sickness and accident insurance) were changed for the 1996 survey. Paid sick leave now includes only plans that specify either a maximum number of days per year or unlimited days. Short-term disability now includes all insured, self-insured, and State-mandated plans available on a per-disability basis, as well as the unfunded per-disability plans previously reported as sick leave.

Sickness and accident insurance, reported in years prior to this survey, included only insured, self-insured, and State-mandated plans providing per-disability benefits at less than full pay.

<sup>3</sup> Prior to 1996, reimbursement accounts included premium conversion plans, which specifically allow medical plan participants to pay required plan premiums with pretax dollars. Also, reimbursement accounts that were part of flexible benefit plans were tabulated separately.

NOTE: Dash indicates data not available.

### 31. Work stoppages involving 1,000 workers or more

Measure	Annual totals		2002 <sup>P</sup>												2003 <sup>P</sup>
	2001	2002	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Number of stoppages:															
Beginning in period.....	29	19	0	1	1	2	3	1	3	1	3	1	2	1	1
In effect during period.....	30	20	1	2	1	3	5	3	4	3	3	3	2	1	2
Workers involved:															
Beginning in period (in thousands).....	99	46	.0	1.5	2.9	4.1	5.1	1.5	6.7	3.5	13.7	1.2	4.3	1.4	17.5
In effect during period (in thousands).	102	47	1.0	2.5	2.9	7.0	9.2	5.3	8.2	6.2	13.7	13.5	4.3	1.4	18.8
Days idle:															
Number (in thousands).....	1,151	6,596	21.0	9.0	43.5	80.7	138.2	36.0	54.0	50.6	39.3	133.4	23.9	28.6	48.8
Percent of estimated working time <sup>1</sup> .....	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

<sup>1</sup> Agricultural and government employees are included in the total employed and total working time; private household, forestry, and fishery employees are excluded. An explanation of the measurement of idleness as a percentage of the total time worked is found in "Total economy' measures of strike idleness," *Monthly Labor Review*, October 1968, pp. 54—56.

<sup>2</sup> Less than 0.005.

<sup>P</sup> = preliminary.

NOTE: Dash indicates data not available.

**32. Consumer Price Indexes for All Urban Consumers and for Urban Wage Earners and Clerical Workers: U.S. city average, by expenditure category and commodity or service group**

[1982-84 = 100, unless otherwise indicated]

Series	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS</b>															
All items.....	177.1	179.9	177.1	177.8	178.8	179.8	179.8	179.9	180.1	180.7	181.0	181.0	181.3	180.9	181.7
All items (1967 = 100).....	530.4	538.8	530.6	532.7	535.5	538.6	538.5	538.9	539.5	541.2	542.1	543.2	543.1	541.9	544.2
Food and beverages.....	173.6	176.8	176.2	176.4	176.6	176.7	176.4	176.4	176.6	176.6	176.9	177.1	177.4	177.8	178.1
Food.....	173.1	176.2	175.8	175.9	176.1	176.2	175.8	175.8	176.0	176.0	176.4	176.5	176.8	177.3	177.5
Food at home.....	173.4	175.6	176.2	176.0	176.3	176.4	175.5	175.0	175.2	174.9	175.2	175.1	175.5	176.1	176.7
Cereals and bakery products.....	193.8	198.0	196.7	197.6	197.0	198.1	198.2	198.7	198.7	198.6	198.4	198.9	198.3	197.3	199.8
Meats, poultry, fish, and eggs.....	161.3	162.1	162.1	161.8	162.8	162.5	162.4	161.9	162.3	162.2	161.8	161.3	162.1	162.4	161.6
Dairy and related products <sup>1</sup> .....	167.1	168.1	169.9	170.1	169.4	168.7	169.0	168.0	167.6	167.2	166.3	166.5	167.1	167.3	166.4
Fruits and vegetables.....	212.2	220.9	224.8	223.3	225.8	223.4	221.0	217.4	217.4	217.0	218.4	217.4	219.8	224.9	227.1
Nonalcoholic beverages and beverage materials.....	139.2	139.2	139.5	140.0	140.1	140.1	138.0	137.5	138.3	137.6	140.2	140.5	139.1	139.8	140.6
Other foods at home.....	159.6	160.8	161.3	160.4	159.9	161.5	160.0	160.8	161.0	160.6	160.8	160.9	161.1	161.1	161.8
Sugar and sweets.....	155.7	159.0	158.4	158.5	157.2	156.4	156.5	155.9	154.6	154.9	154.1	155.9	158.5	159.1	169.7
Fats and oils.....	155.7	155.4	158.3	157.2	156.4	156.5	155.9	154.6	154.9	154.1	155.9	153.4	152.8	155.8	
Other foods.....	176.0	177.1	177.4	176.3	175.9	177.8	176.1	177.4	177.3	176.9	177.0	177.0	178.3	178.2	178.2
Other miscellaneous foods <sup>1,2</sup> .....	108.9	109.2	108.9	108.0	107.8	108.0	108.9	109.0	110.1	109.3	109.7	109.8	110.3	110.2	109.7
Food away from home <sup>1</sup> .....	173.9	178.3	176.4	177.0	177.1	177.2	177.6	178.2	178.7	178.8	179.2	179.6	179.8	180.1	179.9
Other food away from home <sup>1,2</sup> .....	113.4	117.7	115.5	115.8	116.3	116.9	117.1	117.6	117.7	118.1	118.8	119.1	119.7	119.8	119.9
Alcoholic beverages.....	179.3	183.6	181.8	182.6	182.5	182.9	183.3	183.5	183.8	184.2	183.9	184.7	185.1	184.9	185.8
Housing.....	176.4	180.3	177.6	178.5	179.1	179.5	179.7	180.7	181.2	209.6	181.5	181.4	181.2	181.1	182.3
Shelter.....	200.6	208.1	204.5	206.1	207.0	207.5	207.5	208.1	208.8	200.2	209.2	201.3	209.6	209.5	210.9
Rent of primary residence.....	192.1	199.7	197.0	197.7	198.2	198.5	198.8	199.3	199.8	200.2	200.7	201.3	202.0	202.5	203.3
Lodging away from home.....	118.6	118.3	113.1	119.3	121.9	122.1	120.1	120.9	121.7	123.6	117.6	117.0	113.2	109.2	114.3
Owners' equivalent rent of primary residence <sup>3</sup> .....	206.3	214.7	211.6	212.2	212.8	213.3	213.7	214.3	214.9	215.4	216.2	216.8	217.3	217.9	218.5
Tenants' and household insurance <sup>1,2</sup> .....	106.2	108.7	106.4	106.8	106.8	107.2	107.6	107.8	108.6	109.6	110.0	110.0	111.4	112.3	113.9
Fuels and utilities.....	150.2	143.6	141.5	140.0	140.2	140.3	141.5	146.2	146.8	146.8	147.2	144.4	143.6	144.2	146.1
Fuels.....	135.4	127.2	125.3	123.7	123.8	123.8	125.1	130.3	130.8	130.7	131.0	127.9	127.0	127.5	129.5
Fuel oil and other fuels.....	129.3	115.5	112.9	112.3	112.8	115.1	114.4	112.7	111.6	112.1	115.2	119.3	121.8	125.6	136.6
Gas (piped) and electricity.....	142.4	134.4	132.4	130.6	130.7	130.6	132.1	138.0	138.6	138.5	138.7	134.9	133.7	134.1	135.6
Household furnishings and operations.....	129.1	128.3	128.7	128.6	128.7	128.9	128.9	128.6	128.1	128.6	128.1	128.0	127.8	127.0	127.4
Apparel.....	127.3	124.0	120.4	123.5	128.2	128.8	127.1	122.7	118.7	120.5	124.6	126.8	125.5	121.5	118.1
Men's and boys' apparel.....	125.7	121.7	120.8	122.0	125.2	125.6	124.3	120.8	118.4	118.3	120.1	122.8	123.2	119.3	116.1
Women's and girls' apparel.....	119.3	115.8	109.7	115.3	121.3	122.2	229.4	113.7	107.6	111.0	118.0	120.5	118.0	113.1	107.6
Infants' and toddlers' apparel <sup>1</sup> .....	129.2	126.4	125.0	127.2	129.9	198.9	127.4	124.9	122.9	124.3	126.2	127.7	127.5	125.3	121.1
Footwear.....	123.0	121.4	117.1	119.5	123.5	124.5	124.5	121.2	118.5	119.7	121.6	123.0	122.7	120.7	119.7
Transportation.....	154.3	152.9	148.6	148.4	150.5	153.7	153.8	153.4	153.7	153.9	154.0	154.9	155.2	154.2	155.5
Private transportation.....	150.0	148.8	144.4	144.1	146.3	149.6	149.5	149.1	149.5	149.7	150.0	151.1	151.5	150.4	151.8
New and used motor vehicles <sup>2</sup> .....	101.3	99.2	101.0	100.1	99.6	99.3	99.1	98.8	98.8	98.7	98.7	98.9	98.8	98.7	98.2
New vehicles.....	142.1	140.0	142.7	141.2	140.7	140.4	139.8	139.2	138.7	138.1	138.7	139.5	140.4	140.6	139.7
Used cars and trucks <sup>1</sup> .....	158.7	152.0	155.6	153.9	152.1	152.8	151.8	152.2	152.7	153.4	152.2	153.7	148.8	148.5	148.3
Motor fuel.....	124.7	116.6	97.9	98.2	107.7	121.4	121.4	120.1	120.8	121.5	121.7	124.5	124.4	119.7	126.3
Gasoline (all types).....	124.0	116.0	97.2	97.6	107.1	120.8	120.8	119.5	120.3	120.9	121.1	123.9	123.8	119.1	125.7
Motor vehicle parts and equipment.....	104.8	106.9	106.2	106.1	106.5	106.8	106.8	106.7	107.4	107.7	107.4	106.9	107.2	107.0	107.8
Motor vehicle maintenance and repair.....	183.5	190.2	187.1	188.0	188.5	189.0	189.9	190.0	189.8	191.0	191.4	191.8	192.8	193.3	193.7
Public transportation.....	210.6	207.4	205.8	207.3	207.9	209.7	211.3	211.3	209.7	209.4	206.5	203.4	202.3	203.0	202.2
Medical care.....	272.8	285.6	279.6	281.0	282.0	283.2	284.1	284.7	286.6	287.3	287.7	289.2	290.5	291.3	292.6
Medical care commodities.....	247.6	256.4	252.6	253.7	254.1	254.8	255.4	256.4	257.5	257.7	257.9	258.3	259.1	259.5	260.3
Medical care services.....	278.8	292.9	286.2	287.7	288.9	290.2	291.2	291.7	293.8	294.7	295.2	297.1	298.5	299.4	300.8
Professional services.....	246.5	253.9	250.6	251.4	251.9	252.5	252.9	253.2	255.0	254.9	254.8	256.0	256.5	257.0	257.8
Hospital and related services.....	338.3	367.8	353.1	356.4	359.4	362.4	364.5	365.3	367.6	371.3	373.3	376.7	380.7	382.4	385.7
Recreation <sup>2</sup> .....	104.9	1-6.2	105.7	105.9	106.1	106.5	106.4	106.2	106.2	106.3	106.2	106.4	106.4	106.5	106.9
Video and audio <sup>1,2</sup> .....	101.5	102.6	102.1	102.9	102.9	102.9	103.1	103.0	102.6	102.4	102.3	102.6	103.0	103.2	103.4
Education and communication <sup>2</sup> .....	105.2	107.9	107.2	107.3	106.6	106.2	106.6	106.9	107.6	108.9	109.5	109.4	109.3	109.2	109.7
Education <sup>2</sup> .....	118.5	126.0	122.6	123.2	123.3	123.3	123.5	124.3	124.8	127.1	129.6	129.9	130.0	130.0	130.6
Educational books and supplies.....	295.9	317.6	303.0	314.4	314.2	314.4	315.6	317.4	318.3	319.6	323.2	323.2	324.0	323.3	329.5
Tuition, other school fees, and child care.....	341.1	362.1	353.2	353.9	354.1	354.1	354.6	356.8	358.3	365.6	372.8	373.8	374.1	374.0	375.5
Communication <sup>1,2</sup> .....	93.3	92.3	93.4	93.1	92.0	91.2	91.9	91.8	92.6	93.2	92.5	92.2	91.8	91.8	92.0
Information and information processing <sup>1,2</sup> .....	92.3	90.8	92.2	92.0	90.8	90.0	90.7	90.6	90.8	91.5	90.7	90.4	90.0	90.0	90.3
Telephone services <sup>1,2</sup> .....	99.3	99.7	100.3	100.3	99.1	98.2	99.3	99.2	99.5	100.6	100.1	99.9	99.8	99.9	100.4
Information and information processing other than telephone services <sup>1,4</sup> .....	21.3	18.3	19.4	19.0	18.8	18.6	18.5	18.4	18.4	18.3	17.8	17.7	17.3	17.2	17.1
Personal computers and peripheral equipment <sup>1,2</sup> .....	29.5	22.2	24.6	23.8	23.1	22.9	23.0	22.6	22.3	22.0	21.1	20.7	20.0	19.7	19.5
Other goods and services.....	282.6	293.2	287.2	290.2	288.5	292.9	291.5	294.4	294.5	295.9	297.0	295.4	295.6	295.8	296.5
Tobacco and smoking products.....	425.2	461.5	432.8	449.3	433.4	461.4	449.0	467.4	467.2	478.2	485.8	470.6	470.4	472.5	472.4
Personal care <sup>1</sup> .....	170.5	174.7	173.2	173.7	174.1	174.4	174.7	174.9	175.0	174.9	175.3	175.3	175.5	175.4	175.9
Personal care products <sup>1</sup> .....	155.1	154.7	155.2	155.5	155.1	155.4	154.8	155.4	154.6	154.3	154.4	154.6	154.2	153.4	153.0
Personal care services <sup>1</sup> .....	184.3	188.4	186.3	186.4											

32. Continued—Consumer Price Indexes for All Urban Consumers and for Urban Wage Earners and Clerical Workers: U.S. city average, by expenditure category and commodity or service group

[1982=84 = 100, unless otherwise indicated]

Series	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Miscellaneous personal services.....	263.1	274.4	270.4	271.8	272.9	273.2	274.2	274.6	275.1	275.4	275.2	276.0	276.6	276.9	278.1
Commodity and service group:															
Commodities.....	150.7	149.7	147.8	148.1	149.4	151.0	150.5	149.8	149.3	149.6	150.2	150.7	150.6	149.7	150.0
Food and beverages.....	173.6	176.8	176.2	176.4	176.6	176.7	176.4	176.4	176.6	176.6	176.9	177.1	177.4	177.8	178.1
Commodities less food and beverages.....	137.2	134.2	131.6	132.1	133.7	136.0	135.4	134.4	133.6	134.0	134.8	135.5	135.2	133.6	133.9
Nondurables less food and beverages.....	147.1	145.1	137.9	139.6	143.6	148.4	147.4	145.7	144.4	145.4	147.2	148.4	148.0	145.2	146.1
Apparel.....	127.3	124.0	120.4	123.5	128.2	128.8	127.1	122.7	118.7	120.5	124.6	126.8	125.5	121.5	118.1
Nondurables less food, beverages, and apparel.....	163.4	162.2	152.6	153.6	157.3	164.7	164.1	164.0	164.3	164.8	165.2	166.0	166.0	163.9	167.4
Durables.....	124.6	121.4	123.6	122.7	122.1	121.9	121.7	121.3	121.1	120.7	120.6	120.6	120.5	120.2	119.9
Services.....	203.4	209.8	206.3	207.3	208.0	208.4	208.8	209.8	210.7	211.5	211.5	211.7	211.8	211.9	213.1
Rent of shelter <sup>3</sup> .....	208.9	216.7	213.0	214.7	215.6	216.1	216.1	216.8	217.4	218.3	217.9	218.4	218.2	218.1	219.5
Transportation services.....	201.9	209.1	205.2	206.5	207.3	207.9	208.9	209.0	209.6	210.1	210.1	210.9	212.0	212.0	212.3
Other services.....	238.0	246.4	242.9	243.5	243.6	243.8	244.5	245.1	246.4	248.2	249.1	249.7	249.9	250.2	251.4
Special indexes:															
All items less food.....	177.8	180.5	177.4	178.2	179.2	180.4	180.4	180.6	180.8	181.5	181.8	182.2	182.1	181.6	182.4
All items less shelter.....	169.7	170.8	168.4	168.7	169.7	170.9	170.9	170.9	170.9	171.3	171.9	172.2	172.3	171.7	172.3
All items less medical care.....	171.9	174.3	171.7	172.4	173.3	174.3	174.2	174.4	174.5	175.0	175.3	175.6	175.6	175.1	175.9
Commodities less food.....	138.9	136.0	133.5	133.9	135.6	137.8	137.3	136.3	135.5	135.9	136.7	137.3	137.0	135.6	135.8
Nondurables less food.....	149.1	147.4	140.5	142.2	145.9	150.4	149.5	148.0	146.7	147.7	149.3	150.6	150.2	147.6	148.4
Nondurables less food and apparel.....	164.1	163.3	154.5	155.4	158.7	165.5	165.0	164.9	165.2	165.8	166.1	166.9	166.9	165.0	168.2
Nondurables.....	160.6	161.1	157.0	158.0	160.2	162.7	162.1	161.2	160.6	161.2	162.2	163.0	162.9	161.6	162.2
Services less rent of shelter <sup>3</sup> .....	212.3	217.5	213.9	214.3	214.8	215.1	216.0	217.5	218.6	219.5	220.0	219.9	220.2	220.5	221.6
Services less medical care services.....	196.6	202.5	199.2	200.2	200.8	201.2	201.6	202.6	203.2	204.2	204.1	204.2	204.3	204.3	205.5
Energy.....	129.3	121.7	111.7	111.0	115.6	122.2	122.9	124.9	125.5	125.8	126.1	125.8	125.3	123.3	127.5
All items less energy.....	183.5	187.7	185.7	186.5	187.1	187.5	187.4	187.3	187.5	188.1	188.4	188.8	188.9	188.6	189.0
All items less food and energy.....	186.1	190.5	188.2	189.2	189.8	190.3	190.2	190.1	190.3	191.0	191.3	191.8	191.8	191.4	191.8
Commodities less food and energy.....	145.3	143.7	143.7	144.2	144.6	145.1	144.4	143.4	142.5	142.8	143.6	143.9	143.6	142.5	141.7
Energy commodities.....	125.2	117.1	99.3	99.5	108.6	121.6	121.6	120.3	120.9	121.5	122.0	124.8	124.9	120.7	127.5
Services less energy.....	209.6	217.5	213.8	215.1	215.9	216.3	216.6	217.2	218.0	219.0	218.9	219.5	219.8	219.8	221.0
<b>CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS</b>															
All items.....	173.5	175.9	173.2	173.7	174.7	175.8	175.8	175.9	176.0	176.6	177.0	177.3	177.4	177.0	177.7
All items (1967 = 100).....	516.8	523.9	515.0	517.5	520.2	523.7	523.6	524.0	524.5	526.0	527.3	528.2	528.4	527.2	529.2
Food and beverages.....	173.0	176.1	175.7	175.8	176.1	176.1	175.7	175.7	176.0	175.9	176.2	176.3	176.6	177.1	177.4
Food.....	172.5	176.5	175.2	175.3	175.6	175.5	175.1	175.2	175.4	175.3	175.7	175.7	176.0	176.5	176.8
Food at home.....	172.4	175.1	175.3	175.1	175.5	175.3	174.4	174.1	174.3	174.0	174.3	174.2	174.5	175.1	175.7
Cereals and bakery products.....	193.6	197.1	196.7	197.5	197.0	197.9	198.2	198.6	198.7	198.5	198.4	198.9	198.2	197.1	199.9
Meats, poultry, fish, and eggs.....	161.2	162.0	162.0	161.6	162.7	162.1	162.1	161.8	162.2	162.0	161.5	161.2	162.1	162.3	161.5
Dairy and related products <sup>1</sup> .....	167.1	167.2	169.7	170.0	169.2	168.7	168.7	167.8	167.4	167.0	166.1	166.4	166.9	167.2	166.3
Fruits and vegetables.....	210.8	222.9	223.2	222.2	224.9	222.0	219.1	216.4	216.4	216.2	217.5	216.2	218.0	222.9	225.7
Nonalcoholic beverages and beverage materials.....	138.4	138.6	138.8	139.5	139.7	139.4	137.3	136.9	137.6	136.9	139.6	139.9	138.6	139.1	139.9
Other foods at home.....	159.1	160.4	161.0	160.1	159.6	161.0	159.7	160.4	160.5	160.1	160.3	160.3	160.7	160.6	161.3
Sugar and sweets.....	155.6	158.8	158.5	158.5	157.1	153.4	157.6	158.8	159.9	159.6	159.5	159.5	158.2	158.9	160.4
Fats and oils.....	155.4	155.3	158.0	157.0	156.3	156.2	155.7	154.3	154.7	154.0	155.2	155.8	153.4	152.9	155.7
Other foods.....	176.3	177.6	177.9	176.8	176.5	178.2	176.7	177.9	177.6	177.3	177.2	177.2	178.8	178.5	178.5
Other miscellaneous foods <sup>1,2</sup> .....	109.1	109.7	109.3	108.5	108.3	108.5	109.5	109.6	110.8	109.9	110.1	110.1	111.0	110.7	110.1
Food away from home <sup>1</sup> .....	173.8	178.2	176.4	176.9	177.0	177.1	177.5	178.0	178.4	178.7	179.0	179.4	179.7	180.0	179.8
Other food away from home <sup>1,2</sup> .....	113.6	118.1	115.8	116.0	116.8	117.4	117.7	118.1	118.2	118.9	119.3	119.6	120.0	120.1	120.2
Alcoholic beverages.....	178.8	183.3	181.4	182.1	182.2	182.8	183.1	183.2	183.6	183.8	183.4	184.3	184.6	184.7	185.5
Housing.....	172.1	175.7	173.4	173.9	174.4	174.8	175.1	176.1	176.5	176.9	177.0	176.9	176.9	176.9	177.9
Shelter.....	194.5	201.9	198.7	199.8	200.6	201.0	201.2	20.7	202.3	202.9	203.0	203.5	203.7	203.9	204.9
Rent of primary residence.....	191.5	199.0	196.3	197.0	197.5	197.8	98.1	198.7	199.2	199.6	200.0	200.6	201.3	201.9	202.6
Lodging away from home <sup>2</sup> .....	118.4	118.4	113.2	119.4	122.2	122.0	120.7	120.4	121.3	122.9	117.7	117.7	114.0	109.6	114.3
Owners' equivalent rent of primary residence <sup>3</sup> .....	187.6	195.1	192.3	192.9	193.3	193.9	194.2	194.7	195.2	195.7	196.4	196.9	197.4	198.0	198.5
Tenants' and household insurance <sup>1,2</sup> .....	106.4	108.7	106.4	106.8	106.9	107.5	107.6	107.9	108.7	109.7	110.1	110.1	111.2	112.3	113.7
Fuels and utilities.....	149.5	142.9	140.8	139.4	139.6	139.6	140.7	145.6	146.1	146.2	146.5	143.6	143.0	143.5	145.3
Fuels.....	134.2	126.1	124.2	122.7	122.8	122.7	123.9	129.1	129.6	129.6	129.9	126.7	126.0	126.4	128.3
Fuel oil and other fuels.....	129.2	115.0	113.0	112.4	112.7	114.7	114.0	112.2	110.9	111.3	114.5	118.6	121.0	125.0	135.8
Gas (piped) and electricity.....	141.5	133.4	131.4	129.7	129.8	129.6	131.0	136.9	137.5	137.4	137.6	133.8	132.9	133.2	134.7
Household furnishings and operations.....	125.8	124.4	125.0	124.9	124.9	125.1	125.0	124.8	124.7	124.2	123.9	123.9	123.7	123.0	123.2
Apparel.....	126.1	123.1	119.6	122.4	126.9	127.9	126.2	122.0	118.0	119.6	123.5	125.5	124.6	120.9	117.3
Men's and boys' apparel.....	125.8	121.7	121.0	122.2	125.2	125.8	124.6	121.1	118.6	118.2	119.8	122.3	122.7	118.8	115.7
Women's and girls' apparel.....	117.3	114.6	108.5	113.8	119.7	120.9	118.2	112.7	106.5	109.6	116.8	119.3	117.2	112.3	106.7
Infants' and toddlers' apparel <sup>1</sup> .....	130.9	128.6	126.7	128.4	131.7	131.7	129.9	127.5	125.3	126.8	128.4	129.5	129.7	127.2	122.4
Footwear.....	123.1	121.2	117.7	119.3	122.8	124.4	124.4	121.0	118.2	119.6	121.4	122.3	122.5	120.8	119.5
Transportation.....	153.6	151.8	147.5	147.1	149.2	152.7	152.7	152.4	152.7	153.0	153.1	154.0	154.2	153.0	154.6
Private transportation.....	150.8	149.0	144.6	144.2	146.4	149.8	149.8	149.5	149.9	150.2	150.4	151.4	151.6	150.4	152.0
New and used motor vehicles <sup>2</sup> .....	101.9	99.4	101.3												

**32. Continued—Consumer Price Indexes for All Urban Consumers and for Urban Wage Earners and Clerical Workers: U.S. city average, by expenditure category and commodity or service group**

[1982–84 = 100, unless otherwise indicated]

Series	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
New vehicles.....	143.2	141.1	143.8	142.3	141.8	141.5	140.9	140.3	139.8	139.1	139.8	140.7	141.5	141.7	140.9
Used cars and trucks <sup>1</sup> .....	159.8	152.8	156.5	154.8	153.0	152.6	152.7	153.0	153.6	154.2	153.1	151.5	149.7	149.3	149.2
Motor fuel.....	124.9	117.0	98.2	98.5	108.0	121.7	121.8	120.4	121.2	121.8	122.1	124.9	124.8	120.0	126.7
Gasoline (all types).....	124.2	116.4	97.6	97.9	107.5	121.2	121.2	119.9	120.6	121.3	121.6	124.4	124.3	119.4	126.1
Motor vehicle parts and equipment.....	104.0	106.1	105.3	105.3	105.7	106.0	106.0	105.9	106.7	107.0	106.7	106.2	106.5	106.3	107.1
Motor vehicle maintenance and repair.....	185.1	191.7	188.6	189.5	189.9	190.5	191.4	191.5	191.4	192.5	192.9	193.3	194.3	195.0	195.4
Public transportation.....	204.9	202.6	201.0	202.5	203.0	204.5	206.3	205.9	204.7	204.5	201.9	199.2	198.5	199.2	198.1
Medical care.....	271.8	284.6	278.5	279.8	280.9	281.9	282.9	283.6	285.5	286.3	286.7	288.3	289.6	290.6	291.8
Medical care commodities.....	242.7	251.1	247.6	248.5	249.0	249.6	250.3	251.3	252.3	252.3	252.5	252.8	253.5	254.0	254.8
Medical care services.....	278.5	292.5	285.7	287.2	288.4	289.6	290.6	291.3	293.5	294.5	294.9	296.9	298.4	299.5	300.9
Professional services.....	248.7	256.0	252.8	253.6	254.0	254.6	255.3	255.3	257.2	256.9	256.8	258.2	258.7	259.2	260.0
Hospital and related services.....	333.8	363.2	348.2	351.4	354.3	357.1	359.4	360.6	363.2	367.1	368.9	372.6	376.7	379.1	382.2
Recreation <sup>2</sup> .....	103.6	104.6	104.2	104.5	104.6	105.0	104.9	104.6	104.6	104.7	104.4	194.6	104.5	104.7	105.1
Video and audio <sup>1,2</sup> .....	100.9	102.0	101.4	102.2	102.1	102.2	102.3	102.2	101.8	101.6	101.4	101.8	102.2	102.4	102.7
Education and communication <sup>2</sup> .....	105.3	107.6	107.1	107.2	106.5	106.0	106.5	106.7	107.4	108.6	109.1	109.0	108.8	108.8	109.2
Education <sup>2</sup> .....	118.7	125.9	122.7	123.3	123.3	123.3	123.5	124.4	124.8	126.9	129.3	129.6	129.7	129.7	130.3
Educational books and supplies.....	299.9	318.5	305.2	315.2	315.1	315.3	316.3	318.2	319.1	320.4	323.9	324.2	325.0	324.5	330.6
Tuition, other school fees, and child care.....	334.7	354.8	346.2	347.0	347.2	347.2	347.7	350.3	351.4	357.7	364.9	365.7	366.0	366.0	367.2
Communication <sup>1,2</sup> .....	94.5	93.7	94.7	94.5	93.3	92.6	93.3	93.1	93.9	94.6	93.9	93.6	93.3	93.2	93.5
Information and information processing <sup>1,2</sup> .....	93.8	92.7	94.0	93.7	92.6	91.7	92.5	92.4	92.7	93.4	92.4	92.4	92.0	93.0	92.3
Telephone services <sup>1,2</sup> .....	99.4	99.9	100.4	100.5	99.3	98.4	99.4	99.3	99.7	100.8	100.3	100.2	100.1	100.1	100.7
Information and information processing other than telephone services <sup>1,4</sup> .....	22.1	19.0	20.1	19.7	19.5	19.3	19.2	19.1	19.1	18.9	18.5	18.3	17.9	17.8	17.7
Personal computers and peripheral equipment <sup>1,2</sup> .....	29.1	21.8	24.3	23.5	22.8	22.5	22.7	22.3	22.1	21.7	20.8	20.4	19.7	19.3	19.1
Other goods and services.....	289.5	302.0	294.0	298.3	295.2	301.7	299.1	303.5	303.5	306.0	307.8	304.9	305.0	305.1	305.6
Tobacco and smoking products.....	426.1	463.2	433.5	450.7	434.1	462.7	450.1	468.7	468.8	480.7	488.4	473.1	472.8	474.3	474.3
Personal care <sup>1</sup> .....	170.3	174.1	172.7	173.2	173.7	173.9	174.0	174.4	174.4	174.3	174.4	174.8	174.9	174.7	175.2
Personal care products <sup>1</sup> .....	155.7	155.5	155.9	156.3	156.0	156.2	155.4	156.2	155.3	155.1	155.2	155.5	155.0	154.2	154.8
Personal care services <sup>1</sup> .....	184.9	189.1	187.0	187.1	188.0	188.7	189.1	189.0	189.4	189.8	190.0	190.1	190.6	190.7	189.1
Miscellaneous personal services.....	262.8	274.0	269.8	271.4	272.5	272.6	273.6	274.1	274.7	275.2	274.9	275.9	276.6	276.7	277.9
Commodity and service group:															
Commodities.....	151.4	150.4	148.3	148.6	149.8	151.7	151.2	150.5	150.1	150.4	151.0	151.4	151.3	150.3	150.7
Food and beverages.....	173.0	176.1	175.7	175.8	176.1	176.1	175.7	175.7	175.7	175.9	176.2	176.3	176.6	177.1	177.4
Commodities less food and beverages.....	138.7	135.5	132.7	133.1	134.7	137.1	136.8	135.9	135.2	135.6	136.4	136.9	136.5	135.0	135.5
Nondurables less food and beverages.....	149.0	147.0	138.9	140.7	144.8	150.5	149.3	147.8	146.5	147.7	149.4	159.6	150.2	147.3	148.3
Apparel.....	126.1	123.1	119.6	122.4	126.9	127.9	126.2	122.0	118.0	119.6	123.5	125.5	124.6	120.9	117.3
Nondurables less food, beverages, and apparel.....	166.3	165.3	154.2	155.4	159.4	168.1	167.2	167.3	167.6	168.5	169.1	169.7	169.6	167.2	171.0
Durables.....	125.3	121.8	124.1	123.1	122.3	122.1	122.0	121.6	121.5	121.3	121.1	121.0	120.6	120.4	120.1
Services.....	199.6	205.9	202.5	203.3	203.9	204.2	204.8	205.8	206.6	207.3	207.6	207.8	208.1	208.3	209.4
Rent of shelter <sup>3</sup> .....	187.3	194.5	191.4	192.5	193.2	193.7	193.9	194.3	194.8	195.5	195.5	196.1	196.2	196.3	197.3
Transportation services.....	199.1	207.7	203.4	204.7	205.6	206.2	207.1	207.3	208.0	208.6	208.8	210.0	211.4	211.7	212.2
Other services.....	233.7	241.6	238.3	239.0	238.8	238.9	239.7	240.4	241.6	243.4	244.1	244.6	244.8	245.1	246.2
Special indexes:															
All items less food.....	173.6	175.8	172.7	173.3	174.3	175.7	175.8	175.9	176.1	176.7	177.1	177.5	177.5	177.0	177.7
All items less shelter.....	167.6	168.3	165.8	166.1	167.1	168.5	168.4	168.4	168.4	168.9	169.5	169.7	169.7	169.1	169.7
All items less medical care.....	169.1	171.1	168.5	169.0	170.0	171.1	171.0	171.2	171.3	171.8	172.2	172.5	172.5	172.1	172.7
Commodities less food.....	140.2	137.3	134.5	134.8	136.5	139.1	138.5	137.6	136.9	137.4	138.1	138.6	138.3	136.8	137.1
Nondurables less food.....	150.8	149.2	141.8	143.1	147.0	152.5	151.4	150.0	148.7	149.8	151.5	152.6	152.3	149.6	150.5
Nondurables less food and apparel.....	166.7	166.1	154.7	157.0	160.7	168.7	167.9	168.0	168.3	169.2	169.6	179.3	170.2	168.0	171.6
Nondurables.....	161.4	161.4	157.5	158.5	160.8	163.7	162.9	162.2	161.6	162.2	163.2	163.9	163.9	162.6	163.2
Services less rent of shelter <sup>3</sup> .....	188.5	193.1	189.8	190.1	190.5	190.7	181.6	193.2	194.1	194.9	195.3	195.2	195.6	195.9	196.9
Services less medical care services.....	193.1	198.9	195.7	196.5	197.0	197.4	197.9	198.9	199.6	200.4	200.6	200.7	200.9	201.1	202.1
Energy.....	128.7	120.9	110.5	109.8	114.7	121.6	122.2	124.1	124.7	125.0	125.3	125.2	124.8	122.6	126.9
All items less energy.....	179.8	183.6	181.6	182.5	182.9	183.4	183.3	183.2	183.3	183.8	184.3	184.7	184.8	184.6	184.8
All items less food and energy.....	181.7	185.6	183.6	184.4	184.9	185.5	185.4	185.3	185.4	186.0	186.5	186.9	187.0	186.7	186.9
Commodities less food and energy.....	146.1	144.4	144.4	144.8	145.0	145.8	145.0	144.2	143.2	143.7	144.4	144.5	144.1	143.1	142.2
Energy commodities.....	125.3	17.3	99.2	99.5	108.7	121.9	121.9	120.5	121.2	121.8	122.2	125.1	125.2	120.7	127.6
Services less energy.....	206.0	213.9	210.4	211.5	212.1	212.6	213.0	213.3	214.3	215.1	215.4	216.1	216.5	216.7	217.7

<sup>1</sup> Not seasonally adjusted.

<sup>2</sup> Indexes on a December 1997 = 100 base.

<sup>3</sup> Indexes on a December 1982 = 100 base.

<sup>10</sup> Indexes on a December 1988 = 100 base.

Dash indicates data not available.

NOTE: Index applied to a month as a whole, not to any specific date.

33. Consumer Price Index: U.S. city average and available local area data: all items

[1982-84 = 100, unless otherwise indicated]

	Pricing schedule <sup>1</sup>	All Urban Consumers							Urban Wage Earners						
		2002						2003	2002						2003
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
U.S. city average.....	M	180.1	180.7	181.0	181.3	181.3	180.9	181.7	176.1	176.6	177.0	177.3	177.4	177.0	177.7
<b>Region and area size<sup>2</sup></b>															
Northeast urban.....	M	188.3	189.3	189.5	189.9	190.1	189.6	190.5	184.7	185.7	186.2	186.5	186.9	186.6	187.2
Size A—More than 1,500,000.....	M	190.1	181.3	191.2	191.5	191.7	191.4	192.2	185.2	186.4	186.7	186.9	187.3	187.1	187.7
Size B/C—50,000 to 1,500,000 <sup>3</sup> .....	M	111.8	112.0	112.6	113.0	113.1	112.6	113.1	111.7	112.0	112.0	112.9	113.1	112.7	113.2
Midwest urban <sup>4</sup> .....	M	175.3	175.8	176.2	176.3	176.1	175.5	176.2	170.8	171.3	171.7	171.8	171.6	171.0	171.8
Size A—More than 1,500,000.....	M	177.5	178.2	178.2	178.7	178.3	177.8	178.2	172.1	172.8	173.4	173.3	173.0	172.4	172.9
Size B/C—50,000 to 1,500,000 <sup>3</sup> .....	M	111.3	111.4	111.5	111.9	111.7	111.4	112.0	110.9	111.0	111.1	111.4	111.3	111.0	111.7
Size D—Nonmetropolitan (less than 50,000).....	M	169.4	169.7	170.0	170.2	170.4	169.5	170.7	167.3	167.6	167.8	168.1	168.2	167.2	168.4
South urban.....	M	173.6	173.8	174.2	174.9	174.9	174.6	175.1	171.1	171.3	171.7	172.3	172.4	172.0	172.5
Size A—More than 1,500,000.....	M	174.8	175.4	175.7	176.9	176.1	175.9	176.7	172.2	172.7	172.9	173.7	173.3	173.1	174
Size B/C—50,000 to 1,500,000 <sup>3</sup> .....	M	111.0	110.9	111.2	111.6	111.9	111.6	111.7	110.2	110.2	111.5	110.9	111.1	110.8	110.9
Size D—Nonmetropolitan (less than 50,000).....	M	172.2	172.7	172.6	173.9	173.0	172.3	173.2	172.1	172.8	173.0	173.2	173.4	172.6	173.2
West urban.....	M	184.7	185.3	185.7	185.8	185.8	185.5	186.6	179.8	180.3	180.7	180.6	181.0	180.8	181.5
Size A—More than 1,500,000.....	M	187.4	187.9	188.2	188.4	188.4	188.0	189.2	180.8	181.3	181.7	181.7	181.9	181.6	182.5
Size B/C—50,000 to 1,500,000 <sup>3</sup> .....	M	112.5	113.0	113.1	113.3	113.1	113.1	113.8	112.2	112.5	112.7	112.9	112.9	112.9	113.2
Size classes:															
A <sup>5</sup> .....	M	164.6	165.3	165.5	165.8	165.7	165.4	166.1	162.7	163.4	163.8	164.0	164.0	163.7	164.3
B/C <sup>3</sup> .....	M	111.4	111.5	111.8	112.1	112.2	111.9	112.3	110.9	111.0	111.3	111.6	111.7	111.4	111.8
D.....	M	173.3	173.9	174.3	174.3	174.5	173.8	174.6	172.0	172.5	172.9	173.0	173.1	172.5	173.2
<b>Selected local areas<sup>6</sup></b>															
Chicago—Gary—Kenosha, IL—IN—WI.....	M	181.2	181.6	182.1	182.8	183.2	182.4	182.7	175.1	175.5	175.8	176.5	176.9	176.0	176.4
Los Angeles—Riverside—Orange County, CA.....	M	182.2	183.0	183.4	183.7	184.0	183.7	185.2	175.0	175.6	176.3	176.5	177.0	176.7	177.8
New York, NY—Northern NJ—Long Island, NY—NJ—CT—PA.....	M	192.0	193.1	193.3	193.7	193.4	193.1	194.7	187.1	188.1	188.5	188.8	188.8	188.7	189.7
Boston—Brockton—Nashua, MA—NH—ME—CT.....	1	195.7	—	199.1	—	200.4	—	199.8	194.1	—	197.7	—	199.2	—	199.3
Cleveland—Akron, OH.....	1	173.4	—	174.6	—	173.4	—	173.5	164.5	—	165.7	—	164.9	—	165.3
Dallas—Ft. Worth, TX.....	1	172.9	—	173.2	—	173.6	—	174.0	172.6	—	172.9	—	173.0	—	173.3
Washington—Baltimore, DC—MD—VA—WV <sup>7</sup> .....	1	113.4	—	114.0	—	114.0	—	114.6	113.1	—	113.7	—	113.5	—	114.1
Atlanta, GA.....	2	—	179.7	—	179.4	—	177.3	—	—	176.8	—	176.3	—	174.6	—
Detroit—Ann Arbor—Flint, MI.....	2	—	180.9	—	180.4	—	179.7	—	—	175.0	—	175.0	—	174.4	—
Houston—Galveston—Brazoria, TX.....	2	—	160.1	—	162.6	—	159.8	—	—	158.0	—	160.3	—	158.0	—
Miami—Ft. Lauderdale, FL.....	2	—	175.2	—	177.0	—	177.9	—	—	172.8	—	174.5	—	175.3	—
Philadelphia—Wilmington—Atlantic City, PA—NJ—DE—MD.....	2	—	188.3	—	185.8	—	185.3	—	—	186.7	—	185.6	—	184.9	—
San Francisco—Oakland—San Jose, CA.....	2	—	193.5	—	194.3	—	193.2	—	—	189.3	—	190.0	—	189.6	—
Seattle—Tacoma—Bremerton, WA.....	2	—	190.3	—	190.9	—	190.0	—	—	184.8	—	185.5	—	184.6	—

<sup>1</sup> Foods, fuels, and several other items priced every month in all areas; most other goods and services priced as indicated:  
M—Every month.

1—January, March, May, July, September, and November.

2—February, April, June, August, October, and December.

<sup>2</sup> Regions defined as the four Census regions.

<sup>3</sup> Indexes on a December 1996 = 100 base.

<sup>4</sup> The "North Central" region has been renamed the "Midwest" region by the Census Bureau. It is composed of the same geographic entities.

<sup>5</sup> Indexes on a December 1986 = 100 base.

<sup>6</sup> In addition, the following metropolitan areas are published semiannually and appear in tables 34 and 39 of the January and July issues of the *CPI Detailed Report*: Anchorage,

AK; Cincinnati, OH—KY—IN; Kansas City, MO—KS; Milwaukee—Racine, WI; Minneapolis—St. Paul, MN—WI; Pittsburgh, PA; Portland—Salem, OR—WA; St. Louis, MO—IL; San Diego, CA; Tampa—St. Petersburg—Clearwater, FL.

<sup>7</sup> Indexes on a November 1996 = 100 base.

NOTE: Local area CPI indexes are byproducts of the national CPI program. Each local index has a smaller sample size and is, therefore, subject to substantially more sampling and other measurement error. As a result, local area indexes show greater volatility than the national index, although their long-term trends are similar. Therefore, the Bureau of Labor Statistics strongly urges users to consider adopting the national average CPI for use in their escalator clauses. Index applies to a month as a whole, not to any specific date.

Dash indicates data not available.



**34. Annual data: Consumer Price Index, U.S. city average, all items and major groups**

[1982-84 = 100]

Series	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Consumer Price Index for All Urban Consumers:										
All items:										
Index.....	144.5	148.2	152.4	156.9	160.5	163.0	166.6	172.2	177.1	179.9
Percent change.....	3.0	2.6	2.8	3.0	2.3	1.6	2.2	3.4	2.8	1.5
Food and beverages:										
Index.....	141.6	144.9	148.9	153.7	157.7	161.1	164.6	168.4	173.6	176.8
Percent change.....	2.1	2.3	2.8	3.2	2.6	2.2	2.2	2.3	3.1	1.8
Housing:										
Index.....	141.2	144.8	148.5	152.8	156.8	160.4	163.9	169.6	176.4	180.3
Percent change.....	2.7	2.5	2.6	2.9	2.6	2.3	2.2	3.5	4.0	2.2
Apparel:										
Index.....	133.7	133.4	132.0	131.7	132.9	133.0	131.3	129.6	127.3	124.0
Percent change.....	1.4	-2	-1.0	-2	.9	.1	-1.3	-1.3	-1.8	-2.6
Transportation:										
Index.....	130.4	134.3	139.1	143.0	144.3	141.6	144.4	153.3	154.3	152.9
Percent change.....	3.1	3.0	3.6	2.8	0.9	-1.9	2.0	6.2	0.7	-9
Medical care:										
Index.....	201.4	211.0	220.5	228.2	234.6	242.1	250.6	260.8	272.8	285.6
Percent change.....	5.9	4.8	4.5	3.5	2.8	3.2	3.5	4.1	4.6	4.7
Other goods and services:										
Index.....	192.9	198.5	206.9	215.4	224.8	237.7	258.3	271.1	282.6	293.2
Percent change.....	5.2	2.9	4.2	4.1	4.4	5.7	8.7	5.0	4.2	3.8
Consumer Price Index for Urban Wage Earners and Clerical Workers:										
All items:										
Index.....	142.1	145.6	149.8	154.1	157.6	159.7	163.2	168.9	173.5	175.9
Percent change.....	2.8	2.5	2.9	2.9	2.3	1.3	2.2	3.5	2.7	1.4

35. Producer Price Indexes, by stage of processing

[1982 = 100]

Grouping	Annual average		2002												2003
	2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Finished goods.....</b>	140.7	138.8	137.4	137.7	138.7	138.8	138.6	139.0	138.8	138.8	139.1	140.6	139.6	139.1	141.2
Finished consumer goods.....	141.5	139.3	137.2	137.5	138.9	139.2	139.1	139.6	139.6	139.6	140.0	141.5	140.3	139.8	142.5
Finished consumer foods.....	141.3	140.0	141.1	142.3	143.4	139.2	139.4	139.8	139.8	139.3	138.7	139.1	139.2	139.6	141.7
Finished consumer goods excluding foods.....	141.4	138.7	135.4	135.4	136.9	138.9	138.6	139.3	139.1	139.3	140.2	142.1	140.3	139.6	142.4
Nondurable goods less food.....	142.8	139.8	134.4	134.3	136.7	139.8	139.5	140.6	141.0	141.5	142.8	143.9	141.8	141.3	144.7
Durable goods.....	133.9	132.9	133.9	134.1	133.6	133.5	133.0	132.8	131.5	131.0	131.1	134.5	133.5	132.1	133.8
Capital equipment.....	139.7	139.1	139.7	139.8	139.5	139.3	139.1	139.0	138.4	138.2	138.3	139.7	139.3	138.6	139.6
<b>Intermediate materials, supplies, and components.....</b>	128.7	127.8	125.5	125.2	126.1	127.2	127.1	127.7	128.1	128.4	129.3	129.7	129.8	129.4	131.2
Materials and components for manufacturing.....	127.4	126.1	124.5	124.6	125.1	125.5	125.5	125.9	126.3	126.5	126.9	127.3	127.8	127.3	127.9
Materials for food manufacturing.....	124.3	123.3	122.1	122.6	122.9	121.8	121.2	122.1	122.7	123.1	123.9	124.3	125.3	127.2	128.9
Materials for nondurable manufacturing...	131.8	129.3	125.4	125.4	126.5	128.0	128.1	128.8	129.7	130.3	131.5	132.8	133.3	131.5	133.5
Materials for durable manufacturing.....	125.2	124.7	122.5	122.6	123.5	123.7	124.1	124.7	125.3	125.3	125.9	125.7	126.4	126.3	126.3
Components for manufacturing.....	126.3	126.1	126.3	126.3	126.4	126.3	126.2	126.1	126.0	125.9	125.9	125.8	126.1	126.0	125.8
Materials and components for construction.....	150.6	151.3	150.2	150.2	150.7	151.1	151.4	151.5	151.7	152.1	152.1	151.8	151.1	151.1	151.5
Processed fuels and lubricants.....	104.5	96.2	90.0	88.8	91.3	95.3	94.8	96.4	97.3	97.6	100.6	101.6	101.1	100.4	107.0
Containers.....	153.1	152.2	152.6	151.9	151.7	151.2	151.0	151.3	151.4	151.5	152.5	153.5	153.8	153.4	153.6
Supplies.....	138.6	138.9	138.2	138.1	138.3	138.5	138.4	138.7	139.1	139.3	139.6	139.6	139.7	139.7	140.4
<b>Crude materials for further processing.....</b>	121.3	108.1	98.9	98.0	103.7	108.3	109.9	105.7	106.8	108.7	110.9	111.6	117.1	119.4	127.9
Foodstuffs and feedstuffs.....	106.2	99.5	99.6	102.0	102.8	96.5	98.2	96.8	98.0	99.7	100.7	99.7	99.4	100.4	105.7
Crude nonfood materials.....	127.3	111.2	95.0	91.4	100.9	114.0	115.6	109.2	110.2	112.1	115.4	117.4	127.3	130.6	141.3
<b>Special groupings:</b>															
Finished goods, excluding foods.....	140.4	138.3	136.3	136.3	137.2	138.5	138.2	138.6	138.3	138.4	139.0	140.7	139.5	138.7	140.9
Finished energy goods.....	96.8	88.8	81.3	81.3	85.0	88.8	88.4	89.8	90.5	91.3	93.0	94.4	91.1	90.4	95.1
Finished goods less energy.....	147.5	147.3	147.7	148.1	148.2	147.3	147.1	147.3	146.7	146.5	146.4	147.8	147.5	147.1	148.5
Finished consumer goods less energy.....	150.8	150.8	151.1	151.6	151.9	150.6	150.5	150.7	150.3	150.0	149.9	151.2	151.0	150.7	152.3
Finished goods less food and energy.....	150.0	150.2	150.4	150.4	150.2	150.4	150.2	150.2	149.5	149.3	149.5	151.2	150.8	150.1	151.2
Finished consumer goods less food and energy.....	156.9	157.7	157.6	157.6	157.4	157.9	157.7	157.8	157.1	156.8	157.1	159.0	158.6	157.8	159.1
Consumer nondurable goods less food and energy.....	175.1	177.7	176.4	176.2	176.3	177.6	177.6	178.0	177.9	177.9	178.3	178.7	178.8	178.8	179.6
Intermediate materials less foods and feeds.....	130.5	128.5	126.1	125.9	126.8	127.9	127.9	128.4	128.8	129.0	130.0	130.4	130.5	130.0	131.8
Intermediate foods and feeds.....	115.9	115.6	113.6	113.6	114.3	113.6	112.9	114.2	115.8	116.8	118.0	117.4	117.7	119.1	120.3
Intermediate energy goods.....	104.1	95.9	89.6	88.4	90.9	94.9	94.6	96.2	96.7	97.0	100.4	101.6	101.0	99.5	105.9
Intermediate goods less energy.....	135.1	134.6	133.3	133.3	133.8	134.0	134.0	134.4	134.8	135.0	135.3	135.4	135.7	135.6	136.1
Intermediate materials less foods and energy.....	136.4	135.8	134.6	134.6	135.0	135.4	135.4	135.7	136.0	136.2	136.5	136.6	136.9	136.7	137.2
Crude energy materials.....	122.8	101.8	82.8	76.9	89.9	107.3	108.3	97.8	98.1	101.2	105.9	108.9	123.2	127.6	141.6
Crude materials less energy.....	112.2	108.6	106.2	108.5	109.3	105.5	107.5	107.4	108.9	110.0	111.6	109.8	109.5	110.4	115.0
Crude nonfood materials less energy.....	130.6	135.6	126.1	128.1	129.0	131.8	134.9	138.6	141.0	140.3	140.0	139.4	139.1	139.7	142.5

36. Producer Price Indexes for the net output of major industry groups

[December 1984 = 100, unless otherwise indicated]

SIC	Industry	Annual average		2002												2003
		2001	2002	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
-	<b>Total mining industries.....</b>	114.3	96.3	81.9	78.0	87.5	99.8	100.3	93.5	93.5	95.9	100.1	102.7	112.3	115.6	126.2
10	Metal mining.....	70.8	73.4	71.0	72.3	72.9	73.4	73.9	76.9	74.7	73.2	73.6	72.5	72.6	73.7	76.7
12	Coal mining (12/85 = 100).....	91.3	94.0	95.3	94.5	94.6	94.4	94.4	93.7	93.9	93.4	92.8	94.0	93.7	93.0	93.5
13	Oil and gas extraction (12/85 = 100).....	127.5	106.5	84.0	77.9	92.7	111.9	112.7	101.7	102.0	106.0	112.8	116.5	131.7	136.8	153.0
14	Mining and quarrying of nonmetallic minerals, except fuels.....	141.0	143.5	142.5	143.4	143.5	143.4	143.6	143.7	143.7	143.5	143.5	143.5	143.8	144.4	145.0
-	<b>Total manufacturing industries.....</b>	134.6	133.6	131.7	132.0	132.8	133.8	133.5	133.6	133.6	133.7	135.0	135.6	134.7	134.1	135.9
20	Food and kindred products.....	132.8	131.6	131.5	132.0	132.0	131.5	130.9	131.3	131.5	131.3	136.1	131.6	131.7	132.8	133.8
21	Tobacco manufactures.....	386.1	134.7	391.7	391.7	392.2	407.8	408.0	408.2	408.6	408.5	408.5	408.5	409.2	409.0	408.5
22	Textile mill products.....	116.9	115.7	116.3	115.8	115.8	115.8	115.5	115.8	115.7	115.5	115.6	115.6	116.0	115.4	115.9
23	Apparel and other finished products made from fabrics and similar materials.....	125.8	125.3	125.2	125.1	125.2	125.0	125.1	125.2	125.3	125.3	125.1	126.0	125.8	125.3	125.2
24	Lumber and wood products, except furniture.....	156.2	155.3	154.0	154.8	156.7	156.8	156.0	155.3	155.5	155.9	155.3	154.8	154.1	154.2	154.4
25	Furniture and fixtures.....	145.1	146.2	145.6	145.8	145.7	145.7	145.9	146.1	146.6	146.6	147.0	146.7	146.9	146.5	146.9
26	Paper and allied products.....	146.2	143.7	144.1	143.2	142.9	143.3	142.5	142.8	142.9	143.5	144.1	144.6	145.3	145.0	145.0
27	Printing, publishing, and allied industries.....	188.7	193.0	192.0	192.1	192.1	192.6	192.6	192.9	193.1	193.2	193.4	193.8	194.0	194.2	195.7
28	Chemicals and allied products.....	158.4	157.3	154.0	154.3	155.1	155.9	156.3	157.0	158.5	158.6	158.7	159.5	160.6	159.6	160.8
29	Petroleum refining and related products.....	105.3	98.8	77.7	79.5	89.2	100.5	99.7	98.9	101.1	103.2	109.6	117.6	107.1	102.4	116.3
30	Rubber and miscellaneous plastics products.....	125.9	125.4	125.1	124.4	124.6	124.8	125.3	125.8	125.5	125.9	126.3	126.3	125.7	125.6	126.4
31	Leather and leather products.....	141.3	141.1	140.2	139.8	140.0	140.1	140.6	140.9	141.4	142.0	141.9	141.7	142.3	142.4	142.3
32	Stone, clay, glass, and concrete products.....	136.0	137.0	136.9	136.4	136.3	136.6	137.1	137.2	137.0	137.4	137.6	137.5	136.9	137.2	137.6
33	Primary metal industries.....	116.1	116.1	113.7	113.7	114.4	114.7	115.4	116.3	116.9	117.1	117.9	117.6	118.2	117.9	117.5
34	Fabricated metal products, except machinery and transportation equipment.....	131.0	131.7	131.2	131.2	131.2	131.3	131.4	131.6	131.9	132.0	132.1	132.1	132.3	132.3	132.4
35	Machinery, except electrical.....	118.0	117.2	117.7	117.6	117.7	117.6	117.6	117.4	117.2	116.8	116.8	116.7	116.6	116.6	116.6
36	Electrical and electronic machinery, equipment, and supplies.....	107.0	105.7	106.7	106.6	106.6	106.1	105.9	105.8	105.5	105.5	105.4	105.1	104.9	104.5	104.3
37	Transportation.....	137.9	137.2	138.0	138.5	137.9	137.7	137.1	137.0	135.5	135.0	135.1	139.2	138.3	136.8	138.5
38	Measuring and controlling instruments; photographic, medical, and optical goods; watches and clocks.....	127.3	128.5	128.3	128.6	128.9	128.2	128.2	128.3	128.3	128.4	128.7	128.7	128.8	128.9	129.8
39	Miscellaneous manufacturing industries (12/85 = 100).....	132.4	133.2	132.7	133.4	132.9	133.3	133.1	133.3	133.4	133.4	133.5	133.4	132.7	133.7	133.9
	<b>Service industries:</b>															
42	Motor freight transportation and warehousing (06/93 = 100).....	123.1	124.5	123.2	123.4	123.5	123.7	124.1	124.3	124.3	125.0	125.1	125.4	125.9	125.9	126.5
43	U.S. Postal Service (06/89 = 100).....	143.4	150.2	145.4	145.4	145.4	145.4	145.4	145.4	155.0	155.0	155.0	155.0	155.0	155.0	155.0
44	Water transportation (12/92 = 100).....	129.8	134.0	129.3	128.9	128.7	127.9	131.7	134.0	135.4	135.3	139.0	138.4	141.0	142.3	142.4
45	Transportation by air (12/92 = 100).....	157.2	158.0	157.1	157.1	156.8	156.3	156.2	156.8	157.9	158.0	158.6	159.6	160.3	160.7	160.6
46	Pipelines, except natural gas (12/92 = 100).....	110.3	111.9	111.1	111.3	111.6	111.5	111.3	111.5	112.3	112.5	112.5	112.7	112.3	112.3	111.2

37. Annual data: Producer Price Indexes, by stage of processing

[1982 = 100]

Index	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Finished goods</b>										
Total.....	124.7	125.5	127.9	131.3	131.8	130.7	133.0	138.0	140.7	138.8
Foods.....	125.7	126.8	129.0	133.6	134.5	134.3	135.1	137.2	141.3	140.0
Energy.....	78.0	77.0	78.1	83.2	83.4	75.1	78.8	94.1	96.8	88.8
Other.....	135.8	137.1	140.0	142.0	142.4	143.7	146.1	148.0	150.0	150.2
<b>Intermediate materials, supplies, and components</b>										
Total.....	116.2	118.5	124.9	125.7	125.6	123.0	123.2	129.2	129.7	127.8
Foods.....	115.6	118.5	119.5	125.3	123.2	123.2	120.8	119.2	124.3	123.3
Energy.....	84.6	83.0	84.1	89.8	89.0	80.8	84.3	101.7	104.1	95.9
Other.....	123.8	127.1	135.2	134.0	134.2	133.5	133.1	136.6	136.4	135.8
<b>Crude materials for further processing</b>										
Total.....	102.4	101.8	102.7	113.8	111.1	96.8	98.2	120.6	121.3	108.1
Foods.....	108.4	106.5	105.8	121.5	112.2	103.9	98.7	100.2	106.2	99.5
Energy.....	76.7	72.1	69.4	85.0	87.3	68.6	78.5	122.1	122.8	101.8
Other.....	94.1	97.0	105.8	105.7	103.5	84.5	91.1	118.0	101.8	100.8

38. U.S. export price indexes by Standard International Trade Classification

[2000 = 100]

SITC Rev. 3	Industry	2002												2003
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
0	<b>Food and live animals.....</b>	102.7	100.0	100.3	100.6	99.7	99.8	101.1	103.4	107.7	106.4	106.7	106.8	106.8
01	Meat and meat preparations.....	93.1	91.3	93.2	92.0	91.6	90.0	87.8	88.7	89.8	89.1	87.9	89.8	89.8
04	Cereals and cereal preparations.....	108.4	106.0	105.4	105.2	103.8	106.5	112.7	119.9	133.4	130.5	131.7	126.3	126.3
05	Vegetables, fruit, and nuts, prepared fresh or dry.....	110.5	102.4	102.5	103.7	103.8	99.0	98.0	98.2	98.9	97.8	99.0	98.6	98.6
2	<b>Crude materials, inedible, except fuels.....</b>	87.1	86.9	87.7	89.7	90.9	95.3	99.8	97.9	97.3	96.8	98.8	98.8	98.8
22	Oilseeds and oleaginous fruits.....	91.6	89.4	92.0	93.8	95.1	102.9	117.0	113.5	114.1	107.2	116.9	116.2	116.2
24	Cork and wood.....	88.1	87.6	87.2	87.3	87.4	87.1	88.1	88.8	90.0	90.7	90.6	90.2	90.2
25	Pulp and waste paper.....	75.8	73.9	74.1	77.1	81.0	89.3	96.5	89.6	86.5	88.5	87.9	85.9	85.9
26	Textile fibers and their waste.....	85.3	86.6	86.2	86.8	84.9	88.6	94.6	93.1	94.2	94.2	96.4	98.4	98.4
28	Metalliferous ores and metal scrap.....	84.9	87.0	87.3	91.7	98.9	99.8	99.6	97.9	93.9	94.1	95.0	97.5	97.5
3	<b>Mineral fuels, lubricants, and related products.....</b>	87.1	84.3	89.8	99.7	95.4	93.9	97.1	97.3	102.8	109.3	104.5	99.5	99.5
32	Coal, coke, and briquettes.....	109.5	109.7	110.8	111.4	111.4	110.9	114.3	114.3	114.0	114.0	114.0	113.7	113.7
33	Petroleum, petroleum products, and related materials.....	80.1	76.5	83.6	95.8	90.2	87.9	91.6	92.0	98.0	105.8	99.6	92.2	92.2
5	<b>Chemicals and related products, n.e.s. ....</b>	92.2	92.3	93.2	94.8	95.1	95.4	96.1	96.4	96.8	97.1	96.8	96.6	96.6
54	Medicinal and pharmaceutical products.....	101.1	100.8	100.5	100.3	100.2	100.4	100.8	101.3	101.3	101.3	101.2	101.3	101.3
55	Essential oils; polishing and cleaning preparations.....	97.5	97.1	97.6	97.5	97.1	97.3	97.1	97.5	97.4	97.3	97.2	97.3	97.3
57	Plastics in primary forms.....	85.4	85.8	87.6	90.5	92.2	92.5	93.1	93.1	92.9	97.3	93.5	93.1	93.1
58	Plastics in nonprimary forms.....	95.9	95.7	95.8	95.3	95.6	96.0	96.4	96.5	96.9	97.6	97.7	95.9	95.9
59	Chemical materials and products, n.e.s. ....	98.1	97.6	98.0	97.4	97.4	97.5	97.3	98.2	98.3	98.6	98.5	98.8	98.8
6	<b>Manufactured goods classified chiefly by materials.....</b>	97.3	97.2	96.7	97.4	97.4	98.0	98.7	99.0	99.1	99.1	99.0	99.0	99.0
62	Rubber manufactures, n.e.s. ....	100.4	100.4	100.8	101.1	101.5	102.7	103.8	105.1	205.9	105.7	105.4	105.6	105.6
64	Paper, paperboard, and articles of paper, pulp, and paperboard.....	95.3	94.1	92.5	92.9	93.1	94.8	95.7	96.2	96.3	96.8	96.6	96.9	96.9
66	Nonmetallic mineral manufactures, n.e.s. ....	101.7	101.4	102.1	101.9	102.0	102.2	102.2	102.2	102.2	101.4	101.3	101.3	101.3
68	Nonferrous metals.....	85.3	85.9	85.1	86.5	86.5	85.3	85.2	84.9	84.4	83.4	83.2	83.3	83.3
7	<b>Machinery and transport equipment.....</b>	99.3	99.3	99.5	99.5	99.3	98.9	98.7	98.8	98.7	98.7	98.7	98.6	98.6
71	Power generating machinery and equipment.....	104.6	104.4	104.6	104.6	104.6	104.5	104.5	104.6	104.6	104.7	105.2	105.2	105.2
72	Machinery specialized for particular industries.....	100.7	100.8	101.1	101.4	102.0	101.8	102.1	102.0	101.8	101.8	101.7	101.7	101.7
74	General industrial machines and parts, n.e.s., and machine parts.....	102.1	102.0	102.2	102.1	102.3	102.3	102.1	102.3	102.3	102.2	102.3	102.3	102.3
75	Computer equipment and office machines.....	92.5	92.9	93.1	92.5	91.7	90.4	90.4	90.3	89.3	89.1	88.6	88.7	88.7
76	Telecommunications and sound recording and reproducing apparatus and equipment.....	97.9	97.5	97.5	97.8	97.8	97.7	96.2	96.3	96.4	96.3	96.3	96.2	96.2
77	Electrical machinery and equipment.....	94.8	94.6	94.7	94.8	94.6	93.9	93.3	93.5	93.6	93.3	93.3	92.8	92.8
78	Road vehicles.....	100.1	100.2	100.3	100.3	100.4	100.3	100.4	100.6	100.6	100.9	100.9	100.9	100.9
87	<b>Professional, scientific, and controlling instruments and apparatus.....</b>	100.8	101.1	101.2	101.3	101.3	101.3	101.4	101.5	101.4	101.6	101.5	101.7	101.7

39. U.S. import price indexes by Standard International Trade Classification

[2000 = 100]

SITC Rev. 3	Industry	5335												5336
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
0	<b>Food and live animals.....</b>	95.8	94.3	96.4	97.0	96.4	94.5	96.3	96.6	98.8	97.6	97.6	98.9	100.1
01	Meat and meat preparations.....	105.5	107.4	109.8	110.1	105.4	104.0	105.9	105.4	103.4	102.0	101.2	106.8	101.7
03	Fish and crustaceans, mollusks, and other aquatic invertebrates.....	82.3	82.0	80.4	80.1	80.0	79.8	81.9	83.0	84.9	81.4	82.0	82.5	80.5
05	Vegetables, fruit, and nuts, prepared fresh or dry.....	106.8	98.1	104.0	104.9	108.1	102.2	105.0	105.0	106.7	107.5	106.2	105.6	111.4
07	Coffee, tea, cocoa, spices, and manufactures thereof.....	77.5	78.8	83.3	88.5	83.8	84.6	84.2	84.5	93.5	94.3	98.6	99.9	102.6
1	<b>Beverages and tobacco.....</b>	102.9	102.9	102.1	102.0	102.7	103.0	102.7	102.5	102.6	102.4	102.5	102.7	102.9
11	Beverages.....	103.2	103.2	102.5	102.3	102.4	102.8	102.4	102.2	102.2	102.1	102.2	102.4	102.4
2	<b>Crude materials, inedible, except fuels.....</b>	90.1	92.7	95.8	96.3	97.0	96.4	96.8	96.8	96.4	95.7	94.9	94.5	95.4
24	Cork and wood.....	92.6	98.6	106.6	108.1	105.2	103.1	103.4	101.8	98.3	96.3	96.0	94.0	94.7
25	Pulp and waste paper.....	78.1	77.2	74.9	73.4	74.7	77.1	80.2	82.3	82.3	82.3	80.5	78.9	78.1
28	Metalliferous ores and metal scrap.....	91.4	92.7	93.7	95.0	95.6	95.9	96.4	95.2	93.3	93.8	93.9	94.7	95.5
29	Crude animal and vegetable materials, n.e.s. ....	92.2	91.7	92.3	90.5	103.8	92.8	91.0	97.5	104.0	101.6	99.9	101.4	103.6
3	<b>Mineral fuels, lubricants, and related products.....</b>	64.0	65.2	76.4	87.1	89.0	86.0	66.1	91.1	96.3	97.0	90.4	94.8	107.5
33	Petroleum, petroleum products, and related materials....	62.6	65.6	77.4	86.8	89.1	85.9	88.9	92.9	97.8	97.7	89.8	94.1	106.4
34	Gas, natural and manufactured.....	70.8	58.2	64.8	86.0	84.3	83.6	77.7	72.7	81.1	87.3	92.1	97.0	111.7
5	<b>Chemicals and related products, n.e.s. ....</b>	97.7	96.7	96.3	97.3	97.5	97.0	98.6	98.9	98.7	98.3	98.0	98.2	99.0
52	Inorganic chemicals.....	97.0	97.1	97.8	98.5	98.5	98.6	100.0	100.2	100.1	101.5	102.5	102.5	104.2
53	Dyeing, tanning, and coloring materials.....	97.8	97.4	97.2	95.6	95.6	96.2	96.4	96.8	96.6	95.8	95.9	96.7	96.5
54	Medicinal and pharmaceutical products.....	97.1	96.3	96.0	96.6	96.7	98.0	98.7	100.0	99.6	99.5	99.3	99.2	101.8
55	Essential oils; polishing and cleaning preparations.....	100.1	99.9	99.8	98.9	99.1	99.9	100.4	101.2	98.4	98.4	98.8	99.2	97.2
57	Plastics in primary forms.....	98.6	97.1	91.5	91.4	91.1	91.8	96.6	96.4	97.9	96.4	96.0	94.7	96.9
58	Plastics in nonprimary forms.....	100.8	100.6	100.6	101.8	101.8	100.3	99.6	99.5	99.5	99.4	99.5	99.6	100.2
59	Chemical materials and products, n.e.s. ....	96.1	95.2	93.6	94.5	94.3	93.6	93.5	93.5	92.4	91.0	90.8	91.6	92.2
6	<b>Manufactured goods classified chiefly by materials.....</b>	92.4	92.3	92.2	92.6	92.3	92.8	93.0	93.1	93.5	93.5	93.6	93.7	93.3
62	Rubber manufactures, n.e.s. ....	97.3	97.6	97.6	97.9	98.1	98.2	98.2	98.2	99.3	99.3	99.4	99.3	99.5
64	Paper, paperboard, and articles of paper, pulp, and paperboard.....	95.0	93.7	93.4	92.5	91.9	91.7	91.7	92.7	93.7	93.3	93.3	93.0	92.6
66	Nonmetallic mineral manufactures, n.e.s. ....	97.2	97.0	96.9	96.9	97.0	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.6
68	Nonferrous metals.....	76.4	77.2	76.9	79.2	79.7	79.7	79.2	77.7	76.4	76.0	76.6	77.3	76.1
69	Manufactures of metals, n.e.s. ....	99.0	98.5	98.5	98.2	98.3	98.3	98.3	98.6	98.6	98.5	98.3	98.3	97.4
7	<b>Machinery and transport equipment.....</b>	97.4	97.2	97.1	97.2	97.0	97.1	96.9	96.9	96.7	96.4	96.2	96.1	96.0
72	Machinery specialized for particular industries.....	98.5	98.5	98.5	98.6	98.8	99.0	98.7	99.2	98.3	98.5	98.7	99.2	99.6
74	General industrial machines and parts, n.e.s., and machine parts.....	98.1	97.5	97.5	97.6	97.4	97.8	98.1	98.4	98.4	98.5	98.6	98.6	98.6
75	Computer equipment and office machines.....	88.6	88.2	88.1	88.2	88.0	87.8	87.2	86.9	86.4	84.9	84.6	84.1	83.8
76	Telecommunications and sound recording and reproducing apparatus and equipment.....	95.7	95.1	94.8	94.8	94.5	94.4	94.0	93.1	92.8	92.3	91.1	92.0	92.1
77	Electrical machinery and equipment.....	96.9	97.0	96.8	97.0	97.1	97.1	96.6	96.7	96.5	96.0	95.9	95.6	95.3
78	Road vehicles.....	1,001.0	100.2	100.1	100.2	100.0	100.2	100.3	100.3	100.3	100.8	100.5	100.5	100.4
85	Footwear.....	99.3	99.6	99.5	99.0	99.1	99.2	99.3	99.5	99.4	99.4	99.4	99.6	99.5
88	Photographic apparatus, equipment, and supplies, and optical goods, n.e.s. ....	97.7	97.3	97.2	97.2	97.4	97.8	98.4	98.8	98.4	98.5	98.3	98.5	98.8

## 40. U.S. export price indexes by end-use category

[2000 = 100]

Category	2002												2003
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>ALL COMMODITIES</b> .....	97.5	97.3	97.6	98.0	98.0	98.0	98.3	98.5	98.8	98.7	98.8	98.6	99.0
Foods, feeds, and beverages.....	102.0	98.9	99.7	100.3	100.4	101.5	104.0	106.1	109.8	107.6	109.6	108.8	108.9
Agricultural foods, feeds, and beverages.....	102.6	99.4	100.0	100.8	100.9	101.7	104.5	106.7	110.7	108.2	110.4	109.5	109.6
Nonagricultural (fish, beverages) food products.....	96.3	94.5	98.3	96.2	96.1	100.7	100.0	100.7	101.3	102.1	102.0	102.3	103.1
Industrial supplies and materials.....	91.5	91.4	91.9	93.4	93.8	94.6	95.6	95.5	95.9	96.4	96.1	96.0	97.2
Agricultural industrial supplies and materials.....	92.3	92.9	93.6	93.6	93.0	95.8	97.9	97.7	98.4	98.4	100.1	101.9	103.4
Fuels and lubricants.....	85.6	83.8	85.6	90.3	87.9	86.7	88.3	88.0	92.9	94.0	91.6	91.3	96.2
Nonagricultural supplies and materials, excluding fuel and building materials.....	92.3	92.2	92.6	94.0	94.8	95.7	96.7	96.5	96.4	96.8	96.5	96.4	97.2
Selected building materials.....	94.4	94.4	94.2	94.3	94.1	94.2	95.0	95.4	96.2	96.6	96.6	96.3	96.2
Capital goods.....	99.1	99.2	99.4	99.5	99.2	98.7	98.5	98.5	98.4	98.3	98.3	98.1	98.3
Electric and electrical generating equipment.....	102.1	102.0	102.1	101.8	101.8	102.0	101.8	102.0	102.0	102.1	102.0	101.9	101.7
Nonelectrical machinery.....	97.2	97.3	97.5	97.6	97.3	96.5	96.2	96.2	96.0	95.8	95.7	95.5	95.7
Automotive vehicles, parts, and engines.....	100.7	100.8	100.9	100.7	100.9	100.9	100.9	101.1	101.1	101.4	101.4	101.3	101.4
Consumer goods, excluding automotive.....	99.5	99.1	99.1	98.9	99.0	99.1	99.1	99.3	99.3	99.4	99.3	99.3	99.1
Nondurables, manufactured.....	98.2	98.2	98.1	98.2	98.3	98.5	98.5	98.7	98.7	98.8	98.6	98.7	98.3
Durables, manufactured.....	100.6	99.9	99.7	99.3	99.2	99.4	99.5	99.7	99.6	99.6	99.7	99.6	99.5
Agricultural commodities.....	100.9	98.3	98.9	99.6	99.5	100.7	103.4	105.2	108.6	106.6	108.7	108.2	108.5
Nonagricultural commodities.....	97.2	97.2	97.5	97.8	97.8	97.8	97.9	97.9	98.0	98.1	98.0	97.8	98.2

## 41. U.S. import price indexes by end-use category

[2000 = 100]

Category	2002												2003
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>ALL COMMODITIES</b> .....	91.6	91.6	92.8	94.3	94.4	94.1	94.5	94.8	95.5	95.5	94.6	95.2	96.7
Foods, feeds, and beverages.....	95.7	93.8	95.0	96.0	97.2	96.2	96.9	96.9	99.7	100.0	99.9	100.2	101.0
Agricultural foods, feeds, and beverages.....	99.9	97.2	99.5	100.9	102.7	101.3	102.4	102.0	105.4	106.1	105.8	106.0	107.6
Nonagricultural (fish, beverages) food products.....	87.0	86.8	85.5	85.5	85.2	85.1	85.0	86.0	87.3	86.6	87.1	87.5	86.5
Industrial supplies and materials.....	79.1	79.8	84.9	90.3	90.8	89.8	91.3	92.6	95.2	95.4	92.3	94.6	100.6
Fuels and lubricants.....	64.5	65.9	76.4	87.1	88.5	85.8	88.1	90.7	96.2	96.7	89.8	94.6	107.3
Petroleum and petroleum products.....	63.0	65.7	76.9	86.7	88.4	85.3	88.5	91.8	97.1	97.0	89.0	93.8	106.3
Paper and paper base stocks.....	90.0	88.8	88.0	87.0	86.7	87.1	88.0	89.3	90.5	90.1	89.7	89.2	88.9
Materials associated with nondurable supplies and materials.....	96.3	96.0	95.9	97.4	97.4	97.1	98.1	99.1	99.4	99.7	99.8	100.1	101.5
Selected building materials.....	93.1	96.1	100.7	101.0	99.6	99.1	99.9	99.2	97.6	96.9	96.4	95.0	95.7
Unfinished metals associated with durable goods.....	83.2	83.8	83.8	86.2	86.6	88.5	89.4	88.6	89.7	89.9	90.5	91.5	90.5
Nonmetals associated with durable goods.....	98.4	97.6	97.2	97.6	96.8	96.7	97.1	97.0	96.9	96.9	96.9	97.0	97.3
Capital goods.....	95.7	95.4	95.2	95.2	95.1	95.1	94.8	94.9	94.7	94.0	94.0	93.9	93.8
Electric and electrical generating equipment.....	97.3	96.7	95.5	95.3	95.0	95.1	95.3	95.9	95.7	95.2	94.8	94.9	95.1
Nonelectrical machinery.....	94.8	94.5	94.4	94.5	94.4	94.4	93.8	93.9	93.7	92.9	92.9	92.8	92.7
Automotive vehicles, parts, and engines.....	99.8	100.1	99.9	100.1	99.9	100.1	100.2	100.2	100.3	100.7	100.4	100.5	100.3
Consumer goods, excluding automotive.....	98.7	98.4	98.2	98.1	98.2	98.1	98.2	98.2	98.1	98.1	97.9	98.0	98.1
Nondurables, manufactured.....	99.8	99.7	99.2	99.1	99.1	99.1	99.3	99.6	99.5	99.5	99.3	99.7	96.7
Durables, manufactured.....	97.8	97.4	97.3	97.2	97.2	97.2	97.3	97.0	96.8	96.8	96.7	96.5	96.7
Nonmanufactured consumer goods.....	95.8	95.7	96.1	95.8	97.6	95.6	95.3	95.6	95.4	95.4	95.2	95.4	95.5

## 42. U.S. international price indexes for selected categories of services

[2000 = 100]

Category	2000	2001				2002			
	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Air freight (inbound).....	99.0	97.9	95.1	94.9	95.2	93.9	98.3	100.3	105.8
Air freight (outbound).....	100.2	100.1	98.0	97.6	97.9	95.9	98.4	97.3	95.4
Air passenger fares (U.S. carriers).....	99.9	101.9	106.4	107.6	103.5	103.3	110.7	114.3	107.9
Air passenger fares (foreign carriers).....	97.6	100.7	103.8	110.2	100.8	99.4	110.9	118.5	107.2
Ocean liner freight (inbound).....	101.0	102.8	100.8	98.1	93.6	91.7	90.3	93.5	93.3

43. Indexes of productivity, hourly compensation, and unit costs, quarterly data seasonally adjusted

[1992 = 100]

Item	1999	2000				2001				2002			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
<b>Business</b>													
Output per hour of all persons.....	115.2	115.3	117.2	117.3	117.9	117.5	117.4	117.9	120.1	122.5	123.1	124.8	124.9
Compensation per hour.....	127.0	131.4	132.4	135.0	136.3	137.3	137.5	137.8	138.3	139.3	140.8	142.7	144.2
Real compensation per hour.....	107.8	110.5	110.5	111.7	111.9	111.8	111.0	111.1	111.6	112.0	112.3	113.2	113.8
Unit labor costs.....	110.2	114.0	113.0	115.1	115.6	116.9	117.1	116.8	115.1	113.7	114.4	114.3	115.4
Unit nonlabor payments.....	115.3	110.7	114.1	111.2	112.0	112.3	113.6	115.5	117.2	119.9	119.3	119.7	118.9
Implicit price deflator.....	112.1	112.8	113.4	113.7	114.3	115.2	115.8	116.4	115.9	116.0	116.2	116.3	116.7
<b>Nonfarm business</b>													
Output per hour of all persons.....	114.7	114.7	116.4	116.6	117.1	116.7	116.6	117.2	119.3	121.8	122.3	123.9	123.2
Compensation per hour.....	126.3	130.8	131.5	134.3	135.3	136.3	136.3	136.7	137.2	138.1	139.5	141.3	142.9
Real compensation per hour.....	107.2	110.0	109.8	111.1	111.2	110.9	110.1	110.2	110.7	111.1	111.2	112.1	112.8
Unit labor costs.....	110.1	114.0	113.0	115.2	115.6	116.8	116.9	116.6	115.0	113.4	114.1	114.0	115.1
Unit nonlabor payments.....	117.0	112.3	115.6	112.8	113.4	113.8	115.3	117.2	119.2	121.7	121.7	121.8	121.0
Implicit price deflator.....	112.6	113.4	113.9	114.3	114.8	115.7	116.3	116.8	116.5	116.4	116.8	116.9	117.2
<b>Nonfinancial corporations</b>													
Output per hour of all employees.....	115.8	117.8	118.3	119.5	119.5	118.8	119.4	120.4	123.5	124.9	236.7	128.4	—
Compensation per hour.....	122.7	126.9	127.8	130.4	131.7	131.3	131.9	132.7	133.6	134.7	136.2	138.2	—
Real compensation per hour.....	104.2	106.7	106.6	107.9	108.2	106.9	106.5	107.0	107.8	108.4	108.6	109.6	—
Total unit costs.....	105.7	106.9	107.5	108.6	109.8	110.8	111.3	111.7	109.8	109.5	109.4	109.6	—
Unit labor costs.....	106.0	107.8	108.0	109.1	110.2	110.6	110.4	110.3	108.2	107.9	107.5	107.7	—
Unit nonlabor costs.....	104.6	104.5	106.3	107.1	108.9	111.6	113.5	115.5	114.1	114.0	114.5	114.8	—
Unit profits.....	126.0	119.5	118.8	109.5	98.6	93.1	95.4	97.9	107.6	107.6	107.8	104.1	—
Unit nonlabor payments.....	110.1	108.4	109.5	107.7	106.3	106.9	108.9	111.0	112.4	112.4	112.8	112.1	—
Implicit price deflator.....	107.4	108.0	108.5	108.6	108.9	109.3	109.9	110.5	109.6	109.4	109.3	109.1	—
<b>Manufacturing</b>													
Output per hour of all persons.....	132.1	133.6	134.9	135.4	135.9	135.4	135.4	136.4	137.6	140.1	141.5	143.4	143.5
Compensation per hour.....	124.2	131.4	129.3	132.2	131.5	132.0	133.0	133.3	134.3	135.6	137.2	139.1	140.9
Real compensation per hour.....	105.4	110.5	107.9	109.4	108.0	107.4	107.4	107.5	108.3	109.0	109.4	110.3	111.2
Unit labor costs.....	94.0	98.4	95.9	97.7	96.7	97.5	98.2	97.8	97.6	96.8	96.9	97.0	98.2



44. Annual indexes of multifactor productivity and related measures, selected years

[1996 = 100, unless otherwise indicated]

Item	1960	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Private business</b>													
Productivity:													
Output per hour of all persons.....	45.6	63.0	75.8	90.2	91.3	94.8	95.4	96.6	97.3	100.0	102.0	104.8	104.8
Output per unit of capital services.....	110.4	111.1	101.5	99.3	96.1	97.7	98.5	100.3	99.7	100.0	100.5	100.1	100.1
Multifactor productivity.....	65.2	80.0	88.3	95.3	94.4	96.6	97.1	98.1	98.4	100.0	101.1	102.6	102.6
Output.....	27.5	42.0	59.4	83.6	82.6	85.7	88.5	92.8	95.8	100.0	105.2	110.6	110.6
Inputs:													
Labor input.....	54.0	61.0	71.9	89.4	88.3	89.3	91.8	95.6	98.0	100.0	103.7	106.4	106.4
Capital services.....	24.9	37.8	58.6	84.2	86.0	87.7	89.8	92.6	96.0	100.0	104.7	110.4	110.4
Combined units of labor and capital input.....	42.3	52.4	67.3	87.7	87.5	88.8	91.1	94.6	97.3	100.0	104.0	107.7	107.7
Capital per hour of all persons.....	41.3	56.7	74.7	90.8	95.0	97.0	96.8	96.3	97.6	100.0	101.5	104.7	104.7
<b>Private nonfarm business</b>													
Productivity:													
Output per hour of all persons.....	48.7	64.9	77.3	90.3	91.4	94.8	95.3	96.5	97.5	100.0	101.7	104.5	104.5
Output per unit of capital services.....	120.1	118.3	105.7	100.0	96.6	97.9	98.8	100.3	99.9	100.0	100.2	99.8	99.8
Multifactor productivity.....	69.1	82.6	90.5	95.6	94.7	96.6	97.1	98.1	98.6	100.0	100.9	102.4	102.4
Output.....	27.2	41.9	59.6	83.5	82.5	85.5	88.4	92.6	95.8	100.0	105.1	110.6	110.6
Inputs:													
Labor input.....	50.1	59.3	70.7	89.2	88.0	89.0	91.8	95.4	97.8	100.0	103.8	106.6	106.6
Capital services.....	22.6	35.5	56.4	83.5	85.4	87.3	89.5	92.3	95.9	100.0	104.9	110.8	110.8
Combined units of labor and capital input.....	39.3	50.7	65.9	87.3	87.1	88.4	91.0	94.4	97.2	100.0	104.2	108.0	108.0
Capital per hour of all persons.....	40.5	54.8	73.1	90.3	94.7	96.8	96.5	96.3	97.6	100.0	101.5	104.7	104.7
<b>Manufacturing (1992 = 100)</b>													
Productivity:													
Output per hour of all persons.....	41.8	54.2	70.1	92.8	95.0	100.0	101.9	105.0	109.0	112.8	117.1	124.3	124.3
Output per unit of capital services.....	124.3	116.5	100.9	101.6	97.5	100.0	101.1	104.0	105.0	104.5	105.6	106.5	106.5
Multifactor productivity.....	72.7	84.4	86.6	99.3	98.3	100.0	100.4	102.6	105.0	106.1	109.8	113.2	113.2
Output.....	38.5	56.5	75.3	97.3	95.4	100.0	103.3	108.7	113.4	116.9	123.5	130.7	130.7
Inputs:													
Hours of all persons.....	92.0	104.2	107.5	104.8	100.4	100.0	101.4	103.6	104.0	103.7	105.5	105.2	105.2
Capital services.....	30.9	48.5	74.7	95.8	97.9	100.0	102.2	104.5	108.0	111.9	116.9	122.8	122.8
Energy.....	51.3	85.4	92.5	99.9	100.1	100.0	103.7	107.3	109.5	107.0	103.9	109.2	109.2
Nonenergy materials.....	38.2	44.8	75.0	92.5	93.6	100.0	105.7	111.3	112.8	120.4	120.4	127.2	127.2
Purchased business services.....	28.2	48.8	73.7	92.5	92.1	100.0	103.0	105.1	110.0	108.9	114.2	116.8	116.8
Combined units of all factor inputs.....	52.9	67.0	87.0	98.0	97.0	100.0	102.9	106.0	107.9	110.2	112.5	115.5	115.5

45. Annual indexes of productivity, hourly compensation, unit costs, and prices, selected years

[1992 = 100]

Item	1960	1970	1980	1990	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Business</b>													
Output per hour of all persons.....	48.8	67.0	80.4	95.2	101.9	102.6	105.4	107.8	110.6	113.5	116.9	118.2	123.8
Compensation per hour.....	13.7	23.5	54.2	90.7	104.5	106.7	110.1	113.5	119.7	125.2	133.8	137.7	141.8
Real compensation per hour.....	59.8	78.6	89.2	96.3	99.9	99.6	100.1	101.0	105.0	107.6	111.2	111.4	112.8
Unit labor costs.....	28.0	35.1	67.4	95.3	102.6	104.1	104.5	105.3	108.2	110.3	114.4	116.5	111.4
Unit nonlabor payments.....	25.2	31.6	61.5	93.9	106.4	109.4	113.3	117.1	114.5	113.9	112.0	114.7	119.5
Implicit price deflator.....	27.0	33.9	65.2	94.8	104.0	106.0	107.7	109.7	110.6	111.8	1113.5	115.8	116.3
<b>Nonfarm business</b>													
Output per hour of all persons.....	51.9	68.9	82.0	95.3	101.8	102.8	105.4	107.5	110.3	112.9	116.2	117.5	123.1
Compensation per hour.....	14.3	23.7	54.6	90.5	104.3	106.6	109.8	113.1	119.1	124.3	133.0	136.6	140.5
Real compensation per hour.....	62.6	79.2	89.8	96.2	99.7	99.4	99.8	100.6	104.5	106.8	110.6	110.5	111.8
Unit labor costs.....	27.5	34.4	66.5	95.0	102.5	103.7	104.2	105.2	108.0	110.1	114.4	116.3	114.1
Unit nonlabor payments.....	24.6	31.3	60.5	93.6	106.9	110.4	113.5	118.0	115.7	115.5	113.5	116.4	121.6
Implicit price deflator.....	26.5	33.3	64.3	94.5	104.1	106.1	107.6	109.8	110.8	112.1	114.1	116.3	116.8
<b>Nonfinancial corporations</b>													
Output per hour of all employees.....	55.4	70.4	81.1	95.4	103.1	104.2	107.5	108.4	111.7	114.7	118.8	120.5	—
Compensation per hour.....	15.6	25.3	56.4	90.8	104.2	106.2	109.0	110.3	116.0	121.1	129.2	132.5	—
Real compensation per hour.....	68.1	84.4	92.9	96.5	99.6	99.0	99.0	98.1	101.7	104.1	107.4	107.0	—
Total unit costs.....	26.8	34.8	68.4	95.9	101.1	102.0	101.2	101.5	103.3	105.1	108.2	110.9	—
Unit labor costs.....	28.1	35.9	69.6	95.2	101.0	101.9	101.4	101.8	103.8	105.6	108.8	109.9	—
Unit nonlabor costs.....	23.3	31.9	65.1	98.0	101.3	102.2	100.6	100.9	102.2	103.5	106.7	113.7	—
Unit profits.....	50.2	44.4	68.8	94.3	131.7	139.0	152.2	156.9	141.7	131.7	111.6	98.5	—
Unit nonlabor payments.....	30.2	35.1	66.0	97.1	109.0	111.6	113.8	115.2	112.3	110.7	108.0	109.8	—
Implicit price deflator.....	28.8	35.6	68.4	95.8	103.7	105.1	105.5	106.2	106.6	107.3	108.5	109.8	—
<b>Manufacturing</b>													
Output per hour of all persons.....	41.8	54.2	70.1	92.9	105.0	109.0	112.8	117.6	123.3	129.7	134.9	136.0	142.1
Compensation per hour.....	14.9	23.7	55.6	90.8	105.6	107.9	109.4	111.5	117.4	122.1	131.1	133.1	138.2
Real compensation per hour.....	65.0	79.2	91.4	96.4	101.0	100.6	99.4	99.1	103.0	104.9	109.0	107.7	110.0
Unit labor costs.....	35.6	43.8	79.3	97.8	100.7	99.0	96.9	94.8	95.2	94.1	97.2	97.9	97.2
Unit nonlabor payments.....	26.8	29.3	80.2	99.8	102.8	106.9	109.9	110.0	103.7	104.9	107.0	—	—
Implicit price deflator.....	30.2	35.0	79.9	99.0	102.0	103.9	104.8	104.1	100.4	100.7	103.2	—	—

Dash indicates data not available.

## 46. Annual indexes of output per hour for selected 3-digit SIC industries

[1987=100]

Industry	SIC	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Mining</b>												
Copper ores.....	102	102.7	100.5	115.2	118.1	126.0	117.2	116.5	118.9	118.3	110.0	122.6
Gold and silver ores.....	104	122.3	127.4	141.6	159.8	160.8	144.2	138.3	158.5	187.6	197.5	239.9
Bituminous coal and lignite mining.....	122	118.7	122.4	133.0	141.2	148.1	155.9	168.0	176.6	188.0	194.9	207.0
Crude petroleum and natural gas.....	131	97.0	97.9	102.1	105.9	112.4	119.4	123.9	125.2	127.5	134.5	142.5
Crushed and broken stone.....	142	102.2	99.8	105.0	103.6	108.7	105.4	107.2	112.6	110.2	105.0	101.9
<b>Manufacturing</b>												
Meat products.....	201	97.1	99.6	104.6	104.3	101.2	102.3	97.4	102.5	102.3	101.8	102.9
Dairy products.....	202	107.3	108.3	111.4	109.6	111.8	116.4	116.0	119.3	119.3	112.7	113.5
Preserved fruits and vegetables.....	203	95.6	99.2	100.5	106.8	107.6	109.1	109.2	110.7	117.8	120.4	123.5
Grain mill products.....	204	105.4	104.9	107.8	109.2	108.4	115.4	108.0	118.2	126.2	129.3	127.5
Bakery products.....	205	92.7	90.6	93.8	94.4	96.4	97.3	95.6	99.1	100.9	106.4	107.6
Sugar and confectionery products.....	206	103.2	102.0	99.8	104.5	106.2	108.3	113.7	116.7	123.0	127.0	130.5
Fats and oils.....	207	118.1	120.1	114.1	112.6	111.8	120.3	110.1	120.2	137.3	154.4	151.4
Beverages.....	208	117.0	120.0	127.1	126.4	130.1	133.5	135.0	135.5	136.4	129.7	128.6
Miscellaneous food and kindred products.....	209	99.2	101.7	101.5	105.2	100.9	102.9	109.1	104.0	112.4	113.9	116.3
Cigarettes.....	211	113.2	107.6	111.6	106.5	126.6	142.9	147.2	147.2	152.2	137.7	139.1
Broadwoven fabric mills, cotton.....	221	103.1	111.2	110.3	117.8	122.1	134.0	137.3	131.2	136.2	139.3	140.2
Broadwoven fabric mills, manmade.....	222	111.3	116.2	126.2	131.7	142.5	145.3	147.6	162.2	168.6	175.3	167.4
Narrow fabric mills.....	224	96.5	99.6	112.9	111.4	120.1	118.9	126.3	110.8	117.7	124.9	117.1
Knitting mills.....	225	107.5	114.0	119.3	127.9	134.1	138.3	150.3	138.0	135.9	146.6	155.6
Textile finishing, except wool.....	226	83.4	79.9	78.6	79.3	81.2	78.5	79.2	94.3	93.7	94.4	97.2
Carpets and rugs.....	227	93.2	89.2	96.1	97.1	93.3	95.8	100.2	100.3	102.3	96.0	103.0
Yarn and thread mills.....	228	110.2	111.4	119.6	126.6	130.7	137.4	147.4	150.4	153.0	157.6	155.4
Miscellaneous textile goods.....	229	109.2	104.6	106.5	110.4	118.5	123.7	123.1	118.7	120.1	128.0	134.4
Men's and boys' furnishings.....	232	102.1	108.4	109.1	108.4	111.7	123.4	134.7	162.1	174.8	190.9	200.3
Women's and misses' outerwear.....	233	104.1	104.3	109.4	121.8	127.4	135.5	141.6	149.9	151.9	173.9	189.9
Women's and children's undergarments.....	234	102.1	113.7	117.4	124.5	138.0	161.3	174.5	208.9	216.4	294.7	352.3
Hats, caps, and millinery.....	235	89.2	91.1	93.6	87.2	77.7	84.3	82.2	87.1	98.7	99.3	106.1
Miscellaneous apparel and accessories.....	238	90.6	91.8	91.3	94.0	105.5	116.8	120.1	101.5	108.0	105.8	111.3
Miscellaneous fabricated textile products.....	239	99.9	100.7	107.5	108.5	107.8	109.2	105.6	119.2	117.3	128.8	132.5
Sawmills and planing mills.....	242	99.8	102.6	108.1	101.9	103.3	110.2	115.6	116.9	118.7	125.4	124.4
Millwork, plywood, and structural members.....	243	98.0	98.0	99.9	97.0	94.5	92.7	92.4	89.1	91.3	89.2	91.4
Wood containers.....	244	111.2	113.1	109.4	100.1	100.9	106.1	106.7	106.2	106.5	103.9	104.6
Wood buildings and mobile homes.....	245	103.1	103.0	103.1	103.8	98.3	97.0	96.7	100.3	99.2	100.3	94.6
Miscellaneous wood products.....	249	107.7	110.5	114.2	115.3	111.8	115.4	114.4	123.4	131.2	140.7	146.5
Household furniture.....	251	104.5	107.1	110.5	110.6	112.5	116.9	121.6	121.3	125.7	128.9	128.4
Office furniture.....	252	95.0	94.1	102.5	103.2	100.5	101.1	106.4	118.3	113.1	108.9	111.2
Public building and related furniture.....	253	119.8	120.2	140.6	161.0	157.4	173.3	181.5	214.9	207.6	222.4	202.0
Partitions and fixtures.....	254	95.6	93.0	102.7	107.4	98.9	101.2	97.5	121.1	125.6	125.9	131.9
Miscellaneous furniture and fixtures.....	259	103.5	102.1	99.5	103.6	104.7	110.0	113.2	110.7	121.9	119.1	110.5
Pulp mills.....	261	116.7	128.3	137.3	122.5	128.9	131.9	132.6	82.3	86.6	84.8	78.8
Paper mills.....	262	102.3	99.2	103.3	102.4	110.2	118.6	111.6	112.0	114.8	126.2	133.5
Paperboard mills.....	263	100.6	101.4	104.4	108.4	114.9	119.5	118.0	126.7	127.8	134.9	135.3
Paperboard containers and boxes.....	265	101.3	103.4	105.2	107.9	108.4	105.1	106.3	109.7	113.5	111.9	112.9
Miscellaneous converted paper products.....	267	101.4	105.3	105.5	107.9	110.6	113.3	113.6	119.5	123.0	126.0	128.3
Newspapers.....	271	90.6	85.8	81.5	79.4	79.9	79.0	77.4	79.0	83.6	86.0	88.3
Periodicals.....	272	93.9	89.5	92.9	89.5	81.9	87.8	89.1	100.1	112.2	111.2	109.9
Books.....	273	96.6	100.8	97.7	103.5	103.0	101.6	99.3	102.6	100.9	106.1	106.1
Miscellaneous publishing.....	274	92.2	95.9	105.8	104.5	97.5	94.8	93.6	114.5	119.4	127.2	127.8
Commercial printing.....	275	102.5	102.0	108.0	106.9	106.5	107.2	108.3	108.8	109.9	115.0	118.7
Manifold business forms.....	276	93.0	89.1	94.5	91.1	82.0	76.9	75.2	77.9	76.7	70.6	69.4
Greeting cards.....	277	100.6	92.7	96.7	91.4	89.0	92.5	90.8	92.2	104.1	109.3	105.1
Blankbooks and bookbinding.....	278	99.4	96.1	103.6	98.7	105.4	108.7	114.5	114.2	116.5	123.8	126.2
Printing trade services.....	279	99.3	100.6	112.0	115.3	111.0	116.7	126.2	123.3	126.7	121.5	119.6
Industrial inorganic chemicals.....	281	106.8	109.7	109.7	105.6	102.3	109.3	110.1	116.8	145.8	148.5	141.3
Plastics materials and synthetics.....	282	100.9	100.0	107.5	112.0	125.3	128.3	125.3	135.4	142.2	148.6	151.0
Drugs.....	283	103.8	104.5	99.5	99.7	104.6	108.7	112.5	112.4	104.3	105.6	106.2
Soaps, cleaners, and toilet goods.....	284	103.8	105.3	104.4	108.7	111.2	118.6	120.9	126.4	122.7	114.8	124.8
Paints and allied products.....	285	106.3	104.3	102.9	108.8	116.7	118.0	125.6	126.4	126.8	122.7	124.6
Industrial organic chemicals.....	286	101.4	95.8	94.6	92.2	99.9	98.6	99.0	111.3	105.7	120.6	127.8
Agricultural chemicals.....	287	104.7	99.5	99.5	103.8	105.0	108.5	110.0	119.8	118.0	104.6	112.0

See footnotes at end of table.

**46. Continued - Annual indexes of output per hour for selected 3-digit SIC industries**

[1987=100]

Industry	SIC	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Miscellaneous chemical products.....	289	97.3	96.1	101.8	107.1	105.7	107.8	110.1	120.3	120.8	123.3	125.6
Petroleum refining.....	291	109.2	106.6	111.3	120.1	123.8	132.3	142.0	149.2	155.8	170.2	180.2
Asphalt paving and roofing materials.....	295	98.0	94.1	100.4	108.0	104.9	111.2	113.1	123.1	124.7	123.4	126.1
Miscellaneous petroleum and coal products.....	299	94.8	90.6	101.5	104.2	96.3	87.4	87.1	96.5	98.5	86.5	82.9
Tires and inner tubes.....	301	103.0	102.4	107.8	116.5	124.1	131.1	138.8	149.1	144.1	142.1	145.9
Hose and belting and gaskets and packing.....	305	96.1	92.4	97.8	99.7	102.7	104.6	107.4	113.5	112.7	110.6	115.4
Fabricated rubber products, n.e.c.....	306	109.0	109.9	115.2	123.1	119.1	121.5	121.0	125.3	132.3	136.9	144.7
Miscellaneous plastics products, n.e.c.....	308	105.7	108.3	114.4	116.7	120.8	121.0	124.7	129.9	133.8	140.9	145.4
Footwear, except rubber.....	314	101.1	94.4	104.2	105.2	113.0	117.1	126.1	121.4	110.9	132.6	146.2
Flat glass.....	321	84.5	83.6	92.7	97.7	97.6	99.6	101.5	107.6	114.0	129.4	140.4
Glass and glassware, pressed or blown.....	322	104.8	102.3	108.9	108.7	112.9	115.7	121.4	128.3	135.2	139.3	135.8
Products of purchased glass.....	323	92.6	97.7	101.5	106.2	105.9	106.1	122.0	125.1	122.0	130.2	137.2
Cement, hydraulic.....	324	112.4	108.3	115.1	119.9	125.6	124.3	128.7	133.1	134.1	138.6	136.9
Structural clay products.....	325	109.6	109.8	111.4	106.8	114.0	112.6	119.6	111.9	114.8	123.5	124.8
Pottery and related products.....	326	98.7	95.9	99.5	100.3	108.5	109.4	119.4	124.2	127.4	122.0	121.2
Concrete, gypsum, and plaster products.....	327	102.3	101.2	102.5	104.6	101.5	104.5	107.3	107.6	112.8	111.1	105.1
Miscellaneous nonmetallic mineral products.....	329	95.4	94.0	104.3	104.5	106.3	107.8	110.4	114.7	114.9	113.3	116.1
Blast furnace and basic steel products.....	331	109.7	107.8	117.0	133.6	142.4	142.6	147.5	155.0	151.0	155.6	160.1
Iron and steel foundries.....	332	106.1	104.5	107.2	112.1	113.0	112.7	116.2	120.8	121.1	128.9	132.1
Primary nonferrous metals.....	333	102.3	110.7	101.9	107.9	105.3	111.0	110.8	112.0	118.9	117.7	111.9
Nonferrous rolling and drawing.....	335	92.7	91.0	96.0	98.3	101.2	99.2	104.0	111.3	115.7	121.4	118.0
Nonferrous foundries (castings).....	336	104.0	103.6	103.6	108.5	112.1	117.8	122.3	127.0	131.5	129.8	129.7
Miscellaneous primary metal products.....	339	113.7	109.1	114.5	111.3	134.5	152.2	149.6	136.2	140.0	149.0	154.3
Metal cans and shipping containers.....	341	117.6	122.9	127.8	132.3	140.9	144.2	155.2	160.3	163.8	157.9	159.5
Cutlery, handtools, and hardware.....	342	97.3	96.8	100.1	104.0	109.2	111.3	118.2	114.6	115.7	121.9	125.4
Plumbing and heating, except electric.....	343	102.6	102.0	98.4	102.0	109.1	109.2	118.6	127.3	130.5	125.7	132.2
Fabricated structural metal products.....	344	98.8	100.0	103.9	104.8	107.7	105.8	106.5	111.9	112.7	112.8	112.8
Metal forgings and stampings.....	346	95.6	92.9	103.7	108.7	108.5	109.3	113.6	120.2	125.9	128.3	129.8
Metal services, n.e.c.....	347	104.7	99.4	111.6	120.6	123.0	127.7	128.4	124.4	127.3	126.1	135.7
Ordnance and accessories, n.e.c.....	348	82.1	81.5	88.6	84.6	83.6	87.6	87.5	93.7	96.6	91.0	92.8
Miscellaneous fabricated metal products.....	349	97.5	97.4	101.1	102.0	103.2	106.6	108.3	107.7	111.6	109.3	109.2
Engines and turbines.....	351	106.5	105.8	103.3	109.2	122.3	122.7	136.6	136.9	146.1	151.5	164.5
Farm and garden machinery.....	352	116.5	112.9	113.9	118.6	125.0	134.7	137.2	141.2	148.5	128.6	139.6
Construction and related machinery.....	353	107.0	99.1	102.0	108.2	117.7	122.1	123.3	132.5	137.6	133.6	139.8
Metalworking machinery.....	354	101.1	96.4	104.3	107.4	109.9	114.8	114.9	119.2	119.8	123.0	129.8
Special industry machinery.....	355	107.5	108.3	106.0	113.6	121.2	132.3	134.0	131.7	124.5	138.6	172.2
General industrial machinery.....	356	101.5	101.6	101.6	104.8	106.7	109.0	109.4	110.0	111.2	113.1	118.7
Computer and office equipment.....	357	138.1	149.6	195.7	258.6	328.6	469.4	681.3	960.2	1356.6	1862.5	2172.0
Refrigeration and service machinery.....	358	103.6	100.7	104.9	108.6	110.7	112.7	114.7	115.0	121.4	124.0	122.3
Industrial machinery, n.e.c.....	359	107.3	109.0	117.0	118.5	127.4	138.8	141.4	129.3	127.5	135.8	141.8
Electric distribution equipment.....	361	106.3	106.5	119.6	122.2	131.8	143.0	143.9	142.8	147.5	148.9	155.4
Electrical industrial apparatus.....	362	107.7	107.1	117.1	132.9	134.9	150.8	154.3	164.2	162.3	158.3	157.0
Household appliances.....	363	105.8	106.5	115.0	123.4	131.4	127.3	127.4	142.9	150.2	149.5	162.4
Electric lighting and wiring equipment.....	364	99.9	97.5	105.7	107.8	113.4	113.7	116.9	121.8	129.2	132.4	134.8
Communications equipment.....	366	123.8	129.1	154.9	163.1	186.4	200.7	229.5	275.4	284.5	371.9	448.8
Electronic components and accessories.....	367	133.4	154.7	189.3	217.9	274.0	401.5	515.0	613.4	768.6	1062.6	1440.1
Miscellaneous electrical equipment & supplies.....	369	90.6	98.6	101.3	108.2	110.5	114.1	123.1	128.3	135.3	147.2	156.0
Motor vehicles and equipment.....	371	102.4	96.6	104.2	106.2	108.8	106.7	107.2	116.3	125.2	136.7	127.1
Aircraft and parts.....	372	98.9	108.2	112.3	115.2	109.5	107.8	113.1	114.7	140.1	138.1	132.2
Ship and boat building and repairing.....	373	103.7	96.3	102.7	105.9	103.8	98.1	99.3	105.5	102.5	113.1	121.6
Railroad equipment.....	374	141.1	146.9	147.9	151.0	152.5	150.0	148.3	184.2	189.1	212.8	218.4
Motorcycles, bicycles, and parts.....	375	93.8	99.8	108.4	130.9	125.1	120.3	125.5	120.4	127.7	122.4	119.4
Guided missiles, space vehicles, parts.....	376	116.5	110.5	110.5	119.4	114.9	116.9	125.1	133.6	138.9	156.1	113.3
Search and navigation equipment.....	381	112.7	118.9	122.1	129.1	132.1	149.5	142.2	149.5	149.1	149.6	163.7
Measuring and controlling devices.....	382	106.4	113.1	119.9	124.0	133.8	146.4	150.5	142.4	143.5	152.4	158.5
Medical instruments and supplies.....	384	116.9	118.7	123.5	127.3	126.7	131.5	139.8	147.4	158.6	160.4	167.0
Ophthalmic goods.....	385	121.2	125.1	144.5	157.8	160.6	167.2	188.2	196.3	199.0	235.2	250.2
Photographic equipment & supplies.....	386	107.8	110.2	116.4	126.9	132.7	129.5	128.7	121.5	128.0	160.6	169.4
Jewelry, silverware, and plated ware.....	391	99.3	95.8	96.7	96.7	99.5	100.2	102.6	114.2	113.1	134.3	144.9
Musical instruments.....	393	97.1	96.9	96.0	95.6	88.7	86.9	78.8	82.9	81.4	97.1	105.3

See footnotes at end of table.

**46. Continued - Annual indexes of output per hour for selected 3-digit SIC industries**

[1987=100]

Industry	SIC	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Toys and sporting goods.....	394	108.1	109.7	104.9	114.2	109.7	113.6	119.9	125.7	131.6	126.6	140.4
Pens, pencils, office, and art supplies.....	395	118.2	116.8	111.3	111.6	129.9	135.2	144.1	127.5	132.5	123.4	124.9
Costume jewelry and notions.....	396	105.3	106.7	110.8	115.8	129.0	143.7	142.2	118.0	131.2	130.8	145.3
Miscellaneous manufactures.....	399	106.5	109.2	109.5	107.7	106.1	108.1	112.8	109.4	108.5	114.9	115.9
<b>Transportation</b>												
Railroad transportation.....	4011	118.5	127.8	139.6	145.4	150.3	156.2	167.0	169.8	173.3	182.5	195.8
Trucking, except local <sup>1</sup> .....	4213	111.1	116.9	123.4	126.6	129.5	125.4	130.9	132.4	129.9	131.6	131.2
United states postal service <sup>2</sup> .....	431	104.0	103.7	104.5	107.1	106.6	106.5	104.7	108.3	109.8	110.9	113.6
Air transportation.....	4512,13,22(pts.)	92.9	92.5	96.9	100.2	105.7	108.6	111.1	111.6	108.4	109.1	110.7
<b>Utilities</b>												
Telephone communications.....	481	113.3	119.8	127.7	135.5	142.2	148.1	159.5	160.9	170.1	186.3	201.3
Radio and television broadcasting.....	483	104.9	106.1	108.3	106.7	110.1	109.6	105.8	101.7	104.5	108.4	109.9
Cable and other pay TV services.....	484	92.6	87.6	88.5	85.3	83.4	84.5	81.9	84.7	86.1	85.0	87.6
Electric utilities.....	491,3(pts.)	110.1	113.4	115.2	24.1	50.5	80.8	116.8	150.0	159.6	162.0	169.6
Gas utilities.....	492,3(pts.)	105.8	109.6	111.1	121.8	125.6	137.1	145.9	158.6	144.4	147.2	160.6
<b>Trade</b>												
Lumber and other building materials dealers.....	521	104.3	102.3	106.4	111.4	118.9	117.8	121.6	121.8	134.2	143.0	144.2
Paint, glass, and wallpaper stores.....	523	106.8	100.4	107.6	114.2	127.8	130.9	133.5	134.8	163.5	165.1	170.1
Hardware stores.....	525	115.3	108.7	115.2	113.9	121.2	115.6	119.5	119.0	137.9	147.6	145.7
Retail nurseries, lawn and garden supply stores.....	526	84.7	89.3	101.2	107.1	117.0	117.4	136.4	127.5	133.7	150.4	154.5
Department stores.....	531	96.8	102.0	105.4	110.4	113.5	116.1	123.8	129.1	135.8	146.0	160.4
Variety stores.....	533	154.6	159.0	173.9	191.9	197.9	212.4	240.4	260.1	271.2	315.0	330.9
Miscellaneous general merchandise stores.....	539	118.6	124.8	140.4	164.3	164.8	167.4	167.7	170.4	185.9	199.6	224.3
Grocery stores.....	541	96.6	96.3	96.5	96.0	95.4	93.9	92.1	91.7	92.2	95.3	96.1
Meat and fish (seafood) markets.....	542	98.9	90.8	99.2	97.7	95.7	94.4	86.4	90.8	95.7	97.4	110.0
Retail bakeries.....	546	91.2	96.7	96.5	86.5	85.3	83.0	75.9	67.6	68.1	83.1	88.4
New and used car dealers.....	551	106.7	104.9	107.4	108.6	109.7	108.1	109.1	108.8	108.7	111.6	112.5
Auto and home supply stores.....	553	103.7	100.2	101.6	100.8	105.3	109.1	108.2	108.1	113.1	115.5	119.3
Gasoline service stations.....	554	103.0	104.8	110.2	115.9	121.1	127.2	126.1	126.1	133.9	141.7	139.0
Men's and boy's wear stores.....	561	115.6	121.9	122.3	119.5	121.7	121.4	129.8	136.3	145.2	154.5	165.0
Women's clothing stores.....	562	106.6	111.2	123.6	130.0	130.4	139.9	154.2	157.3	176.0	190.2	205.7
Family clothing stores.....	565	107.8	111.5	118.6	121.5	127.7	141.8	146.9	150.2	153.1	155.9	160.4
Shoe stores.....	566	107.9	107.8	115.5	117.3	130.7	139.2	151.9	148.4	145.0	152.9	160.2
Furniture and homefurnishings stores.....	571	104.6	105.4	113.9	113.3	114.7	117.4	123.6	124.2	127.3	134.5	141.1
Household appliance stores.....	572	104.6	107.2	116.1	118.7	122.4	139.6	142.2	155.2	184.2	186.4	209.3
Radio, television, computer, and music stores.....	573	120.8	129.3	139.3	153.8	178.2	198.1	206.6	216.8	258.3	309.1	359.4
Eating and drinking places.....	581	104.5	103.8	103.4	103.8	102.1	102.0	100.6	101.6	102.0	104.0	107.3
Drug and proprietary stores.....	591	106.3	108.0	107.6	109.6	109.9	111.1	113.9	119.8	125.7	129.8	136.9
Liquor stores.....	592	105.9	106.9	109.6	101.8	100.1	104.7	113.8	109.9	116.5	114.5	127.7
Used merchandise stores.....	593	103.0	102.3	115.7	116.7	119.5	120.6	132.6	140.3	163.6	183.2	216.7
Miscellaneous shopping goods stores.....	594	107.4	109.3	107.9	111.7	117.3	123.2	125.3	129.4	138.7	143.7	150.6
Nonstore retailers.....	596	111.1	112.5	126.5	132.2	149.0	152.5	173.5	186.8	208.3	220.6	263.2
Fuel dealers.....	598	84.6	85.3	84.3	91.9	99.0	111.4	112.5	109.1	105.8	115.2	117.3
Retail stores, n.e.c.....	599	114.5	104.0	112.5	118.1	125.8	127.0	140.2	147.8	157.4	162.5	168.1
<b>Finance and services</b>												
Commercial banks.....	602	107.7	110.1	111.0	118.5	121.7	126.4	129.7	133.0	132.6	135.9	143.2
Hotels and motels.....	701	96.2	99.3	108.0	106.5	109.9	110.5	110.0	108.2	108.2	109.9	114.1
Laundry, cleaning, and garment services.....	721	102.3	99.9	99.3	99.9	105.0	106.6	109.8	109.0	116.0	120.8	123.6
Photographic studios, portrait.....	722	98.2	92.1	95.8	101.8	108.3	116.2	110.7	114.1	121.6	107.7	112.0
Beauty shops.....	723	97.5	95.8	100.9	97.0	101.1	104.8	107.6	108.5	110.5	113.4	114.5
Barber shops.....	724	100.7	94.9	113.2	121.9	118.8	115.7	128.8	150.4	157.4	132.8	129.9
Funeral services and crematories.....	726	91.2	89.9	103.8	98.7	104.3	100.2	97.6	101.9	104.2	100.2	93.9
Automotive repair shops.....	753	107.9	100.1	105.1	105.7	114.3	121.6	116.1	117.2	124.9	126.4	128.5
Motion picture theaters.....	783	118.1	118.2	114.8	113.8	110.4	105.0	104.1	103.4	106.1	108.7	112.3

<sup>1</sup> Refers to output per employee.

n.e.c. = not elsewhere classified

<sup>2</sup> Refers to output per full-time equivalent employee year on fiscal basis.

**47. Unemployment rates, approximating U.S. concepts, in nine countries, quarterly data seasonally adjusted**

Country	Annual average		2000				2001			
	2000	2001	I	II	III	IV	I	II	III	IV
United States.....	4.0	4.8	4.0	4.0	4.1	4.0	4.2	4.5	4.8	5.6
Canada.....	6.1	6.4	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.8
Australia.....	6.3	6.7	6.5	6.4	6.1	6.2	6.5	6.9	6.8	6.8
Japan <sup>1</sup> .....	4.8	5.1	4.8	4.7	4.7	4.8	4.8	4.9	5.2	5.5
France <sup>1</sup> .....	9.4	8.7	9.9	9.5	9.3	9.0	8.6	8.5	8.7	8.9
Germany <sup>1</sup> .....	8.1	8.0	8.3	8.1	8.0	7.8	7.9	8.0	8.0	8.1
Italy <sup>1,2</sup> .....	10.7	9.6	11.2	10.9	10.5	10.1	10.0	9.7	9.5	9.3
Sweden <sup>1</sup> .....	5.8	5.0	6.6	6.0	5.6	5.2	5.1	5.0	5.0	5.1
United Kingdom <sup>1</sup> .....	5.5	—	5.8	5.5	5.4	5.3	5.1	5.0	5.1	—

<sup>1</sup> Preliminary for 2001 for Japan, France, Germany, Italy, Sweden, and the United Kingdom.

<sup>2</sup> Quarterly rates are for the first month of the quarter.

NOTE: Quarterly figures for France and Germany are calculated by applying annual adjustment factors to current published data, and therefore should be viewed as less precise indicators of unemployment under U.S. concepts than the annual figures.

See "Notes on the data" for information on breaks in series. For further qualifications and historical data, see *Comparative Civilian Labor Force Statistics, Ten Countries, 1959-2001* (Bureau of Labor Statistics, Mar. 25, 2002), on the Internet at

<http://www.bls.gov/fls/home.htm>

Monthly and quarterly unemployment rates, updated monthly, are also on this site. Dash indicates data not available.

**48. Annual data: Employment status of the working-age population, approximating U.S. concepts, 10 countries**

[Numbers in thousands]

Employment status and country	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Civilian labor force</b>										
United States.....	128,105	129,200	131,056	132,304	133,943	136,297	137,673	139,368	140,863	141,815
Canada.....	14,177	14,308	14,400	14,517	14,669	14,958	15,237	15,536	15,789	16,027
Australia.....	8,557	8,613	8,771	8,995	9,115	9,204	9,339	9,466	9,678	9,817
Japan.....	65,040	65,470	65,780	65,990	66,450	67,200	67,240	67,090	66,990	66,870
France.....	24,570	24,640	24,780	24,830	25,090	25,210	25,520	25,830	25,980	-
Germany.....	39,010	39,100	39,070	38,980	39,140	39,420	39,750	39,800	39,750	-
Italy.....	22,910	22,570	22,450	22,460	22,570	22,680	22,960	23,130	23,340	23,540
Netherlands.....	6,950	7,100	7,190	7,260	7,370	7,530	7,690	7,900	8,050	-
Sweden.....	4,520	4,443	4,418	4,460	4,459	4,418	4,402	4,430	4,489	4,537
United Kingdom.....	28,410	28,430	28,440	28,560	28,720	28,910	29,040	29,300	29,450	-
<b>Participation rate<sup>1</sup></b>										
United States.....	66.4	66.3	66.6	66.6	66.8	67.1	67.1	67.1	67.2	66.9
Canada.....	65.9	65.5	65.2	64.9	64.7	65.0	65.4	65.8	65.9	66.0
Australia.....	63.9	63.5	63.9	64.6	64.6	64.3	64.3	64.2	64.7	64.7
Japan.....	63.4	63.3	63.1	62.9	63.0	63.2	62.8	62.4	62.0	61.6
France.....	55.9	55.8	55.8	55.6	55.8	55.7	56.1	56.4	56.4	-
Germany.....	58.2	57.7	57.4	57.1	57.1	57.3	57.7	57.6	57.5	-
Italy.....	47.5	47.9	47.3	47.1	47.1	47.2	47.6	47.8	48.1	-
Netherlands.....	57.8	58.6	59.0	59.2	59.8	60.8	61.7	62.8	63.5	-
Sweden.....	65.7	64.5	63.7	64.1	64.0	63.3	62.8	62.8	63.8	64.2
United Kingdom.....	63.1	62.8	62.7	62.7	62.8	62.9	62.9	63.2	63.3	-
<b>Employed</b>										
United States.....	118,492	120,259	123,060	124,900	126,708	129,558	131,463	133,488	135,208	135,073
Canada.....	12,672	12,770	13,027	13,271	13,380	13,705	14,068	14,456	14,827	14,997
Australia.....	7,660	7,699	7,942	8,256	8,364	8,444	8,618	8,808	9,068	9,157
Japan.....	63,620	63,810	63,860	63,890	64,200	64,900	64,450	63,920	63,790	63,470
France.....	22,020	21,740	21,720	21,910	21,960	22,090	22,510	22,940	23,530	-
Germany.....	36,390	35,990	35,760	35,780	35,640	35,510	36,060	36,360	36,540	-
Italy.....	21,230	20,270	19,940	19,820	19,920	19,990	20,210	20,460	20,840	21,280
Netherlands.....	6,560	6,630	6,670	6,760	6,900	7,130	7,380	7,640	7,810	-
Sweden.....	4,265	4,028	3,992	4,056	4,019	3,973	4,034	4,117	4,229	4,309
United Kingdom.....	25,530	25,450	25,720	26,070	26,380	26,880	27,210	27,530	27,830	-
<b>Employment-population ratio<sup>2</sup></b>										
United States.....	61.5	61.7	62.5	62.9	63.2	63.8	64.1	64.3	64.5	63.8
Canada.....	58.9	58.5	59.0	59.4	59.1	59.7	60.4	61.3	62.1	61.9
Australia.....	57.2	56.8	57.8	59.2	59.3	59.0	59.3	59.8	60.6	60.3
Japan.....	62.0	61.7	61.3	60.9	60.9	61.0	60.2	59.4	59.0	58.4
France.....	50.1	49.2	48.9	49.0	48.8	48.8	49.5	50.1	51.1	-
Germany.....	54.2	53.2	52.6	52.4	52.0	51.6	52.3	52.6	52.8	-
Italy.....	44.0	43.0	42.0	41.5	41.6	41.6	41.9	42.3	42.9	-
Netherlands.....	54.5	54.7	54.7	55.1	56.0	57.5	59.2	60.8	61.6	-
Sweden.....	62.0	58.5	57.6	58.3	57.7	56.9	57.6	58.4	60.1	61.0
United Kingdom.....	56.7	56.2	56.7	57.2	57.6	58.5	58.9	59.4	59.4	-
<b>Unemployed</b>										
United States.....	9,613	8,940	7,996	7,404	7,236	6,739	6,210	5,880	5,655	6,742
Canada.....	1,505	1,539	1,373	1,246	1,289	1,252	1,169	1,080	962	1,031
Australia.....	897	914	829	739	751	760	721	658	611	661
Japan.....	1,420	1,660	1,920	2,100	2,250	2,300	2,790	3,170	3,200	3,400
France.....	2,550	2,900	3,060	2,920	3,130	3,120	3,020	2,890	2,450	-
Germany.....	2,620	3,110	3,320	3,200	3,510	3,910	3,690	3,440	3,210	-
Italy.....	1,680	2,300	2,510	2,640	2,650	2,690	2,750	2,670	2,500	2,270
Netherlands.....	390	470	520	500	470	400	310	270	240	-
Sweden.....	255	415	426	404	440	445	368	313	260	228
United Kingdom.....	2,880	2,980	2,720	2,490	2,340	2,030	1,830	1,770	1,620	-
<b>Unemployment rate</b>										
United States.....	7.5	6.9	6.1	5.6	5.4	4.9	4.5	4.2	4.0	4.8
Canada.....	10.6	10.8	9.5	8.6	8.8	8.4	7.7	7.0	6.1	6.4
Australia.....	10.5	10.6	9.4	8.2	8.2	8.3	7.7	7.0	6.3	6.7
Japan.....	2.2	2.5	2.9	3.2	3.4	3.4	4.1	4.7	4.8	5.1
France.....	10.4	11.8	12.3	11.8	12.5	12.4	11.8	11.2	9.4	8.7
Germany.....	6.7	8.0	8.5	8.2	9.0	9.9	9.3	8.6	8.1	8.0
Italy.....	7.3	10.2	11.2	11.8	11.7	11.9	12.0	11.5	10.7	9.6
Netherlands.....	5.6	6.6	7.2	6.9	6.4	5.3	4.0	3.4	3.0	-
Sweden.....	5.6	9.3	9.6	9.1	9.9	10.1	8.4	7.1	5.8	5.0
United Kingdom.....	10.1	10.5	9.6	8.7	8.1	7.0	6.3	6.0	5.5	-

<sup>1</sup> Labor force as a percent of the working-age population.

<sup>2</sup> Employment as a percent of the working-age population.

For further qualifications and historical data, see *Comparative Civilian Labor Force Statistics, Ten Countries, 1959-2001* (Bureau of Labor Statistics, Mar. 25, 2002), on the Internet at <http://www.bls.gov/fls/home.htm>

NOTE: See notes on the data for information on breaks in series.

Dash indicates data are not available.

49. Annual indexes of manufacturing productivity and related measures, 12 countries

[1992 = 100]

Item and country	1960	1970	1980	1990	1991	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Output per hour</b>														
United States.....	—	—	70.5	96.9	97.9	102.1	107.3	113.8	117.0	121.3	126.5	135.3	142.9	145.6
Canada.....	37.8	54.9	72.9	93.4	95.3	105.8	110.8	112.4	109.7	113.5	113.1	116.0	118.4	116.1
Japan.....	13.8	37.5	63.2	94.4	99.0	101.7	103.3	111.0	116.1	121.0	121.2	126.9	134.1	128.1
Belgium.....	18.0	32.9	65.4	96.8	99.1	102.5	108.4	113.2	117.0	127.0	129.2	129.5	133.4	134.1
Denmark.....	29.9	52.7	90.4	99.1	99.4	100.8	—	—	—	—	—	—	—	—
France.....	22.0	43.1	66.8	93.8	97.0	100.6	108.2	113.9	114.6	121.9	127.7	132.7	142.5	146.3
Germany.....	29.2	52.0	77.2	99.0	98.3	101.8	109.5	112.2	113.9	119.4	120.3	120.4	127.9	128.2
Italy.....	23.6	44.3	74.2	95.8	95.9	101.4	104.9	108.0	108.1	109.9	110.0	109.9	113.0	115.0
Netherlands.....	18.5	37.9	68.8	98.5	99.6	101.6	113.2	118.2	120.2	122.3	125.0	128.5	133.8	—
Norway.....	37.4	58.8	77.5	97.6	98.2	99.6	99.6	100.7	102.5	102.0	99.9	103.6	104.5	105.3
Sweden.....	27.3	52.2	73.1	94.6	95.5	107.3	119.4	121.9	124.5	132.3	139.5	149.7	158.0	160.4
United Kingdom.....	30.0	43.2	54.3	89.2	93.8	103.9	107.1	104.9	103.8	105.2	107.0	111.6	118.0	119.8
<b>Output</b>														
United States.....	—	—	75.8	101.6	98.3	103.5	111.1	118.4	121.3	127.9	133.1	141.2	147.0	141.3
Canada.....	33.4	58.9	83.6	106.0	99.0	105.9	114.1	119.6	119.6	127.7	132.8	141.0	148.8	143.9
Japan.....	10.7	39.2	60.4	97.1	102.0	96.3	94.9	98.9	103.0	106.5	100.2	101.9	107.6	99.1
Belgium.....	30.7	57.6	78.2	101.0	100.7	97.0	101.4	104.2	106.6	113.8	116.4	118.0	122.2	121.7
Denmark.....	40.8	68.0	91.4	102.8	101.5	95.6	105.6	111.6	106.7	115.2	115.7	115.1	122.9	126.7
France.....	31.0	64.1	88.7	99.1	98.8	95.7	100.3	104.9	104.6	109.7	115.0	118.7	124.1	126.3
Germany.....	41.5	70.9	85.3	99.1	102.3	92.4	95.1	95.2	92.5	95.7	97.2	95.8	101.7	101.8
Italy.....	23.0	48.1	84.4	99.4	99.3	96.5	102.4	107.2	105.4	108.8	110.7	110.5	113.9	114.6
Netherlands.....	31.5	59.1	76.8	99.9	100.4	98.4	104.6	108.1	108.7	111.5	114.8	118.1	123.7	—
Norway.....	57.4	90.6	104.4	100.9	99.0	101.7	104.6	103.3	110.3	114.2	113.7	113.6	110.2	108.9
Sweden.....	45.9	80.7	90.7	110.1	104.1	101.9	117.1	128.4	131.1	138.0	147.6	157.8	168.7	167.4
United Kingdom.....	67.3	90.2	87.2	105.4	100.0	101.4	106.1	107.8	108.5	109.9	110.8	111.1	113.3	110.7
<b>Total hours</b>														
United States.....	92.1	104.4	107.5	104.8	100.4	101.4	103.6	104.0	103.6	105.4	105.2	104.4	102.8	97.1
Canada.....	88.3	107.1	114.6	113.5	103.9	100.1	103.0	106.4	109.0	112.4	117.5	121.5	126.6	123.9
Japan.....	77.8	104.4	95.6	102.9	103.1	94.7	91.9	89.1	88.7	88.0	82.7	80.3	80.2	77.4
Belgium.....	170.7	174.7	119.7	104.3	101.5	94.7	93.6	92.0	91.1	89.6	90.1	91.1	91.7	90.7
Denmark.....	136.5	129.0	101.1	103.7	102.1	94.8	—	—	—	—	—	—	—	—
France.....	140.8	148.5	132.9	105.6	102.9	95.1	92.7	92.1	91.3	90.0	90.0	89.4	87.1	86.3
Germany.....	142.3	136.3	110.5	100.1	104.1	90.8	86.8	84.9	81.2	80.1	80.7	79.6	79.5	78.8
Italy.....	97.6	108.5	113.8	103.7	103.6	95.2	97.6	99.3	97.5	99.0	100.6	100.5	100.7	99.7
Netherlands.....	170.5	156.1	111.7	101.4	100.9	96.8	92.4	91.5	90.4	91.1	91.8	92.0	92.5	—
Norway.....	153.6	153.9	134.7	103.4	100.8	102.1	105.0	106.6	107.6	112.0	113.7	109.6	105.4	103.4
Sweden.....	168.3	154.7	124.0	116.4	109.0	94.9	98.1	105.3	105.3	104.3	105.8	105.4	106.8	104.3
United Kingdom.....	224.6	208.8	160.5	118.1	106.6	97.6	99.1	102.7	104.5	104.5	103.6	99.6	96.0	92.4
<b>Compensation per hour</b>														
United States.....	14.9	23.7	55.6	90.8	95.6	102.7	105.6	107.9	109.4	111.5	117.4	122.1	131.1	133.1
Canada.....	10.0	17.1	47.6	88.3	95.0	102.0	103.7	106.0	107.0	109.3	110.5	112.3	113.9	117.8
Japan.....	4.3	16.4	58.5	90.5	96.4	102.8	104.9	108.3	109.2	112.9	115.8	115.2	114.5	115.0
Belgium.....	5.4	13.7	52.5	90.1	97.3	104.8	106.1	109.2	110.9	114.9	116.6	118.3	121.1	125.9
Denmark.....	4.6	13.3	49.6	92.7	95.9	104.6	—	—	—	—	—	—	—	—
France.....	4.3	10.4	40.9	90.9	96.4	102.6	106.0	110.0	112.1	112.0	112.6	116.3	120.8	126.6
Germany.....	8.1	20.7	53.6	89.4	91.5	106.4	111.7	117.5	122.3	124.7	126.5	129.3	133.5	137.7
Italy.....	1.8	5.3	30.4	87.6	94.2	105.7	106.8	111.3	119.0	123.0	122.2	124.6	127.8	132.6
Netherlands.....	6.4	20.2	64.4	90.9	95.3	103.8	108.2	110.7	113.0	115.8	120.6	124.0	131.0	—
Norway.....	4.7	11.8	39.0	92.3	97.5	101.5	104.4	109.2	113.6	118.7	125.7	133.0	140.0	147.6
Sweden.....	4.1	10.7	37.3	87.8	95.5	97.4	100.0	106.5	114.4	119.4	124.4	129.3	131.8	137.2
United Kingdom.....	3.0	6.1	32.1	82.9	93.8	104.6	106.7	107.9	109.5	113.9	120.5	129.6	135.2	140.4
<b>Unit labor costs: National currency basis</b>														
United States.....	—	—	78.8	93.7	97.6	100.6	98.5	94.8	93.5	91.9	92.8	90.2	91.7	91.4
Canada.....	26.4	31.1	65.2	94.6	99.6	96.4	93.6	94.3	97.5	96.2	97.7	96.8	96.1	101.5
Japan.....	31.3	43.8	92.5	95.9	97.4	101.1	101.5	97.6	94.0	93.3	95.5	90.8	85.4	89.8
Belgium.....	30.1	41.7	80.3	93.0	98.1	102.3	97.9	96.4	94.7	90.5	90.2	91.4	90.8	93.9
Denmark.....	15.4	25.2	54.9	93.5	96.5	103.7	96.2	96.4	103.7	99.7	102.9	105.4	101.8	101.7
France.....	19.4	24.0	61.3	96.9	99.3	101.9	97.9	96.6	97.8	91.9	88.2	87.7	84.8	86.5
Germany.....	27.8	39.8	69.4	90.3	93.1	104.5	102.0	104.7	107.4	104.4	105.2	107.4	104.4	106.6
Italy.....	7.5	11.9	41.0	91.5	98.2	104.3	101.9	103.0	110.0	111.9	111.1	113.4	113.1	115.4
Netherlands.....	34.6	53.3	93.7	92.3	95.6	102.1	95.6	93.7	94.0	94.7	96.5	96.6	97.9	—
Norway.....	12.7	20.1	50.3	94.6	99.2	101.9	104.8	108.4	110.8	116.4	125.7	128.4	134.0	140.1
Sweden.....	15.0	20.6	51.0	92.9	100.0	90.8	83.8	87.4	91.9	90.2	89.2	86.3	83.4	85.5
United Kingdom.....	9.8	14.1	59.0	92.9	100.1	100.8	99.7	102.9	105.5	108.2	112.7	116.2	114.5	117.2
<b>Unit labor costs: U.S. dollar basis</b>														
United States.....	—	—	78.8	93.7	97.6	100.6	98.5	94.8	93.5	91.9	92.8	90.2	91.7	91.4
Canada.....	32.9	36.0	67.4	98.0	105.1	90.3	82.8	83.0	86.4	84.0	79.6	78.8	78.2	79.2
Japan.....	11.0	15.5	51.8	83.8	91.7	115.4	125.9	131.7	109.6	97.7	92.4	101.2	100.4	93.6
Belgium.....	19.4	27.0	88.3	89.5	92.3	95.1	94.2	105.2	98.4	81.2	79.9	77.6	66.8	67.0
Denmark.....	13.4	20.2	58.8	91.2	91.0	96.5	91.4	104.0	108.0	91.0	92.7	91.0	75.9	73.7
France.....	21.0	23.0	76.8	94.1	93.1	95.2	93.4	103.5	101.2	83.3	79.1	75.4	63.2	62.5
Germany.....	10.4	17.1	59.6	87.3	87.5	98.7	98.2	114.2	111.5	94.0	93.3	91.4	76.9	76.2
Italy.....	15.0	23.3	59.0	94.1	97.5	81.6	77.9	77.9	87.9	80.9	78.8	76.9	66.4	65.7
Netherlands.....	16.1	25.9	82.9	89.1	89.9	96.6	92.4	102.7	98.1	85.3	85.5	82.1	72.1	—
Norway.....	11.1	17.5	63.3	94.0	95.0	89.2	92.3	106.4	106.6	102.1	105.3	102.2	94.5	96.8
Sweden.....	16.9	23.1	70.2	91.3	96.3	67.8	63.2	71.3	79.8	68.8	65.3	60.8	53.0	48.2
United Kingdom.....	15.6	19.1	77.7	93.9	100.1	85.6	86.4	91.9	93.2	100.4	105.7	106.4	98.3	95.5

NOTE: Data for Germany for years before 1991 are for the former West Germany. Data for 1991 onward are for unified Germany. Dash indicates data not available.



50. Occupational injury and illness rates by industry, <sup>1</sup> United States

Industry and type of case <sup>2</sup>	Incidence rates per 100 full-time workers <sup>3</sup>											
	1989 <sup>1</sup>	1990	1991	1992	1993 <sup>4</sup>	1994 <sup>4</sup>	1995 <sup>4</sup>	1996 <sup>4</sup>	1997 <sup>4</sup>	1998 <sup>4</sup>	1999 <sup>4</sup>	2000 <sup>4</sup>
<b>PRIVATE SECTOR<sup>5</sup></b>												
Total cases .....	8.6	8.8	8.4	8.9	8.5	8.4	8.1	7.4	7.1	6.7	6.3	6.1
Lost workday cases.....	4.0	4.1	3.9	3.9	3.8	3.8	3.6	3.4	3.3	3.1	3.0	3.0
Lost workdays.....	78.7	84.0	86.5	93.8	-	-	-	-	-	-	-	-
<b>Agriculture, forestry, and fishing<sup>5</sup></b>												
Total cases .....	10.9	11.6	10.8	11.6	11.2	10.0	9.7	8.7	8.4	7.9	7.3	7.1
Lost workday cases.....	5.7	5.9	5.4	5.4	5.0	4.7	4.3	3.9	4.1	3.9	3.4	3.6
Lost workdays.....	100.9	112.2	108.3	126.9	-	-	-	-	-	-	-	-
<b>Mining</b>												
Total cases .....	8.5	8.3	7.4	7.3	6.8	6.3	6.2	5.4	5.9	4.9	4.4	4.7
Lost workday cases.....	4.8	5.0	4.5	4.1	3.9	3.9	3.9	3.2	3.7	2.9	2.7	3.0
Lost workdays.....	137.2	119.5	129.6	204.7	-	-	-	-	-	-	-	-
<b>Construction</b>												
Total cases .....	14.3	14.2	13.0	13.1	12.2	11.8	10.6	9.9	9.5	8.8	8.6	8.3
Lost workday cases.....	6.8	6.7	6.1	5.8	5.5	5.5	4.9	4.5	4.4	4.0	4.2	4.1
Lost workdays.....	143.3	147.9	148.1	161.9	-	-	-	-	-	-	-	-
General building contractors:												
Total cases .....	13.9	13.4	12.0	12.2	11.5	10.9	9.8	9.0	8.5	8.4	8.0	7.8
Lost workday cases.....	6.5	6.4	5.5	5.4	5.1	5.1	4.4	4.0	3.7	3.9	3.7	3.9
Lost workdays.....	137.3	137.6	132.0	142.7	-	-	-	-	-	-	-	-
Heavy construction, except building:												
Total cases .....	13.8	13.8	12.8	12.1	11.1	10.2	9.9	9.0	8.7	8.2	7.8	7.6
Lost workday cases.....	6.5	6.3	6.0	5.4	5.1	5.0	4.8	4.3	4.3	4.1	3.8	3.7
Lost workdays.....	147.1	144.6	160.1	165.8	-	-	-	-	-	-	-	-
Special trades contractors:												
Total cases .....	14.6	14.7	13.5	13.8	12.8	12.5	11.1	10.4	10.0	9.1	8.9	8.6
Lost workday cases.....	6.9	6.9	6.3	6.1	5.8	5.8	5.0	4.8	4.7	4.1	4.4	4.3
Lost workdays.....	144.9	153.1	151.3	168.3	-	-	-	-	-	-	-	-
<b>Manufacturing</b>												
Total cases .....	13.1	13.2	12.7	12.5	12.1	12.2	11.6	10.6	10.3	9.7	9.2	9.0
Lost workday cases.....	5.8	5.8	5.6	5.4	5.3	5.5	5.3	4.9	4.8	4.7	4.6	4.5
Lost workdays.....	113.0	120.7	121.5	124.6	-	-	-	-	-	-	-	-
Durable goods:												
Total cases .....	14.1	14.2	13.6	13.4	13.1	13.5	12.8	11.6	11.3	10.7	10.1	-
Lost workday cases.....	6.0	6.0	5.7	5.5	5.4	5.7	5.6	5.1	5.1	5.0	4.8	-
Lost workdays.....	116.5	123.3	122.9	126.7	-	-	-	-	-	-	-	-
Lumber and wood products:												
Total cases .....	18.4	18.1	16.8	16.3	15.9	15.7	14.9	14.2	13.5	13.2	13.0	12.1
Lost workday cases.....	9.4	8.8	8.3	7.6	7.6	7.7	7.0	6.8	6.5	6.8	6.7	6.1
Lost workdays.....	177.5	172.5	172.0	165.8	-	-	-	-	-	-	-	-
Furniture and fixtures:												
Total cases .....	16.1	16.9	15.9	14.8	14.6	15.0	13.9	12.2	12.0	11.4	11.5	11.2
Lost workday cases.....	7.2	7.8	7.2	6.6	6.5	7.0	6.4	5.4	5.8	5.7	5.9	5.9
Lost workdays.....	-	-	-	128.4	-	-	-	-	-	-	-	-
Stone, clay, and glass products:												
Total cases .....	15.5	15.4	14.8	13.6	13.8	13.2	12.3	12.4	11.8	11.8	10.7	10.4
Lost workday cases.....	7.4	7.3	6.8	6.1	6.3	6.5	5.7	6.0	5.7	6.0	5.4	5.5
Lost workdays.....	149.8	160.5	156.0	152.2	-	-	-	-	-	-	-	-
Primary metal industries:												
Total cases .....	18.7	19.0	17.7	17.5	17.0	16.8	16.5	15.0	15.0	14.0	12.9	12.6
Lost workday cases.....	8.1	8.1	7.4	7.1	7.3	7.2	7.2	6.8	7.2	7.0	6.3	6.3
Lost workdays.....	168.3	180.2	169.1	175.5	-	-	-	-	-	-	-	-
Fabricated metal products:												
Total cases .....	18.5	18.7	17.4	16.8	16.2	16.4	15.8	14.4	14.2	13.9	12.6	11.9
Lost workday cases.....	7.9	7.9	7.1	6.6	6.7	6.7	6.9	6.2	6.4	6.5	6.0	5.5
Lost workdays.....	147.6	155.7	146.6	144.0	-	-	-	-	-	-	-	-
Industrial machinery and equipment:												
Total cases .....	12.1	12.0	11.2	11.1	11.1	11.6	11.2	9.9	10.0	9.5	8.5	8.2
Lost workday cases.....	4.8	4.7	4.4	4.2	4.2	4.4	4.4	4.0	4.1	4.0	3.7	3.6
Lost workdays.....	86.8	88.9	86.6	87.7	-	-	-	-	-	-	-	-
Electronic and other electrical equipment:												
Total cases .....	9.1	9.1	8.6	8.4	8.3	8.3	7.6	6.8	6.6	5.9	5.7	5.7
Lost workday cases.....	3.9	3.8	3.7	3.6	3.5	3.6	3.3	3.1	3.1	2.8	2.8	2.9
Lost workdays.....	77.5	79.4	83.0	81.2	-	-	-	-	-	-	-	-
Transportation equipment:												
Total cases .....	17.7	17.8	18.3	18.7	18.5	19.6	18.6	16.3	15.4	14.6	13.7	13.7
Lost workday cases.....	6.8	6.9	7.0	7.1	7.1	7.8	7.9	7.0	6.6	6.6	6.4	6.3
Lost workdays.....	138.6	153.7	166.1	186.6	-	-	-	-	-	-	-	-
Instruments and related products:												
Total cases .....	5.6	5.9	6.0	5.9	5.6	5.9	5.3	5.1	4.8	4.0	4.0	4.5
Lost workday cases.....	2.5	2.7	2.7	2.7	2.5	2.7	2.4	2.3	2.3	1.9	1.8	2.2
Lost workdays.....	55.4	57.8	64.4	65.3	-	-	-	-	-	-	-	-
Miscellaneous manufacturing industries:												
Total cases .....	11.1	11.3	11.3	10.7	10.0	9.9	9.1	9.5	8.9	8.1	8.4	7.2
Lost workday cases.....	5.1	5.1	5.1	5.0	4.6	4.5	4.3	4.4	4.2	3.9	4.0	3.6
Lost workdays.....	97.6	113.1	104.0	108.2	-	-	-	-	-	-	-	-

See footnotes at end of table.

50. Continued—Occupational injury and illness rates by industry,<sup>1</sup> United States

Industry and type of case <sup>2</sup>	Incidence rates per 100 workers <sup>3</sup>											
	1989 <sup>1</sup>	1990	1991	1992	1993 <sup>4</sup>	1994 <sup>4</sup>	1995 <sup>4</sup>	1996 <sup>4</sup>	1997 <sup>4</sup>	1998 <sup>4</sup>	1999 <sup>4</sup>	2000 <sup>4</sup>
<b>Nondurable goods:</b>												
Total cases .....	11.6	11.7	11.5	11.3	10.7	10.5	9.9	9.2	8.8	8.2	7.8	—
Lost workday cases.....	5.5	5.6	5.5	5.3	5.0	5.1	4.9	4.6	4.4	4.3	4.2	—
Lost workdays.....	107.8	116.9	119.7	121.8	—	—	—	—	—	—	—	—
<b>Food and kindred products:</b>												
Total cases .....	18.5	20.0	19.5	18.8	17.6	17.1	16.3	15.0	14.5	13.6	12.7	12.4
Lost workday cases.....	9.3	9.9	9.9	9.5	8.9	9.2	8.7	8.0	8.0	7.5	7.3	7.3
Lost workdays.....	174.7	202.6	207.2	211.9	—	—	—	—	—	—	—	—
<b>Tobacco products:</b>												
Total cases .....	8.7	7.7	6.4	6.0	5.8	5.3	5.6	6.7	5.9	6.4	5.5	6.2
Lost workday cases.....	3.4	3.2	2.8	2.4	2.3	2.4	2.6	2.8	2.7	3.4	2.2	3.1
Lost workdays.....	64.2	62.3	52.0	42.9	—	—	—	—	—	—	—	—
<b>Textile mill products:</b>												
Total cases .....	10.3	9.6	10.1	9.9	9.7	8.7	8.2	7.8	6.7	7.4	6.4	6.0
Lost workday cases.....	4.2	4.0	4.4	4.2	4.1	4.0	4.1	3.6	3.1	3.4	3.2	3.2
Lost workdays.....	81.4	85.1	88.3	87.1	—	—	—	—	—	—	—	—
<b>Apparel and other textile products:</b>												
Total cases .....	8.6	8.8	9.2	9.5	9.0	8.9	8.2	7.4	7.0	6.2	5.8	6.1
Lost workday cases.....	3.8	3.9	4.2	4.0	3.8	3.9	3.6	3.3	3.1	2.6	2.8	3.0
Lost workdays.....	80.5	92.1	99.9	104.6	—	—	—	—	—	—	—	—
<b>Paper and allied products:</b>												
Total cases .....	12.7	12.1	11.2	11.0	9.9	9.6	8.5	7.9	7.3	7.1	7.0	6.5
Lost workday cases.....	5.8	5.5	5.0	5.0	4.6	4.5	4.2	3.8	3.7	3.7	3.7	3.4
Lost workdays.....	132.9	124.8	122.7	125.9	—	—	—	—	—	—	—	—
<b>Printing and publishing:</b>												
Total cases .....	6.9	6.9	6.7	7.3	6.9	6.7	6.4	6.0	5.7	5.4	5.0	5.1
Lost workday cases.....	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.8	2.7	2.8	2.6	2.6
Lost workdays.....	63.8	69.8	74.5	74.8	—	—	—	—	—	—	—	—
<b>Chemicals and allied products:</b>												
Total cases .....	7.0	6.5	6.4	6.0	5.9	5.7	5.5	4.8	4.8	4.2	4.4	4.2
Lost workday cases.....	3.2	3.1	3.1	2.8	2.7	2.8	2.7	2.4	2.3	2.1	2.3	2.2
Lost workdays.....	63.4	61.6	62.4	64.2	—	—	—	—	—	—	—	—
<b>Petroleum and coal products:</b>												
Total cases .....	6.6	6.6	6.2	5.9	5.2	4.7	4.8	4.6	4.3	3.9	4.1	3.7
Lost workday cases.....	3.3	3.1	2.9	2.8	2.5	2.3	2.4	2.5	2.2	1.8	1.8	1.9
Lost workdays.....	68.1	77.3	68.2	71.2	—	—	—	—	—	—	—	—
<b>Rubber and miscellaneous plastics products:</b>												
Total cases .....	16.2	16.2	15.1	14.5	13.9	14.0	12.9	12.3	11.9	11.2	10.1	10.7
Lost workday cases.....	8.0	7.8	7.2	6.8	6.5	6.7	6.5	6.3	5.8	5.8	5.5	5.8
Lost workdays.....	147.2	151.3	150.9	153.3	—	—	—	—	—	—	—	—
<b>Leather and leather products:</b>												
Total cases .....	13.6	12.1	12.5	12.1	12.1	12.0	11.4	10.7	10.6	9.8	10.3	9.0
Lost workday cases.....	6.5	5.9	5.9	5.4	5.5	5.3	4.8	4.5	4.3	4.5	5.0	4.3
Lost workdays.....	130.4	152.3	140.8	128.5	—	—	—	—	—	—	—	—
<b>Transportation and public utilities</b>												
Total cases .....	9.2	9.6	9.3	9.1	9.5	9.3	9.1	8.7	8.2	7.3	7.3	—
Lost workday cases.....	5.3	5.5	5.4	5.1	5.4	5.5	5.2	5.1	4.8	4.3	4.4	4.3
Lost workdays.....	121.5	134.1	140.0	144.0	—	—	—	—	—	—	—	—
<b>Wholesale and retail trade</b>												
Total cases .....	8.0	7.9	7.6	8.4	8.1	7.9	7.5	6.8	6.7	6.5	6.1	—
Lost workday cases.....	3.6	3.5	3.4	3.5	3.4	3.4	3.2	2.9	3.0	2.8	2.7	—
Lost workdays.....	63.5	65.6	72.0	80.1	—	—	—	—	—	—	—	—
<b>Wholesale trade:</b>												
Total cases .....	7.7	7.4	7.2	7.6	7.8	7.7	7.5	6.6	6.5	6.5	6.3	5.8
Lost workday cases.....	4.0	3.7	3.7	3.6	3.7	3.8	3.6	3.4	3.2	3.3	3.3	—
Lost workdays.....	71.9	71.5	79.2	82.4	—	—	—	—	—	—	—	—
<b>Retail trade:</b>												
Total cases .....	8.1	8.1	7.7	8.7	8.2	7.9	7.5	6.9	6.8	6.5	6.1	—
Lost workday cases.....	3.4	3.4	3.3	3.4	3.3	3.3	3.0	2.8	2.9	2.7	2.5	—
Lost workdays.....	60.0	63.2	69.1	79.2	—	—	—	—	—	—	—	—
<b>Finance, insurance, and real estate</b>												
Total cases .....	2.0	2.4	2.4	2.9	2.9	2.7	2.6	2.4	2.2	.7	1.8	1.9
Lost workday cases.....	.9	1.1	1.1	1.2	1.2	1.1	1.0	.9	.9	.5	.8	.8
Lost workdays.....	17.6	27.3	24.1	32.9	—	—	—	—	—	—	—	—
<b>Services</b>												
Total cases .....	5.5	6.0	6.2	7.1	6.7	6.5	6.4	6.0	5.6	5.2	4.9	4.9
Lost workday cases.....	2.7	2.8	2.8	3.0	2.8	2.8	2.8	2.6	2.5	2.4	2.2	2.2
Lost workdays.....	51.2	56.4	60.0	68.6	—	—	—	—	—	—	—	—

<sup>1</sup> Data for 1989 and subsequent years are based on the *Standard Industrial Classification Manual*, 1987 Edition. For this reason, they are not strictly comparable with data for the years 1985-88, which were based on the *Standard Industrial Classification Manual*, 1972 Edition, 1977 Supplement.

<sup>2</sup> Beginning with the 1992 survey, the annual survey measures only nonfatal injuries and illnesses, while past surveys covered both fatal and nonfatal incidents. To better address fatalities, a basic element of workplace safety, BLS implemented the Census of Fatal Occupational Injuries.

<sup>3</sup> The incidence rates represent the number of injuries and illnesses or lost workdays per 100 full-time workers and were calculated as (N/EH) X 200,000, where:

N = number of injuries and illnesses or lost workdays;  
EH = total hours worked by all employees during the calendar year; and  
200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

<sup>4</sup> Beginning with the 1993 survey, lost workday estimates will not be generated. As of 1992, BLS began generating percent distributions and the median number of days away from work by industry and for groups of workers sustaining similar work disabilities.

<sup>5</sup> Excludes farms with fewer than 11 employees since 1976.

Dash indicates data not available.

**51. Fatal occupational injuries by event or exposure, 1996-2001**

Event or exposure <sup>1</sup>	Fatalities			
	1996-2000	2000 <sup>2</sup>	2001 <sup>3</sup>	
	Average	Number	Number	Percent
Total.....	6,094	5,920	5,900	100
<b>Transportation incidents.....</b>	<b>2,608</b>	<b>2,573</b>	<b>2,517</b>	<b>43</b>
Highway incident.....	1,408	1,365	1,404	24
Collision between vehicles, mobile equipment.....	685	696	723	12
Moving in same direction.....	117	136	142	2
Moving in opposite directions, oncoming.....	247	243	256	4
Moving in intersection.....	151	154	137	2
Vehicle struck stationary object or equipment.....	289	279	295	5
Noncollision incident.....	372	356	339	6
Jackknifed or overturned—no collision.....	298	304	273	5
Nonhighway (farm, industrial premises) incident.....	378	399	324	5
Overturned.....	212	213	157	3
Aircraft.....	263	280	247	4
Worker struck by a vehicle.....	376	370	383	6
Water vehicle incident.....	105	84	90	2
Railway.....	71	71	62	1
<b>Assaults and violent acts.....</b>	<b>1,015</b>	<b>930</b>	<b>902</b>	<b>15</b>
Homicides.....	766	677	639	11
Shooting.....	617	533	505	9
Stabbing.....	68	66	58	1
Other, including bombing.....	80	78	76	1
Self-inflicted injuries.....	216	221	228	4
<b>Contact with objects and equipment.....</b>	<b>1,005</b>	<b>1,006</b>	<b>962</b>	<b>16</b>
Struck by object.....	567	571	553	9
Struck by falling object.....	364	357	343	6
Struck by flying object.....	57	61	60	1
Caught in or compressed by equipment or objects.....	293	294	266	5
Caught in running equipment or machinery.....	157	157	144	2
Caught in or crushed in collapsing materials.....	128	123	122	2
<b>Falls.....</b>	<b>714</b>	<b>734</b>	<b>808</b>	<b>14</b>
Fall to lower level.....	636	659	698	12
Fall from ladder.....	106	110	122	2
Fall from roof.....	153	150	159	3
Fall from scaffold, staging.....	90	85	91	2
Fall on same level.....	55	56	84	1
<b>Exposure to harmful substances or environments.....</b>	<b>535</b>	<b>481</b>	<b>499</b>	<b>8</b>
Contact with electric current.....	290	256	285	5
Contact with overhead power lines.....	132	128	124	2
Contact with temperature extremes.....	40	29	35	1
Exposure to caustic, noxious, or allergenic substances.....	112	100	96	2
Inhalation of substances.....	57	48	49	1
Oxygen deficiency.....	92	94	83	1
Drowning, submersion.....	73	75	59	1
<b>Fires and explosions.....</b>	<b>196</b>	<b>177</b>	<b>188</b>	<b>3</b>
<b>Other events or exposures<sup>4</sup>.....</b>	<b>20</b>	<b>19</b>	<b>24</b>	<b>—</b>

<sup>1</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Structures.

<sup>2</sup> The BLS news release issued Aug. 14, 2001, reported a total of 5,915 fatal work injuries for calendar year 2000. Since then, an additional five job-related fatalities were identified, bringing the total job-related fatality count for 2000 to 5,920.

<sup>3</sup> Total excludes 2,886 work-related fatalities resulting from events of September 11.

<sup>4</sup> Includes the category "Bodily reaction and exertion."  
NOTE: Totals for major categories may include sub-categories not shown separately. Percentages may not add to totals because of rounding. Dash indicates less than 0.5 percent.