

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, 39, and 43. Seasonally adjusted labor force data in tables 1 and 4–9 were revised in the February 1999 issue of the *Review*. Seasonally adjusted establishment survey data shown in tables 1, 12–14 and 16–17 were revised in the July 1998 *Review* and reflect the experience through March 1998. A brief explanation of the seasonal adjustment methodology appears in “Notes on the data.”

Revisions in the productivity data in table 45 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://stats.bls.gov/cpshome.htm>

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

<http://stats.bls.gov/ceshome.htm>

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://stats.bls.gov/iprhome.htm>

For additional information on interna-

tional 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; 4–20)

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 50,000 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.

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 pre-

ceding 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*.

Labor force data in tables 1 and 4–9 are seasonally adjusted. Since January 1980, national labor force data have been seasonally adjusted with a procedure called X-11 ARIMA which was developed at Statistics Canada as an extension of the standard X-11 method previously used by BLS. A detailed description of the procedure appears in the X-11 *ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum (Statistics Canada, Catalogue No. 12-564E, January 1983).

At the beginning of each calendar year, 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.

Revisions in the household survey

Data beginning in 1999 are not strictly comparable with data for 1998 and earlier years because of the introduction of revised population controls. Additional information appears in the February 1999 issue of *Employment and Earnings*.

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 390,000 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 establishment 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 1997 benchmarks, was made with the release of May 1998 data, published in the July 1998 issue of the *Review*. Coincident with the benchmark adjustment, historical seasonally adjusted data were revised to reflect updated seasonal factors and refinement in the seasonal adjustment procedures. Unadjusted data from April 1997 forward and seasonally adjusted data from January 1994 forward are subject to revision in future benchmarks.

Revisions in State data (table 11) occurred with the publication of January 1999 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.

A comprehensive discussion of the differences between household and establishment data on employment appears in Gloria P. Green, "Comparing employment estimates from household and payroll surveys," *Monthly Labor Review*, December 1969, pp. 9–20.

FOR ADDITIONAL INFORMATION on establishment survey data, contact the Division of Monthly Industry 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).

Compensation and Wage Data

(Tables 1–3; 21–27)

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 governments. (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 compensa-

tion, not employment shifts among industries or occupations with different levels of wages and compensation. For the bargaining status, region, and metropolitan/non-metropolitan 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://stats.bls.gov/ecthome.htm>

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 in-

come 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://stats.bls.gov/ebshome.htm>

Work stoppages

Description of the series

Data on work stoppages measure the number and duration of major strikes or lockouts (involving 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 27.

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 work-

ers 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://stats.bls.gov/cbahome.htm>

Price Data

(Tables 2; 28-38)

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 unem-

ployed, 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 29. 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 on consumer prices, contact the Division of Consumer 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 on producer prices, 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 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 (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. Price relatives are assigned equal importance within each harmonized group and are then aggregated to the higher level. The values assigned to each weight category are based on trade value figures compiled by the Bureau of the Census. The trade weights currently used to compute both indexes relate to 1990.

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 the export price indexes, the preferred pricing is f.a.s. (free alongside ship) U.S. port of exportation. When firms report export prices f.o.b. (free on board), production point information is collected which enables the Bureau to calculate a shipment cost to the port of exportation. An attempt is made to collect two prices for imports. The first is the import price f.o.b. at the foreign port of exportation, which is consistent with the basis for valuation of imports in the national accounts. The second is the import price c.i.f. (costs, insur-

ance, and freight) at the U.S. port of importation, which also includes the other costs associated with bringing the product to the U.S. border. It does not, however, include duty charges. For a given product, only one price basis series is used in the construction of an index.

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

Productivity Data

(Tables 2; 39-42)

Business sector 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, non-energy 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 mea-

measures in tables 39–42 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. 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 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.

Notes on the data

The industry measures are compiled from data produced by the Bureau of Labor Statistics, the Departments of Commerce, Interior, and Agriculture, the Federal Reserve Board, regulatory agencies, trade associations, and other sources.

For most industries, the productivity

indexes refer to the output per hour of all employees. For some transportation industries, only indexes of output per employee are prepared. For some trade and service industries, indexes of output per hour of all persons (including self-employed) are constructed.

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

International Comparisons

(Tables 43–45)

Labor force and unemployment

Description of the series

Tables 43 and 44 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.

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 Canada, Australia, Japan, Germany, Italy from 1993 onward, and the Netherlands; and 14 and older in Italy prior to 1993. 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), France (1992), 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*.

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 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 45 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 39 and 41 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 Stan-

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.

Occupational Injury and Illness Data

(Tables 46–47)

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 em-

ployee 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/oshhome.htm>

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 workday 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 re-

lease 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/oshhome.htm>

Bureau of Labor Statistics Internet

The Bureau of Labor Statistics World Wide Web site on the Internet contains a range of data on consumer and producer prices, employment and unemployment, occupational compensation, employee benefits, workplace injuries and illnesses, and productivity. The homepage can be accessed using any Web browser:

<http://stats.bls.gov>.

Also, some data can be accessed through anonymous FTP or Gopher at

stats.bls.gov

1. Labor market indicators

Selected indicators	1997	1998	1997		1998				1999		
			III	IV	I	II	III	IV	I	II	III
Employment data											
Employment status of the civilian noninstitutionalized population (household survey): ¹											
Labor force participation rate.....	67.1	67.1	67.1	67.1	67.2	67.0	67.0	67.1	67.3	67.1	67.0
Employment-population ratio.....	63.8	64.1	63.9	63.9	64.1	64.1	64.0	64.1	64.4	64.2	64.1
Unemployment rate	4.9	4.5	4.9	4.7	4.6	4.4	4.5	4.4	4.3	4.3	4.2
Men	4.9	4.4	4.8	4.7	4.5	4.3	4.5	4.3	4.1	4.1	4.1
16 to 24 years.....	11.8	11.1	11.7	11.5	11.3	10.7	11.5	10.7	10.3	10.5	10.0
25 years and over.....	3.6	3.2	3.5	3.4	3.3	3.1	3.2	3.2	3.0	3.0	3.0
Women	5.0	4.6	5.0	4.7	4.8	4.6	4.6	4.5	4.4	4.4	4.4
16 to 24 years.....	10.7	9.8	10.4	10.1	10.1	9.6	9.9	9.4	9.9	9.0	9.5
25 years and over.....	3.9	3.6	4.0	3.6	3.8	3.6	3.5	3.6	3.4	3.5	3.4
Employment, nonfarm (payroll data), in thousands: ¹											
Total	122,690	125,826	123,006	123,946	124,771	125,462	126,113	126,865	127,640	128,246	128,936
Private sector.....	103,133	106,007	103,422	104,311	105,094	105,707	106,260	106,920	107,596	108,153	108,743
Goods-producing	24,962	25,347	25,008	25,181	25,363	25,393	25,306	25,319	25,310	25,222	25,194
Manufacturing	18,675	18,772	18,698	18,805	18,876	18,851	18,719	18,645	18,542	18,433	18,398
Service-producing	97,727	100,480	97,998	98,765	99,409	100,070	100,807	101,545	102,331	103,024	103,743
Average hours:											
Private sector.....	34.6	34.6	34.6	34.6	34.7	34.6	34.6	34.6	34.6	34.4	34.5
Manufacturing	42.0	41.7	42.0	42.1	42.0	41.7	41.7	41.7	41.6	41.7	41.8
Overtime	4.8	4.6	4.8	4.9	4.8	4.6	4.5	4.5	4.5	4.5	4.7
Employment Cost Index²											
Percent change in the ECI, compensation:											
All workers (excluding farm, household and Federal workers).....	3.3	3.4	1.0	.8	.8	.8	1.2	.6	.4	1.0	1.1
Private industry workers.....	3.4	3.5	.8	.9	.9	.9	1.1	.6	.4	1.1	.9
Goods-producing ³	2.4	2.8	.7	.4	.7	.8	.7	.5	.8	.7	.9
Service-producing ³	3.9	3.8	1.0	1.1	1.0	.8	1.3	.6	.3	1.3	.9
State and local government workers.....	2.3	3.0	1.3	.5	.6	.3	1.5	.6	.5	.4	1.5
Workers by bargaining status (private industry):											
Union	2.1	3.0	1.1	.2	.4	1.0	1.1	.5	.4	.7	.9
Nonunion	3.8	3.5	.8	1.0	1.0	.8	1.1	.6	.5	1.2	.9

¹ Quarterly data seasonally adjusted.

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

³ 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	1997	1998	1997		1998				1999			
			III	IV	I	II	III	IV	I	II	III	
Compensation data^{1,2}												
Employment Cost Index compensation (wages, salaries, benefits):												
Civilian nonfarm.....	3.3	3.4	1.0	0.8	0.8	0.8	1.2	0.6	0.4	1.0	1.1	
Private nonfarm.....	3.4	3.5	.8	.9	.9	.9	1.1	.6	.4	1.1	.9	
Employment Cost Index wages and salaries:												
Civilian nonfarm.....	3.8	3.7	1.2	.9	.9	.7	1.3	.7	.5	1.0	1.1	
Private nonfarm.....	3.9	3.9	1.0	1.0	1.1	.9	1.3	.6	.5	1.2	.9	
Price data¹												
Consumer Price Index (All Urban Consumers): All Items.....	1.7	1.6	.6	.1	.6	.5	.4	.2	.7	.7	1.0	
Producer Price Index:												
Finished goods.....	1.2	.0	.2	.5	.8	.5	.1	.4	.0	1.2	1.6	
Finished consumer goods.....	1.4	.0	.4	.8	1.0	.8	.0	.2	.0	1.8	2.2	
Capital equipment.....	.6	.0	.7	.5	.0	.5	.4	.9	.1	.4	.4	
Intermediate materials, supplies, and components.....	.8	3.3	.2	.8	1.4	.2	.5	1.6	.2	1.9	1.8	
Crude materials.....	11.3	16.7	1.3	.6	8.8	1.8	5.6	2.5	.1	1.9	9.8	
Productivity data³												
Output per hour of all persons:												
Business sector.....	2.2	2.8	3.6	1.2	4.6	.6	3.4	4.3	3.0	.8	4.7	
Nonfarm business sector.....	2.0	2.8	3.3	1.2	4.4	.9	3.1	4.1	2.7	.6	4.9	
Nonfinancial corporations ⁴	3.0	4.0	6.3	2.8	3.7	3.9	5.9	3.2	4.1	3.2	4.7	

¹ 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.

² Excludes Federal and private household workers.

³ Annual rates of change are computed by comparing annual averages. Quarterly per-

cent changes reflect annual rates of change in quarterly indexes. The data are seasonally adjusted.

⁴ Output per hour of all employees.

NOTE: Dash indicates data not available.

3. Alternative measures of wage and compensation changes

Components	Quarterly average						Four quarters ending					
	1998			1999			1998			1999		
	II	III	IV	I	II	III	II	III	IV	I	II	III
Average hourly compensation: ¹												
All persons, business sector.....	5.5	6.1	4.9	4.9	5.1	4.6	5.5	5.8	5.4	5.4	5.3	4.9
All persons, nonfarm business sector.....	5.6	6.2	4.6	4.2	4.8	4.7	5.3	5.7	5.3	5.1	4.9	4.6
Employment Cost Index compensation:												
Civilian nonfarm ².....	.8	1.2	.6	.4	1.0	1.1	3.5	3.7	3.4	3.0	3.2	3.1
Private nonfarm.....	.9	1.1	.6	.4	1.1	.9	3.5	3.8	3.5	3.0	3.3	3.1
Union.....	1.0	1.1	.5	.4	.7	.9	2.7	2.7	3.0	3.0	2.7	2.5
Nonunion.....	.8	1.1	.6	.5	1.2	.9	3.8	4.0	3.5	3.0	3.4	3.2
State and local governments.....	.3	1.5	.6	.5	.4	1.5	2.7	3.0	3.0	2.9	3.0	2.9
Employment Cost Index wages and salaries:												
Civilian nonfarm ².....	.7	1.3	.7	.5	1.0	1.1	3.8	4.0	3.7	3.3	3.6	3.3
Private nonfarm.....	.9	1.3	.6	.5	1.2	.9	4.0	4.3	3.9	3.3	3.6	3.2
Union.....	.8	1.3	.5	.4	.8	.7	3.0	3.2	3.3	3.1	3.1	2.5
Nonunion.....	.9	1.3	.7	.5	1.2	.9	4.1	4.4	4.0	3.3	3.7	3.3
State and local governments.....	.2	1.6	.7	.4	.4	1.9	3.0	3.0	3.1	2.9	3.1	3.3

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

² 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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
TOTAL															
Civilian noninstitutional population ¹	203,133	205,220	206,104	206,270	206,719	206,873	207,036	207,236	207,427	207,632	207,828	208,038	208,265	208,483	208,666
Civilian labor force.....	136,297	137,673	138,193	138,547	139,347	139,271	138,816	139,091	139,019	139,408	139,254	139,264	139,386	139,662	139,827
Participation rate.....	67.1	67.1	67.1	67.2	67.4	67.3	67.0	67.1	67.0	67.1	67.0	66.9	66.9	67.0	67.0
Employed.....	129,558	131,463	132,113	132,526	133,396	133,144	133,033	133,069	133,224	133,432	133,307	133,411	133,550	133,896	134,085
Employment-population ratio ²	63.8	64.1	64.1	64.2	64.5	64.4	64.3	64.2	64.2	64.3	64.1	64.1	64.1	64.2	64.3
Unemployed.....	6,739	6,210	6,080	6,021	5,950	6,127	5,783	6,022	5,795	5,975	5,947	5,853	5,836	5,766	5,743
Unemployment rate.....	4.9	4.5	4.4	4.3	4.3	4.4	4.2	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1
Not in the labor force.....	66,837	67,547	67,911	67,723	67,372	67,602	68,220	68,145	68,408	68,225	68,574	68,774	68,879	68,821	68,839
Men, 20 years and over															
Civilian noninstitutional population ¹	89,879	90,790	91,192	91,220	91,124	91,189	91,215	91,302	91,368	91,487	91,561	91,692	91,793	91,896	91,986
Civilian labor force.....	69,166	69,715	70,023	70,069	70,295	70,174	69,951	69,991	69,932	70,127	70,164	70,179	70,326	70,291	70,398
Participation rate.....	77.0	76.8	76.8	76.8	77.1	77.0	76.7	76.7	76.5	76.7	76.6	76.5	76.6	76.5	76.5
Employed.....	66,284	67,135	67,573	67,553	67,884	67,577	67,713	67,608	67,399	67,633	67,687	67,682	67,950	67,815	68,055
Employment-population ratio ²	73.7	73.9	74.1	74.1	74.5	74.1	74.2	74.0	73.8	73.9	73.9	73.8	74.0	73.8	74.0
Agriculture.....	2,356	2,350	2,374	2,237	2,312	2,212	2,222	2,353	2,212	2,248	2,271	2,242	2,168	2,171	2,268
Nonagricultural industries.....	63,927	64,785	65,199	65,316	65,572	65,365	65,492	65,255	65,186	65,385	65,416	65,440	65,782	65,644	65,787
Unemployed.....	2,882	2,580	2,450	2,516	2,411	2,598	2,238	2,383	2,534	2,494	2,477	2,496	2,376	2,477	2,335
Unemployment rate.....	4.2	3.7	3.5	3.6	3.4	3.7	3.2	3.4	3.6	3.6	3.5	3.6	3.4	3.5	3.3
Women, 20 years and over															
Civilian noninstitutional population ¹	97,889	98,786	99,135	99,181	99,686	99,746	99,833	99,923	100,008	100,131	100,203	100,285	100,385	100,458	100,573
Civilian labor force.....	59,198	59,198	59,896	60,078	60,718	60,622	60,533	60,788	60,729	61,092	60,791	60,908	60,793	60,920	61,037
Participation rate.....	60.5	60.4	60.4	60.6	60.9	60.8	60.6	60.8	60.7	61.0	60.7	60.7	60.6	60.6	60.7
Employed.....	56,613	57,278	57,503	57,745	58,466	58,291	58,183	58,320	58,520	58,719	58,373	58,654	58,572	58,806	58,815
Employment-population ratio ²	57.8	58.0	58.0	58.2	58.7	58.4	58.3	58.4	58.5	58.6	58.3	58.5	58.3	58.5	58.5
Agriculture.....	798	768	734	753	808	839	834	801	831	869	797	764	767	803	752
Nonagricultural industries.....	55,815	56,510	56,769	56,992	57,659	57,452	57,349	57,519	57,689	57,849	57,576	57,890	57,804	58,003	58,063
Unemployed.....	2,585	2,424	2,393	2,333	2,251	2,330	2,350	2,468	2,209	2,373	2,418	2,254	2,222	2,113	2,222
Unemployment rate.....	4.4	4.1	4.0	3.9	3.7	3.8	3.9	4.1	3.6	3.9	4.0	3.7	3.7	3.5	3.6
Both sexes, 16 to 19 years															
Civilian noninstitutional population ¹	15,365	15,644	15,777	15,777	15,909	15,939	15,988	16,011	16,051	16,014	16,065	16,061	16,086	16,129	16,017
Civilian labor force.....	7,932	8,256	8,274	8,400	8,334	8,475	8,331	8,312	8,358	8,189	8,300	8,177	8,267	8,451	8,401
Participation rate.....	51.6	52.8	52.4	52.9	52.4	53.2	52.1	51.9	52.1	51.1	51.7	50.9	51.4	52.4	52.2
Employed.....	6,661	7,051	7,037	7,228	7,046	7,276	7,136	7,141	7,306	7,081	7,247	7,075	7,028	7,275	7,215
Employment-population ratio ²	43.4	45.1	44.6	45.5	44.3	45.7	44.6	44.6	45.5	44.2	45.1	44.0	43.7	45.1	44.8
Agriculture.....	244	261	240	232	179	277	224	230	252	237	225	212	201	229	284
Nonagricultural industries.....	6,417	6,790	6,797	6,996	6,867	6,999	6,912	6,911	7,054	6,843	7,023	6,862	6,827	7,046	6,931
Unemployed.....	1,271	1,205	1,237	1,172	1,288	1,199	1,195	1,171	1,052	1,108	1,053	1,102	1,238	1,176	1,186
Unemployment rate.....	16.0	14.6	15.0	14.0	15.5	14.1	14.3	14.1	12.6	13.5	12.7	13.5	15.0	13.9	14.1
White															
Civilian noninstitutional population ¹	169,993	171,478	172,084	172,197	172,394	172,491	172,597	172,730	172,859	172,999	173,133	173,275	173,432	173,585	173,709
Civilian labor force.....	114,693	115,415	115,687	115,996	116,529	116,610	116,284	116,370	116,254	116,578	116,393	116,602	116,409	116,577	116,622
Participation rate.....	67.5	67.3	67.2	67.4	67.6	67.6	67.4	67.4	67.3	67.4	67.2	67.3	67.1	67.2	67.1
Employed.....	109,856	110,931	111,304	111,560	112,135	112,189	112,144	111,917	111,985	112,092	112,117	112,277	112,210	112,483	112,550
Employment-population ratio ²	64.6	64.7	64.7	64.8	65.0	65.0	65.0	64.8	64.8	64.8	64.8	64.8	64.7	64.8	64.8
Unemployed.....	4,836	4,484	4,383	4,436	4,394	4,420	4,140	4,454	4,269	4,486	4,276	4,325	4,198	4,093	4,072
Unemployment rate.....	4.2	3.9	3.8	3.8	3.8	3.8	3.6	3.8	3.7	3.8	3.7	3.7	3.6	3.5	3.5
Black															
Civilian noninstitutional population ¹	24,003	24,373	24,529	24,529	24,665	24,697	24,729	24,765	24,798	24,833	24,867	24,904	24,946	24,985	25,019
Civilian labor force.....	15,529	15,982	16,201	16,157	16,356	16,242	16,212	16,286	16,303	16,300	16,384	16,279	16,534	16,478	16,533
Participation rate.....	64.7	65.6	66.0	65.8	66.3	65.8	65.6	65.8	65.7	65.6	65.9	65.4	66.3	66.0	66.1
Employed.....	13,969	14,556	14,804	14,884	15,085	14,900	14,904	15,029	15,079	15,103	14,949	15,005	15,154	15,104	15,200
Employment-population ratio ²	58.2	59.7	60.4	60.6	61.2	60.3	60.3	60.7	60.8	60.8	60.1	60.3	60.7	60.5	60.8
Unemployed.....	1,560	1,426	1,397	1,273	1,271	1,342	1,308	1,257	1,224	1,197	1,434	1,274	1,380	1,374	1,333
Unemployment rate.....	10.0	8.9	8.6	7.9	7.8	8.3	8.1	7.7	7.5	7.3	8.8	7.8	8.3	8.3	8.1

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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Hispanic origin															
Civilian noninstitutional population ¹	20,321	21,070	21,349	21,405	21,296	21,355	21,414	21,483	21,548	21,618	21,684	21,752	21,820	21,881	21,947
Civilian labor force.....	13,796	14,317	14,389	14,488	14,511	14,591	14,570	14,543	14,535	14,643	14,592	14,734	14,756	14,797	14,873
Participation rate.....	67.9	67.9	67.4	67.7	68.1	68.3	68.0	67.7	67.5	67.7	67.3	67.7	67.6	67.6	67.8
Employed.....	12,726	13,291	13,345	13,383	13,550	13,610	13,732	13,541	13,558	13,654	13,685	13,776	13,763	13,853	13,973
Employment-population ratio ²	62.6	63.1	62.5	62.5	63.6	63.7	64.1	63.0	62.9	63.2	63.1	63.3	63.1	63.3	63.7
Unemployed.....	1,069	1,026	1,044	1,105	960	980	838	1,002	977	989	907	959	993	944	900
Unemployment rate.....	7.7	7.2	7.3	7.6	6.6	6.7	5.8	6.9	6.7	6.8	6.2	6.5	6.7	6.4	6.0

¹ The population figures are not seasonally adjusted.

data for the "other races" groups are not presented and Hispanics are included in both the white and black population groups.

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

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because

5. Selected employment indicators, monthly data seasonally adjusted

[In thousands]

Selected categories	Annual average		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Characteristic															
Employed, 16 years and over...	129,558	131,463	132,113	132,526	133,396	133,144	133,033	133,069	133,224	133,432	133,307	133,411	133,550	133,896	134,085
Men.....	69,685	70,693	71,182	71,204	71,459	71,276	71,352	71,225	71,198	71,321	71,444	71,332	71,615	71,569	71,719
Women.....	59,873	60,771	60,931	61,322	61,937	61,869	61,680	61,845	62,026	62,112	61,863	62,079	61,935	62,327	62,366
Married men, spouse present.....	42,642	42,923	43,209	43,227	43,542	43,016	43,114	43,190	42,882	43,291	43,353	43,398	43,446	43,158	43,253
Married women, spouse present.....	32,755	32,872	32,953	33,093	33,652	33,092	33,134	33,285	33,487	33,802	33,302	33,458	33,204	33,525	33,617
Women who maintain families.....	7,775	7,904	7,969	8,087	8,076	8,113	8,148	8,050	8,039	7,991	8,289	8,357	8,313	8,424	8,579
Class of worker															
Agriculture:															
Wage and salary workers...	1,890	2,000	2,005	1,912	1,987	1,895	1,893	1,908	1,919	1,911	1,938	1,900	1,929	1,915	2,068
Self-employed workers.....	1,457	1,341	1,304	1,304	1,298	1,381	1,376	1,439	1,348	1,369	1,300	1,262	1,176	1,273	1,201
Unpaid family workers.....	51	38	40	34	30	44	39	31	33	37	47	48	41	43	43
Nonagricultural industries:															
Wage and salary workers...	116,983	119,019	119,718	120,380	121,115	121,066	121,005	120,785	121,168	121,005	121,157	121,163	121,498	121,600	121,954
Government.....	18,131	18,383	18,607	18,686	18,913	18,782	18,699	18,709	18,672	19,110	19,068	19,243	19,131	18,759	18,834
Private industries.....	98,852	100,637	101,111	101,694	102,202	102,283	102,306	102,076	102,496	101,895	102,089	101,920	102,367	102,841	103,120
Private households.....	915	962	969	943	881	849	917	941	910	1,001	943	871	1,039	931	941
Other.....	97,937	99,674	100,142	100,751	101,321	101,434	101,389	101,135	101,586	100,894	101,146	101,049	101,328	101,910	102,179
Self-employed workers.....	9,056	8,962	8,929	8,814	8,830	8,658	8,650	8,813	8,687	8,857	8,837	9,066	8,820	8,879	8,672
Unpaid family workers.....	120	103	112	122	121	114	125	63	60	87	74	91	98	100	112
Persons at work part time¹															
All industries:															
Part time for economic reasons	4,068	3,665	3,340	3,417	3,562	3,426	3,564	3,408	3,422	3,418	3,299	3,248	3,269	3,151	3,249
Slack work or business conditions	2,286	2,095	1,910	1,927	2,093	1,984	2,045	1,920	1,946	2,092	1,983	1,871	1,895	1,926	1,922
Could only find part-time work	1,468	1,258	1,157	1,148	1,115	1,141	1,208	1,124	1,137	1,014	1,044	1,057	1,087	975	1,034
Part time for noneconomic reasons	18,149	18,530	18,634	18,674	18,485	18,642	18,545	18,882	18,632	18,666	19,122	19,359	18,787	18,816	18,573
Nonagricultural industries:															
Part time for economic reasons	3,879	3,501	3,191	3,257	3,413	3,298	3,374	3,224	3,247	3,232	3,130	3,105	3,096	2,958	3,083
Slack work or business conditions.....	2,167	1,997	1,824	1,841	1,989	1,906	1,955	1,831	1,838	1,944	1,846	1,791	1,789	1,800	1,804
Could only find part-time work	1,433	1,228	1,130	1,116	1,094	1,108	1,159	1,092	1,111	1,010	1,028	1,041	1,080	950	1,013
Part time for noneconomic reasons.....	17,564	17,954	18,110	18,155	17,921	18,061	17,944	18,320	18,098	18,016	18,618	18,781	18,288	18,277	18,005

¹ 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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Characteristic															
Total, all workers.....	4.9	4.5	4.4	4.3	4.3	4.4	4.2	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1
Both sexes, 16 to 19 years.....	16.0	14.6	15.0	14.0	15.5	14.1	14.3	14.1	12.6	13.5	12.7	13.5	15.0	13.9	14.1
Men, 20 years and over.....	4.2	3.7	3.5	3.6	3.4	3.7	3.2	3.4	3.6	3.6	3.5	3.6	3.4	3.5	3.3
Women, 20 years and over.....	4.4	4.1	4.0	3.9	3.7	3.8	3.9	4.1	3.6	3.9	4.0	3.7	3.7	3.5	3.6
White, total.....	4.2	3.9	3.8	3.8	3.8	3.8	3.6	3.8	3.7	3.8	3.7	3.7	3.6	3.5	3.5
Both sexes, 16 to 19 years.....	13.6	12.6	13.0	12.6	13.0	11.8	11.9	12.1	11.0	12.1	10.7	11.6	12.7	11.8	12.1
Men, 16 to 19 years.....	14.3	14.1	14.1	14.5	14.1	12.2	12.7	12.6	11.9	11.8	10.9	12.2	13.0	11.6	13.0
Women, 16 to 19 years.....	12.8	10.9	11.6	10.6	11.9	11.4	11.1	11.6	10.1	12.5	10.6	10.9	12.4	12.0	11.1
Men, 20 years and over.....	3.6	3.2	3.1	3.2	3.1	3.3	2.8	3.0	3.2	3.2	3.1	3.3	2.9	2.9	2.8
Women, 20 years and over.....	3.7	3.4	3.4	3.3	3.3	3.2	3.3	3.6	3.2	3.4	3.4	3.2	3.2	3.0	3.1
Black, total.....	10.0	8.9	8.6	7.9	7.8	8.3	8.1	7.7	7.5	7.3	8.8	7.8	8.3	8.3	8.1
Both sexes, 16 to 19 years.....	32.4	27.6	27.5	22.4	29.8	29.2	31.0	28.1	24.1	22.9	26.7	28.6	31.7	31.5	28.9
Men, 16 to 19 years.....	36.5	30.1	33.0	27.3	34.2	31.6	32.9	33.0	26.2	26.7	30.8	29.4	30.6	36.4	31.8
Women, 16 to 19 years.....	28.7	25.3	22.1	17.6	25.0	27.0	29.1	23.5	22.0	19.6	22.9	27.9	32.9	26.5	26.3
Men, 20 years and over.....	8.5	7.4	7.0	6.7	5.9	6.7	5.8	6.1	6.6	6.1	7.4	6.2	7.2	7.9	7.1
Women, 20 years and over.....	8.8	7.9	7.6	7.0	6.6	7.1	7.2	6.8	6.4	6.6	7.9	6.9	6.7	6.1	6.6
Hispanic origin, total.....	7.7	7.2	7.3	7.6	6.6	6.7	5.8	6.9	6.7	6.8	6.2	6.5	6.7	6.4	6.0
Married men, spouse present.....	2.7	2.4	2.2	2.3	2.3	2.4	2.1	2.3	2.4	2.2	2.3	2.3	2.1	2.3	2.1
Married women, spouse present.....	3.1	2.9	2.9	2.8	2.8	2.8	2.7	2.9	2.5	2.7	2.9	2.7	2.6	2.4	2.6
Women who maintain families.....	8.1	7.2	6.9	6.3	6.1	6.5	6.7	7.2	6.0	6.6	6.4	6.4	6.5	6.0	6.0
Full-time workers.....	4.8	4.3	4.2	4.2	4.1	4.3	4.0	4.2	4.0	4.0	4.1	4.1	4.0	4.0	3.9
Part-time workers.....	5.5	5.3	5.4	5.2	5.2	4.9	4.9	4.9	5.1	5.4	4.9	4.5	5.1	4.6	5.0
Industry															
Nonagricultural wage and salary workers.....	5.0	4.6	4.5	4.4	4.3	4.3	4.2	4.4	4.2	4.4	4.4	4.3	4.4	4.2	4.1
Mining.....	3.8	3.2	2.2	4.3	7.4	7.7	5.3	9.3	5.9	4.7	6.4	4.0	7.1	4.3	4.0
Construction.....	9.0	7.5	7.0	6.4	7.3	7.5	6.7	7.4	7.2	7.5	6.7	7.9	6.8	6.7	5.4
Manufacturing.....	4.2	3.9	3.8	4.0	3.5	3.7	3.4	3.3	3.4	3.8	3.5	3.9	4.1	3.7	3.6
Durable goods.....	3.5	3.4	3.2	3.4	3.4	3.3	2.9	3.1	3.3	3.6	3.8	3.7	4.1	3.4	3.6
Nondurable goods.....	5.1	4.7	4.8	4.9	3.8	4.3	4.1	3.7	3.6	4.0	3.0	4.2	3.9	4.2	3.6
Transportation and public utilities.....	3.5	3.4	3.2	3.2	2.5	3.2	2.9	2.8	3.3	2.8	3.6	3.1	2.7	3.2	3.5
Wholesale and retail trade.....	6.2	5.5	5.2	5.5	5.2	5.2	5.4	5.4	5.3	5.4	5.2	4.8	5.2	4.8	5.3
Finance, insurance, and real estate.....	3.0	2.5	2.8	2.8	2.4	2.4	1.9	3.2	2.1	2.3	2.3	2.4	2.2	2.3	2.4
Services.....	4.6	4.5	4.6	4.1	4.1	4.0	4.2	4.1	3.9	4.2	4.5	4.0	4.1	4.0	3.8
Government workers.....	2.6	2.3	2.1	2.0	2.2	2.3	2.1	2.5	2.6	2.4	2.3	2.1	2.0	2.0	2.0
Agricultural wage and salary workers.....	9.1	8.3	7.6	8.3	9.6	11.3	9.5	9.7	10.7	9.6	8.9	9.8	5.3	7.2	8.4
Educational attainment¹															
Less than a high school diploma.....	8.1	7.1	7.1	7.0	7.4	7.5	6.1	6.6	6.7	6.7	6.8	7.1	6.9	6.6	6.5
High school graduates, no college.....	4.3	4.0	3.9	3.8	3.5	3.4	3.4	3.5	3.6	3.9	3.6	3.5	3.6	3.2	3.2
Some college, less than a bachelor's degree.....	3.3	3.0	2.8	2.8	2.9	3.1	2.8	3.0	2.8	2.5	3.1	3.2	2.7	2.7	2.7
College graduates.....	2.0	1.8	1.8	1.8	1.8	1.9	1.9	2.1	1.9	2.0	1.8	1.6	1.6	1.7	1.7

¹ Data refer to persons 25 years and over.

7. Duration of unemployment, monthly data seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	Annual average		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Less than 5 weeks.....	2,538	2,622	2,546	2,614	2,353	2,601	2,478	2,788	2,467	2,529	2,680	2,621	2,589	2,471	2,599
5 to 14 weeks.....	2,138	1,950	1,983	1,839	2,071	1,944	1,891	1,867	1,816	1,736	1,766	1,810	1,831	1,853	1,780
15 weeks and over.....	2,062	1,637	1,611	1,578	1,469	1,550	1,434	1,446	1,523	1,668	1,505	1,449	1,392	1,427	1,386
15 to 26 weeks.....	995	763	752	754	753	766	736	773	794	824	787	745	698	711	722
27 weeks and over.....	1,067	875	859	824	716	784	697	673	729	844	718	704	694	716	664
Mean duration, in weeks.....	15.8	14.5	14.4	14.1	13.4	13.8	13.5	13.1	13.4	14.5	13.6	13.2	12.8	13.2	12.9
Median duration, in weeks.....	8.0	6.7	6.7	6.7	6.9	7.0	6.9	6.1	6.7	6.2	5.7	6.5	5.8	6.4	6.3

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

[Numbers in thousands]

Reason for unemployment	Annual average		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Job losers ¹	3,037	2,822	2,758	2,754	2,696	2,738	2,563	2,700	2,663	2,683	2,740	2,662	2,586	2,490	2,497
On temporary layoff.....	931	866	850	841	864	849	812	838	821	892	850	929	890	781	872
Not on temporary layoff.....	2,106	1,957	1,908	1,913	1,832	1,889	1,751	1,862	1,842	1,791	1,890	1,734	1,696	1,710	1,625
Job leavers.....	795	734	677	709	699	751	780	841	789	864	755	797	737	766	836
Reentrants.....	2,338	2,132	2,130	2,031	1,993	2,110	1,988	2,044	2,040	2,057	2,011	1,896	1,965	1,952	1,918
New entrants.....	569	520	534	504	537	509	431	469	415	349	402	483	537	527	492
Percent of unemployed															
Job losers ¹	45.1	45.5	45.2	45.9	45.5	44.8	44.5	44.6	45.1	45.1	46.4	45.6	44.4	43.4	43.5
On temporary layoff.....	13.8	13.9	13.9	14.0	14.6	13.9	14.1	13.9	13.9	15.0	14.4	15.9	15.3	13.6	15.2
Not on temporary layoff.....	31.3	31.5	31.3	31.9	30.9	30.9	30.4	30.8	31.2	30.1	32.0	29.7	29.1	29.8	28.3
Job leavers.....	11.8	11.8	11.1	11.8	11.8	12.3	13.5	13.9	13.4	14.5	12.8	13.6	12.7	13.4	14.6
Reentrants.....	34.7	34.3	34.9	33.9	33.6	34.5	34.5	33.8	34.5	34.6	34.0	32.5	33.7	34.0	33.4
New entrants.....	8.4	8.4	8.8	8.4	9.1	8.3	7.5	7.7	7.0	5.9	6.8	8.3	9.2	9.2	8.6
Percent of civilian labor force															
Job losers ¹	2.2	2.1	2.0	2.0	1.9	2.0	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.8	1.8
Job leavers.....	.6	.5	.5	.5	.5	.5	.6	.6	.6	.6	.5	.6	.5	.5	.6
Reentrants.....	1.7	1.5	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
New entrants.....	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4

¹ Includes persons who completed temporary jobs.

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

[Civilian workers]

Sex and age	Annual average		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total, 16 years and over.....	4.9	4.5	4.4	4.3	4.3	4.4	4.2	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1
16 to 24 years.....	11.3	10.4	9.9	9.8	10.1	10.2	10.0	10.0	9.4	9.9	9.6	9.6	10.1	10.1	10.1
16 to 19 years.....	16.0	14.6	15.0	14.0	15.5	14.1	14.3	14.1	12.6	13.5	12.7	13.5	15.0	13.9	14.1
16 to 17 years.....	18.2	17.2	18.0	16.9	18.4	15.5	16.6	16.9	15.9	16.1	14.6	15.8	16.3	15.9	16.8
18 to 19 years.....	14.5	12.8	13.0	12.1	13.1	13.1	12.8	12.3	10.6	11.8	11.4	12.1	14.1	12.5	12.4
20 to 24 years.....	8.5	7.9	6.9	7.2	6.9	7.7	7.4	7.6	7.5	7.7	7.7	7.3	7.2	7.8	7.6
25 years and over.....	3.8	3.4	3.3	3.3	3.2	3.3	3.1	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0
25 to 54 years.....	3.9	3.5	3.4	3.4	3.3	3.4	3.1	3.3	3.2	3.3	3.3	3.3	3.2	3.1	3.0
55 years and over.....	3.0	2.7	3.0	3.0	2.9	2.9	2.9	2.9	2.6	3.0	3.0	2.6	2.6	2.7	2.5
Men, 16 years and over.....	4.9	4.4	4.3	4.3	4.2	4.3	3.9	4.1	4.2	4.2	4.1	4.1	4.0	4.1	4.0
16 to 24 years.....	11.8	11.1	10.3	10.8	10.7	10.1	9.9	10.5	10.2	10.7	10.2	9.8	9.9	10.4	10.2
16 to 19 years.....	16.9	16.2	16.5	16.4	16.9	14.6	15.0	14.8	13.3	14.1	13.4	13.5	14.9	14.0	15.1
16 to 17 years.....	19.1	19.1	20.0	19.9	19.7	15.3	16.9	19.2	17.7	16.5	15.4	15.8	16.6	14.9	17.2
18 to 19 years.....	15.4	14.1	14.4	14.0	14.7	14.1	13.6	12.2	10.6	12.8	11.8	12.3	13.4	13.2	14.0
20 to 24 years.....	8.9	8.1	6.6	7.3	7.1	7.5	7.0	8.0	8.3	8.7	8.3	7.6	7.0	8.3	7.3
25 years and over.....	3.6	3.2	3.1	3.2	3.0	3.2	2.7	2.9	3.1	3.0	3.1	3.0	3.0	3.0	2.8
25 to 54 years.....	3.7	3.3	3.1	3.2	3.1	3.3	2.8	2.9	3.1	3.0	2.9	3.2	3.0	3.0	2.9
55 years and over.....	3.1	2.8	3.1	3.1	2.8	3.0	2.6	2.6	2.7	2.6	3.2	2.9	3.0	2.9	2.6
Women, 16 years and over.....	5.0	4.6	4.6	4.3	4.3	4.5	4.5	4.6	4.1	4.4	4.5	4.3	4.4	4.1	4.2
16 to 24 years.....	10.7	9.8	9.5	8.7	9.5	10.2	10.0	9.5	8.6	9.0	8.9	9.4	10.2	9.7	9.9
16 to 19 years.....	15.0	12.9	13.3	11.3	13.9	13.7	13.6	13.4	11.8	12.9	11.9	13.4	15.0	13.8	13.0
16 to 17 years.....	17.2	15.1	15.9	13.8	16.9	15.7	16.2	14.5	13.8	15.7	13.8	15.8	15.9	16.8	16.4
18 to 19 years.....	13.6	11.5	11.4	10.2	11.5	12.1	11.9	12.5	10.6	10.7	11.0	11.9	15.0	11.7	10.7
20 to 24 years.....	8.1	7.8	7.1	7.1	6.7	8.0	7.8	7.1	6.7	6.7	7.1	7.0	7.3	7.2	8.1
25 years and over.....	3.9	3.6	3.6	3.5	3.4	3.3	3.4	3.6	3.2	3.5	3.6	3.3	3.2	3.0	3.1
25 to 54 years.....	4.1	3.8	3.8	3.6	3.5	3.5	3.5	3.7	3.4	3.5	3.7	3.4	3.4	3.1	3.2
55 years and over.....	2.9	2.6	2.9	2.8	3.1	2.7	3.2	3.3	2.6	3.5	2.9	2.3	2.0	2.4	2.5

10. Unemployment rates by State, seasonally adjusted

State	Oct. 1998	Sept. 1999	Oct. 1999 ^P	State	Oct. 1998	Sept. 1999	Oct. 1999 ^P
Alabama.....	4.1	4.7	4.4	Missouri.....	3.7	3.4	2.7
Alaska.....	5.6	5.6	5.7	Montana.....	5.6	5.2	4.9
Arizona.....	4.0	4.0	4.0	Nebraska.....	2.7	2.5	2.5
Arkansas.....	5.6	4.3	4.2	Nevada.....	3.7	4.2	4.4
California.....	5.9	4.9	4.8	New Hampshire.....	2.9	2.1	2.5
Colorado.....	3.8	2.8	3.0	New Jersey.....	4.5	4.6	4.5
Connecticut.....	3.2	2.7	3.0	New Mexico.....	6.4	6.1	6.0
Delaware.....	3.5	2.8	3.2	New York.....	5.4	5.3	5.2
District of Columbia.....	8.5	6.4	5.9	North Carolina.....	3.4	3.1	3.2
Florida.....	4.2	3.9	3.9	North Dakota.....	3.0	2.8	2.8
Georgia.....	4.0	4.0	3.6	Ohio.....	4.2	4.4	4.2
Hawaii.....	6.2	5.4	5.3	Oklahoma.....	4.6	3.2	3.1
Idaho.....	5.0	4.9	5.1	Oregon.....	5.7	5.8	5.5
Illinois.....	4.5	4.4	4.3	Pennsylvania.....	4.5	4.5	4.2
Indiana.....	3.0	2.9	2.7	Rhode Island.....	4.8	3.9	3.7
Iowa.....	2.7	2.4	2.2	South Carolina.....	3.9	4.2	4.4
Kansas.....	3.8	3.4	3.2	South Dakota.....	2.7	2.6	2.7
Kentucky.....	4.4	4.3	4.1	Tennessee.....	4.1	3.5	3.6
Louisiana.....	5.3	5.2	5.5	Texas.....	4.8	4.5	4.6
Maine.....	4.3	3.9	3.9	Utah.....	3.6	3.5	3.4
Maryland.....	4.2	3.3	3.4	Vermont.....	3.3	3.0	2.9
Massachusetts.....	3.2	2.9	3.2	Virginia.....	2.9	2.9	2.8
Michigan.....	3.8	3.4	3.7	Washington.....	4.9	5.0	4.8
Minnesota.....	2.5	2.5	2.2	West Virginia.....	6.4	6.7	6.7
Mississippi.....	5.2	4.8	5.2	Wisconsin.....	3.6	2.6	2.8
				Wyoming.....	4.8	4.6	4.6

^P = preliminary

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

[In thousands]

State	Oct. 1998	Sept. 1999	Oct. 1999 ^P	State	Oct. 1998	Sept. 1999	Oct. 1999 ^P
Alabama.....	1,916.4	1,936.0	1,930.1	Missouri.....	2,702.8	2,693.1	2,709.2
Alaska.....	276.8	277.5	278.3	Montana.....	375.3	381.3	382.9
Arizona.....	2,101.3	2,165.5	2,178.2	Nebraska.....	882.7	881.6	879.8
Arkansas.....	1,129.8	1,141.3	1,143.4	Nevada.....	943.3	982.5	989.8
California.....	13,717.2	14,039.6	14,065.6	New Hampshire.....	590.7	600.4	595.3
Colorado.....	2,073.7	2,106.9	2,114.3	New Jersey.....	3,817.3	3,877.2	3,880.4
Connecticut.....	1,651.4	1,674.3	1,673.8	New Mexico.....	723.9	731.8	732.4
Delaware.....	401.8	412.5	415.3	New York.....	8,280.9	8,420.3	8,443.5
District of Columbia.....	615.3	621.6	620.5	North Carolina.....	3,811.0	3,846.8	3,847.6
Florida.....	6,757.8	6,996.9	7,008.5	North Dakota.....	317.1	316.6	316.6
Georgia.....	3,772.9	3,896.7	3,905.4	Ohio.....	5,497.2	5,521.6	5,526.2
Hawaii.....	530.7	537.3	531.5	Oklahoma.....	1,449.7	1,482.4	1,487.3
Idaho.....	525.9	529.2	532.0	Oregon.....	1,565.7	1,581.2	1,593.1
Illinois.....	5,929.0	5,968.4	5,972.0	Pennsylvania.....	5,508.7	5,543.2	5,546.0
Indiana.....	2,933.8	2,952.0	2,958.8	Rhode Island.....	461.5	467.8	469.2
Iowa.....	1,460.1	1,491.4	1,493.0	South Carolina.....	1,803.2	1,840.5	1,842.0
Kansas.....	1,322.4	1,340.9	1,347.4	South Dakota.....	363.6	364.3	364.4
Kentucky.....	1,763.7	1,793.6	1,798.3	Tennessee.....	2,650.5	2,673.1	2,675.7
Louisiana.....	1,908.2	1,921.3	1,920.8	Texas.....	9,026.8	9,235.4	9,263.1
Maine.....	574.7	586.0	587.8	Utah.....	1,030.6	1,057.4	1,061.0
Maryland.....	2,342.5	2,372.9	2,383.3	Vermont.....	286.1	290.5	292.0
Massachusetts.....	3,189.9	3,232.8	3,233.5	Virginia.....	3,337.8	3,405.7	3,407.0
Michigan.....	4,540.1	4,577.4	4,565.4	Washington.....	2,613.7	2,652.2	2,661.5
Minnesota.....	2,578.4	2,618.2	2,623.3	West Virginia.....	722.6	725.7	724.3
Mississippi.....	1,134.5	1,133.6	1,131.5	Wisconsin.....	2,720.0	2,743.6	2,747.8
				Wyoming.....	227.3	229.5	231.0

^P = preliminary

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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
TOTAL	122,690	125,826	126,841	127,186	127,378	127,730	127,813	128,134	128,162	128,443	128,816	128,945	129,048	129,311	129,545
PRIVATE SECTOR	103,133	106,007	106,893	107,213	107,386	107,676	107,726	108,035	108,085	108,338	108,663	108,735	108,830	109,069	109,272
GOODS-PRODUCING	24,962	25,347	25,298	25,354	25,315	25,329	25,285	25,288	25,199	25,180	25,247	25,148	25,186	25,193	25,246
Mining ¹	596	590	574	570	560	553	550	538	531	526	528	524	527	528	528
Metal mining.....	54	50	50	50	50	50	50	49	49	48	48	47	48	48	49
Oil and gas extraction.....	339	339	325	320	312	306	305	294	287	285	285	285	287	289	288
Nonmetallic minerals, except fuels.....	108	109	109	110	109	109	108	109	109	109	110	109	109	109	109
Construction	5,691	5,985	6,085	6,173	6,170	6,238	6,232	6,277	6,239	6,258	6,270	6,246	6,293	6,313	6,368
General building contractors.....	1,310	1,372	1,394	1,404	1,410	1,426	1,429	1,428	1,427	1,430	1,432	1,426	1,440	1,446	1,452
Heavy construction, except building.....	799	838	850	876	871	869	864	874	854	857	857	852	857	860	868
Special trades contractors.....	3,582	3,744	3,841	3,893	3,889	3,943	3,939	3,975	3,958	3,971	3,981	3,968	3,996	4,007	4,048
Manufacturing	18,675	18,772	18,639	18,611	18,585	18,538	18,503	18,473	18,429	18,396	18,449	18,378	18,366	18,352	18,350
Production workers.....	12,907	12,930	12,808	12,795	12,773	12,730	12,714	12,696	12,662	12,623	12,691	12,622	12,617	12,612	12,613
Durable goods	11,010	11,170	11,092	11,074	11,050	11,027	11,014	10,993	10,971	10,960	11,015	10,975	10,959	10,951	10,945
Production workers.....	7,553	7,643	7,577	7,568	7,548	7,529	7,527	7,519	7,504	7,487	7,549	7,513	7,496	7,493	7,487
Lumber and wood products.....	796	813	820	823	826	827	827	824	824	824	826	826	827	828	830
Furniture and fixtures.....	512	530	532	534	534	535	535	536	537	538	546	543	544	546	543
Stone, clay, and glass products.....	552	563	568	570	569	571	569	570	569	568	571	568	569	567	571
Primary metal industries.....	711	712	700	699	696	695	693	691	689	687	692	688	685	685	687
Fabricated metal products.....	1,479	1,501	1,494	1,493	1,495	1,491	1,490	1,489	1,487	1,485	1,493	1,484	1,486	1,486	1,486
Industrial machinery and equipment.....	2,168	2,203	2,177	2,167	2,148	2,146	2,139	2,132	2,129	2,128	2,131	2,122	2,117	2,116	2,114
Computer and office equipment.....	376	379	373	370	362	362	360	361	362	364	360	359	358	357	354
Electronic and other electrical equipment.....	1,689	1,704	1,673	1,669	1,663	1,659	1,659	1,658	1,658	1,657	1,667	1,662	1,662	1,665	1,663
Electronic components and accessories.....	650	660	643	640	637	636	636	635	635	637	639	641	640	642	641
Transportation equipment.....	1,845	1,884	1,887	1,882	1,884	1,871	1,873	1,864	1,853	1,849	1,863	1,859	1,848	1,840	1,831
Motor vehicles and equipment.....	986	990	996	994	996	989	992	996	996	998	1,014	1,012	1,006	1,002	997
Aircraft and parts.....	501	524	520	518	517	510	511	503	498	491	488	483	476	471	467
Instruments and related products.....	866	868	855	851	849	847	844	842	839	837	840	836	833	830	832
Miscellaneous manufacturing industries.....	392	393	386	386	386	385	385	387	386	387	386	387	388	388	388
Nondurable goods	7,665	7,602	7,547	7,537	7,535	7,511	7,489	7,480	7,458	7,436	7,434	7,403	7,407	7,401	7,405
Production workers.....	5,354	5,287	5,231	5,227	5,225	5,201	5,187	5,177	5,158	5,136	5,142	5,109	5,121	5,119	5,126
Food and kindred products.....	1,685	1,686	1,690	1,693	1,699	1,695	1,693	1,689	1,688	1,680	1,681	1,666	1,679	1,679	1,687
Tobacco products.....	41	41	40	40	40	40	39	38	38	39	39	36	38	39	38
Textile mill products.....	616	598	586	582	579	575	571	567	563	560	559	557	553	550	551
Apparel and other textile products.....	824	763	729	724	718	707	702	698	691	686	679	672	669	665	661
Paper and allied products.....	683	675	666	666	664	664	662	662	661	659	658	658	657	655	656
Printing and publishing.....	1,552	1,565	1,564	1,560	1,561	1,559	1,557	1,555	1,551	1,552	1,554	1,553	1,552	1,552	1,550
Chemicals and allied products.....	1,036	1,043	1,043	1,042	1,041	1,041	1,037	1,038	1,036	1,033	1,032	1,030	1,033	1,032	1,033
Petroleum and coal products.....	141	140	140	140	139	139	139	139	138	137	138	136	137	136	135
Rubber and miscellaneous plastics products.....	996	1,009	1,010	1,012	1,016	1,015	1,014	1,019	1,018	1,016	1,021	1,022	1,017	1,021	1,023
Leather and leather products.....	91	83	79	78	78	76	75	75	74	74	72	73	72	72	71
SERVICE-PRODUCING	97,727	100,480	101,543	101,832	102,063	102,401	102,528	102,846	102,963	103,263	103,569	103,797	103,862	104,118	104,299
Transportation and public utilities	6,408	6,600	6,671	6,684	6,708	6,723	6,732	6,750	6,758	6,781	6,799	6,813	6,831	6,840	6,855
Transportation.....	4,123	4,276	4,335	4,340	4,356	4,367	4,378	4,397	4,402	4,423	4,438	4,445	4,455	4,457	4,472
Railroad transportation.....	227	231	230	231	233	233	235	234	233	233	230	226	227	227	227
Local and interurban passenger transit.....	452	468	474	474	474	475	476	483	480	483	483	488	486	485	485
Trucking and warehousing.....	1,677	1,745	1,770	1,769	1,786	1,789	1,796	1,800	1,802	1,810	1,817	1,817	1,825	1,828	1,838
Water transportation.....	179	180	184	183	182	181	177	180	180	181	182	182	182	182	180
Transportation by air.....	1,134	1,183	1,201	1,205	1,204	1,213	1,218	1,220	1,226	1,234	1,240	1,246	1,250	1,251	1,255
Pipelines, except natural gas.....	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13
Transportation services.....	441	455	462	464	463	462	462	466	468	469	473	473	472	471	474
Communications and public utilities.....	2,285	2,324	2,336	2,344	2,352	2,356	2,354	2,353	2,356	2,358	2,361	2,368	2,376	2,383	2,383
Communications.....	1,419	1,469	1,484	1,492	1,502	1,507	1,506	1,508	1,513	1,513	1,519	1,525	1,533	1,541	1,541
Electric, gas, and sanitary services.....	866	855	852	852	850	849	848	845	843	845	842	843	843	842	842
Wholesale trade	6,648	6,831	6,891	6,901	6,924	6,937	6,947	6,965	6,977	6,993	7,012	7,031	7,041	7,066	7,072
Retail trade	21,966	22,296	22,443	22,525	22,556	22,648	22,611	22,724	22,748	22,796	22,903	22,888	22,862	22,874	22,875
Building materials and garden supplies.....	929	948	961	967	972	979	982	982	979	982	986	988	992	1,002	1,000
General merchandise stores.....	2,701	2,730	2,750	2,758	2,773	2,781	2,794	2,799	2,799	2,782	2,778	2,774	2,762	2,751	2,757
Department stores.....	2,380	2,426	2,447	2,456	2,470	2,475	2,489	2,499	2,486	2,482	2,476	2,468	2,460	2,449	2,451

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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
Food stores.....	3,478	3,482	3,488	3,487	3,481	3,492	3,490	3,492	3,487	3,479	3,478	3,484	3,478	3,475	3,476
Automotive dealers and service stations.....	2,311	2,341	2,361	2,370	2,377	2,390	2,392	2,399	2,400	2,403	2,407	2,409	2,415	2,419	2,422
New and used car dealers.....	1,046	1,048	1,055	1,059	1,061	1,065	1,069	1,074	1,077	1,080	1,085	1,089	1,091	1,092	1,097
Apparel and accessory stores.....	1,109	1,143	1,148	1,147	1,152	1,167	1,167	1,163	1,172	1,178	1,192	1,191	1,189	1,199	1,190
Furniture and home furnishings stores.....	999	1,026	1,042	1,048	1,055	1,064	1,070	1,081	1,084	1,091	1,090	1,094	1,097	1,099	1,093
Eating and drinking places.....	7,646	7,760	7,808	7,857	7,843	7,855	7,785	7,863	7,880	7,911	7,989	7,960	7,932	7,922	7,945
Miscellaneous retail establishments	2,794	2,867	2,885	2,891	2,903	2,920	2,931	2,945	2,962	2,970	2,983	2,988	2,997	3,007	2,992
Finance, insurance, and real estate.....	7,109	7,407	7,520	7,542	7,570	7,581	7,595	7,611	7,621	7,636	7,647	7,650	7,653	7,667	7,675
Finance.....	3,424	3,593	3,651	3,663	3,675	3,681	3,690	3,697	3,706	3,709	3,715	3,716	3,715	3,718	3,723
Depository institutions.....	2,027	2,042	2,044	2,047	2,049	2,051	2,051	2,050	2,047	2,045	2,044	2,046	2,047	2,046	2,044
Commercial banks.....	1,463	1,468	1,466	1,467	1,469	1,470	1,469	1,467	1,465	1,463	1,462	1,464	1,466	1,463	1,461
Savings institutions.....	260	258	258	257	258	258	258	257	256	256	256	255	255	254	254
Nondepository institutions.....	577	658	693	698	705	708	712	716	720	721	721	719	713	710	709
Security and commodity brokers.....	596	645	658	661	663	661	664	668	672	676	682	685	686	691	696
Holding and other investment offices.....	223	248	256	257	258	261	263	263	267	267	268	266	269	271	274
Insurance.....	2,264	2,344	2,375	2,379	2,383	2,386	2,392	2,395	2,399	2,402	2,404	2,407	2,410	2,415	2,413
Insurance carriers.....	1,539	1,598	1,619	1,624	1,627	1,628	1,632	1,631	1,635	1,638	1,635	1,636	1,637	1,641	1,638
Insurance agents, brokers, and service.....	725	746	756	755	756	758	760	764	764	764	769	771	773	774	775
Real estate.....	1,421	1,471	1,494	1,500	1,512	1,514	1,513	1,519	1,516	1,525	1,528	1,527	1,528	1,534	1,539
Services¹	36,040	37,526	38,070	38,207	38,313	38,458	38,556	38,697	38,782	38,952	39,055	39,205	39,257	39,429	39,549
Agricultural services.....	678	706	726	739	747	751	747	755	751	757	760	757	763	766	776
Hotels and other lodging places	1,746	1,776	1,782	1,783	1,785	1,786	1,789	1,791	1,786	1,797	1,807	1,813	1,811	1,807	1,806
Personal services.....	1,186	1,195	1,198	1,202	1,205	1,201	1,200	1,204	1,189	1,200	1,207	1,207	1,210	1,212	1,215
Business services.....	7,988	8,584	8,779	8,829	8,869	8,922	8,963	9,010	9,047	9,088	9,148	9,186	9,204	9,293	9,338
Services to buildings.....	930	950	962	964	971	971	973	978	979	984	992	998	1,000	1,002	1,006
Personnel supply services.....	2,985	3,230	3,267	3,292	3,308	3,331	3,343	3,350	3,366	3,387	3,422	3,418	3,440	3,484	3,494
Help supply services.....	2,656	2,872	2,903	2,922	2,933	2,954	2,967	2,975	2,986	3,000	3,025	3,024	3,032	3,093	3,094
Computer and data processing services.....	1,409	1,599	1,675	1,691	1,708	1,724	1,734	1,749	1,765	1,781	1,794	1,806	1,814	1,821	1,824
Auto repair services and parking.....	1,120	1,144	1,160	1,163	1,168	1,175	1,176	1,178	1,182	1,184	1,185	1,185	1,190	1,197	1,197
Miscellaneous repair services.....	374	382	388	390	392	392	393	396	398	395	395	396	398	400	403
Motion pictures.....	550	573	575	577	573	582	580	587	604	611	609	608	608	611	608
Amusement and recreation services.....	1,552	1,601	1,641	1,647	1,653	1,656	1,660	1,668	1,675	1,695	1,694	1,712	1,713	1,730	1,727
Health services.....	9,703	9,846	9,892	9,899	9,905	9,919	9,932	9,951	9,954	9,964	9,975	9,993	9,999	10,009	10,023
Offices and clinics of medical doctors.....	1,739	1,803	1,831	1,833	1,840	1,844	1,850	1,856	1,860	1,864	1,868	1,874	1,876	1,879	1,880
Nursing and personal care facilities.....	1,756	1,762	1,757	1,756	1,756	1,755	1,754	1,753	1,755	1,755	1,754	1,755	1,756	1,756	1,757
Hospitals.....	3,860	3,926	3,950	3,952	3,954	3,959	3,963	3,966	3,966	3,969	3,968	3,973	3,977	3,979	3,982
Home health care services.....	710	672	651	651	645	651	653	656	653	653	655	658	657	658	659
Legal services.....	944	973	986	988	989	992	995	998	999	1,002	1,000	1,004	1,007	1,009	1,014
Educational services.....	2,104	2,177	2,214	2,223	2,218	2,237	2,243	2,254	2,265	2,272	2,278	2,288	2,289	2,286	2,296
Social services.....	2,518	2,644	2,695	2,708	2,721	2,734	2,744	2,755	2,760	2,778	2,763	2,799	2,803	2,818	2,843
Child day care services.....	576	605	615	618	621	625	627	628	629	633	632	631	631	633	644
Residential care.....	716	747	760	762	765	768	769	772	775	777	781	785	788	793	797
Museums and botanical and zoological gardens.....	90	93	94	94	94	94	95	94	93	94	94	95	94	95	96
Membership organizations.....	2,277	2,361	2,375	2,380	2,385	2,389	2,392	2,392	2,394	2,409	2,403	2,409	2,408	2,409	2,411
Engineering and management services.....	2,988	3,185	3,273	3,292	3,316	3,335	3,354	3,370	3,391	3,411	3,441	3,458	3,464	3,491	3,500
Engineering and architectural services.....	865	905	919	922	926	930	933	939	940	942	948	948	948	955	961
Management and public relations.....	939	1,034	1,081	1,090	1,103	1,111	1,123	1,133	1,143	1,153	1,165	1,178	1,180	1,194	1,196
Government.....	19,557	19,819	19,948	19,973	19,992	20,054	20,087	20,099	20,077	20,105	20,153	20,210	20,218	20,242	20,273
Federal.....	2,699	2,686	2,723	2,701	2,702	2,713	2,710	2,688	2,666	2,664	2,656	2,651	2,654	2,643	2,648
Federal, except Postal Service.....	1,842	1,819	1,843	1,819	1,822	1,834	1,831	1,809	1,788	1,789	1,779	1,779	1,785	1,780	1,777
State.....	4,582	4,612	4,637	4,652	4,644	4,670	4,680	4,688	4,677	4,675	4,682	4,706	4,717	4,726	4,736
Education.....	1,904	1,916	1,923	1,932	1,920	1,941	1,948	1,955	1,941	1,934	1,947	1,965	1,965	1,963	1,972
Other State government.....	2,678	2,695	2,714	2,720	2,724	2,729	2,732	2,733	2,736	2,741	2,735	2,741	2,752	2,763	2,764
Local.....	12,276	12,521	12,588	12,620	12,646	12,671	12,697	12,723	12,734	12,766	12,815	12,853	12,847	12,873	12,889
Education.....	6,918	7,082	7,132	7,148	7,165	7,181	7,200	7,206	7,225	7,239	7,268	7,308	7,295	7,306	7,314
Other local government.....	5,357	5,440	5,456	5,472	5,481	5,490	5,497	5,517	5,509	5,527	5,547	5,545	5,552	5,567	5,575

¹ Includes other industries not shown separately.

^P = 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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
PRIVATE SECTOR.	34.6	34.6	34.6	34.6	34.6	34.6	34.5	34.4	34.4	34.5	34.5	34.5	34.4	34.5	34.6
GOODS-PRODUCING	41.3	41.0	41.0	41.1	41.1	41.0	40.8	40.9	41.0	41.2	41.2	41.1	41.1	41.1	41.3
MINING	45.4	43.9	43.3	43.3	42.9	43.0	42.9	43.8	44.1	44.0	45.1	44.2	44.3	44.1	44.0
MANUFACTURING	42.0	41.7	41.7	41.7	41.6	41.6	41.5	41.6	41.7	41.7	41.9	41.8	41.8	41.8	41.7
Overtime hours.....	4.8	4.6	4.5	4.5	4.5	4.5	4.5	4.3	4.6	4.7	4.7	4.7	4.7	4.7	4.7
Durable goods..	42.8	42.3	42.3	42.2	42.2	42.2	42.0	42.1	42.2	42.3	42.5	42.4	42.4	42.3	42.1
Overtime hours.....	5.1	4.8	4.6	4.6	4.6	4.6	4.6	4.3	4.7	4.8	4.9	4.9	4.9	4.8	4.7
Lumber and wood products.....	41.0	41.1	41.2	41.5	41.7	41.1	41.2	41.2	41.2	41.1	41.1	41.3	41.1	41.0	41.0
Furniture and fixtures.....	40.2	40.6	40.3	40.2	40.4	40.3	40.3	40.4	40.4	40.4	40.6	40.3	40.4	40.1	39.9
Stone, clay, and glass products.....	43.2	43.5	43.6	43.8	43.8	43.4	42.9	43.1	43.4	43.4	43.6	43.6	43.6	43.4	44.0
Primary metal industries.....	44.9	44.2	43.8	43.7	43.7	43.8	43.9	44.0	44.3	44.3	44.5	44.4	44.4	44.4	44.4
Blast furnaces and basic steel products.....	44.9	44.6	43.7	43.3	43.8	43.8	43.9	44.5	44.8	45.2	45.2	45.1	45.0	45.1	45.3
Fabricated metal products	42.6	42.3	42.2	42.2	42.1	42.1	42.1	41.8	42.1	42.1	42.3	42.4	42.3	42.2	42.1
Industrial machinery and equipment.....	43.6	42.8	42.4	42.1	42.1	42.1	41.9	41.9	42.1	42.0	42.4	42.4	42.4	42.4	42.1
Electronic and other electrical equipment.....	42.0	41.4	41.4	41.1	41.2	41.2	41.0	41.1	41.5	41.5	41.7	41.7	41.6	41.5	41.5
Transportation equipment.....	44.5	43.4	44.1	44.1	43.5	44.0	43.7	44.0	43.5	44.2	44.4	44.0	44.0	43.7	43.0
Motor vehicles and equipment.....	45.0	43.5	44.6	44.9	44.3	45.0	44.7	45.1	44.4	45.4	46.0	45.2	45.2	45.0	43.8
Instruments and related products.....	42.0	41.3	41.1	41.1	41.2	41.3	41.2	41.6	41.6	41.5	41.7	41.6	41.6	41.5	41.5
Miscellaneous manufacturing.....	40.4	39.9	39.4	39.6	39.6	39.7	39.8	39.6	40.2	40.0	40.1	40.1	40.0	39.8	39.5
Nondurable goods.....	40.9	40.9	40.8	40.9	40.8	40.8	40.8	40.9	41.0	41.0	41.1	40.9	40.9	41.0	41.0
Overtime hours.....	4.4	4.3	4.3	4.3	4.4	4.3	4.4	4.2	4.4	4.5	4.5	4.4	4.4	4.5	4.5
Food and kindred products.....	41.3	41.7	41.7	42.0	41.8	41.7	41.7	41.9	41.8	41.8	42.0	41.6	41.7	42.0	41.9
Textile mill products.....	41.4	41.0	40.8	40.8	40.8	40.6	40.4	41.0	41.0	40.6	41.3	40.9	40.8	41.2	41.2
Apparel and other textile products.....	37.3	37.3	37.3	37.3	37.0	37.5	37.4	37.5	37.8	37.7	37.5	37.3	37.5	37.4	37.3
Paper and allied products.....	43.7	43.4	43.5	43.4	43.5	43.5	43.7	43.6	43.5	43.5	43.5	43.7	43.5	43.6	43.6
Printing and publishing.....	38.5	38.3	38.1	38.1	38.2	38.1	37.9	38.1	38.3	38.3	38.4	38.3	38.3	38.4	38.3
Chemicals and allied products.....	43.2	43.2	42.9	42.7	42.9	42.8	42.8	43.0	43.0	43.0	43.1	43.3	43.2	43.0	43.1
Rubber and miscellaneous plastics products.....	41.8	41.7	41.6	41.7	41.4	41.7	41.8	41.5	41.9	41.8	41.7	41.6	41.7	41.5	41.6
Leather and leather products.....	38.4	37.6	37.4	37.5	37.3	37.7	37.7	38.1	38.4	37.9	37.9	38.2	37.2	37.6	38.1
SERVICE-PRODUCING	32.9	32.9	32.9	32.9	32.9	33.0	32.8	32.8	32.8	32.8	32.9	32.9	32.8	32.9	32.9
TRANSPORTATION AND PUBLIC UTILITIES.....	39.7	39.5	39.2	39.1	39.3	39.2	39.1	39.0	38.8	38.9	38.7	38.9	38.6	38.5	38.4
WHOLESALE TRADE.....	38.4	38.4	38.4	38.4	38.4	38.5	38.4	38.4	38.3	38.4	38.4	38.4	38.5	38.6	38.5
RETAIL TRADE.....	28.9	29.0	29.0	29.0	29.0	29.2	29.0	29.0	29.1	29.1	29.1	29.0	28.8	29.0	29.0

^P = 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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
PRIVATE SECTOR (in current dollars)..	\$ 12.28	\$ 12.78	\$12.94	\$12.98	\$13.04	\$13.06	\$13.11	\$13.14	\$13.18	\$13.24	\$13.28	\$13.29	\$13.35	\$13.39	\$13.41
Goods-producing	13.92	14.34	14.47	14.51	14.53	14.56	14.61	14.67	14.75	14.85	14.90	14.90	14.93	14.97	14.98
Mining.....	16.15	16.90	17.27	17.18	17.07	16.97	17.00	16.87	17.05	16.96	17.23	17.12	17.09	17.11	16.97
Construction.....	16.04	16.59	16.76	16.80	16.80	16.83	16.92	16.97	17.08	17.16	17.18	17.15	17.21	17.27	17.30
Manufacturing.....	13.17	13.49	13.58	13.60	13.64	13.67	13.71	13.79	13.85	13.95	14.02	14.03	14.04	14.06	14.04
Excluding overtime.....	12.45	12.79	12.88	12.90	12.93	12.97	13.00	13.09	13.13	13.20	13.26	13.28	13.29	13.32	13.30
Service-producing.....	11.73	12.27	12.45	12.49	12.56	12.58	12.63	12.65	12.68	12.73	12.77	12.79	12.85	12.89	12.91
Transportation and public utilities.....	14.92	15.31	15.41	15.47	15.49	15.51	15.53	15.60	15.65	15.65	15.70	15.70	15.76	15.75	15.75
Wholesale trade.....	13.45	14.06	14.27	14.30	14.36	14.36	14.42	14.44	14.48	14.56	14.61	14.63	14.74	14.80	14.83
Retail trade.....	8.33	8.73	8.85	8.89	8.93	8.95	8.98	9.03	9.04	9.06	9.10	9.13	9.15	9.19	9.21
Finance, insurance, and real estate....	13.34	14.06	14.32	14.40	14.46	14.49	14.51	14.58	14.60	14.62	14.68	14.63	14.70	14.72	14.76
Services.....	12.28	12.85	13.05	13.08	13.17	13.22	13.27	13.28	13.33	13.38	13.42	13.44	13.49	13.55	13.57
PRIVATE SECTOR (in constant (1982) dollars).....	7.55	7.75	7.80	7.81	7.83	7.84	7.86	7.83	7.85	7.89	7.88	7.87	7.86	7.87	7.87

Data not available.

^P = preliminary.

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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
PRIVATE SECTOR	\$12.28	\$12.78	\$13.00	\$13.00	\$13.11	\$13.10	\$13.12	\$13.16	\$13.19	\$13.14	\$13.15	\$13.20	\$13.38	\$13.41	\$13.44
MINING	16.15	16.90	17.29	17.29	17.23	17.08	17.01	16.93	17.00	16.93	17.12	17.01	17.10	17.02	16.99
CONSTRUCTION..	16.04	16.59	16.82	16.87	16.74	16.66	16.79	16.85	17.02	17.08	17.22	17.26	17.41	17.49	17.36
MANUFACTURING	13.17	13.49	13.60	13.69	13.66	13.66	13.73	13.80	13.85	13.91	13.92	13.95	14.11	14.03	14.06
Durable goods	13.73	13.98	14.07	14.16	14.11	14.12	14.20	14.27	14.34	14.40	14.38	14.47	14.63	14.54	14.54
Lumber and wood products.....	10.76	11.10	11.24	11.33	11.28	11.26	11.31	11.37	11.42	11.45	11.52	11.53	11.55	11.57	11.59
Furniture and fixtures.....	10.55	10.90	10.99	11.10	11.10	11.06	11.10	11.14	11.14	11.16	11.24	11.28	11.33	11.33	11.34
Stone, clay, and glass products.....	13.18	13.60	13.65	13.70	13.66	13.64	13.70	13.75	13.87	13.94	14.00	13.97	14.12	14.01	14.03
Primary metal industries.....	15.22	15.49	15.35	15.36	15.39	15.41	15.53	15.62	15.75	15.91	16.03	15.99	16.20	16.02	16.13
Blast furnaces and basic steel products.....	18.03	18.43	18.32	18.18	18.41	18.50	18.56	18.59	18.79	19.05	19.12	18.99	19.05	18.96	19.22
Fabricated metal products.....	12.78	13.06	13.21	13.34	13.29	13.29	13.33	13.36	13.45	13.46	13.45	13.50	13.61	13.50	13.53
Industrial machinery and equipment... Electronic and other electrical equipment.....	14.07	14.47	14.64	14.73	14.69	14.72	14.81	14.85	14.95	14.99	15.07	15.13	15.23	15.18	15.26
Transportation equipment.....	12.70	13.09	13.17	13.26	13.26	13.25	13.27	13.31	13.38	13.40	13.49	13.51	13.62	13.56	13.59
Motor vehicles and equipment.....	17.55	17.53	17.52	17.56	17.47	17.50	17.66	17.88	17.98	18.20	17.94	18.23	18.56	18.40	18.26
Instruments and related products.....	18.04	17.86	17.68	17.73	17.65	17.71	17.98	18.31	18.40	18.68	18.23	18.61	19.04	18.82	18.61
Miscellaneous manufacturing.....	13.52	13.81	13.91	14.00	13.91	13.94	13.97	14.07	14.10	14.13	14.25	14.28	14.30	14.39	14.36
Nondurable goods	10.60	10.89	11.03	11.12	11.16	11.17	11.19	11.25	11.25	11.30	11.32	11.34	11.46	11.47	11.49
Food and kindred products.....	12.34	12.76	12.90	12.99	12.99	12.97	13.03	13.09	13.11	13.15	13.22	13.18	13.35	13.26	13.34
Tobacco products.....	11.48	11.80	11.95	12.02	11.94	11.91	11.93	12.07	12.11	12.16	12.15	12.08	12.19	12.10	12.22
Textile mill products.....	19.24	18.55	17.31	17.05	17.14	17.80	19.33	19.99	20.63	20.79	21.15	20.99	18.88	18.00	18.09
Apparel and other textile products.....	10.03	10.39	10.51	10.56	10.63	10.60	10.62	10.68	10.69	10.76	10.71	10.72	10.78	10.71	10.80
Paper and allied products.....	8.25	8.52	8.64	8.71	8.68	8.65	8.78	8.83	8.81	8.89	8.83	8.88	9.01	8.98	8.97
Printing and publishing.....	15.05	15.51	15.64	15.78	15.73	15.70	15.78	15.83	15.91	15.98	16.05	15.98	16.27	16.12	16.17
Chemicals and allied products.....	13.06	13.45	13.57	13.68	13.66	13.67	13.73	13.73	13.74	13.73	13.80	13.82	13.97	13.95	14.01
Petroleum and coal products.....	16.57	17.12	17.27	17.31	17.24	17.20	17.18	17.27	17.39	17.35	17.49	17.51	17.78	17.71	17.72
Rubber and miscellaneous plastics products.....	20.20	20.92	20.96	21.22	21.22	21.43	21.59	21.49	21.05	21.14	21.35	21.29	21.62	21.62	21.70
Leather and leather products.....	11.57	11.87	11.97	12.08	12.19	12.16	12.20	12.23	12.21	12.25	12.35	12.32	12.46	12.37	12.42
Leather and leather products.....	8.97	9.32	9.44	9.43	9.64	9.56	9.55	9.59	9.59	9.57	9.61	9.77	9.86	9.85	9.79
TRANSPORTATION AND PUBLIC UTILITIES	14.92	15.31	15.48	15.50	15.57	15.56	15.51	15.57	15.55	15.56	15.66	15.67	15.78	15.75	15.81
WHOLESALE TRADE	13.45	14.06	14.34	14.32	14.42	14.38	14.34	14.48	14.53	14.44	14.55	14.65	14.73	14.78	14.84
RETAIL TRADE	8.33	8.73	8.86	8.88	9.00	8.98	9.00	9.03	9.03	9.02	9.02	9.04	9.18	9.21	9.22
FINANCE, INSURANCE, AND REAL ESTATE	13.34	14.06	14.43	14.40	14.48	14.55	14.53	14.61	14.72	14.50	14.53	14.61	14.63	14.68	14.76
SERVICES	12.28	12.85	13.15	13.18	13.30	13.32	13.33	13.32	13.34	13.23	13.20	13.25	13.48	13.54	13.62

^P = 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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
PRIVATE SECTOR															
Current dollars.....	\$424.89	\$442.19	\$451.10	\$451.10	\$445.74	\$449.33	\$448.70	\$451.39	\$456.37	\$454.64	\$456.31	\$463.32	\$458.93	\$463.99	\$463.68
Seasonally adjusted.....			447.72	449.11	451.18	451.88	452.30	452.02	453.39	456.78	458.16	458.51	459.24	461.96	462.30
Constant (1982) dollars.....	261.31	268.32	272.07	272.07	268.19	270.19	269.33	268.84	271.65	270.62	270.81	274.15	269.96	272.45	271.79
MINING	733.21	741.91	757.30	755.57	728.83	729.32	717.82	733.07	751.40	748.31	765.26	756.95	759.24	759.09	756.06
CONSTRUCTION	625.56	643.69	649.25	659.62	634.45	633.08	632.98	650.41	668.89	679.78	687.08	690.40	672.03	699.60	687.46
MANUFACTURING															
Current dollars.....	553.14	562.53	573.92	583.19	564.16	564.16	568.42	574.08	577.55	581.44	573.50	583.11	588.39	589.26	591.93
Constant (1982) dollars.....	340.18	341.34	346.15	351.74	339.45	339.24	341.19	341.92	343.78	346.10	340.36	345.04	346.11	346.26	348.53
Durable goods	587.64	591.35	602.20	613.13	591.21	591.63	596.40	602.19	606.58	610.56	598.21	612.08	615.92	616.50	619.40
Lumber and wood products.....	441.16	456.21	466.46	472.46	459.10	453.78	461.45	468.44	472.79	476.32	473.47	480.80	472.40	477.84	478.67
Furniture and fixtures.....	424.11	442.54	449.49	460.65	445.11	440.19	444.00	447.83	443.37	449.75	451.85	459.10	457.73	457.73	458.14
Stone, clay, and glass products.....	569.38	591.60	597.87	600.06	580.55	576.97	578.14	594.00	607.51	611.97	613.20	616.08	621.28	616.44	620.13
Primary metal industries.....	683.38	684.66	678.47	685.06	674.08	673.42	681.77	688.84	699.30	706.40	698.91	705.16	717.66	711.29	722.62
Blast furnaces and basic steel products.....	809.55	821.98	800.58	794.47	810.04	808.45	814.78	829.11	843.67	861.06	854.66	852.65	855.35	853.20	870.67
Fabricated metal products.....	544.43	552.44	565.39	578.96	555.52	555.52	557.19	562.46	566.25	569.36	558.18	571.05	568.90	573.75	577.73
Industrial machinery and equipment.....	613.45	619.32	625.13	636.34	619.92	619.71	623.50	626.67	630.89	631.08	628.42	635.46	635.09	642.11	647.02
Electronic and other electrical equipment.....	533.40	541.93	554.46	560.90	543.66	544.58	541.42	547.04	551.26	556.10	551.74	562.02	562.51	565.45	573.50
Transportation equipment.....	780.98	760.80	781.39	802.49	756.45	768.25	775.27	790.30	789.32	802.62	757.07	796.65	816.64	807.76	796.14
Motor vehicles and equipment.....	811.80	776.91	799.14	829.76	776.60	796.95	810.90	834.94	831.68	848.07	780.24	831.87	866.32	846.90	824.42
Instruments and related products.....	567.84	570.35	577.27	588.00	573.09	578.51	578.36	583.91	583.74	586.40	584.25	591.19	587.73	595.75	601.68
Miscellaneous manufacturing.....	428.24	434.51	441.20	447.02	435.24	442.33	447.60	448.88	451.13	450.87	444.88	453.60	454.96	461.09	460.75
Nondurable goods	504.71	521.88	532.77	540.38	527.39	525.29	529.02	532.76	536.20	539.15	538.05	540.38	547.35	547.64	552.28
Food and kindred products.....	474.12	492.06	506.68	514.46	495.51	489.50	490.32	497.28	503.78	505.86	507.87	506.15	513.20	513.04	519.35
Tobacco products.....	748.44	710.47	673.36	639.38	639.32	662.16	736.47	767.62	821.07	833.68	854.46	841.70	753.31	772.20	785.11
Textile mill products.....	415.24	425.99	431.96	437.18	432.64	426.12	427.99	436.81	437.22	441.16	434.83	440.59	438.75	443.39	449.28
Apparel and other textile products.....	307.73	317.80	325.73	330.11	318.56	322.65	328.37	332.01	333.02	338.71	326.71	333.00	331.57	337.65	337.27
Paper and allied products.....	657.69	673.13	686.60	699.05	684.26	675.10	684.85	690.19	688.90	695.13	690.15	693.53	712.63	707.67	711.48
Printing and publishing.....	502.81	515.14	525.16	530.78	514.98	515.36	520.37	523.11	522.12	520.37	525.78	530.69	539.24	538.47	543.59
Chemicals and allied products.....	715.58	739.58	746.06	752.99	737.87	734.44	735.30	737.43	744.29	746.05	746.82	754.68	769.87	761.53	769.05
Petroleum and coal products.....	870.62	912.11	920.14	948.53	931.56	927.92	943.48	917.62	896.73	909.02	924.46	906.95	931.82	933.98	935.27
Rubber and miscellaneous plastics products.....	483.63	494.98	503.94	515.82	503.45	503.42	509.96	511.21	511.60	513.28	506.35	510.05	517.09	514.59	521.64
Leather and leather products.....	344.45	350.43	358.72	359.28	353.79	355.63	359.08	363.46	367.30	367.49	359.41	377.12	367.78	372.33	376.92
TRANSPORTATION AND PUBLIC UTILITIES	592.32	604.75	614.56	606.05	602.56	606.84	601.79	601.00	603.34	606.84	609.17	617.40	607.53	604.80	608.69
WHOLESALE TRADE	516.48	539.90	554.96	549.89	547.96	550.75	547.79	554.58	560.86	554.50	558.72	566.96	564.16	570.51	571.34
RETAIL TRADE	240.74	253.17	256.05	259.30	252.90	256.83	257.40	259.16	262.77	265.19	268.80	270.30	264.38	266.17	265.54
FINANCE, INSURANCE, AND REAL ESTATE	481.57	511.78	532.47	521.28	521.28	528.17	523.08	524.50	535.81	520.55	525.99	539.11	526.68	529.95	532.84
SERVICES	400.33	418.91	431.32	429.67	429.59	432.90	431.89	431.57	436.22	431.30	432.96	439.90	435.40	442.76	445.37

^P = 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:												
1997.....	56.2	61.0	61.9	62.8	58.8	56.3	60.7	61.0	59.4	65.4	63.6	62.1
1998.....	63.8	57.9	58.8	60.5	55.9	57.9	58.0	55.8	54.6	52.9	59.1	58.6
1999.....	54.4	58.3	52.1	58.8	51.5	57.0	57.6	50.0	55.1	56.7	58.0	
Over 3-month span:												
1997.....	63.8	63.6	67.7	67.3	62.6	61.7	61.4	66.2	67.3	69.9	70.8	71.2
1998.....	66.7	66.2	64.5	63.9	61.4	58.7	60.0	58.4	57.6	57.6	59.0	60.4
1999.....	60.7	55.9	59.6	54.6	56.3	56.2	56.2	59.0	56.5	58.6		
Over 6-month span:												
1997.....	67.4	68.3	65.6	67.0	65.6	64.9	66.3	68.4	69.7	71.3	71.3	71.9
1998.....	70.6	66.9	65.9	62.4	62.6	61.1	58.0	59.8	60.0	60.8	60.8	58.0
1999.....	61.1	58.8	57.3	59.0	55.2	57.4	57.6	61.8				
Over 12-month span:												
1997.....	69.0	67.3	68.3	69.7	69.5	70.1	70.1	70.4	70.5	69.7	69.8	71.3
1998.....	70.4	68.3	67.1	64.0	62.1	61.7	61.8	63.8	59.8	59.0	59.3	58.6
1999.....	60.1	57.3	57.0	57.2	58.0							
Manufacturing payrolls, 139 industries												
Over 1-month span:												
1997.....	50.0	52.9	53.6	56.1	52.2	53.2	51.1	55.4	53.6	62.2	61.2	55.4
1998.....	58.6	51.8	50.4	50.4	40.6	46.8	40.3	45.3	42.1	36.3	39.9	45.0
1999.....	40.3	42.4	39.6	44.6	36.3	45.3	57.2	38.5	42.8	48.6	51.4	
Over 3-month span:												
1997.....	51.8	51.4	57.6	56.8	54.3	51.8	53.6	55.4	59.7	68.3	65.8	64.4
1998.....	59.4	57.9	51.8	44.2	41.7	34.9	37.4	37.1	38.1	34.2	35.6	35.3
1999.....	37.4	31.7	37.1	30.2	33.8	43.9	43.2	44.6	37.8	47.1		
Over 6-month span:												
1997.....	54.7	54.0	51.4	54.3	52.5	52.2	55.4	61.2	61.5	64.7	66.2	65.1
1998.....	59.7	49.3	48.2	36.7	36.7	36.7	28.4	31.3	33.5	35.3	32.7	28.1
1999.....	33.1	29.1	28.1	36.0	30.9	34.5	37.1	46.4				
Over 12-month span:												
1997.....	54.7	52.5	54.0	54.0	55.4	56.8	57.2	57.9	58.3	56.5	55.4	57.2
1998.....	54.0	49.3	46.0	40.6	35.6	33.8	30.9	32.0	26.6	26.6	25.5	26.3
1999.....	32.7	25.9	28.4	28.8								

Data not available.

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.

18. Annual data: Employment status of the population

[Numbers in thousands]

Employment status	1990	1991	1992	1993	1994	1995	1996	1997	1998
Civilian noninstitutional population.....	189,164	190,925	192,805	194,838	196,814	198,584	200,591	203,133	205,220
Civilian labor force.....	125,840	126,346	128,105	129,200	131,056	132,304	133,943	136,297	137,673
Labor force participation rate.....	66.5	66.2	66.4	66.3	66.6	66.6	66.8	67.1	67.1
Employed.....	118,793	117,718	118,492	120,259	123,060	124,900	126,708	129,558	131,463
Employment-population ratio.....	62.8	61.7	61.5	61.7	62.5	62.9	63.2	63.8	64.1
Agriculture.....	3,223	3,269	3,247	3,115	3,409	3,440	3,443	3,399	3,378
Nonagricultural industries.....	115,570	114,499	115,245	117,144	119,651	121,460	123,264	126,159	128,085
Unemployed.....	7,047	8,628	9,613	8,940	7,996	7,404	7,236	6,739	6,210
Unemployment rate.....	5.6	6.8	7.5	6.9	6.1	5.6	5.4	4.9	4.5
Not in the labor force.....	63,324	64,578	64,700	65,638	65,758	66,280	66,647	66,837	67,547

19. Annual data: Employment levels by industry

[In thousands]

Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total employment.....	109,403	108,249	108,601	110,713	114,163	117,191	119,608	122,690	125,826
Private sector.....	91,098	89,847	89,956	91,872	95,036	97,885	100,189	103,133	106,007
Goods-producing.....	24,905	23,745	23,231	23,352	23,908	24,265	24,493	24,962	25,347
Mining.....	709	689	635	610	601	581	580	596	590
Construction.....	5,120	4,650	4,492	4,668	4,986	5,160	5,418	5,691	5,985
Manufacturing.....	19,076	18,406	18,104	18,075	18,321	18,524	18,495	18,675	18,772
Service-producing.....	84,497	84,504	85,370	87,361	90,256	92,925	95,115	97,727	100,480
Transportation and public utilities.....	5,777	5,755	5,718	5,811	5,984	6,132	6,253	6,408	6,600
Wholesale trade.....	6,173	6,081	5,997	5,981	6,162	6,378	6,482	6,648	6,831
Retail trade.....	19,601	19,284	19,356	19,773	20,507	21,187	21,597	21,966	22,296
Finance, insurance, and real estate....	6,709	6,646	6,602	6,757	6,896	6,806	6,911	7,109	7,407
Services.....	27,934	28,336	29,052	30,197	31,579	33,117	34,454	36,040	37,526
Government.....	18,304	18,402	18,645	18,841	19,128	19,305	19,419	19,557	19,819
Federal.....	3,085	2,966	2,969	2,915	2,870	2,822	2,757	2,699	2,686
State.....	4,305	4,355	4,408	4,488	4,576	4,635	4,606	4,582	4,612
Local.....	10,914	11,081	11,267	11,438	11,682	11,849	12,056	12,276	12,521

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

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

Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998
Private sector:									
Average weekly hours.....	34.5	34.3	34.4	34.5	34.7	34.5	34.4	34.6	34.6
Average hourly earnings (in dollars).....	10.01	10.32	10.57	10.83	11.12	11.43	11.82	12.28	12.78
Average weekly earnings (in dollars).....	345.35	353.98	363.61	373.64	385.86	394.34	406.61	424.89	442.19
Mining:									
Average weekly hours.....	44.1	44.4	43.9	44.3	44.8	44.7	45.3	45.4	43.9
Average hourly earnings (in dollars).....	13.68	14.19	14.54	14.60	14.88	15.30	15.62	16.15	16.90
Average weekly earnings (in dollars).....	603.29	630.04	638.31	646.78	666.62	683.91	707.59	733.21	741.91
Construction:									
Average weekly hours.....	38.2	38.1	38.0	38.5	38.9	38.9	39.0	39.0	38.8
Average hourly earnings (in dollars).....	13.77	14.00	14.15	14.38	14.73	15.09	15.47	16.04	16.59
Average weekly earnings (in dollars).....	526.01	533.40	537.70	553.63	573.00	587.00	603.33	625.56	643.69
Manufacturing:									
Average weekly hours.....	40.8	40.7	41.0	41.4	42.0	41.6	41.6	42.0	41.7
Average hourly earnings (in dollars).....	10.83	11.18	11.46	11.74	12.07	12.37	12.77	13.17	13.49
Average weekly earnings (in dollars).....	441.86	455.03	469.86	486.04	506.94	514.59	531.23	553.14	562.53
Transportation and public utilities:									
Average weekly hours.....	38.4	38.1	38.3	39.3	39.7	39.4	39.6	39.7	39.5
Average hourly earnings (in dollars).....	12.92	13.20	13.43	13.55	13.78	14.13	14.45	14.92	15.31
Average weekly earnings (in dollars).....	496.13	502.92	514.37	532.52	547.07	556.72	572.22	592.32	604.75
Wholesale trade:									
Average weekly hours.....	38.1	38.1	38.2	38.2	38.4	38.3	38.3	38.4	38.4
Average hourly earnings (in dollars).....	10.79	11.15	11.39	11.74	12.06	12.43	12.87	13.45	14.06
Average weekly earnings (in dollars).....	411.10	424.82	435.10	448.47	463.10	476.07	492.92	516.48	539.90
Retail trade:									
Average weekly hours.....	28.8	28.6	28.8	28.8	28.9	28.8	28.8	28.9	29.0
Average hourly earnings (in dollars).....	6.75	6.94	7.12	7.29	7.49	7.69	7.99	8.33	8.73
Average weekly earnings (in dollars).....	194.40	198.48	205.06	209.95	216.46	221.47	230.11	240.74	253.17
Finance, insurance, and real estate:									
Average weekly hours.....	35.8	35.7	35.8	35.8	35.8	35.9	35.9	36.1	36.4
Average hourly earnings (in dollars).....	9.97	10.39	10.82	11.35	11.83	12.32	12.80	13.34	14.06
Average weekly earnings (in dollars).....	356.93	370.92	387.36	406.33	423.51	442.29	459.52	481.57	511.78
Services:									
Average weekly hours.....	32.5	32.4	32.5	32.5	32.5	32.4	32.4	32.6	32.6
Average hourly earnings (in dollars).....	9.83	10.23	10.54	10.78	11.04	11.39	11.79	12.28	12.85
Average weekly earnings (in dollars).....	319.48	331.45	342.55	350.35	358.80	369.04	382.00	400.33	418.91

21. Employment Cost Index, compensation,¹ by occupation and industry group

[June 1989 = 100]

Series	1997		1998				1999			Percent change	
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	3	12
										months	months
										ended	ended
										Sept. 1999	
Civilian workers²	134.1	135.2	136.3	137.4	139.0	139.8	140.4	141.8	143.3	1.1	3.1
Workers, by occupational group:											
White-collar workers.....	135.2	136.5	137.7	138.7	140.6	141.4	141.9	143.3	145.0	1.2	3.1
Professional specialty and technical	135.8	136.7	137.5	138.3	140.0	141.0	141.3	142.2	143.9	1.2	2.8
Executive, administrative, and managerial	135.3	137.3	139.1	139.7	141.7	141.8	143.5	145.4	147.3	1.3	4.0
Administrative support, including clerical	135.8	136.9	138.0	139.3	140.4	141.3	142.5	143.4	144.7	.9	3.1
Blue-collar workers	131.8	132.4	133.2	134.3	135.3	136.1	137.1	138.3	139.5	.9	3.1
Service occupations.....	134.6	135.6	136.9	137.9	139.4	140.0	141.3	142.4	143.1	.5	2.7
Workers, by industry division:											
Goods-producing.....	133.6	134.1	135.1	136.3	137.2	137.9	139.0	140.0	141.2	.9	2.9
Manufacturing	134.6	135.3	136.4	137.2	138.2	138.9	139.9	140.9	142.1	.9	2.8
Service-producing.....	134.2	135.5	136.8	137.7	139.6	140.4	140.9	142.4	144.0	1.1	3.2
Services.....	136.5	137.6	138.3	139.0	140.8	141.7	142.3	143.2	145.1	1.3	3.1
Health services.....	136.7	137.9	138.0	138.5	139.1	139.1	140.5	141.4	142.7	.9	2.6
Hospitals.....	135.6	136.7	137.1	138.2	139.4	140.2	141.3	142.2	143.4	.8	2.9
Educational services.....	136.5	137.0	137.5	137.7	140.2	141.0	141.3	141.7	144.6	2.0	3.1
Public administration ³	134.1	135.1	136.4	137.4	138.9	139.9	140.8	141.5	142.4	.6	2.5
Nonmanufacturing.....	133.8	135.1	136.2	137.3	139.0	139.9	140.5	141.9	143.4	1.1	3.2
Private industry workers	133.9	135.1	136.3	137.5	139.0	139.8	140.4	142.0	143.3	.9	3.1
Excluding sales occupations	134.1	135.2	136.4	137.5	138.8	139.4	140.5	141.9	143.2	.9	3.2
Workers, by occupational group:											
White-collar workers.....	135.2	136.7	138.1	139.4	141.1	142.0	142.4	144.1	145.6	1.0	3.2
Excluding sales occupations	135.9	137.4	138.8	139.9	141.3	141.9	143.0	144.5	146.0	1.0	3.3
Professional specialty and technical occupations	136.7	137.8	138.8	140.1	141.6	142.6	142.9	144.1	145.2	.8	2.5
Executive, administrative, and managerial occupations	135.2	137.4	139.4	140.0	141.9	141.8	143.7	145.8	147.7	1.3	4.1
Sales occupations	132.2	133.5	135.3	137.3	140.4	142.6	139.6	142.6	144.1	1.1	2.6
Administrative support occupations, including clerical	135.9	137.0	138.2	139.6	140.6	141.4	142.6	143.7	145.0	.9	3.1
Blue-collar workers	131.7	132.3	133.1	134.3	135.2	135.9	136.9	138.2	139.4	.9	3.1
Precision production, craft, and repair occupations.....	131.7	131.9	132.9	134.4	135.4	136.1	137.2	138.4	139.6	.9	3.1
Machine operators, assemblers, and inspectors.....	132.2	133.0	133.6	134.7	135.7	136.8	137.3	138.4	139.9	1.1	3.1
Transportation and material moving occupations.....	128.0	128.9	129.3	129.9	130.7	130.7	131.6	133.6	134.4	.6	2.8
Handlers, equipment cleaners, helpers, and laborers....	134.2	135.8	137.0	137.6	138.5	139.2	141.0	142.3	143.2	.6	3.4
Service occupations	133.1	134.1	135.3	136.0	137.3	138.0	139.5	140.6	141.0	.3	2.7
Production and nonsupervisory occupations ⁴	133.2	134.2	135.3	136.6	138.0	139.0	139.3	140.8	141.9	.8	2.8
Workers, by industry division:											
Goods-producing.....	133.6	134.1	135.1	136.2	137.1	137.8	138.9	139.9	141.1	.9	2.9
Excluding sales occupations.....	133.1	133.6	134.5	135.6	136.5	137.2	138.3	139.3	140.5	.9	2.9
White-collar occupations.....	135.6	136.2	137.7	138.8	139.7	140.2	141.7	142.7	143.9	.8	3.0
Excluding sales occupations.....	134.5	135.0	136.3	137.4	138.3	138.8	140.4	141.3	142.5	.8	3.0
Blue-collar occupations.....	132.4	132.8	133.5	134.6	135.5	136.3	137.1	138.3	139.4	.8	2.9
Construction	129.7	129.7	130.6	132.7	133.4	134.3	135.6	136.9	137.9	.7	3.4
Manufacturing	134.6	135.3	136.4	137.2	138.2	138.9	139.9	140.9	142.1	.9	2.8
White-collar occupations.....	135.8	136.7	138.2	139.1	140.1	140.5	141.8	143.0	144.3	.9	3.0
Excluding sales occupations.....	134.5	135.3	136.5	137.3	138.3	138.7	140.1	141.3	142.5	.8	3.0
Blue-collar occupations.....	133.7	134.3	135.0	135.9	136.8	137.7	138.5	139.4	140.5	.8	2.7
Durables	135.0	135.7	136.5	137.4	138.5	139.2	139.9	141.0	142.3	.9	2.7
Nondurables	133.7	134.5	135.9	136.7	137.6	138.2	139.6	140.4	141.5	.8	2.8
Service-producing.....	133.8	135.3	136.7	137.8	139.6	140.5	140.9	142.8	144.1	.9	3.2
Excluding sales occupations.....	134.5	136.1	137.4	138.5	140.0	140.6	141.7	143.3	144.6	.9	3.3
White-collar occupations.....	134.9	136.6	138.0	139.3	141.2	142.2	142.3	144.3	145.8	1.0	3.3
Excluding sales occupations.....	136.3	138.1	139.5	140.6	142.2	142.8	143.8	145.5	147.0	1.0	3.4
Blue-collar occupations.....	130.0	130.9	132.1	133.2	134.3	134.8	136.2	137.8	139.1	.9	3.6
Service occupations.....	132.7	133.9	135.0	135.8	137.0	137.8	139.3	140.5	140.8	.2	2.8
Transportation and public utilities	132.9	134.2	135.8	137.1	138.5	139.3	139.7	140.9	141.8	.6	2.4
Transportation	132.1	133.4	134.0	134.9	136.7	137.3	136.8	138.1	138.7	.4	1.5
Public utilities.....	133.7	135.1	137.9	139.7	140.7	141.9	143.4	144.6	145.7	.8	3.6
Communications.....	131.8	134.0	136.6	139.2	140.5	141.7	143.3	144.9	146.1	.8	4.0
Electric, gas, and sanitary services.....	136.0	136.4	139.6	140.3	141.0	142.1	143.4	144.2	145.1	.6	2.9
Wholesale and retail trade	132.4	132.9	134.7	135.8	137.6	138.2	138.9	141.1	142.2	.8	3.3
Excluding sales occupations.....	133.0	134.0	135.5	136.3	138.1	138.8	139.9	141.9	142.8	.6	3.4
Wholesale trade	134.6	135.1	137.7	138.6	140.8	142.8	142.7	144.6	146.3	1.2	3.9
Excluding sales occupations.....	134.5	135.4	137.0	138.2	140.0	141.2	142.4	144.0	145.8	1.3	4.1
Retail trade	131.1	131.7	133.1	134.4	135.9	135.6	136.8	139.1	140.0	.6	3.0
General merchandise stores	128.6	130.0	131.2	133.0	133.2	134.0	135.0	135.6	137.2	1.2	3.0
Food stores	129.8	129.4	131.3	132.9	133.7	132.7	134.3	135.7	137.0	1.0	2.5

See footnotes at end of table.

21. Continued—Employment Cost Index, compensation,¹ by occupation and industry group

[June 1989 = 100]

Series	1997		1998				1999			Percent change	
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	3	12
										months	months
										ended	ended
										Sept. 1999	
Finance, insurance, and real estate	130.5	134.5	136.7	138.4	141.0	142.5	141.5	145.8	147.6	1.2	4.7
Excluding sales occupations	133.5	137.6	140.2	141.3	143.2	143.3	145.6	148.8	151.0	1.5	5.4
Banking, savings and loan, and other credit agencies.....	133.1	140.6	143.3	145.3	148.4	146.7	148.8	155.4	159.3	2.5	7.3
Insurance.....	133.1	134.8	137.4	138.9	141.9	141.7	141.7	144.0	144.5	.3	1.8
Services.....	137.0	138.5	139.3	140.3	141.8	142.7	143.5	144.6	146.1	1.0	3.0
Business services	136.3	138.6	139.5	140.7	143.5	145.9	147.5	148.7	150.7	1.3	5.0
Health services.....	137.0	138.1	138.2	138.7	139.0	139.0	140.5	141.4	142.6	.8	2.6
Hospitals	135.4	136.5	136.7	138.2	139.1	139.9	141.2	142.1	143.0	.6	2.8
Educational services.....	141.6	142.6	143.4	143.9	147.0	147.7	148.3	148.7	152.2	2.4	3.5
Colleges and universities	142.5	143.7	144.3	144.8	147.8	148.5	149.2	149.6	152.6	2.0	3.2
Nonmanufacturing.....	133.3	134.7	136.0	137.2	138.9	139.7	140.3	142.0	143.4	1.0	3.2
White-collar workers.....	134.9	136.5	137.9	139.2	141.1	142.0	142.3	144.1	145.6	1.0	3.2
Excluding sales occupations	136.2	137.9	139.3	140.5	142.0	142.7	143.7	145.3	146.8	1.0	3.4
Blue-collar occupations	129.4	130.1	131.0	132.4	133.4	134.0	135.2	136.8	138.0	.9	3.4
Service occupations	132.7	133.8	134.9	135.7	136.9	137.7	139.2	140.4	140.7	.2	2.8
State and local government workers.....	135.0	135.7	136.5	136.9	139.0	139.8	140.5	141.0	143.1	1.5	2.9
Workers, by occupational group:											
White-collar workers.....	134.8	135.5	136.1	136.2	138.4	139.3	139.8	140.2	142.6	1.7	3.0
Professional specialty and technical	134.6	135.1	135.6	135.6	137.7	138.5	138.8	139.3	142.0	1.9	3.1
Executive, administrative, and managerial	135.6	136.4	137.5	137.9	140.4	141.6	142.6	142.8	144.5	1.2	2.9
Administrative support, including clerical	135.3	136.1	136.9	137.2	139.5	140.3	141.4	141.3	143.0	1.2	2.5
Blue-collar workers	133.3	134.2	135.0	135.2	136.8	137.8	138.8	139.5	140.9	1.0	3.0
Workers, by industry division:											
Services.....	135.4	136.0	136.5	136.6	139.0	139.7	140.0	140.5	143.2	1.9	3.0
Services excluding schools ⁵	134.4	135.3	136.1	136.2	138.7	138.8	139.6	140.3	142.6	1.6	2.8
Health services.....	136.0	137.2	137.9	138.0	140.3	140.7	141.2	142.0	144.2	1.5	2.8
Hospitals.....	136.3	137.6	138.4	138.4	140.7	141.2	141.7	142.7	144.8	1.5	2.9
Educational services.....	135.4	135.9	136.3	136.5	138.8	139.6	139.9	140.3	143.1	2.0	3.1
Schools.....	135.7	136.2	136.6	136.7	139.1	139.9	140.2	140.6	143.5	2.1	3.2
Elementary and secondary	135.5	135.8	136.1	136.2	138.8	139.3	139.6	140.0	142.9	2.1	3.0
Colleges and universities	136.3	137.2	137.9	138.1	140.4	141.5	141.7	142.1	144.8	1.9	3.4
Public administration ³	134.1	135.1	136.4	137.4	138.9	139.9	140.8	141.5	142.4	.6	2.5

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

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

³ Consists of legislative, judicial, administrative, and regulatory activities.

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

⁵ Includes, for example, library, social, and health services.

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

[June 1989 = 100]

Series	1997		1998				1999			Percent change	
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	3	12
										months	months
										ended	ended
										Sept. 1999	
Civilian workers¹	131.6	132.8	134.0	135.0	136.8	137.7	138.4	139.8	141.3	1.1	3.3
Workers, by occupational group:											
White-collar workers	133.0	134.3	135.6	136.7	138.8	139.7	140.1	141.6	143.3	1.2	3.2
Professional specialty and technical	134.0	135.0	135.8	136.6	138.5	139.4	140.1	141.0	142.6	1.1	3.0
Executive, administrative, and managerial	133.5	135.6	137.4	138.3	140.5	140.3	141.6	143.8	145.9	1.5	3.8
Administrative support, including clerical	132.7	133.7	135.0	136.2	137.5	138.6	140.0	140.9	142.3	1.0	3.5
Blue-collar workers	128.4	129.3	130.4	131.4	132.6	133.3	134.5	135.8	137.0	.9	3.3
Service occupations	131.5	132.6	133.7	134.5	136.1	137.0	138.3	139.4	140.1	.5	2.9
Workers, by industry division:											
Goods-producing	129.9	130.6	132.0	133.3	134.4	135.2	136.3	137.4	138.6	.9	3.1
Manufacturing	131.3	132.2	133.7	134.6	136.0	136.8	137.9	139.0	140.2	.9	3.1
Service-producing	132.2	133.6	134.8	135.7	137.8	138.7	139.2	140.7	142.3	1.1	3.3
Services	134.8	136.0	136.9	137.6	139.6	140.5	141.5	142.3	144.1	1.3	3.2
Health services	134.3	135.4	136.2	136.5	137.6	137.6	138.8	139.7	140.9	.9	2.4
Hospitals	132.5	133.6	134.2	135.1	136.4	137.1	138.1	138.8	140.1	.9	2.7
Educational services	135.3	135.9	136.3	136.5	139.1	140.0	140.2	140.6	143.7	2.2	3.3
Public administration ²	130.3	131.4	132.7	133.2	134.8	135.9	136.9	137.8	139.5	1.2	3.5
Nonmanufacturing	131.5	132.8	134.0	135.1	137.0	137.8	138.4	139.9	141.5	1.1	3.3
Private industry workers	131.0	132.3	133.7	134.9	136.6	137.4	138.1	139.7	141.0	.9	3.2
Excluding sales occupations	131.2	132.4	133.7	134.8	136.3	136.9	138.2	139.6	140.8	.9	3.3
Workers, by occupational group:											
White-collar workers	132.7	134.2	135.7	137.0	139.0	139.9	140.3	142.1	143.5	1.0	3.2
Excluding sales occupations	133.4	134.8	136.3	137.5	139.1	139.7	141.0	142.5	143.9	1.0	3.5
Professional specialty and technical occupations	133.7	134.8	135.9	137.1	138.7	139.7	140.7	141.8	142.6	.6	2.8
Executive, administrative, and managerial occupations	133.6	135.8	137.8	138.7	140.9	140.5	141.9	144.3	146.4	1.5	3.9
Sales occupations	129.8	131.4	133.1	135.2	138.8	141.3	137.3	140.5	142.1	1.1	2.4
Administrative support occupations, including clerical	132.9	133.9	135.3	136.7	137.9	138.9	140.4	141.4	142.7	.9	3.5
Blue-collar workers	128.3	129.1	130.2	131.3	132.4	133.2	134.3	135.6	136.8	.9	3.3
Precision production, craft, and repair occupations	128.2	128.7	129.8	131.2	132.3	133.0	134.3	135.6	136.7	.8	3.3
Machine operators, assemblers, and inspectors	129.5	130.6	131.6	132.7	133.8	134.9	135.7	136.7	138.3	1.2	3.4
Transportation and material moving occupations	124.1	125.1	125.9	126.4	127.6	127.8	129.1	131.0	131.9	.7	3.4
Handlers, equipment cleaners, helpers, and laborers	130.2	131.8	133.2	133.7	135.1	135.8	137.3	138.3	139.4	.8	3.2
Service occupations	129.9	131.1	132.1	133.0	134.4	135.3	136.7	137.8	138.0	.1	2.7
Production and nonsupervisory occupations ³	130.1	131.2	132.3	133.6	135.2	136.4	136.8	138.2	139.3	.8	3.0
Workers, by industry division:											
Goods-producing	129.9	130.6	132.0	133.2	134.3	135.2	136.3	137.3	138.5	.9	3.1
Excluding sales occupations	129.3	130.0	131.3	132.5	133.6	134.4	135.5	136.6	137.8	.9	3.1
White-collar occupations	132.3	132.9	135.0	136.3	137.4	138.2	139.4	140.5	141.7	.9	3.1
Excluding sales occupations	130.9	131.6	133.3	134.6	135.7	136.4	137.8	138.8	140.1	.9	3.2
Blue-collar occupations	128.4	129.2	130.1	131.3	132.3	133.3	134.3	135.4	136.6	.9	3.3
Construction	124.7	124.9	126.0	128.1	128.5	129.3	130.7	131.9	133.0	.8	3.5
Manufacturing	131.3	132.2	133.7	134.6	136.0	136.8	137.9	139.0	140.2	.9	3.1
White-collar occupations	132.8	133.6	135.6	136.8	138.3	139.0	140.1	141.4	142.7	.9	3.2
Excluding sales occupations	131.3	132.2	133.8	135.0	136.3	137.1	138.3	139.6	140.8	.9	3.3
Blue-collar occupations	130.2	131.2	132.3	133.1	134.3	135.3	136.3	137.2	138.4	.9	3.1
Durables	131.2	131.9	133.4	134.5	135.9	136.9	137.9	139.1	140.4	.9	3.3
Nondurables	131.4	132.6	134.2	134.9	136.0	136.8	138.0	138.7	139.7	.7	2.7
Service-producing	131.5	133.1	134.4	135.6	137.6	138.4	138.9	140.8	142.1	.9	3.3
Excluding sales occupations	132.3	133.9	135.2	136.2	137.9	138.5	139.8	141.4	142.6	.8	3.4
White-collar occupations	132.6	134.3	135.7	137.0	139.2	140.1	140.3	142.3	143.8	1.1	3.3
Excluding sales occupations	134.2	135.9	137.3	138.4	140.2	140.7	142.0	143.7	145.1	1.0	3.5
Blue-collar occupations	127.9	128.9	130.2	131.1	132.4	132.9	134.4	135.9	137.0	.8	3.5
Service occupations	129.8	131.0	132.1	133.0	134.2	135.2	136.7	137.8	138.0	.1	2.8
Transportation and public utilities	130.1	131.3	132.1	132.8	134.3	135.1	135.4	136.8	137.5	.5	2.4
Transportation	128.5	129.5	130.1	130.4	132.4	132.9	133.3	133.7	134.4	.5	1.5
Public utilities	132.0	133.5	134.5	135.7	136.5	137.8	139.2	140.6	141.5	.6	3.7
Communications	131.8	134.0	134.4	135.8	136.7	138.0	139.4	141.1	141.9	.6	3.8
Electric, gas, and sanitary services	132.2	132.9	134.7	135.6	136.3	137.4	138.9	140.0	140.9	.6	3.4
Wholesale and retail trade	130.9	131.6	133.3	134.6	136.6	137.0	137.7	139.6	140.7	.8	3.0
Excluding sales occupations	132.2	133.2	134.7	135.6	137.6	138.2	139.5	141.1	141.8	.5	3.1
Wholesale trade	133.0	133.6	136.2	137.1	139.3	141.3	140.7	142.3	144.3	1.4	3.6
Excluding sales occupations	133.9	135.0	136.5	137.8	139.6	140.8	141.9	143.0	144.8	1.3	3.7
Retail trade	129.9	130.6	131.9	133.3	135.2	134.8	136.2	138.3	138.9	.4	2.7
General merchandise stores	126.7	128.4	129.4	131.5	132.2	133.0	133.7	134.3	135.6	1.0	2.6
Food stores	126.7	127.0	129.0	130.5	131.7	130.5	131.8	132.8	133.9	.8	1.7

See footnotes at end of table.

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

[June 1989 = 100]

Series	1997		1998				1999			Percent change	
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	3	12
										months	months
										ended	ended
										Sept. 1999	
Finance, insurance, and real estate	126.4	130.6	132.6	134.8	138.1	139.8	137.2	142.4	144.5	1.5	4.6
Excluding sales occupations	129.3	133.6	135.9	137.5	139.7	139.6	141.0	144.8	147.5	1.9	5.6
Banking, savings and loan, and other credit agencies.....	128.9	138.3	140.9	143.2	147.0	144.4	146.1	154.5	159.2	3.0	8.3
Insurance.....	128.7	130.2	133.1	134.8	138.7	138.5	137.4	139.8	140.2	.3	1.1
Services.....	134.7	136.2	137.2	138.3	140.0	140.8	142.2	143.2	144.5	.9	3.2
Business services	134.9	137.3	137.6	139.2	141.8	144.1	145.4	146.3	148.5	1.5	4.7
Health services.....	134.3	135.4	136.2	136.5	137.5	137.4	138.7	139.6	140.6	.7	2.3
Hospitals	132.2	133.2	133.6	134.7	135.8	136.5	137.6	138.3	139.3	.7	2.6
Educational services.....	137.8	138.4	139.1	139.6	142.8	143.5	143.9	144.2	147.5	2.3	3.3
Colleges and universities	137.8	138.7	139.1	139.7	142.8	143.6	144.1	144.4	147.2	1.9	3.1
Nonmanufacturing.....	130.7	132.1	133.4	134.7	136.5	137.4	137.9	139.7	141.0	.9	3.3
White-collar workers.....	132.4	134.1	135.5	136.8	138.9	139.8	140.1	142.0	143.5	1.1	3.3
Excluding sales occupations	133.8	135.5	136.9	138.1	139.8	140.3	141.6	143.2	144.6	1.0	3.4
Blue-collar occupations	126.4	127.1	128.2	129.5	130.5	131.1	132.4	134.0	135.1	.8	3.5
Service occupations	129.7	130.9	132.0	132.9	134.1	135.1	136.5	137.7	137.9	.1	2.8
State and local government workers.....	133.6	134.4	135.1	135.4	137.6	138.5	139.0	139.6	142.2	1.9	3.3
Workers, by occupational group:											
White-collar workers.....	133.7	134.5	135.0	135.2	137.6	138.5	138.9	139.3	142.1	2.0	3.3
Professional specialty and technical	134.4	135.1	135.5	135.6	137.9	138.7	138.9	139.4	142.5	2.2	3.3
Executive, administrative, and managerial	133.1	134.1	135.1	135.6	138.0	139.3	140.1	140.5	142.7	1.6	3.4
Administrative support, including clerical	131.4	132.3	133.0	133.3	135.4	136.5	137.4	137.5	139.6	1.5	3.1
Blue-collar workers	131.2	132.3	133.1	133.5	135.1	136.0	136.9	137.6	139.4	1.3	3.2
Workers, by industry division:											
Services.....	134.7	135.3	135.7	135.9	138.4	139.2	139.5	139.9	142.9	2.1	3.3
Services excluding schools ⁴	133.3	134.4	135.4	135.5	137.8	138.2	139.0	139.6	142.1	1.8	3.1
Health services.....	133.9	135.3	136.3	136.5	138.7	139.2	139.7	140.4	142.8	1.7	3.0
Hospitals.....	133.7	135.2	136.3	136.5	138.6	139.1	139.7	140.6	142.8	1.6	3.0
Educational services.....	134.8	135.3	135.7	135.8	138.4	139.3	139.5	139.8	142.9	2.2	3.3
Schools.....	134.9	135.5	135.8	136.0	138.5	139.5	139.6	140.0	143.1	2.2	3.3
Elementary and secondary	135.3	135.7	136.0	136.1	138.7	139.3	139.5	139.9	143.1	2.3	3.2
Colleges and universities	133.6	134.6	135.2	135.5	137.7	139.6	139.6	139.8	142.6	2.0	3.6
Public administration ²	130.3	131.4	132.7	133.2	134.8	135.9	136.9	137.8	139.5	1.2	3.5

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

² Consists of legislative, judicial, administrative, and regulatory activities.

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

⁴ Includes, for example, library, social, and health services.

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

[June 1989 = 100]

Series	1997		1998				1999			Percent change	
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	3	12
										months	months
										ended	ended
										Sept. 1999	
Private industry workers.....	140.8	141.8	142.6	143.7	144.5	145.2	145.8	147.3	148.6	0.9	2.8
Workers, by occupational group:											
White-collar workers.....	142.0	143.4	144.7	145.6	146.6	147.4	147.9	149.4	151.0	1.1	3.0
Blue-collar workers	138.8	139.0	139.1	140.4	141.0	141.6	142.2	143.6	144.8	.8	2.7
Workers, by industry division:											
Goods-producing.....	141.5	141.5	141.5	142.5	143.0	143.2	144.3	145.2	146.3	.8	2.3
Service-producing	139.8	141.4	142.7	143.8	144.9	145.7	146.1	147.9	149.4	1.0	3.1
Manufacturing.....	141.4	141.7	141.7	142.4	142.6	142.7	143.6	144.5	145.7	.8	2.2
Nonmanufacturing	140.2	141.5	142.7	143.9	145.0	145.8	146.3	148.0	149.4	.9	3.0

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

[June 1989 = 100]

Series	1997		1998				1999			Percent change	
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	3	12
										months	months
COMPENSATION											
Workers, by bargaining status¹											
Union.....	133.2	133.5	134.0	135.3	136.8	137.5	138.0	139.0	140.2	0.9	2.5
Goods-producing.....	132.3	132.5	132.7	134.3	135.6	136.5	136.8	138.2	139.2	.7	2.7
Service-producing	134.0	134.5	135.3	136.2	138.0	138.5	139.2	139.7	141.0	.9	2.2
Manufacturing.....	133.0	133.3	133.6	134.6	136.0	136.9	137.0	138.1	139.1	.7	2.2
Nonmanufacturing	132.9	133.2	133.9	135.3	136.9	137.4	138.1	139.2	140.3	.8	2.5
Nonunion.....	133.9	135.3	136.7	137.8	139.3	140.1	140.8	142.5	143.8	.9	3.2
Goods-producing.....	134.0	134.7	135.9	136.9	137.7	138.3	139.7	140.5	141.8	.9	3.0
Service-producing	133.7	135.3	136.7	138.0	139.7	140.6	141.1	143.0	144.4	1.0	3.4
Manufacturing.....	135.1	135.9	137.2	138.0	138.9	139.4	140.7	141.7	143.0	.9	3.0
Nonmanufacturing	133.4	134.9	136.3	137.5	139.1	140.0	140.6	142.4	143.8	1.0	3.4
Workers, by region¹											
Northeast.....	134.0	135.0	136.0	137.0	138.7	139.5	140.5	141.5	143.2	1.2	3.2
South.....	132.5	134.6	135.5	136.4	137.6	138.1	139.1	140.7	141.8	.8	3.1
Midwest (formerly North Central).....	136.2	136.9	138.3	139.6	140.9	141.4	141.7	143.6	145.0	1.0	2.9
West.....	132.5	133.4	135.2	136.6	138.5	140.0	140.3	142.1	143.3	.8	3.5
Workers, by area size¹											
Metropolitan areas.....	133.9	135.1	136.4	137.5	139.1	139.8	140.4	142.0	143.3	.9	3.0
Other areas.....	133.8	135.3	135.9	137.1	138.2	139.4	140.5	141.8	143.1	.9	3.5
WAGES AND SALARIES											
Workers, by bargaining status¹											
Union.....	128.3	128.9	129.6	130.7	132.4	133.1	133.6	134.7	135.7	.7	2.5
Goods-producing.....	126.6	127.1	127.9	129.4	131.0	131.7	132.3	133.8	134.9	.8	3.0
Service-producing	130.4	131.2	131.8	132.2	134.1	134.8	135.4	135.8	136.8	.7	2.0
Manufacturing.....	127.8	128.6	129.6	130.4	132.2	133.0	133.6	134.7	135.8	.8	2.7
Nonmanufacturing	128.6	129.1	129.6	130.8	132.4	133.1	133.7	134.6	135.6	.7	2.4
Nonunion.....	131.6	133.0	134.5	135.7	137.4	138.3	139.0	140.7	142.0	.9	3.3
Goods-producing.....	131.2	132.0	133.6	134.7	135.7	136.5	137.8	138.8	140.0	.9	3.2
Service-producing	131.6	133.2	134.6	135.9	137.9	138.8	139.3	141.3	142.6	.9	3.4
Manufacturing.....	132.6	133.5	135.1	136.2	137.3	138.2	139.4	140.5	141.7	.9	3.2
Nonmanufacturing	131.1	132.6	134.0	135.3	137.1	138.0	138.6	140.5	141.8	.9	3.4
Workers, by region¹											
Northeast.....	130.7	131.6	132.6	133.8	135.4	136.4	137.1	138.2	139.9	1.2	3.3
South.....	130.6	133.0	134.0	134.9	136.5	136.7	137.9	139.4	140.2	.6	2.7
Midwest (formerly North Central).....	132.2	133.0	134.7	136.0	137.5	138.0	138.9	141.0	142.4	1.0	3.6
West.....	130.2	131.2	132.9	134.5	136.7	138.4	138.2	140.2	141.3	.8	3.4
Workers, by area size¹											
Metropolitan areas.....	131.1	132.3	133.8	135.1	136.9	137.7	138.3	139.9	141.2	.9	3.1
Other areas.....	130.4	132.0	132.5	133.4	134.7	136.0	137.1	138.4	139.8	1.0	3.8

¹ 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.

25. 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
Time-off plans										
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 ¹	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
Insurance plans										
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 ¹	-	-	-	-	-	-	-	-	53	55
Retirement plans										
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
Other benefits										
Employees eligible for:										
Flexible benefits plans				2	5	9	10	12	12	13
Reimbursement accounts ²				5	12	23	36	52	38	32
Premium conversion plans									5	7

¹ 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.

² 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.

26. 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
Time-off plans								
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 ¹	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	2.9	3.0
Paid vacations	88	88	88	86	72	67	67	66
Paid sick leave ²	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
Insurance plans								
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 ²				29				
Retirement plans								
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	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
Other benefits								
Employees eligible for:								
Flexible benefits plans	1	2	3	4	5	5	5	5
Reimbursement accounts ³	8	14	19	12	5	31	50	64
Premium conversion plans				7				

¹ 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.

² 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.

³ 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.

27. Work stoppages involving 1,000 workers or more

Measure	Annual totals		1998						1999						
	1997	1998	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. ^P	Feb. ^P	Mar. ^P	Apr. ^P	May ^P	June ^P	July ^P
Number of stoppages:															
Beginning in period.....	29	34	3	6	1	5	3	3	1	2	0	1	3	2	1
In effect during period	34	34	6	7	4	7	7	6	5	5	2	3	6	6	6
Workers involved:															
Beginning in period (in thousands) ..	339	387	5.5	144.7	28.9	8.0	7.1	3.8	1.4	4.1	.0	8.0	9.6	2.2	1.7
In effect during period (in thousands)	351	387	163.1	145.9	42.6	10.6	13.7	10.4	9.2	10.3	4.4	12.4	22.0	21.6	16.3
Days idle:															
Number (in thousands)	4,497	5,116	2,043.2	580.4	320.4	148.7	160.3	171.0	129.0	104.1	101.2	256.8	314.8	309.4	266.4
Percent of estimated working time ¹	.01	.02	.07	.02	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01

¹ 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.
^P = preliminary.

28. 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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS															
All items.....	160.5	163.0	164.0	163.9	164.3	164.5	165.0	166.2	166.2	166.2	166.7	167.1	167.9	168.2	168.3
All items (1967 = 100).....	480.8	488.3	491.3	491.0	492.3	492.9	494.4	497.8	497.7	497.9	499.2	500.7	502.9	503.9	504.1
Food and beverages.....	157.7	161.1	162.5	162.7	163.9	163.8	163.7	163.9	164.2	164.1	164.2	164.7	165.1	165.5	165.7
Food.....	157.3	160.7	162.1	162.3	163.6	163.3	163.3	163.4	163.7	163.6	163.8	164.2	164.6	165.1	165.2
Food at home.....	158.1	161.1	162.5	162.6	164.3	163.8	163.4	163.5	163.9	163.7	163.7	164.1	164.5	165.1	165.1
Cereals and bakery products.....	177.6	181.1	182.1	182.3	184.2	183.8	183.5	184.8	185.1	185.7	186.3	184.9	185.2	185.2	184.8
Meats, poultry, fish, and eggs.....	148.5	147.3	147.9	147.3	146.4	147.0	146.8	146.7	146.7	147.2	147.3	148.5	149.2	149.2	150.5
Dairy and related products ¹	145.5	150.8	155.9	157.6	161.2	162.3	161.5	156.1	156.2	156.1	155.7	156.5	158.7	164.1	164.6
Fruits and vegetables.....	187.5	198.2	198.8	200.7	208.6	200.3	199.9	203.3	207.2	203.2	202.0	202.1	202.6	202.2	201.2
Nonalcoholic beverages and beverage materials.....	133.4	133.0	132.7	131.7	133.5	134.5	134.5	134.3	134.2	134.3	134.3	134.5	134.2	134.6	133.9
Other foods at home.....	147.3	150.8	152.7	152.4	153.0	153.3	152.9	153.6	153.4	153.6	153.7	154.2	153.9	153.7	153.0
Sugar and sweets.....	147.8	150.2	149.6	150.1	151.7	151.3	151.0	151.7	153.0	152.4	152.4	152.7	153.5	153.3	152.1
Fats and oils.....	141.7	146.9	155.1	151.9	150.5	150.9	149.4	149.0	147.2	147.5	148.1	148.6	148.5	149.0	145.3
Other foods.....	161.2	165.5	166.7	166.9	167.7	168.2	168.1	169.2	168.7	169.2	169.3	169.9	169.2	168.7	169.0
Other miscellaneous foods ^{1,2}		102.6	104.8	104.9	104.1	105.9	104.9	105.6	105.0	104.9	104.2	104.8	105.3	104.3	103.9
Food away from home ¹	157.0	161.1	162.6	163.0	163.5	163.8	164.2	164.5	164.6	164.6	165.1	165.6	165.8	166.2	166.5
Other food away from home ^{1,2}		101.6	103.3	103.3	103.5	103.7	103.7	104.0	104.3	104.4	105.5	105.8	106.4	106.8	106.9
Alcoholic beverages.....	162.8	165.7	166.8	167.2	167.6	168.6	168.4	168.8	169.3	169.5	169.9	170.2	170.7	170.5	171.2
Housing.....	156.8	160.4	161.3	161.3	161.8	162.3	162.8	163.0	163.0	164.1	164.7	165.0	165.2	165.0	164.9
Shelter.....	176.3	182.1	184.0	184.0	184.7	185.5	186.3	186.6	186.5	187.2	188.0	188.3	188.3	188.5	188.6
Rent of primary residence.....	166.7	172.1	174.5	174.9	175.3	175.6	176.0	176.4	176.7	177.1	177.5	177.9	178.4	178.8	179.8
Lodging away from home ²		109.0	106.3	103.8	107.1	110.5	114.5	114.6	111.8	113.8	117.1	117.1	113.8	113.1	108.5
Owners' equivalent rent of primary residence ³	181.9	187.8	190.3	190.7	191.0	191.3	191.5	191.9	192.2	192.6	193.0	193.4	193.9	194.2	194.9
Tenants' and household insurance ^{1,2}		99.8	99.9	99.9	99.7	100.1	100.2	100.3	100.5	102.2	102.1	102.2	102.3	102.2	102.1
Fuels and utilities.....	130.8	128.5	126.5	126.6	126.2	126.0	125.9	125.7	126.5	130.2	131.1	131.4	132.7	130.3	130.0
Fuels.....	117.9	113.7	111.4	111.4	110.9	110.6	110.5	110.2	111.0	115.1	116.0	116.2	117.6	115.0	114.6
Fuel oil and other fuels.....	99.8	90.0	86.8	86.1	86.6	86.2	86.2	87.7	87.7	87.3	87.5	89.2	93.9	97.6	100.7
Gas (piped) and electricity.....	125.1	121.2	118.9	118.9	118.3	118.0	117.9	117.5	118.4	123.0	124.0	124.1	125.3	122.0	121.4
Household furnishings and operations.....	125.4	126.6	126.6	126.6	126.8	126.7	126.7	127.2	126.7	126.8	126.8	126.8	127.0	126.6	126.4
Apparel.....	132.9	133.0	135.0	130.7	127.9	129.7	132.7	135.2	134.2	130.9	127.3	127.5	131.8	134.6	133.6
Men's and boys' apparel.....	130.1	131.8	134.1	130.3	128.1	129.9	131.4	133.5	133.8	131.4	128.3	127.1	130.5	134.0	133.2
Women's and girls' apparel.....	126.1	126.0	127.5	122.4	117.7	120.6	126.3	128.7	127.3	122.6	116.1	117.9	125.4	128.4	126.6
Infants' and toddlers' apparel ¹	129.0	126.1	131.3	129.6	130.0	126.4	125.6	128.2	127.6	126.8	127.4	128.3	129.9	132.4	132.6
Footwear.....	127.6	128.0	130.4	127.5	125.6	124.8	126.4	129.2	127.4	125.4	125.2	123.8	124.7	126.1	126.4
Transportation.....	144.3	141.6	141.5	140.7	140.4	139.8	140.6	144.3	144.2	143.4	144.7	145.7	146.5	147.3	147.6
Private transportation.....	141.0	137.9	138.0	137.2	136.7	135.9	136.4	140.1	140.2	139.7	140.6	141.9	142.9	143.3	143.6
New and used motor vehicles ²	100.5	100.1	100.7	100.9	100.6	99.9	99.6	99.7	99.7	99.7	99.8	99.7	100.1	100.5	100.9
New vehicles.....	144.3	143.4	143.5	144.1	144.4	143.8	143.4	143.3	142.9	142.5	142.0	141.4	141.6	142.3	143.1
Used cars and trucks ¹	151.1	150.6	154.0	153.1	150.6	148.3	147.4	148.3	149.6	150.9	152.3	153.8	155.7	156.4	156.1
Motor fuel.....	106.2	92.2	89.7	86.2	85.0	83.6	86.3	100.9	101.4	99.2	102.5	107.8	110.3	110.0	109.3
Gasoline (all types).....	105.8	91.6	89.2	85.7	84.5	83.1	85.8	100.4	100.8	98.6	101.9	107.2	109.7	109.4	108.7
Motor vehicle parts and equipment.....	101.9	101.1	101.4	101.2	101.2	100.9	100.1	100.3	100.2	100.1	100.0	100.1	100.6	100.5	101.2
Motor vehicle maintenance and repair.....	162.7	167.1	169.5	169.6	169.8	170.4	170.6	170.9	171.3	171.7	172.1	172.1	172.8	173.2	173.6
Public transportation.....	186.7	190.3	187.4	188.4	190.4	193.1	198.8	201.4	198.4	192.6	200.8	197.1	194.7	201.5	202.2
Medical care.....	234.6	242.1	244.7	245.2	246.6	247.7	248.3	249.1	249.5	250.2	251.1	251.9	252.3	252.8	253.3
Medical care commodities.....	215.3	221.8	224.5	225.6	225.9	226.8	227.7	229.3	229.4	230.5	231.7	232.5	233.1	233.2	233.7
Medical care services.....	239.1	246.8	249.3	249.6	251.3	252.6	253.1	253.5	254.0	254.6	255.5	256.2	256.6	257.1	257.7
Professional services.....	215.4	222.2	224.4	224.6	225.8	226.8	227.4	228.2	228.6	229.3	229.8	230.1	230.4	230.9	231.4
Hospital and related services.....	278.4	287.5	290.8	291.4	294.4	296.2	296.6	296.3	297.0	297.6	299.3	301.3	302.1	302.9	303.9
Recreation ²	99.6	101.1	101.3	101.2	101.7	101.8	101.8	102.0	102.2	102.2	102.2	102.2	101.7	101.8	101.9
Video and audio ^{1,2}	99.4	101.1	100.8	100.7	101.4	101.6	101.2	101.0	100.9	100.7	100.6	100.9	100.1	100.1	100.1
Education and communication ²	98.4	100.3	101.0	100.7	100.9	100.9	100.8	100.7	100.4	100.3	100.4	101.2	101.9	102.1	102.2
Education ²	97.3	102.1	104.6	104.7	105.0	105.3	105.4	105.5	105.6	105.7	106.0	107.5	109.4	109.6	109.3
Educational books and supplies.....	238.4	250.8	257.1	257.3	258.4	261.3	261.4	261.2	261.6	262.1	262.3	264.5	267.0	269.0	255.7
Tuition, other school fees, and child care.....	280.4	294.2	301.4	301.7	302.4	303.3	303.5	303.8	304.1	304.4	305.4	309.9	315.3	315.9	316.3
Communication ^{1,2}	100.3	98.7	97.8	97.1	97.3	96.9	96.6	96.3	95.7	95.5	95.5	95.6	95.3	95.3	95.9
Information and information processing ^{1,2}	100.4	98.5	97.6	96.9	96.9	96.5	96.1	95.8	95.2	94.9	94.9	95.0	94.7	94.7	95.3
Telephone services ^{1,2}		100.7	101.1	100.3	100.7	100.4	100.2	100.0	99.6	99.7	99.5	99.8	99.6	99.8	100.6
Information and information processing other than telephone services ^{1,4}	50.1	39.9	35.3	34.8	33.8	33.3	32.4	32.1	30.9	29.8	30.0	29.8	29.3	28.7	28.2
Personal computers and peripheral equipment ^{1,2}		78.2	65.6	64.2	61.4	59.7	57.6	56.8	55.7	54.5	52.9	50.9	49.7	48.2	47.0
Other goods and services.....	224.8	237.7	240.5	250.3	255.4	255.0	253.3	256.1	255.8	255.9	258.3	257.6	262.6	263.2	263.0
Tobacco and smoking products.....	243.7	274.8	281.3	331.2	354.2	348.7	335.9	349.9	345.5	343.2	356.0	350.1	373.8	373.3	369.8
Personal care ¹	152.7	156.7	158.0	158.3	158.9	159.4	160.0	160.2	160.7	161.1	161.1	161.4	161.8	162.4	162.8
Personal care products ¹	144.2	148.3	148.8	148.7	149.9	149.8	150.8	150.9	150.9	152.6	152.0	152.3	153.0	153.4	153.3
Personal care services ¹	162.4	166.0	167.6	168.3	168.8	169.3	169.9	170.3	171.0						

28. 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 = 100, unless otherwise indicated]

Series	Annual average		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Miscellaneous personal services.....	226.1	234.7	237.2	237.8	238.9	240.6	241.1	241.4	242.1	242.4	242.9	243.9	244.6	245.6	246.0
Commodity and service group:															
Commodities.....	141.8	141.9	142.5	142.2	142.5	142.2	142.6	144.6	144.5	143.9	143.9	144.5	145.8	146.4	146.2
Food and beverages	157.7	161.1	162.5	162.7	163.9	163.8	163.7	163.9	164.2	164.1	164.2	164.7	165.1	165.5	165.7
Commodities less food and beverages	132.2	130.5	130.6	130.2	129.9	129.6	130.2	133.2	132.8	131.9	131.9	132.5	134.3	134.9	134.6
Nondurables less food and beverages	134.6	132.6	132.9	132.1	131.8	131.9	133.2	138.6	138.2	136.6	136.7	138.0	141.0	141.9	141.3
Apparel	132.9	133.0	135.0	130.7	127.9	129.7	132.7	135.2	134.2	130.9	127.3	127.5	131.8	134.6	133.6
Nondurables less food, beverages, and apparel	140.6	137.4	136.8	137.8	138.8	138.0	138.5	145.7	145.6	144.8	146.8	148.8	151.2	151.2	150.7
Durables	128.7	127.6	127.4	127.4	127.1	126.4	126.0	126.1	125.8	125.7	125.6	125.4	125.7	125.9	126.0
Services	179.4	184.2	185.6	185.7	186.3	186.9	187.6	187.8	187.9	188.6	189.5	189.9	190.1	190.2	190.5
Rent of shelter ³	183.4	189.6	191.5	191.5	192.3	193.1	193.9	194.3	194.2	194.9	195.7	196.1	196.1	196.3	196.3
Transportation services	185.0	187.9	188.3	188.4	188.8	189.3	190.7	191.0	190.4	189.3	191.0	190.2	189.9	191.9	192.7
Other services	209.6	216.9	219.5	219.5	220.5	221.1	221.3	221.7	221.9	222.2	222.6	223.9	224.5	225.1	226.0
Special indexes:															
All items less food	161.1	163.4	164.3	164.2	164.5	164.7	165.3	166.7	166.6	166.7	167.2	167.7	168.5	168.8	168.8
All items less shelter	155.9	157.2	157.9	157.8	158.1	158.1	158.5	159.9	159.9	159.7	160.1	160.6	161.6	162.0	162.1
All items less medical care	156.3	158.6	159.5	159.4	159.8	160.0	160.5	161.6	161.6	161.6	162.0	162.5	163.2	163.6	163.6
Commodities less food	133.4	132.0	132.1	131.7	131.4	131.1	131.7	134.6	134.3	133.4	133.4	134.0	135.8	136.3	136.1
Nondurables less food	136.3	134.6	135.0	134.2	133.9	134.0	135.3	140.4	140.1	138.6	138.7	139.9	142.8	143.7	143.1
Nondurables less food and apparel	141.8	139.2	138.8	139.7	140.7	140.0	140.5	147.0	147.0	146.3	148.2	150.0	152.3	152.3	151.9
Nondurables	146.4	146.9	147.8	147.5	147.9	147.9	148.5	151.4	151.4	150.5	150.6	151.5	153.2	154.0	153.7
Services less rent of shelter ³	188.1	191.8	192.7	192.8	193.3	193.8	194.2	194.5	194.7	195.6	196.5	196.9	197.3	197.4	197.9
Services less medical care services	173.9	178.4	179.7	179.8	180.3	180.9	181.5	181.8	181.8	182.6	183.4	183.8	183.9	184.1	184.3
Energy	111.5	102.9	100.5	98.9	98.1	97.3	98.4	105.0	105.6	106.8	108.7	111.3	113.2	111.6	111.2
All items less energy	167.1	170.9	172.3	172.3	172.9	173.2	173.7	174.2	174.1	174.0	174.3	174.5	175.1	175.7	175.8
All items less food and energy	169.5	173.4	174.8	174.8	175.3	175.7	176.2	176.8	176.6	176.6	176.9	177.1	177.7	178.3	178.4
Commodities less food and energy	142.3	143.2	143.8	143.9	143.7	143.7	143.9	144.9	144.5	143.7	143.2	143.0	144.6	145.3	145.0
Energy commodities.....	105.7	92.1	89.6	86.3	85.2	83.9	86.4	99.9	100.3	98.3	101.3	106.3	109.1	109.1	108.7
Services less energy	185.0	190.6	192.4	192.5	193.2	194.0	194.7	195.0	195.0	195.3	196.1	196.5	196.6	197.2	197.5
CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS															
All items.....	157.6	159.7	160.7	160.7	161.0	161.1	161.4	162.7	162.8	162.8	163.3	163.8	164.7	165.0	165.1
All items (1967 = 100).....	469.3	475.6	478.6	478.6	479.7	479.8	480.9	484.7	484.9	485.0	486.3	487.8	490.5	491.5	491.7
Food and beverages.....	157.2	160.4	161.7	161.9	163.1	163.0	162.9	163.0	163.3	163.4	163.9	164.3	164.7	164.9	164.9
Food.....	156.8	160.0	161.4	161.5	162.8	162.6	162.6	162.6	162.9	162.8	163.0	163.5	163.9	164.4	164.5
Food at home	157.2	160.0	161.3	161.3	163.1	162.6	162.3	162.2	162.6	162.5	162.5	162.9	163.5	164.0	164.0
Cereals and bakery products	177.3	180.9	181.9	182.0	184.0	183.5	183.2	184.5	184.8	185.5	186.1	184.8	185.0	185.0	184.5
Meats, poultry, fish, and eggs	148.2	147.0	147.6	146.9	146.0	146.7	146.4	146.3	146.1	146.9	146.8	148.2	148.9	148.8	150.1
Dairy and related products ¹	145.2	150.4	155.5	157.4	161.1	162.2	161.5	155.7	155.8	155.7	155.3	156.0	158.4	164.0	164.6
Fruits and vegetables	186.6	197.0	197.6	199.0	207.3	199.3	198.7	201.7	205.3	201.9	201.0	201.2	201.6	201.0	199.8
Nonalcoholic beverages and beverage materials	132.3	131.8	131.4	130.4	132.5	133.4	133.6	133.2	133.1	133.2	133.1	133.2	133.0	133.4	132.7
Other foods at home	146.8	150.2	152.0	151.7	152.4	152.6	152.3	153.0	152.6	152.8	153.0	153.5	153.3	152.9	152.3
Sugar and sweets	147.7	150.1	149.5	150.0	151.8	151.3	151.1	151.7	152.8	152.0	152.0	152.6	153.3	153.2	152.0
Fats and oils	141.4	146.5	154.4	151.2	150.1	150.6	148.9	148.6	147.0	147.2	147.8	148.3	148.1	148.6	144.9
Other foods	161.1	165.4	166.6	166.7	167.7	168.1	168.0	169.0	168.5	169.0	169.2	169.7	169.2	168.5	168.8
Other miscellaneous foods ^{1,2}		102.6	104.9	104.9	104.2	105.9	105.0	105.2	104.7	104.4	103.9	104.4	105.1	103.8	103.4
Food away from home ¹	157.0	161.1	162.6	163.0	163.5	163.8	164.1	164.4	164.5	164.4	164.9	165.5	165.8	166.1	166.5
Other food away from home ^{1,2}		101.6	103.4	103.4	103.6	103.7	103.8	104.1	104.2	104.5	105.3	105.8	106.2	106.6	106.8
Alcoholic beverages	162.1	164.6	165.7	166.2	166.5	167.6	167.3	167.8	168.5	168.7	169.1	169.2	169.8	169.5	170.4
Housing.....	153.4	156.7	157.7	157.8	158.1	158.4	158.8	159.1	159.2	160.2	160.7	161.0	161.3	161.0	161.1
Shelter.....	171.2	176.6	178.6	178.8	179.3	179.9	180.5	180.8	180.9	181.5	182.0	182.4	182.6	182.8	183.1
Rent of primary residence	166.3	171.7	174.1	174.6	174.9	175.3	175.6	176.0	176.4	176.8	177.1	177.5	178.0	178.4	179.3
Lodging away from home ²		109.0	106.6	104.0	107.1	110.3	114.2	114.5	112.0	113.8	116.7	116.8	113.8	113.1	108.4
Owners' equivalent rent of primary residence ³	165.8	171.1	173.4	173.7	173.9	174.2	174.5	174.8	175.1	175.4	175.7	176.1	176.5	176.8	177.4
Tenants' and household insurance ^{1,2}		100.0	100.3	100.3	100.1	100.4	100.6	100.6	100.9	102.3	102.2	102.3	102.5	102.4	102.3
Fuels and utilities	130.5	128.4	126.4	126.4	126.0	125.8	125.8	125.8	126.3	130.2	131.1	131.4	132.6	130.1	129.8
Fuels.....	117.3	113.3	110.9	110.9	110.4	110.2	110.0	109.7	110.6	114.7	115.7	115.9	117.2	114.4	114.0
Fuel oil and other fuels	99.6	90.3	87.4	86.6	87.1	86.8	85.8	88.1	88.0	87.8	87.6	89.3	93.9	97.7	100.7
Gas (piped) and electricity	124.6	120.8	118.3	118.4	117.7	117.5	117.3	116.9	117.9	122.6	123.6	123.7	124.9	121.5	120.9
Household furnishings and operations	123.9	125.0	124.8	124.8	125.0	124.8	124.9	125.2	124.8	124.8	124.9	124.7	124.8	124.5	124.2
Apparel.....	132.1	131.6	134.0	129.8	127.1	128.5	131.1	133.7	133.0	129.6	126.4	126.4	130.5	133.1	132.3
Men's and boys' apparel	129.9	131.4	134.0	130.2	128.1	129.9	131.6	133.6	134.0	131.6	128.6	127.2	130.3	134.0	133.3
Women's and girls' apparel	124.9	123.9	125.9	121.0	116.4	118.8	123.9	126.5	125.5	120.6	114.4	116.0	123.3	126.0	124.4
Infants' and toddlers' apparel ¹	130.1	126.7	132.7	130.9	130.8	127.2	126.5	129.3	128.9	128.0	128.4	129.6	131.4	134.1	134.3
Footwear	128.5	128.7	130.9	128.2	126.1	125.4	126.8	129.5	127.9	125.8	125.8	124.4	125.1	126.6	126.9
Transportation.....	143.6	140.5	140.6	139.6	139.1	138.3	139.1	142.9	143.1	142.4	143.7	145.0	146.0	146.6	146.9
Private transportation.....	141.3	138.0	138.2	137.1	136.5	135.6	136.2	140.1	140.3	139.9	140.9	142.4	143.6	143.9	144.2
New and used motor vehicles ²	100.7	100.3	101.1	101.1	100.6	99.9	99.5	99.7	99.8	100.0	100.1	100.2	100.7	101.2	101.5

28. 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		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
New vehicles	145.5	144.6	144.7	145.3	145.5	145.0	144.5	144.5	144.0	143.6	143.2	142.6	142.8	143.5	144.3
Used cars and trucks ¹	152.6	152.0	155.2	154.3	151.8	149.6	148.7	149.6	150.9	152.2	153.7	155.2	157.0	157.7	157.3
Motor fuel	106.2	92.2	89.7	86.0	85.0	83.5	86.4	100.8	101.3	99.2	102.6	107.8	110.6	110.0	109.5
Gasoline (all types)	105.8	91.7	89.2	85.5	84.5	83.0	85.9	100.3	100.8	98.7	102.1	107.3	110.0	109.4	108.9
Motor vehicle parts and equipment	101.0	100.5	100.7	100.5	100.6	100.5	99.8	99.6	99.7	99.6	99.5	99.6	99.9	99.8	100.6
Motor vehicle maintenance and repair	163.7	168.2	170.8	170.9	171.2	171.8	172.0	172.3	172.7	173.1	173.5	173.5	174.3	174.7	175.1
Public transportation.....	184.2	187.1	184.2	185.1	186.8	189.1	194.1	196.4	193.9	189.0	195.7	192.5	190.7	196.3	197.0
Medical care.....	234.0	241.4	244.0	244.4	245.8	246.9	247.5	248.2	248.7	249.4	250.3	251.0	251.4	251.9	252.5
Medical care commodities.....	212.6	218.6	221.1	222.1	222.4	223.2	223.9	225.7	225.7	226.6	227.8	228.4	229.0	229.1	229.5
Medical care services.....	238.8	246.6	249.1	249.4	251.0	252.3	252.8	253.3	253.8	254.5	255.3	256.0	256.4	257.0	257.6
Professional services	216.7	223.7	225.9	226.2	227.3	228.3	228.9	229.7	230.2	231.0	231.4	231.7	232.0	232.5	233.1
Hospital and related services	274.7	283.6	286.9	287.4	290.4	292.4	292.8	292.3	293.0	293.6	295.3	297.3	298.2	298.9	299.8
Recreation ²	100.9	100.8	100.8	100.8	101.2	101.3	101.3	101.4	101.5	101.6	101.6	101.5	101.0	101.1	101.0
Video and audio ^{1,2}	101.1	100.8	100.7	101.3	101.4	101.0	100.8	100.6	100.5	100.4	100.7	99.8	99.9	99.9	99.9
Education and communication ²	100.4	101.2	100.9	101.2	101.2	101.0	100.9	100.7	100.7	100.8	101.5	102.1	102.3	102.5	102.5
Education ²	102.1	104.6	104.7	105.1	105.5	105.6	105.7	105.9	106.0	106.3	107.7	109.5	109.7	109.4	109.4
Educational books and supplies	240.4	253.1	259.5	259.7	260.8	263.9	264.0	263.9	264.3	264.8	265.0	267.2	269.9	271.8	256.5
Tuition, other school fees, and child care ...	274.6	288.5	295.4	295.8	296.6	297.8	298.0	298.3	298.7	299.2	300.2	304.1	309.5	310.0	310.4
Communication ^{1,2}	99.1	98.5	97.8	98.1	97.7	97.4	97.4	97.0	96.5	96.4	96.3	96.5	96.2	96.3	96.9
Information and information processing ^{1,2}	99.0	98.4	97.7	97.8	97.4	97.1	96.7	96.2	96.0	96.0	96.1	95.8	95.9	96.6	96.6
Telephone services ^{1,2}	100.7	101.2	100.4	100.8	100.5	100.4	100.0	99.8	99.9	99.9	99.7	99.9	99.7	100.0	100.8
Information and information processing other than telephone services ^{1,4}	51.1	41.2	36.6	36.0	35.0	34.4	33.5	33.0	31.8	30.8	31.1	30.8	30.3	29.9	29.3
Personal computers and peripheral equipment ^{1,2}		77.9	65.3	64.0	61.1	59.3	56.9	55.9	55.1	54.0	52.5	50.6	49.4	48.1	46.9
Other goods and services.....	221.6	236.1	239.2	252.6	259.2	258.3	255.6	259.5	258.8	258.7	262.0	260.7	267.3	267.9	267.4
Tobacco and smoking products.....	243.3	274.8	281.4	332.0	354.5	348.9	336.0	350.5	345.9	343.5	356.6	350.6	374.4	374.0	370.4
Personal care ¹	152.6	156.8	158.1	158.3	159.1	159.6	160.3	160.4	160.8	161.3	161.3	161.6	161.9	162.6	163.0
Personal care products ¹	145.1	149.3	149.8	149.6	150.7	150.8	151.6	151.7	151.6	153.3	152.7	153.1	153.7	154.1	154.0
Personal care services ¹	162.5	166.3	168.0	168.6	169.1	169.6	170.2	170.6	171.4	171.2	171.8	172.2	172.4	173.2	174.4
Miscellaneous personal services.....	225.2	234.0	236.9	237.4	239.1	240.8	241.4	241.7	242.3	242.6	243.2	243.8	244.5	245.5	245.9
Commodity and service group:															
Commodities.....	141.8	141.8	142.4	142.3	142.5	142.2	142.5	144.7	144.6	144.0	144.2	144.8	146.3	146.8	146.6
Food and beverages	157.2	160.4	161.7	161.9	163.1	163.0	162.9	163.0	163.3	163.4	163.9	163.9	164.3	164.9	164.9
Commodities less food and beverages	132.4	130.6	130.9	130.6	130.4	129.9	130.3	133.6	133.4	132.5	132.7	133.4	135.4	165.9	135.6
Nondurables less food and beverages	134.5	132.1	132.5	132.1	132.0	131.8	133.1	139.1	138.8	137.0	137.5	138.8	142.1	142.9	142.2
Apparel	132.1	131.6	134.0	129.8	127.1	128.5	131.1	133.7	133.0	129.6	126.4	126.4	130.5	133.1	132.3
Nondurables less food, beverages, and apparel	140.4	137.0	136.3	137.9	139.2	138.2	138.7	146.7	146.6	145.7	148.1	150.2	153.2	153.1	152.5
Durables	128.4	127.3	127.4	127.4	126.9	126.1	125.7	125.8	125.6	125.6	125.7	125.7	126.1	126.3	126.4
Services	176.5	181.0	182.4	182.5	183.0	183.5	184.0	184.2	184.4	185.2	185.9	186.3	186.6	186.7	187.1
Rent of shelter ³	164.7	170.1	172.0	172.2	172.7	173.2	173.8	174.1	174.2	174.7	175.3	175.6	175.8	176.1	176.3
Transportation services	182.6	185.4	186.1	186.1	186.4	186.8	187.8	187.9	187.5	186.7	188.0	187.4	187.3	189.0	189.8
Other services	206.4	213.7	216.2	216.1	217.1	217.7	217.8	218.1	218.4	218.8	219.2	220.3	220.9	221.6	222.3
Special indexes:															
All items less food	157.6	159.5	160.4	160.4	160.5	160.6	161.1	162.6	162.6	162.7	163.2	163.7	164.7	165.0	165.1
All items less shelter	154.0	155.0	155.7	155.6	155.9	155.8	156.1	157.7	157.7	157.6	158.0	158.6	159.7	160.1	160.1
All items less medical care	154.0	155.8	156.8	156.8	157.1	157.1	157.5	158.8	158.8	158.8	159.2	159.7	160.7	161.0	161.1
Commodities less food	133.6	132.0	132.2	132.0	131.8	131.3	131.8	135.0	134.8	133.9	134.2	134.8	136.7	137.2	137.0
Nondurables less food	136.2	134.1	134.5	134.1	134.1	134.0	135.1	140.8	140.6	138.9	139.4	140.7	143.8	144.6	144.0
Nondurables less food and apparel	141.6	138.7	138.2	139.7	140.9	140.0	140.5	147.9	147.9	147.0	149.3	151.2	154.0	153.8	153.4
Nondurables	146.2	146.5	147.4	147.3	147.8	147.7	148.3	151.4	151.4	150.5	150.8	151.7	153.6	154.3	154.0
Services less rent of shelter ³	167.6	170.7	171.4	171.5	171.9	172.3	172.6	172.7	173.0	174.0	174.7	175.0	175.5	175.4	175.8
Services less medical care services	171.2	175.4	176.8	176.9	177.3	177.8	178.2	178.4	178.6	179.4	180.1	180.4	180.7	180.8	181.1
Energy	111.1	102.1	99.6	97.8	97.0	96.1	97.5	104.5	105.2	106.2	108.4	111.1	113.1	111.4	111.0
All items less energy	164.1	167.6	169.1	169.3	169.8	170.0	170.2	170.7	170.7	170.6	170.9	171.1	171.8	172.4	172.6
All items less food and energy	166.0	169.6	171.1	171.3	171.6	171.9	172.2	172.9	172.8	172.7	172.9	173.1	173.9	174.5	174.7
Commodities less food and energy	141.9	142.7	143.6	144.1	144.0	143.7	143.7	144.8	144.5	143.8	143.5	143.3	145.0	145.7	145.4
Energy commodities.....	105.9	92.3	89.7	86.2	85.2	83.8	86.6	100.2	100.6	98.6	101.8	106.8	109.7	109.4	109.1
Services less energy	182.2	187.7	189.6	189.7	190.3	190.9	191.5	191.8	191.9	192.2	192.8	193.2	193.4	194.0	194.4

¹ Not seasonally adjusted.

² Indexes on a December 1997 = 100 base.

³ Indexes on a December 1982 = 100 base.

⁴ Indexes on a December 1988 = 100 base.

Data not available.

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

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

[1982 = 100, unless otherwise indicated]

Area	Pricing schedule ¹	All Urban Consumers						Urban Wage Earners							
		1998		1999				1998		1999					
		Oct.	Nov.	July	Aug.	Sept.	Oct.	Nov.	Oct.	Nov.	July	Aug.	Sept.	Oct.	Nov.
U.S. city average	M	164.0	164.0	166.7	167.1	167.9	168.2	168.3	160.6	160.7	163.3	163.8	164.7	165.0	165.1
Region and area size²															
Northeast urban	M	171.3	171.2	173.4	174.1	174.8	175.5	175.5	168.1	168.2	170.2	170.9	171.9	172.5	172.6
Size A More than 1,500,000	M	172.3	172.2	174.5	175.1	175.7	176.4	176.5	168.1	168.2	170.3	171.0	171.8	172.5	172.7
Size B/C 50,000 to 1,500,000 ³	M	102.6	102.6	103.9	104.3	105.1	105.3	105.1	102.2	102.2	103.4	103.8	104.7	105.0	105.0
Midwest urban ⁴	M	160.1	160.1	162.9	163.2	164.3	164.3	164.6	156.2	156.2	159.1	159.4	160.6	160.6	160.9
Size A More than 1,500,000	M	161.4	161.3	164.6	164.8	165.7	165.7	165.6	156.7	156.7	159.9	160.2	161.1	161.1	161.0
Size B/C 50,000 to 1,500,000 ³	M	102.4	102.4	103.9	104.2	105.1	105.0	105.6	102.1	102.1	103.8	104.0	105.1	105.0	105.5
Size D Nonmetropolitan (less than 50,000)	M	154.3	154.7	157.2	157.7	158.6	158.7	159.3	152.4	152.9	155.4	156.1	157.1	157.2	157.6
South urban	M	159.8	159.6	162.2	162.6	163.2	163.6	163.5	157.8	157.7	160.1	160.6	161.5	161.9	161.8
Size A More than 1,500,000	M	159.0	158.6	161.4	161.9	162.7	163.2	162.9	156.6	156.2	158.9	159.5	160.4	160.9	160.6
Size B/C 50,000 to 1,500,000 ³	M	102.8	102.8	104.3	104.4	104.8	105.1	105.1	102.4	102.4	103.9	104.0	104.6	104.9	104.9
Size D Nonmetropolitan (less than 50,000)	M	159.8	160.0	162.6	163.7	164.1	164.1	164.1	160.4	160.6	163.0	164.1	164.8	164.8	165.0
West urban	M	165.5	165.8	168.9	169.5	170.0	170.4	170.4	161.5	161.8	164.7	165.3	165.8	166.2	166.2
Size A More than 1,500,000	M	166.3	166.5	169.9	170.5	171.2	171.6	171.6	160.5	160.7	164.0	164.7	165.3	165.6	165.7
Size B/C 50,000 to 1,500,000 ³	M	103.0	103.5	104.9	105.2	105.2	105.5	105.5	102.8	103.3	104.7	105.1	105.1	105.4	105.3
Size classes:															
A ⁵	M	148.5	148.5	151.1	151.6	152.2	152.6	152.5	147.0	147.0	149.6	150.1	150.8	151.2	151.2
B/C ³	M	102.7	102.8	104.2	104.5	105.0	105.2	105.3	102.4	102.4	103.9	104.1	104.8	105.0	105.0
D	M	159.7	159.9	162.4	163.1	163.7	163.8	164.2	158.9	159.1	161.3	162.1	163.0	163.1	163.5
Selected local areas⁶															
Chicago Gary Kenosha, IL IN WI	M	165.7	165.4	169.4	169.3	169.7	169.7	169.3	160.0	159.9	163.4	163.5	164.1	164.0	163.7
Los Angeles Riverside Orange County, CA	M	163.2	163.4	165.8	166.3	167.2	167.2	167.1	156.8	157.0	159.2	159.8	160.7	160.7	160.6
New York, NY Northern NJ Long Island, NY NJ CT PA	M	174.8	174.7	177.2	177.6	178.2	178.9	178.8	170.5	170.5	172.5	173.2	173.9	174.5	174.6
Boston Brockton Nashua, MA NH ME CT	1		172.1	175.3		176.8		179.2		171.5	173.3		175.2		177.8
Cleveland Akron, OH	1		161.5	162.8		164.2		163.8		152.8	154.9		156.4		156.1
Dallas Ft Worth, TX	1		154.5	158.3		159.8		160.1		153.8	158.0		159.6		159.8
Washington Baltimore, DC MD VA WV ⁷	1		102.9	104.6		105.4		105.0		102.2	104.3		105.3		104.9
Atlanta, GA	2	162.0			165.9		166.5		159.2			163.2		164.0	
Detroit Ann Arbor Flint, MI	2	161.0			164.2		165.9		155.7			158.7		160.4	
Houston Galveston Brazoria, TX	2	148.5			148.9		151.2		146.9			147.9		149.9	
Miami Ft. Lauderdale, FL	2	161.1			162.3		164.1		158.6			160.0		161.9	
Philadelphia Wilmington Atlantic City, PA NJ DE MD	2	170.3			173.1		174.4		169.3			172.6		174.3	
San Francisco Oakland San Jose, CA	2	167.2			173.5		175.2		163.4			170.0		171.2	
Seattle Tacoma Bremerton, WA	2	169.3			173.4		174.7		164.9			168.8		170.2	

¹ 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.

² Regions defined as the four Census regions.

³ Indexes on a December 1996 = 100 base.

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

⁵ Indexes on a December 1986 = 100 base.

⁶ 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 Hamilton, OH KY IN; Denver Boulder Greeley, CO; Honolulu, HI; 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.

⁷ Indexes on a November 1996 = 100 base.

Data not available.

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.

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

[1982 84 = 100]

Series	1990	1991	1992	1993	1994	1995	1996	1997	1998
Consumer Price Index for All Urban Consumers:									
All items:									
Index.....	130.7	136.2	140.3	144.5	148.2	152.4	156.9	160.5	163.0
Percent change.....	5.4	4.2	3.0	3.0	2.6	2.8	3.0	2.3	1.6
Food and beverages:									
Index.....	132.1	136.8	138.7	141.6	144.9	148.9	153.7	157.7	161.1
Percent change.....	5.8	3.6	1.4	2.1	2.3	2.8	3.2	2.6	2.2
Housing:									
Index.....	128.5	133.6	137.5	141.2	144.8	148.5	152.8	156.8	160.4
Percent change.....	4.5	4.0	2.9	2.7	2.5	2.6	2.9	2.6	2.3
Apparel:									
Index.....	124.1	128.7	131.9	133.7	133.4	132.0	131.7	132.9	133.0
Percent change.....	4.6	3.7	2.5	1.4	.2	1.0	0.2	.9	.1
Transportation:									
Index.....	120.5	123.8	126.5	130.4	134.3	139.1	143.0	144.3	141.6
Percent change.....	5.6	2.7	2.2	3.1	3.0	3.6	2.8	0.9	1.9
Medical care:									
Index.....	162.8	177.0	190.1	201.4	211.0	220.5	228.2	234.6	242.1
Percent change.....	9.0	8.7	7.4	5.9	4.8	4.5	3.5	2.8	3.2
Other goods and services:									
Index.....	159.0	171.6	183.3	192.9	198.5	206.9	215.4	224.8	237.7
Percent change.....	7.7	7.9	6.8	5.2	2.9	4.2	4.1	4.4	5.7
Consumer Price Index for Urban Wage Earners and Clerical Workers:									
All items:									
Index.....	129.0	134.3	138.2	142.1	145.6	149.8	154.1	157.6	159.7
Percent change.....	5.2	4.1	2.9	2.8	2.5	2.9	2.9	2.3	1.3

31. Producer Price Indexes, by stage of processing

[1982 = 100]

Grouping	Annual average		1998		1999										
	1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Finished goods....	131.8	130.7	130.9	131.1	131.4	130.8	131.1	131.9	132.4	132.7	132.9	133.7	134.8	135.0	135.0
Finished consumer goods.....	130.2	128.9	129.0	129.4	129.7	129.0	129.4	130.4	131.2	131.7	132.1	133.1	134.6	134.4	134.5
Finished consumer goods.....	134.5	134.3	134.9	134.5	135.6	134.1	134.7	133.4	134.5	135.1	134.6	135.7	137.0	135.6	135.4
Finished consumer goods excluding foods.....	128.2	126.4	126.4	127.1	127.1	126.6	127.0	129.0	129.6	130.0	130.8	131.8	133.4	133.7	133.9
Nondurable goods less food.....	124.3	122.2	121.4	122.7	122.9	122.2	122.9	125.7	126.6	127.5	128.9	130.3	132.8	131.6	132.0
Durable goods.....	133.7	132.9	134.4	133.8	133.3	133.5	133.1	133.1	132.8	132.3	131.7	131.5	131.1	134.8	134.6
Capital equipment.....	138.2	137.6	138.2	137.9	137.8	138.0	137.7	137.8	137.6	137.2	137.0	136.9	136.7	138.5	138.3
Intermediate materials, supplies, and components.....	125.6	123.0	121.8	120.9	120.9	120.4	120.7	121.6	122.2	123.0	123.9	124.7	125.2	125.2	125.4
Materials and components for manufacturing.....	128.3	126.1	124.6	124.1	123.9	123.5	123.4	123.2	123.8	124.1	124.6	124.9	125.1	125.9	126.0
Materials for food manufacturing.....	123.2	123.2	125.5	124.0	124.3	122.2	121.4	118.1	119.6	120.0	119.0	121.1	122.5	122.4	121.4
Materials for nondurable manufacturing...	129.6	126.7	123.9	123.3	123.0	122.5	122.6	122.7	123.3	123.8	124.8	125.3	125.8	127.3	127.8
Materials for durable manufacturing.....	132.8	128.0	125.1	124.2	123.5	123.2	123.2	123.2	124.3	124.8	126.1	126.2	125.8	126.5	126.8
Components for manufacturing.....	126.4	125.9	125.8	125.8	125.8	125.7	125.7	125.7	125.6	125.7	125.6	125.6	125.6	125.9	125.7
Materials and components for construction.....	146.5	146.8	146.6	146.6	146.9	147.3	147.8	148.0	148.5	149.5	150.5	150.4	149.7	149.2	149.3
Processed fuels and lubricants.....	89.3	81.1	79.0	75.8	76.1	74.9	76.2	80.6	82.5	84.9	87.6	90.1	92.5	90.3	91.2
Containers.....	136.0	140.8	139.4	138.7	138.3	138.0	138.5	140.4	141.6	142.2	142.1	144.5	146.3	146.6	146.5
Supplies.....	135.9	134.8	134.3	134.3	134.1	133.8	133.7	133.8	133.7	133.9	133.9	134.4	134.4	134.9	135.1
Crude materials for further processing.....	111.1	96.8	93.6	89.8	90.1	88.2	89.0	91.1	97.4	97.4	97.9	102.1	106.9	104.9	108.6
Foodstuffs and feedstuffs.....	112.2	103.9	102.4	97.0	101.2	98.2	98.8	95.4	99.6	99.5	96.2	100.1	100.5	99.6	99.5
Crude nonfood materials.....	106.4	88.4	84.1	81.6	79.2	78.1	79.1	84.8	92.3	92.5	95.5	99.9	107.4	104.7	110.9
Special groupings:															
Finished goods, excluding foods.....	130.9	129.5	129.6	130.0	130.0	129.7	129.9	131.3	131.6	131.8	132.3	133.0	134.0	134.7	134.8
Finished energy goods.....	83.4	75.1	72.8	70.8	71.3	70.1	71.2	75.9	77.5	78.6	80.7	83.6	85.9	83.6	84.0
Finished goods less energy.....	140.2	141.1	142.1	142.9	143.0	142.7	142.7	142.3	142.5	142.6	142.3	142.5	143.2	144.2	144.0
Finished consumer goods less energy.....	141.0	142.5	143.6	144.9	145.1	144.6	144.7	144.2	144.6	144.8	144.5	144.7	145.9	146.5	146.4
Finished goods less food and energy.....	142.4	143.7	144.8	146.1	145.9	146.0	145.8	145.8	145.6	145.5	145.3	145.1	145.6	147.5	147.4
Finished consumer goods less food and energy.....	145.1	147.7	149.1	151.6	151.2	151.3	151.2	151.2	151.0	151.0	150.9	150.5	151.6	153.5	153.5
Consumer nondurable goods less food and energy.....	153.4	159.1	160.3	165.4	165.2	165.2	165.3	165.2	165.2	165.7	165.9	165.5	167.7	168.0	168.3
Intermediate materials less foods and feeds.....	125.7	123.4	122.2	121.3	121.2	120.9	121.2	122.3	122.9	123.7	124.7	125.4	125.9	125.9	126.2
Intermediate foods and feeds.....	125.4	116.2	115.5	114.5	114.6	112.6	111.0	109.0	109.8	110.2	109.1	110.9	112.1	112.5	112.0
Intermediate energy goods.....	89.0	80.8	78.8	75.5	75.9	74.7	76.0	80.3	82.2	84.6	87.2	89.8	92.1	90.0	90.9
Intermediate goods less energy.....	133.7	132.4	131.4	131.1	130.9	130.6	130.6	130.7	131.1	131.5	131.9	132.3	132.4	132.9	133.0
Intermediate materials less foods and energy.....	134.2	133.5	132.4	132.1	131.9	131.8	131.9	132.1	132.5	132.9	133.4	133.7	133.7	134.2	134.4
Crude energy materials.....	87.3	68.6	66.9	64.2	61.0	58.8	60.5	68.1	77.1	77.1	80.4	85.2	94.1	89.6	97.5
Crude materials less energy.....	123.5	113.6	109.3	104.9	108.1	106.4	106.6	103.9	107.6	107.7	105.8	109.4	110.4	110.6	110.6
Crude nonfood materials less energy.....	156.5	142.1	130.2	128.1	128.8	130.9	129.9	129.1	131.4	132.2	134.2	136.8	139.6	142.5	142.8

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

[December 1984 = 100, unless otherwise indicated]

SIC	Industry	Annual average		1998		1999										
		1997	1998	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
	Total mining industries.....	86.1	70.8	68.9	66.8	64.1	62.5	63.4	68.9	76.5	76.3	78.7	83.3	90.9	88.4	93.9
10	Metal mining.....	85.8	73.2	71.0	69.5	68.2	69.3	68.3	69.8	69.7	67.3	68.8	69.5	71.0	77.8	73.5
12	Coal mining (12/85 = 100).....	92.2	89.5	89.6	91.4	85.5	89.2	89.3	89.9	87.8	88.2	86.9	86.1	84.0	86.9	86.5
13	Oil and gas extraction (12/85 = 100).....	87.5	68.3	65.9	62.9	60.3	57.3	58.6	65.7	76.3	76.2	79.6	85.9	96.4	91.9	99.8
14	Mining and quarrying of nonmetallic minerals, except fuels.....	128.8	132.2	132.8	132.7	133.0	133.5	133.6	133.8	133.8	134.2	134.2	134.4	133.8	134.0	134.2
	Total manufacturing industries.....	127.5	126.2	126.2	125.9	126.2	125.9	126.3	127.4	127.7	127.8	128.3	129.0	129.7	130.1	130.3
20	Food and kindred products.....	127.9	126.3	126.6	126.1	126.6	125.8	125.6	124.3	125.3	126.0	125.9	126.7	127.6	127.4	127.2
21	Tobacco manufactures.....	210.8	243.1	248.4	316.0	316.5	316.3	315.8	316.0	316.1	316.2	316.1	316.4	344.4	344.4	344.6
22	Textile mill products.....	118.8	118.6	117.8	117.6	117.1	116.6	117.0	116.4	116.4	116.3	115.9	115.7	115.9	116.1	116.0
23	Apparel and other finished products made from fabrics and similar materials.....	123.4	124.8	125.0	124.9	125.0	125.1	125.2	125.3	125.3	125.1	125.1	124.9	124.9	125.5	125.6
24	Lumber and wood products, except furniture.....	158.9	157.0	155.2	155.7	156.7	158.3	160.1	160.2	161.9	165.2	168.5	166.6	162.9	159.9	160.0
25	Furniture and fixtures.....	138.2	139.7	140.0	140.2	140.5	140.5	140.6	140.7	140.9	141.1	141.3	141.4	141.5	141.8	141.8
26	Paper and allied products.....	133.5	136.2	134.0	133.5	133.0	132.6	133.3	134.2	134.8	135.8	136.3	137.8	138.8	139.8	140.2
27	Printing, publishing, and allied industries.....	169.1	174.0	175.2	175.2	176.4	176.5	177.0	177.1	177.2	177.2	177.4	177.7	177.7	178.3	178.8
28	Chemicals and allied products.....	147.1	148.7	148.1	147.9	147.5	147.3	147.5	147.7	148.2	149.0	149.9	149.8	150.3	151.9	152.2
29	Petroleum refining and related products.....	85.6	66.3	63.3	56.3	58.6	56.2	59.9	73.7	75.4	74.2	79.6	85.8	89.9	86.8	89.6
30	Rubber and miscellaneous plastics products.....	122.8	122.1	121.7	121.8	121.5	121.4	121.3	121.7	121.6	121.9	122.1	122.6	122.7	122.8	123.2
31	Leather and leather products.....	137.1	137.1	136.5	136.7	135.8	136.1	136.1	136.1	136.0	136.5	136.7	136.1	137.0	137.1	137.2
32	Stone, clay, glass, and concrete products.....	127.4	129.3	130.3	130.2	130.7	131.5	131.7	132.1	132.5	132.7	132.7	133.1	133.3	133.5	133.7
33	Primary metal industries.....	124.7	120.9	118.0	116.9	115.9	115.1	114.8	114.7	114.9	115.0	115.4	116.1	115.8	117.0	116.9
34	Fabricated metal products, except machinery and transportation transportation equipment.....	127.6	128.7	128.8	128.7	128.8	128.8	128.7	128.9	128.9	129.1	129.1	129.1	129.2	129.4	129.4
35	Machinery, except electrical.....	118.5	117.7	117.4	117.3	117.4	117.4	117.4	117.5	117.5	117.5	117.3	117.2	117.1	117.2	117.2
36	Electrical and electronic machinery, equipment, and supplies.....	111.6	110.4	110.1	110.0	110.0	109.9	109.8	109.7	109.7	109.5	109.5	109.5	109.6	109.2	109.4
37	Transportation.....	134.1	133.6	135.4	134.9	134.5	134.8	134.4	134.5	134.1	133.6	133.0	132.8	132.4	136.5	136.1
38	Measuring and controlling instruments; photographic, medical, and optical goods; watches and clocks.....	125.6	126.0	126.1	125.9	126.6	126.6	126.4	126.4	125.9	125.3	125.1	125.5	125.4	125.6	125.3
39	Miscellaneous manufacturing industries industries (12/85 = 100).....	129.0	129.7	129.7	129.8	130.2	130.3	130.4	130.4	130.5	130.5	130.5	130.2	130.1	130.4	130.2
	Service industries:															
42	Motor freight transportation and warehousing (06/93 = 100).....	108.9	111.6	112.5	112.7	113.6	113.9	114.1	114.2	114.3	114.6	114.8	115.4	115.7	115.4	115.3
43	U.S. Postal Service (06/89 = 100).....	132.3	132.3	132.3	132.3	135.4	135.4	135.4	135.4	135.4	135.2	135.2	135.2	135.2	135.2	135.2
44	Water transportation (12/92 = 100).....	104.2	105.6	107.3	105.7	106.0	106.0	105.8	106.0	114.4	116.8	117.4	116.3	118.4	117.5	116.3
45	Transportation by air (12/92 = 100).....	125.3	124.5	126.1	126.5	126.6	128.4	128.9	129.6	130.0	130.9	131.4	131.5	132.2	132.4	133.0
46	Pipelines, except natural gas (12/92 = 100).....	98.8	99.2	99.2	99.2	98.4	98.2	98.2	98.4	98.5	98.6	98.2	98.7	98.6	98.5	98.4

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

[1982 = 100]

Index	1990	1991	1992	1993	1994	1995	1996	1997	1998
Finished goods									
Total.....	119.2	121.7	123.2	124.7	125.5	127.9	131.3	131.8	130.7
Foods.....	124.4	124.1	123.3	125.7	126.8	129.0	133.6	134.5	134.3
Energy.....	75.0	78.1	77.8	78.0	77.0	78.1	83.2	83.4	75.1
Other.....	126.6	131.1	134.2	135.8	137.1	140.0	142.0	142.4	143.7
Intermediate materials, supplies, and components									
Total.....	114.5	114.4	114.7	116.2	118.5	124.9	125.7	125.6	123.0
Foods.....	117.9	115.3	113.9	115.6	118.5	119.5	125.3	123.2	123.2
Energy.....	85.5	85.1	84.3	84.6	83.0	84.1	89.8	89.0	80.8
Other.....	120.9	121.4	122.0	123.8	127.1	135.2	134.0	134.2	133.5
Crude materials for further processing									
Total.....	108.9	101.2	100.4	102.4	101.8	102.7	113.8	111.1	96.8
Foods.....	113.1	105.5	105.1	108.4	106.5	105.8	121.5	112.2	103.9
Energy.....	85.9	80.4	78.8	76.7	72.1	69.4	85.0	87.3	68.6
Other.....	107.3	97.5	94.2	94.1	97.0	105.8	105.7	103.5	84.5

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

[1995 = 100, unless otherwise indicated]

SITC Rev. 3	Industry	1998		1999										
		Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
0	Food and live animals	89.1	89.5	90.4	89.2	87.8	88.2	89.2	89.2	87.4	87.6	86.6	86.4	86.5
01	Meat and meat preparations.....	90.7	89.9	90.2	93.3	90.0	88.9	89.9	91.5	94.2	97.3	97.5	97.4	97.7
04	Cereals and cereal preparations.....	78.2	78.9	79.3	77.8	75.8	76.7	76.2	75.9	70.9	73.3	72.7	69.5	70.2
05	Vegetables, fruit, and nuts, prepared fresh or dry.....	99.3	99.7	103.2	97.9	94.9	94.8	97.6	98.5	99.8	97.8	94.3	96.6	94.3
2	Crude materials, inedible, except fuels.....	75.7	76.3	75.6	75.0	74.0	74.1	74.6	74.9	74.7	76.5	77.7	78.0	77.9
21	Hides, skins, and furskins, raw.....	80.1	85.7	82.7	81.4	81.5	78.9	79.0	79.0	80.3	83.4	86.5	88.6	88.0
22	Oilseeds and oleaginous fruits.....	93.3	95.6	91.4	84.9	78.3	80.4	79.5	79.2	72.8	80.1	85.0	82.3	78.2
24	Cork and wood.....	81.5	81.4	81.4	81.5	81.5	81.8	81.7	82.0	82.9	83.0	82.8	83.5	83.7
25	Pulp and waste paper.....	57.6	57.7	59.7	61.3	62.0	61.9	62.9	66.0	71.5	73.5	75.2	77.1	78.6
26	Textile fibers and their waste.....	71.4	70.6	70.4	70.8	69.7	69.8	70.1	68.6	65.2	65.1	64.4	64.5	63.6
27	Crude fertilizers and crude minerals.....	95.1	95.1	93.4	93.4	93.6	93.5	93.5	93.5	93.6	93.0	93.3	93.1	93.8
28	Metalliferous ores and metal scrap.....	67.8	67.9	67.7	68.8	69.8	68.6	70.6	70.7	72.3	73.0	73.5	75.1	76.8
3	Mineral fuels, lubricants, and related products.....	94.5	93.7	93.3	93.4	93.1	99.6	100.7	102.0	109.0	113.8	115.0	116.7	119.3
32	Coal, coke, and briquettes.....	99.4	99.4	99.3	99.3	99.3	98.3	98.4	98.3	98.2	98.3	97.6	97.6	97.6
33	Petroleum, petroleum products, and related materials.....	93.9	92.2	91.4	91.4	90.9	103.3	105.3	107.6	119.8	126.4	128.6	131.3	133.5
4	Animal and vegetable oils, fats, and waxes.....	102.9	99.7	98.0	90.6	82.6	82.8	81.9	76.6	76.8	77.1	78.8	81.8	79.0
5	Chemicals and related products, n.e.s.	91.2	91.0	90.6	90.6	90.5	90.4	90.7	91.2	91.6	91.8	92.3	93.2	93.3
54	Medicinal and pharmaceutical products.....	101.0	100.6	100.1	100.2	100.4	100.6	100.6	100.6	100.3	99.9	99.8	99.8	99.8
55	Essential oils; polishing and cleaning preparations.....	101.7	101.6	101.3	101.4	101.5	101.4	101.8	101.9	101.9	101.8	102.1	102.3	103.7
57	Plastics in primary forms (12/92 = 100).....	85.9	85.6	84.6	84.4	84.4	85.5	86.6	88.4	89.7	90.6	92.1	94.8	95.5
58	Plastics in nonprimary forms (12/92 = 100).....	95.9	95.4	95.9	95.4	96.4	96.1	96.3	97.2	97.4	97.4	97.6	97.9	97.8
59	Chemical materials and products, n.e.s.	101.1	101.2	100.4	100.8	100.4	99.9	99.5	99.6	99.4	99.3	99.2	98.9	98.8
6	Manufactured goods classified chiefly by materials.....	96.7	96.4	96.7	96.8	96.4	96.5	96.6	96.8	97.1	97.3	97.5	97.8	97.9
62	Rubber manufactures, n.e.s.	106.1	106.0	106.5	107.6	106.8	105.9	105.9	105.5	105.6	105.8	106.9	108.2	107.3
64	Paper, paperboard, and articles of paper, pulp, and paperboard	81.9	81.3	80.3	80.8	80.9	81.9	82.9	83.4	84.4	85.4	86.3	87.2	87.7
66	Nonmetallic mineral manufactures, n.e.s.	107.2	107.3	106.9	106.9	106.5	106.6	106.3	106.3	106.3	106.3	106.1	106.0	106.0
68	Nonferrous metals.....	85.4	83.9	84.5	85.4	84.0	84.3	84.7	85.0	85.3	87.0	88.0	90.2	90.9
7	Machinery and transport equipment.....	98.2	98.2	98.1	98.1	97.9	98.0	97.8	97.6	97.3	97.3	97.2	97.3	97.4
71	Power generating machinery and equipment.....	108.0	108.5	109.1	109.3	109.4	109.6	109.5	109.6	110.1	110.1	110.1	110.2	111.2
72	Machinery specialized for particular industries.....	105.5	105.2	105.7	105.6	105.7	105.9	105.9	106.1	105.8	105.8	105.9	105.9	106.1
74	General industrial machines and parts, n.e.s., and machine parts.....	106.5	106.5	107.0	107.4	107.2	107.3	107.2	107.3	107.5	107.5	107.6	107.7	107.7
75	Computer equipment and office machines.....	74.5	74.4	73.6	73.3	73.0	72.7	72.2	71.6	71.0	71.0	70.2	70.5	70.4
76	Telecommunications and sound recording and reproducing apparatus and equipment.....	97.5	97.6	97.6	97.4	97.5	97.3	97.1	96.9	97.0	96.9	96.9	96.6	96.6
77	Electrical machinery and equipment.....	90.8	90.6	89.9	89.9	89.3	89.6	89.0	88.6	87.7	87.5	87.5	87.2	87.2
78	Road vehicles.....	102.2	102.1	102.1	102.3	102.2	102.2	102.3	102.5	102.4	102.3	102.4	103.1	103.1
87	Professional, scientific, and controlling instruments and apparatus ..	104.0	104.1	104.8	104.8	105.0	105.2	105.4	105.2	105.4	105.4	105.4	105.5	105.6

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

[1995 = 100, unless otherwise indicated]

SITC Rev. 3	Industry	1998		1999										
		Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
0	Food and live animals	95.8	95.2	96.3	93.2	93.2	94.5	94.9	93.3	92.6	92.0	91.5	90.6	92.3
01	Meat and meat preparations.....	94.8	91.8	91.9	92.2	94.0	94.5	93.7	94.5	94.3	96.7	99.4	98.4	97.7
03	Fish and crustaceans, mollusks, and other aquatic invertebrates	102.3	100.1	100.9	102.7	103.3	106.0	106.0	104.3	104.2	103.8	103.1	103.7	106.3
05	Vegetables, fruit, and nuts, prepared fresh or dry.....	109.6	110.6	112.8	102.1	101.7	104.9	108.1	103.2	103.5	102.6	101.6	96.4	96.9
07	Coffee, tea, cocoa, spices, and manufactures thereof ..	74.6	75.0	76.2	72.3	71.0	69.5	68.4	69.4	64.3	63.2	61.4	61.8	66.7
1	Beverages and tobacco	109.7	109.9	110.4	110.0	110.4	110.6	110.4	110.4	110.6	111.2	112.2	111.5	111.5
11	Beverages	106.4	106.6	106.7	106.7	106.9	107.2	107.2	107.2	107.6	107.7	109.1	108.5	108.5
2	Crude materials, inedible, except fuels.....	83.1	84.1	84.3	87.4	86.3	86.1	88.5	90.3	93.1	92.7	91.7	91.3	90.8
23	Crude rubber (including synthetic and reclaimed).....	54.6	51.0											
24	Cork and wood.....	102.8	106.9	108.6	113.7	113.2	113.6	118.3	122.3	131.9	128.9	121.7	116.7	115.5
25	Pulp and waste paper.....	58.0	57.8	57.2	57.9	57.6	57.3	58.1	60.6	61.4	61.1	66.0	66.6	69.4
28	Metalliferous ores and metal scrap.....	92.8	92.8	90.9	90.4	89.9	89.5	90.9	91.9	91.9	93.8	94.3	98.4	97.7
29	Crude animal and vegetable materials, n.e.s.	96.9	99.4	103.4	120.7	109.4	108.6	107.8	101.7	102.8	105.0	111.1	112.1	106.5
3	Mineral fuels, lubricants, and related products.....	72.7	64.6	67.5	66.6	73.2	86.3	93.1	92.7	105.3	117.1	128.0	131.7	134.7
33	Petroleum, petroleum products, and related materials.....	68.1	58.7	61.7	61.3	70.2	84.9	91.1	91.3	103.8	115.9	127.4	131.6	134.1
34	Gas, natural and manufactured.....	110.0	110.7	113.5	107.3	97.4	99.3	112.1	106.5	123.1	134.1	141.8	141.8	148.8
5	Chemicals and related products, n.e.s.	92.3	91.1	91.4	91.1	90.8	90.6	90.6	90.6	90.6	90.4	91.4	91.8	92.1
52	Inorganic chemicals	94.9	90.9	90.1	88.7	88.6	86.9	86.8	86.7	86.4	86.2	86.6	87.2	87.9
53	Dyeing, tanning, and coloring materials.....	97.3	96.5	94.7	94.0	94.3	92.6	91.7	91.9	90.6	90.5	90.2	90.6	91.4
54	Medicinal and pharmaceutical products.....	95.9	95.7	97.0	97.4	96.7	96.1	95.6	96.2	96.2	96.3	97.0	97.6	97.8
55	Essential oils; polishing and cleaning preparations.....	95.3	95.2	94.6	94.3	93.5	93.1	92.7	92.4	91.7	91.8	92.3	91.8	92.3
57	Plastics in primary forms (12/92 = 100).....	91.5	91.3	91.8	92.2	92.0	92.5	93.4	93.6	93.7	93.1	93.9	93.9	94.0
58	Plastics in nonprimary forms (12/92 = 100).....	74.1	73.7	73.5	73.0	73.1	73.5	74.0	75.6	75.8	76.1	78.2	78.4	78.7
59	Chemical materials and products, n.e.s.	99.2	99.4	98.8	98.1	97.9	98.5	98.0	97.4	98.0	98.1	98.1	98.5	98.4
6	Manufactured goods classified chiefly by materials.....	92.5	91.7	91.6	91.8	91.8	91.7	91.8	92.0	91.9	92.4	92.6	93.3	94.0
62	Rubber manufactures, n.e.s.	94.7	94.4	94.6	94.7	94.5	94.2	94.7	94.3	94.4	94.5	95.0	94.9	94.4
64	Paper, paperboard, and articles of paper, pulp, and paperboard	87.5	86.1	85.6	85.7	85.8	85.1	85.2	83.7	83.6	83.5	83.7	84.4	88.0
66	Nonmetallic mineral manufactures, n.e.s.	100.7	100.6	100.7	100.9	101.3	100.9	100.8	100.9	100.8	100.9	101.1	101.3	101.7
68	Nonferrous metals.....	83.8	83.0	82.9	84.4	85.9	85.7	85.8	87.7	87.6	89.9	91.1	94.8	95.5
69	Manufactures of metals, n.e.s.	97.3	96.6	97.1	96.8	95.9	95.9	96.4	96.1	95.8	95.6	95.8	95.7	96.0
7	Machinery and transport equipment.....	91.2	91.2	91.2	91.3	90.9	90.6	90.6	90.3	89.9	89.9	89.9	90.0	90.0
72	Machinery specialized for particular industries.....	98.7	98.4	98.5	98.8	98.3	98.1	97.8	97.6	97.3	97.2	97.6	97.8	98.2
74	General industrial machines and parts, n.e.s., and machine parts.....	98.7	98.4	98.6	99.1	98.4	97.9	97.7	97.6	97.3	97.3	97.4	97.0	97.1
75	Computer equipment and office machines.....	66.6	66.7	66.6	65.9	64.4	63.7	63.6	63.1	62.0	61.8	61.6	61.6	61.7
76	Telecommunications and sound recording and reproducing apparatus and equipment.....	88.5	88.3	88.3	88.5	88.4	87.9	87.8	87.6	87.3	87.0	87.1	86.7	86.6
77	Electrical machinery and equipment.....	84.0	84.1	83.7	84.1	83.8	83.5	83.3	82.7	81.9	82.1	82.6	82.6	82.2
78	Road vehicles.....	101.4	101.5	101.9	102.0	101.9	102.0	102.3	102.3	102.4	102.4	102.2	102.4	102.4
85	Footwear	101.1	100.9	101.3	101.4	101.1	101.2	100.5	100.7	100.7	100.6	100.8	100.8	100.8
88	Photographic apparatus, equipment, and supplies, and optical goods, n.e.s.	91.3	91.1	91.9	92.1	91.8	91.4	91.4	91.3	91.2	91.1	91.4	92.1	92.4

Data not available.

36. U.S. export price indexes by end-use category

[1995 = 100]

Category	1998		1999										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
ALL COMMODITIES	94.9	94.8	94.8	94.6	94.2	94.4	94.5	94.5	94.4	94.7	94.7	95.0	95.2
Foods, feeds, and beverages ...	90.6	91.2	91.5	89.4	87.3	88.2	89.0	88.9	86.7	87.9	87.6	87.4	86.8
Agricultural foods, feeds, and beverages	90.3	91.0	91.1	88.7	85.9	86.4	86.8	86.8	85.0	86.9	86.7	86.4	85.7
Nonagricultural (fish, beverages) food products	95.8	94.9	97.5	98.7	103.5	108.5	114.2	113.1	106.8	99.5	98.2	99.6	100.4
Industrial supplies and materials ...	87.4	87.1	86.8	86.8	86.5	86.8	87.2	87.5	88.3	89.0	89.5	90.3	91.1
Agricultural industrial supplies and materials	82.9	82.7	82.4	81.9	79.9	79.6	79.5	78.4	76.2	76.3	76.6	77.5	76.7
Fuels and lubricants	93.9	92.8	92.8	92.7	92.4	97.8	98.4	99.8	106.1	110.5	111.7	113.3	115.0
Nonagricultural supplies and materials, excluding fuel and building materials ...	86.2	86.0	85.7	85.7	85.5	85.3	85.7	86.0	86.6	87.0	87.5	88.3	89.1
Selected building materials	86.5	86.1	86.3	86.8	87.3	87.5	87.5	87.8	88.0	88.4	87.4	87.8	87.6
Capital goods ...	97.0	97.1	97.1	97.1	96.9	97.0	96.7	96.5	96.2	96.2	96.1	96.1	96.3
Electric and electrical generating equipment	99.7	99.5	99.1	99.1	99.1	99.1	98.9	99.0	98.2	98.0	98.3	98.3	98.3
Nonelectrical machinery	93.7	93.7	93.6	93.6	93.4	93.5	93.2	92.9	92.6	92.6	92.4	92.4	92.4
Automotive vehicles, parts, and engines ...	102.9	102.8	102.9	103.1	103.0	102.9	103.0	103.2	103.2	103.2	103.3	104.0	104.0
Consumer goods, excluding automotive ...	102.1	101.8	101.9	101.9	101.8	101.8	101.8	102.0	101.9	102.0	101.9	102.2	102.3
Nondurables, manufactured	102.2	101.8	102.1	102.3	102.1	102.0	102.0	102.1	102.0	102.0	102.1	102.4	102.6
Durables, manufactured ...	100.8	100.7	100.6	100.3	100.3	100.4	100.3	100.5	100.6	100.8	100.7	100.8	100.9
Agricultural commodities ...	88.6	89.2	89.2	87.1	84.5	84.9	85.2	85.0	83.1	84.7	84.6	84.5	83.8
Nonagricultural commodities ...	95.6	95.4	95.4	95.5	95.3	95.5	95.5	95.6	95.7	95.8	95.9	96.2	96.6

37. U.S. import price indexes by end-use category

[1995 = 100]

Category	1998		1999										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
ALL COMMODITIES	91.3	90.4	90.8	90.7	90.9	91.9	92.5	92.4	93.3	94.3	95.3	95.8	96.3
Foods, feeds, and beverages ...	95.1	95.1	95.9	93.3	93.0	94.0	94.8	93.7	92.8	92.5	92.3	91.3	92.8
Agricultural foods, feeds, and beverages	91.8	92.3	93.3	89.2	88.7	89.1	90.3	89.3	88.0	87.7	87.6	86.0	87.3
Nonagricultural (fish, beverages) food products	103.8	102.1	102.6	103.8	104.4	106.5	106.5	105.2	105.4	105.0	104.9	105.2	107.2
Industrial supplies and materials ...	84.9	81.8	82.6	82.5	84.8	89.0	91.5	91.8	96.1	99.9	103.6	105.6	107.2
Fuels and lubricants	73.5	65.5	68.1	67.2	73.9	86.7	93.4	93.2	105.4	116.7	127.5	131.8	134.7
Petroleum and petroleum products ...	68.6	59.5	62.0	61.7	70.3	84.6	90.8	91.2	103.5	115.6	126.9	131.4	133.9
Paper and paper base stocks	80.0	78.8	78.3	78.6	78.4	77.5	77.7	77.0	77.0	76.9	78.4	79.1	83.1
Materials associated with nondurable supplies and materials	89.1	87.9	87.5	87.3	87.5	87.4	87.3	87.4	87.0	86.9	87.7	88.2	88.9
Selected building materials	101.6	102.8	104.2	107.6	107.9	108.3	110.5	114.2	120.6	118.9	113.4	110.1	108.7
Unfinished metals associated with durable goods	87.4	86.8	86.6	86.6	86.9	86.7	87.3	88.3	87.7	89.0	89.7	93.0	94.4
Nonmetals associated with durable goods	88.6	88.5	88.8	88.6	88.2	87.3	87.3	87.0	86.7	86.7	87.3	87.6	87.6
Capital goods ...	84.5	84.5	84.5	84.5	83.7	83.3	83.0	82.6	81.9	81.9	82.0	82.0	82.0
Electric and electrical generating equipment	93.5	93.7	93.5	93.6	92.8	92.5	92.3	91.5	91.1	91.2	91.7	91.8	91.9
Nonelectrical machinery	81.5	81.5	81.5	81.5	80.7	80.2	79.9	79.5	78.7	78.7	78.8	78.8	78.7
Automotive vehicles, parts, and engines ...	101.2	101.3	101.4	101.5	101.4	101.5	101.8	101.7	101.8	101.9	101.9	102.0	102.0
Consumer goods, excluding automotive ...	98.3	97.9	98.1	98.4	98.0	97.7	97.6	97.5	97.4	97.4	97.7	97.5	97.5
Nondurables, manufactured	101.2	100.8	101.0	101.1	101.0	100.8	100.5	100.4	100.2	100.3	100.8	100.5	100.5
Durables, manufactured ...	95.3	95.0	95.2	95.2	94.8	94.4	94.5	94.4	94.3	94.1	94.2	94.0	94.2
Nonmanufactured consumer goods ...	96.7	97.1	97.7	100.9	99.0	98.9	98.8	98.0	98.3	99.1	99.9	100.0	98.8

38. U.S. international price indexes for selected categories of services

[1990 = 100, unless otherwise indicated]

Category	1997	1998				1999		
	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.
Air freight (inbound) (9/90 = 100)	86.5	82.9	83.4	81.8	87.4	88.0	86.2	87.9
Air freight (outbound) (9/92 = 100) ...	97.7	97.2	96.0	95.8	95.2	92.7	92.8	92.7
Air passenger fares (U.S. carriers)	99.5	99.3	107.8	107.3	103.1	104.5	112.3	113.9
Air passenger fares (foreign carriers)	99.7	97.6	102.4	104.0	101.1	98.9	106.3	108.6
Ocean liner freight (inbound) ...	92.9	93.0	103.2	105.0	104.2	102.6	133.7	146.9

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

[1992 = 100]

Item	Quarterly indexes												
	1996		1997				1998				1999		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Business													
Output per hour of all persons.....	105.4	105.9	106.3	107.1	108.1	108.4	109.7	109.8	110.7	111.9	112.7	113.0	114.3
Compensation per hour	110.7	111.6	112.5	113.2	114.6	116.4	117.8	119.4	121.2	122.7	124.2	125.7	127.1
Real compensation per hour	99.8	99.8	100.1	100.4	101.2	102.4	103.4	104.4	105.6	106.5	107.4	107.8	108.3
Unit labor costs	105.0	105.3	105.9	105.7	106.0	107.4	107.5	108.8	109.5	109.6	110.2	111.3	111.3
Unit nonlabor payments	113.5	113.9	114.5	115.9	116.0	114.1	114.2	112.6	112.1	112.1	112.1	110.9	111.5
Implicit price deflator	108.2	108.5	109.1	109.5	109.7	109.9	110.0	110.2	110.4	110.5	110.9	111.2	111.4
Nonfarm business													
Output per hour of all persons.....	105.3	105.8	106.1	106.9	107.8	108.1	109.3	109.5	110.4	111.5	112.2	112.4	113.8
Compensation per hour	110.3	111.2	112.2	112.9	114.1	115.9	117.2	118.8	120.6	122.0	123.3	124.7	126.2
Real compensation per hour	99.4	99.5	99.8	100.1	100.8	101.9	102.9	103.9	105.1	105.9	106.6	106.9	107.5
Unit labor costs	104.7	105.0	105.7	105.6	105.8	107.2	107.3	108.5	109.3	109.4	109.8	111.0	110.9
Unit nonlabor payments	113.6	114.4	115.0	116.6	117.0	115.3	115.8	114.1	113.1	112.7	113.1	112.2	112.8
Implicit price deflator	107.9	108.4	109.1	109.6	109.9	110.1	110.4	110.5	110.7	110.6	111.0	111.4	111.6
Nonfinancial corporations													
Output per hour of all employees.....	108.6	109.6	110.1	110.7	112.4	113.2	114.2	115.3	117.0	117.9	119.1	120.0	121.4
Compensation per hour	109.5	110.3	111.2	112.0	113.3	115.1	116.4	118.0	119.8	121.3	122.7	124.2	125.6
Real compensation per hour	98.7	98.7	98.9	99.3	100.0	101.2	102.2	103.2	104.4	105.3	106.1	106.5	107.0
Total unit costs	100.6	100.4	100.7	100.8	100.3	100.8	100.8	101.2	101.2	101.8	101.7	102.1	102.3
Unit labor costs.....	100.8	100.6	101.0	101.1	100.7	101.6	101.9	102.3	102.4	102.9	103.0	103.4	103.4
Unit nonlabor costs.....	99.9	99.9	99.8	99.9	99.2	98.6	98.0	98.2	98.0	99.2	98.4	98.8	99.5
Unit profits.....	151.4	153.9	155.6	156.2	161.1	155.3	153.7	150.1	152.6	145.3	149.5	148.5	145.4
Unit nonlabor payments	112.4	113.0	113.4	113.6	114.3	112.4	111.5	110.8	111.3	110.4	110.8	110.9	110.7
Implicit price deflator	104.8	104.8	105.3	105.4	105.4	105.3	105.2	105.2	105.5	105.5	105.7	106.0	105.9
Manufacturing													
Output per hour of all persons.....	114.7	115.7	116.9	118.4	120.9	122.0	122.7	123.9	126.3	128.2	130.4	132.2	133.5
Compensation per hour	109.6	110.3	111.8	112.6	113.6	115.5	117.0	118.6	120.6	121.4	122.8	124.5	126.4
Real compensation per hour	98.8	98.7	99.5	99.9	100.3	101.5	102.7	103.7	105.1	105.4	106.2	106.8	107.7
Unit labor costs	95.6	95.4	95.7	95.1	94.0	94.6	95.3	95.7	95.5	94.7	94.1	94.2	94.7

Data not available.

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

[1992 = 100]

Item	1960	1970	1980	1989	1990	1991	1993	1994	1995	1996	1997
Private business											
Productivity:											
Output per hour of all persons.....	50.8	70.1	83.8	95.5	96.1	96.7	100.1	100.6	101.0	103.7	105.2
Output per unit of capital services	117.3	117.1	107.3	103.8	102.1	98.6	100.7	102.3	101.9	102.3	102.6
Multifactor productivity	70.7	86.5	95.3	100.0	99.6	98.1	100.1	100.6	100.7	102.4	103.1
Output	34.0	51.6	72.6	97.8	98.6	96.9	102.7	107.0	110.0	114.7	120.1
Inputs:											
Labor input.....	60.6	68.3	80.5	99.6	100.2	99.0	102.9	107.1	109.8	112.0	116.2
Capital services ..	29.0	44.1	67.7	94.2	96.5	98.3	102.0	104.6	108.0	112.2	117.1
Combined units of labor and capital input	48.1	59.7	76.2	97.8	99.0	98.7	102.6	106.3	109.3	112.1	116.5
Capital per hour of all persons.....	43.3	59.9	78.1	92.0	94.1	98.1	99.4	98.3	99.2	101.4	102.6
Private nonfarm business											
Productivity:											
Output per hour of all persons.....	54.3	72.2	85.6	95.9	96.3	96.9	100.1	100.6	101.2	103.7	104.9
Output per unit of capital services	126.1	124.1	111.4	104.6	102.6	98.8	100.8	102.1	101.8	102.1	102.1
Multifactor productivity	74.9	89.4	97.6	100.5	99.8	98.4	100.1	100.5	100.8	102.3	102.7
Output	33.7	51.8	73.1	98.1	98.8	97.0	103.0	107.1	110.4	115.0	120.2
Inputs:											
Labor input.....	56.4	66.6	79.3	99.5	100.2	98.8	103.1	107.2	109.9	112.3	116.6
Capital services ..	26.7	41.8	65.6	93.9	96.3	98.2	102.2	104.8	108.4	112.6	117.7
Combined units of labor and capital input	45.0	58.0	74.9	97.7	99.0	98.6	102.9	106.5	109.5	112.4	117.0
Capital per hour of all persons.....	43.0	58.2	76.8	91.7	93.8	98.1	99.3	98.5	99.4	101.6	102.8
Manufacturing											
Productivity:											
Output per hour of all persons...	42.1	54.5	70.4	90.7	93.0	95.1	102.2	105.3	109.4	113.8	
Output per unit of capital services	125.6	116.3	101.5	103.5	101.3	97.3	101.8	105.2	106.8	107.0	
Multifactor productivity	72.9	84.2	87.3	100.4	99.8	98.6	101.2	104.4	108.4	110.7	
Output	38.7	56.8	75.7	97.1	97.5	95.5	103.6	109.1	113.8	118.0	
Inputs:											
Hours of all persons.....	92.0	104.2	107.5	107.1	104.8	100.4	101.4	103.6	104.0	103.7	
Capital services ..	30.9	48.8	74.6	93.8	96.3	98.2	101.7	103.6	106.6	110.3	
Energy	51.5	85.4	92.5	96.8	99.9	100.1	103.7	107.3	109.5	107.0	
Nonenergy materials.....	39.1	46.0	74.5	88.3	91.3	93.1	103.0	104.4	101.4	105.4	
Purchased business services.....	27.3	47.4	71.9	88.9	91.8	91.9	104.3	107.8	111.0	111.6	
Combined units of all factor inputs ..	53.1	67.4	86.7	96.7	97.7	96.9	102.3	104.5	105.0	106.6	

Data not available.

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

[1992 = 100]

Item	1960	1970	1980	1988	1989	1990	1991	1993	1994	1995	1996	1997	1998
Business													
Output per hour of all persons.....	48.0	66.2	79.8	92.4	93.3	94.5	95.9	100.1	101.4	102.2	105.2	107.5	110.5
Compensation per hour	13.6	23.5	54.3	83.4	85.7	90.6	94.9	102.4	104.5	106.7	110.1	114.2	120.3
Real compensation per hour	59.9	79.0	89.7	97.3	95.8	96.4	97.4	99.9	99.7	99.1	99.6	101.1	105.1
Unit labor costs	28.4	35.6	68.1	90.3	91.9	95.9	99.0	102.3	103.0	104.4	104.7	106.2	108.8
Unit nonlabor payments	25.5	32.0	62.1	86.2	92.5	94.6	97.4	102.9	106.9	109.8	113.5	115.1	112.7
Implicit price deflator	27.3	34.3	65.9	88.8	92.1	95.4	98.4	102.5	104.4	106.4	107.9	109.5	110.3
Nonfarm business													
Output per hour of all persons.....	51.2	68.0	81.3	92.9	93.5	94.6	96.1	100.1	101.4	102.4	105.2	107.2	110.2
Compensation per hour	14.3	23.7	54.7	83.6	85.8	90.5	94.9	102.1	104.3	106.5	109.8	113.8	119.7
Real compensation per hour	62.8	79.7	90.3	97.4	95.8	96.3	97.4	99.6	99.5	98.9	99.3	100.7	104.5
Unit labor costs	27.9	34.9	67.2	89.9	91.7	95.7	98.8	102.1	102.9	104.0	104.4	106.1	108.6
Unit nonlabor payments	24.9	31.7	61.1	85.9	91.9	94.2	97.5	103.4	107.4	110.8	113.8	115.9	113.9
Implicit price deflator	26.8	33.7	65.0	88.5	91.8	95.1	98.3	102.6	104.5	106.5	107.8	109.7	110.5
Nonfinancial corporations													
Output per hour of all employees.....	52.6	66.3	76.9	94.7	93.8	94.9	96.9	101.5	104.3	105.6	108.4	111.7	116.2
Compensation per hour	15.6	25.3	56.6	84.8	87.0	91.4	95.5	102.1	104.3	106.2	109.0	113.0	119.0
Real compensation per hour	68.6	85.1	93.6	98.9	97.2	97.2	98.0	99.5	99.5	98.6	98.6	100.0	103.9
Total unit costs	28.9	37.4	72.5	89.5	93.6	97.1	99.8	100.3	100.0	100.6	100.4	100.6	101.3
Unit labor costs.....	29.7	38.2	73.7	89.6	92.7	96.4	98.6	100.6	100.0	100.5	100.5	101.1	102.4
Unit nonlabor costs.....	26.8	35.4	69.4	89.1	95.9	99.0	102.9	99.6	100.2	100.9	100.1	99.4	98.4
Unit profits.....	53.2	47.1	72.6	110.3	99.0	95.5	94.0	112.5	130.5	137.5	151.5	157.1	150.4
Unit nonlabor payments	33.2	38.3	70.2	94.2	96.6	98.1	100.7	102.7	107.6	109.8	112.6	113.4	111.0
Implicit price deflator	30.9	38.2	72.5	91.2	94.1	97.0	99.3	101.3	102.6	103.7	104.7	105.3	105.3
Manufacturing													
Output per hour of all persons.....	42.1	54.4	70.4	90.5	90.7	93.0	95.1	102.2	105.3	109.4	113.8	119.6	125.3
Compensation per hour	14.9	23.7	55.6	84.0	86.6	90.8	95.6	102.7	105.6	107.9	109.3	113.4	119.4
Real compensation per hour	65.4	79.7	91.8	97.9	96.8	96.6	98.0	100.2	100.8	100.2	98.9	100.4	104.3
Unit labor costs	35.3	43.6	78.9	92.8	95.5	97.6	100.4	100.5	100.3	98.6	96.0	94.8	95.3
Unit nonlabor payments	26.7	29.4	79.9	90.4	95.2	99.6	98.9	101.1	102.9	107.2	110.2		
Implicit price deflator	30.1	34.9	79.5	91.4	95.3	98.8	99.5	100.9	101.9	103.9	104.7		

Data not available.

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

[1987 = 100]

Industry	SIC	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Mining											
Copper ores	102	109.2	106.6	102.7	100.5	115.2	118.1	126.0	117.2	116.5	118.9
Gold and silver ores	104	101.5	113.3	122.3	127.4	141.6	159.8	160.8	144.2	138.3	158.0
Bituminous coal and lignite mining	122	111.7	117.3	118.7	122.4	133.0	141.2	148.1	155.9	168.0	176.8
Crude petroleum and natural gas	131	101.0	98.0	97.0	97.9	102.1	105.9	112.4	119.4	123.7	126.1
Crushed and broken stone	142	101.3	98.7	102.2	99.8	105.0	103.6	108.7	105.4	107.2	114.8
Manufacturing											
Meat products	201	100.1	99.3	97.1	99.7	104.6	104.3	101.2	102.4	97.7	
Dairy products	202	108.4	107.8	107.3	108.4	111.5	109.7	111.9	116.6	115.9	
Preserved fruits and vegetables	203	97.0	97.8	95.6	99.2	100.6	106.8	107.6	109.1	109.4	
Grain mill products	204	101.3	107.6	105.3	104.9	107.7	109.1	108.4	115.3	107.7	
Bakery products	205	96.8	96.1	92.7	90.6	93.8	94.4	96.4	97.3	95.4	
Sugar and confectionery products	206	99.4	101.5	102.8	101.3	99.1	103.9	105.4	107.5	112.7	
Fats and oils	207	108.9	116.4	118.1	120.1	114.1	112.6	111.8	120.3	111.1	
Beverages	208	106.0	112.7	117.7	120.5	127.6	127.0	130.9	134.3	135.7	
Miscellaneous food and kindred products	209	107.0	99.3	99.3	101.6	101.6	105.3	101.0	103.1	107.6	
Cigarettes	211	101.2	109.0	113.2	107.6	111.6	106.5	126.6	142.9	147.7	
Broadwoven fabric mills, cotton	221	99.6	99.8	103.1	111.2	110.3	117.8	122.1	134.0	137.8	
Broadwoven fabric mills, manmade	222	99.2	106.3	111.3	116.2	126.2	131.7	142.5	145.2	151.1	
Narrow fabric mills	224	108.4	92.7	96.5	99.6	112.9	111.4	120.1	118.9	127.5	
Knitting mills	225	96.3	108.0	107.5	114.1	119.5	128.1	134.3	138.6	150.8	
Textile finishing, except wool	226	90.3	88.7	83.4	79.9	78.6	79.3	81.2	78.5	79.8	
Carpets and rugs	227	98.6	97.8	93.2	89.2	96.1	97.1	93.3	95.8	101.2	
Yarn and thread mills	228	102.1	104.2	110.2	111.4	119.6	126.6	130.7	137.4	146.6	
Miscellaneous textile goods	229	101.6	109.1	109.2	104.6	106.5	110.4	118.5	123.7	125.4	
Men's and boys' suits and coats	231	105.1	97.7	93.9	90.2	89.0	97.4	97.7	92.5	96.5	
Men's and boys' furnishings	232	100.1	100.1	102.1	108.4	109.1	108.4	111.7	123.4	134.0	
Women's and misses' outerwear	233	101.4	96.8	104.1	104.3	109.4	121.8	127.4	135.5	144.2	
Women's and children's undergarments	234	105.4	94.6	102.1	113.6	117.4	124.5	138.0	161.3	171.6	
Hats, caps, and millinery	235	99.0	96.4	89.2	91.1	93.6	87.2	77.7	84.3	80.9	
Miscellaneous apparel and accessories	238	101.3	88.4	90.6	91.8	91.3	94.0	105.5	116.8	121.3	
Miscellaneous fabricated textile products	239	96.6	95.7	99.9	100.7	107.5	108.5	107.8	109.2	106.3	
Logging	241	93.7	89.4	86.3	86.0	96.2	88.6	87.8	86.0	86.0	
Sawmills and planing mills	242	100.7	99.6	99.8	102.6	108.1	101.9	103.3	110.2	114.9	
Millwork, plywood, and structural members	243	98.9	97.1	98.0	98.0	99.9	97.0	94.5	92.7	92.2	
Wood containers	244	103.1	108.8	111.2	113.1	109.4	100.1	100.9	106.1	106.5	
Wood buildings and mobile homes	245	97.8	98.8	103.1	103.0	103.1	103.8	98.3	97.0	97.0	
Miscellaneous wood products	249	95.9	102.4	107.7	110.5	114.2	115.3	111.8	115.4	114.2	
Household furniture	251	99.4	102.0	104.5	107.1	110.5	110.6	112.5	116.9	122.2	
Office furniture	252	94.3	97.5	95.0	94.1	102.5	103.2	100.5	101.1	106.8	
Public building and related furniture	253	109.6	113.7	119.8	120.2	140.6	161.0	157.4	173.3	179.9	
Partitions and fixtures	254	95.7	92.4	95.6	93.0	102.7	107.4	98.9	101.2	97.3	
Miscellaneous furniture and fixtures	259	103.6	101.9	103.5	102.1	99.5	103.6	104.7	110.0	113.6	
Pulp mills	261	99.6	107.4	116.7	128.3	137.3	122.5	128.9	131.9	132.7	
Paper mills	262	103.9	103.6	102.3	99.2	103.3	102.4	110.2	119.0	111.9	
Paperboard mills	263	105.5	101.9	100.6	101.4	104.4	108.4	114.9	119.5	118.7	
Paperboard containers and boxes	265	99.7	101.5	101.3	103.4	105.2	107.9	108.4	105.1	106.5	
Miscellaneous converted paper products	267	101.1	101.6	101.4	105.4	105.5	108.0	110.8	113.4	114.6	
Newspapers	271	96.9	95.2	90.6	85.8	81.5	79.4	79.9	79.0	77.1	
Periodicals	272	97.9	98.3	93.9	89.5	92.9	89.6	82.4	88.5	90.9	
Books	273	99.1	94.1	96.6	100.8	97.7	103.5	103.0	101.5	100.5	
Miscellaneous publishing	274	96.7	89.0	92.2	95.9	105.8	104.5	97.5	94.8	93.4	
Commercial printing	275	100.0	101.1	102.5	102.0	108.0	106.9	106.5	107.2	108.7	
Manifold business forms	276	98.7	89.7	93.0	89.1	94.5	91.1	82.0	76.9	74.5	
Greeting cards	277	100.1	109.1	100.6	92.7	96.7	91.4	89.0	92.5	91.8	
Blankbooks and bookbinding	278	95.6	94.2	99.4	96.1	103.6	98.7	105.4	108.7	115.0	
Printing trade services	279	99.9	94.3	99.3	100.6	112.0	115.3	111.0	116.7	126.7	
Industrial inorganic chemicals	281	105.7	104.2	106.7	109.6	109.6	105.4	102.0	109.2	110.4	
Plastics materials and synthetics	282	98.8	99.7	100.9	100.0	107.5	111.9	125.0	128.7	125.1	
Drugs	283	101.1	102.9	103.9	104.7	99.6	100.0	105.5	108.9	112.9	
Soaps, cleaners, and toilet goods	284	102.0	100.7	103.8	105.3	104.4	108.7	111.2	118.6	121.4	
Paints and allied products	285	101.4	103.3	106.3	104.3	102.9	108.8	116.7	118.0	124.2	
Industrial organic chemicals	286	109.8	110.3	101.4	95.8	94.5	92.2	100.0	98.8	98.4	
Agricultural chemicals	287	103.8	104.5	105.0	99.9	99.9	104.3	105.7	109.0	111.4	
Miscellaneous chemical products	289	95.4	95.2	97.3	96.1	101.8	107.1	105.7	107.8	110.2	
Petroleum refining	291	105.3	109.6	109.2	106.6	111.3	120.1	123.8	132.3	142.0	
Asphalt paving and roofing materials	295	98.3	95.3	98.0	94.1	100.4	108.0	104.9	111.2	114.4	
Miscellaneous petroleum and coal products	299	98.4	101.9	94.8	90.6	101.5	104.2	96.3	87.4	86.4	

See footnotes at end of table.

42. Continued—Annual indexes of output per hour for selected 3-digit SIC industries

[1987 = 100]

Industry	SIC	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Tires and inner tubes	301	102.9	103.8	103.0	102.4	107.8	116.5	124.1	131.1	138.8	
Hose and belting and gaskets and packing	305	103.7	96.3	96.1	92.4	97.8	99.7	102.7	104.6	107.2	
Fabricated rubber products, n.e.c	306	104.3	105.5	109.2	110.1	115.3	123.2	119.2	121.6	120.3	
Miscellaneous plastics products, n.e.c	308	100.5	101.7	105.6	108.1	114.1	116.4	120.4	120.7	124.9	
Footwear, except rubber	314	101.3	101.1	101.1	94.4	104.2	105.2	113.0	117.1	125.8	
Luggage	316	93.7	104.8	106.2	100.3	90.7	89.5	92.3	90.5	108.5	
Handbags and personal leather goods	317	98.5	93.1	96.5	98.7	111.2	97.8	86.8	81.8	83.9	
Flat glass	321	91.9	90.7	84.5	83.6	92.7	97.7	97.6	99.6	104.2	
Glass and glassware, pressed or blown	322	100.6	100.2	104.8	102.3	108.9	108.7	112.9	115.7	121.9	
Products of purchased glass	323	95.9	90.1	92.6	97.7	101.5	106.2	105.9	106.1	124.5	
Cement, hydraulic	324	103.2	110.2	112.4	108.3	115.1	119.9	125.6	124.3	127.9	
Structural clay products	325	98.8	103.1	109.6	109.8	111.5	105.8	113.0	111.6	119.5	
Pottery and related products	326	99.6	97.1	98.6	95.8	99.5	100.3	108.4	109.3	119.4	
Concrete, gypsum, and plaster products	327	100.8	102.4	102.3	101.2	102.5	104.6	101.5	104.5	107.5	
Miscellaneous nonmetallic mineral products	329	103.0	95.5	95.4	94.0	104.3	104.5	106.3	107.8	111.3	
Blast furnace and basic steel products	331	112.6	108.0	109.6	107.8	117.1	133.5	142.4	142.7	153.6	
Iron and steel foundries	332	104.0	105.4	106.1	104.5	107.2	112.1	113.0	112.7	115.7	
Primary nonferrous metals	333	107.8	106.1	102.3	110.9	102.0	108.0	105.4	111.1	111.0	
Nonferrous rolling and drawing	335	95.5	93.6	92.7	90.9	95.8	98.2	101.1	99.1	103.9	
Nonferrous foundries (castings)	336	102.6	105.1	104.0	103.6	103.6	108.5	112.1	117.8	122.6	
Miscellaneous primary metal products	339	106.6	105.0	113.7	109.1	114.5	111.3	134.5	152.2	149.6	
Metal cans and shipping containers	341	106.5	108.5	117.6	122.9	127.8	132.3	140.9	144.2	155.2	
Cutlery, handtools, and hardware	342	97.8	101.7	97.3	96.8	100.1	104.0	109.2	111.3	117.9	
Plumbing and heating, except electric	343	103.7	101.5	102.6	102.0	98.4	102.0	109.1	109.2	118.6	
Fabricated structural metal products	344	100.4	96.9	98.8	100.0	103.9	104.8	107.7	105.8	106.7	
Screw machine products, bolts, etc	345	98.5	96.1	96.1	97.9	102.3	104.4	107.2	109.7	110.4	
Metal forgings and stampings	346	101.5	99.8	95.6	92.9	103.7	108.7	108.5	109.3	113.7	
Metal services, n.e.c	347	108.3	102.4	104.7	99.4	111.6	120.6	123.0	127.7	127.5	
Ordnance and accessories, n.e.c	348	97.7	89.8	82.1	81.5	88.6	84.6	83.6	87.6	87.4	
Miscellaneous fabricated metal products	349	101.4	95.9	97.5	97.3	100.9	101.8	103.0	106.4	108.6	
Engines and turbines	351	106.8	110.7	106.5	105.8	103.3	109.2	122.3	122.7	136.9	
Farm and garden machinery	352	106.3	110.7	116.5	112.9	113.9	118.6	125.0	134.7	136.6	
Construction and related machinery	353	106.5	108.3	107.0	99.1	102.0	108.2	117.7	122.1	123.8	
Metalworking machinery	354	101.0	103.5	101.1	96.4	104.3	107.4	109.9	114.8	114.7	
Special industry machinery	355	104.6	108.3	107.5	108.3	106.0	113.6	121.2	132.3	134.7	
General industrial machinery	356	106.0	101.6	101.5	101.6	101.6	104.8	106.7	109.0	110.0	
Refrigeration and service machinery	358	102.1	106.0	103.6	100.7	104.9	108.6	110.7	112.7	114.4	
Industrial machinery, n.e.c	359	106.5	107.1	107.3	109.0	116.9	118.4	127.3	138.8	142.1	
Electric distribution equipment	361	105.4	105.0	106.3	106.5	119.6	122.2	131.8	143.0	145.1	
Electrical industrial apparatus	362	104.5	107.3	107.5	106.8	116.8	132.5	134.5	150.4	154.1	
Household appliances	363	103.0	104.7	105.8	106.5	115.0	123.4	131.4	127.3	126.7	
Electric lighting and wiring equipment	364	101.9	100.2	99.9	97.5	105.7	107.8	113.4	113.7	117.4	
Communications equipment	366	110.4	107.0	120.9	123.8	145.4	149.0	164.8	169.6	189.6	
Miscellaneous electrical equipment & supplies	369	102.8	99.6	90.6	98.6	101.3	108.2	110.5	114.1	123.0	
Motor vehicles and equipment	371	103.2	103.3	102.4	96.6	104.2	105.3	107.1	104.1	104.1	
Aircraft and parts	372	100.5	98.2	98.8	108.1	112.2	115.1	109.5	107.8	112.6	
Ship and boat building and repairing	373	99.4	97.6	103.7	96.3	102.7	106.2	103.8	97.9	100.5	
Railroad equipment	374	113.5	135.3	141.1	146.9	147.9	151.0	152.5	150.0	146.3	
Motorcycles, bicycles, and parts	375	92.6	94.6	93.8	99.8	108.4	130.9	125.1	120.3	123.3	
Guided missiles, space vehicles, parts	376	104.8	110.5	115.7	109.8	109.3	120.9	117.5	118.7	127.3	
Search and navigation equipment	381	104.8	105.8	112.7	118.9	122.1	129.1	132.1	149.5	141.8	
Measuring and controlling devices	382	103.1	101.3	106.1	112.9	119.9	124.0	133.8	146.4	150.4	
Medical instruments and supplies	384	104.4	107.2	116.3	118.4	123.3	126.9	126.1	130.9	140.4	
Ophthalmic goods	385	112.6	123.3	121.2	125.1	144.5	157.8	160.6	167.2	188.9	
Photographic equipment & supplies	386	105.6	113.0	107.8	110.2	116.4	126.9	132.7	129.5	129.0	
Jewelry, silverware, and plated ware	391	100.1	102.9	99.3	95.8	96.7	96.7	99.5	100.2	103.2	
Musical instruments	393	101.8	96.1	97.1	96.9	96.0	95.6	88.7	86.9	78.9	
Toys and sporting goods	394	104.8	106.0	108.1	109.7	104.9	114.2	109.7	113.6	120.0	
Pens, pencils, office, and art supplies	395	108.6	113.3	118.7	117.3	111.7	112.0	130.2	135.4	144.4	
Costume jewelry and notions	396	102.0	93.8	105.3	106.7	110.8	115.8	129.0	143.7	142.3	
Miscellaneous manufactures	399	104.5	102.8	107.9	109.9	109.6	107.8	106.2	108.2	113.5	
Transportation											
U.S. postal service ¹	431	99.9	99.7	104.0	103.7	104.5	107.1	106.6	106.5	104.7	108.3
Air transportation ²	4512,13,22 (pts.)	99.5	95.8	92.9	92.5	96.9	100.2	105.7	108.6	111.1	112.1
Communications and utilities											
Telephone communications	481	106.2	111.6	113.3	119.8	127.7	135.5	142.2	148.1	159.4	160.2
Radio and television broadcasting	483	103.1	106.2	104.9	106.1	108.3	106.7	110.1	109.6	105.9	101.3
Cable and other pay TV services	484	102.0	99.7	92.5	87.5	88.3	85.1	83.3	84.3	81.6	84.1
Electric utilities	491,3 (pt.)	104.9	107.7	110.1	113.4	115.2	120.6	126.8	135.0	146.5	150.5
Gas utilities	492,3 (pt.)	105.5	103.5	94.8	94.0	95.3	107.0	102.2	107.5	116.0	119.9

See footnotes at end of table.

42. Continued—Annual indexes of output per hour for selected 3-digit SIC industries

[1987 = 100]

Industry	SIC	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Wholesale and retail trade											
Lumber and other building materials dealers	521	101.0	99.1	103.6	101.3	105.4	110.3	117.9	117.0	121.5	124.0
Paint, glass, and wallpaper stores	523	102.8	101.7	106.0	99.4	106.5	112.1	124.6	126.8	132.1	132.3
Hardware stores	525	108.6	115.2	110.5	102.5	107.2	106.5	114.2	110.7	115.2	115.8
Retail nurseries, lawn and garden supply stores	526	106.7	103.4	83.9	88.5	100.4	106.6	116.6	117.1	136.6	119.3
Department stores	531	99.2	97.0	94.2	98.2	100.9	108.1	111.2	113.4	121.0	125.7
Variety stores	533	101.9	124.4	151.2	154.2	167.7	185.5	191.8	205.8	232.6	246.1
Miscellaneous general merchandise stores	539	100.8	109.8	116.4	121.8	136.1	159.7	160.9	164.0	165.1	165.7
Grocery stores	541	98.9	95.4	94.6	93.7	93.3	93.0	92.9	91.9	90.2	89.1
Meat and fish (seafood) markets	542	99.0	97.6	96.8	88.4	95.8	95.8	95.3	95.5	88.8	90.8
Retail bakeries	546	89.8	83.3	89.7	94.7	94.0	88.0	90.1	91.2	87.3	97.6
New and used car dealers	551	103.4	102.5	106.1	104.1	106.5	107.6	108.7	107.1	108.2	107.3
Auto and home supply stores	553	103.2	101.6	102.7	99.0	100.0	100.9	107.0	112.6	113.9	109.7
Gasoline service stations	554	103.0	105.2	102.6	104.3	109.7	113.3	116.5	120.4	117.2	116.5
Men's and boys' wear stores	561	106.0	109.6	113.7	119.2	118.2	115.6	118.1	117.9	126.3	139.1
Women's clothing stores	562	97.8	99.5	101.5	103.0	112.2	116.8	115.8	122.8	133.6	134.1
Family clothing stores	565	102.0	104.9	104.5	106.4	111.7	114.9	121.2	135.2	140.5	143.2
Shoe stores	566	102.7	107.2	106.1	105.1	111.5	112.4	124.4	131.5	142.6	143.5
Miscellaneous apparel and accessory stores	569	96.3	95.2	88.6	78.8	89.1	95.2	105.4	131.2	139.9	128.0
Furniture and home furnishings stores	571	98.6	100.9	101.8	101.5	108.4	108.5	110.5	114.7	122.5	125.7
Household appliance stores	572	98.5	103.5	102.8	105.2	113.9	115.0	116.8	131.6	132.0	149.4
Radio, television, computer, and music stores	573	118.6	114.6	119.6	128.3	137.8	153.4	178.8	200.0	209.3	220.4
Eating and drinking places	581	102.8	102.2	104.0	103.1	102.5	101.7	98.9	97.6	95.2	93.7
Drug and proprietary stores	591	101.9	102.5	103.6	104.7	103.6	104.8	104.5	105.2	107.5	113.8
Liquor stores	592	98.2	101.1	105.2	105.9	108.4	100.1	98.1	102.0	110.3	107.8
Used merchandise stores	593	105.3	104.9	100.3	98.6	110.4	110.4	111.6	111.6	121.6	122.1
Miscellaneous shopping goods stores	594	100.7	104.2	104.2	105.0	102.7	106.2	111.5	117.2	119.5	124.5
Nonstore retailers	596	105.6	110.8	108.8	109.3	122.1	121.8	130.6	125.7	138.3	148.0
Fuel dealers	598	95.6	92.0	84.4	85.3	84.4	92.2	99.7	112.3	113.3	106.5
Retail stores, n.e.c.	599	105.9	103.1	113.7	103.2	111.6	115.5	121.3	120.5	130.6	137.8
Finance and services											
Commercial banks	602	102.8	104.8	107.7	110.1	111.0	118.9	122.3	127.6	130.9	134.1
Hotels and motels	701	97.6	95.0	96.1	99.1	107.8	106.2	109.6	110.1	109.7	107.9
Laundry, cleaning, and garment services	721	97.2	99.7	101.8	99.2	98.3	98.9	104.0	105.5	108.7	108.1
Photographic studios, portrait	722	100.1	94.9	96.6	92.8	97.7	105.9	117.4	129.3	126.4	135.4
Beauty shops	723	95.1	99.6	96.8	94.8	99.6	95.7	99.8	103.5	106.3	108.9
Barber shops	724	108.8	111.6	100.2	94.1	112.1	120.8	117.7	114.6	127.6	153.4
Funeral services and crematories	726	102.5	97.9	90.9	89.5	103.2	98.2	103.8	99.7	97.1	101.3
Automotive repair shops	753	105.7	108.1	106.9	98.7	103.3	104.0	112.3	119.5	114.1	115.8
Motion picture theaters	783	107.1	114.3	115.8	116.0	110.8	109.8	106.5	101.4	100.4	100.8

¹ Refers to output per full-time equivalent employee year on fiscal basis.

n.e.c. = not elsewhere classified.

² Refers to output per employee.

NOTE: Dash indicates data not available.

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

Country	Annual average		1997	1998				1999		
	1997	1998	IV	I	II	III	IV	I	II	III
United States.....	4.9	4.5	4.7	4.7	4.4	4.5	4.4	4.3	4.3	4.2
Canada.....	9.2	8.3	8.9	8.6	8.4	8.3	8.0	7.8	8.0	7.6
Australia.....	8.6	8.0	8.3	8.1	8.0	8.1	7.7	7.4	7.4	7.2
Japan.....	3.4	4.1	3.5	3.7	4.2	4.3	4.4	4.7	4.8	4.8
France.....	12.4	11.7	12.3	12.0	11.7	11.7	11.5	11.3	11.2	11.1
Germany.....	9.9	9.4	10.0	9.9	9.5	9.1	9.1	9.0	9.0	9.1
Italy ¹	12.3	12.3	12.3	12.2	12.3	12.4	12.4	12.3	12.1	
Sweden.....	10.1	8.4	9.1	8.8	8.6	8.5	7.7	7.4	7.0	7.1
United Kingdom.....	7.0	6.3	6.6	6.4	6.3	6.3	6.3	6.3	6.1	

¹ Quarterly rates are for the first month of the quarter.
Data not available.

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, 1959-1998* (Bureau of Labor Statistics, Oct. 22, 1999).

NOTE: Quarterly figures for France, Germany, and the United Kingdom are calculated by applying annual adjustment factors to current published

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

[Numbers in thousands]

Employment status and country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Civilian labor force										
United States ¹	123,869	125,840	126,346	128,105	129,200	131,056	132,304	133,943	136,297	137,673
Canada.....	14,151	14,329	14,408	14,482	14,663	14,832	14,928	15,145	15,354	15,632
Australia.....	8,228	8,444	8,490	8,562	8,619	8,776	9,001	9,127	9,221	9,347
Japan.....	61,920	63,050	64,280	65,040	65,470	65,780	65,990	66,450	67,200	67,240
France.....	24,170	24,300	24,490	24,550	24,650	24,760	24,820	25,080	25,140	25,390
Germany ²	28,840	29,410	39,120	39,040	39,130	39,210	39,050	39,180	39,450	39,430
Italy.....	22,530	22,670	22,940	22,910	22,760	22,640	22,700	22,820	22,850	23,000
Netherlands.....	6,430	6,640	6,750	6,950	7,090	7,190	7,270	7,370	7,530	7,720
Sweden.....	4,552	4,597	4,591	4,520	4,443	4,418	4,460	4,459	4,418	4,402
United Kingdom.....	28,580	28,730	28,610	28,410	28,310	28,280	28,480	28,620	28,760	28,870
Participation rate³										
United States ¹	66.5	66.5	66.2	66.4	66.3	66.6	66.6	66.8	67.1	67.1
Canada.....	67.5	67.3	66.7	65.9	65.5	65.3	64.8	64.9	64.8	65.1
Australia.....	64.0	64.6	64.1	63.9	63.6	63.9	64.6	64.6	64.3	64.4
Japan.....	62.2	62.6	63.2	63.4	63.3	63.1	62.9	63.0	63.2	62.8
France.....	56.1	56.0	56.0	55.8	55.6	55.5	55.2	55.4	55.2	55.6
Germany ²	55.2	55.3	58.9	58.3	58.0	57.6	57.2	57.4	57.6	57.6
Italy.....	47.3	47.2	47.7	47.5	48.1	47.5	47.5	47.7	47.7	47.8
Netherlands.....	54.7	56.1	56.5	57.8	58.5	59.0	59.3	59.8	60.7	62.0
Sweden.....	67.3	67.4	67.0	65.7	64.5	63.7	64.1	64.0	63.4	63.1
United Kingdom.....	64.0	64.1	63.7	63.1	62.8	62.5	62.7	62.7	62.8	62.7
Employed										
United States ¹	117,342	118,793	117,718	118,492	120,259	123,060	124,900	126,708	129,558	131,463
Canada.....	13,086	13,165	12,916	12,842	13,015	13,292	13,506	13,676	13,941	14,326
Australia.....	7,720	7,859	7,676	7,637	7,680	7,921	8,235	8,344	8,429	8,597
Japan.....	60,500	61,710	62,920	63,620	63,810	63,860	63,890	64,200	64,900	64,450
France.....	21,850	22,100	22,140	21,990	21,740	21,710	21,890	21,950	22,010	22,410
Germany ²	27,200	27,950	36,910	36,420	36,020	35,900	35,850	35,680	35,540	35,720
Italy.....	20,770	21,080	21,360	21,230	20,430	20,080	19,980	20,060	20,050	20,170
Netherlands.....	5,980	6,230	6,350	6,560	6,620	6,670	6,760	6,900	7,130	7,410
Sweden.....	4,480	4,513	4,447	4,265	4,028	3,992	4,056	4,019	3,973	4,034
United Kingdom.....	26,510	26,740	26,090	25,530	25,340	25,550	26,000	26,280	26,740	27,050
Employment-population ratio⁴										
United States ¹	63.0	62.8	61.7	61.5	61.7	62.5	62.9	63.2	63.8	64.1
Canada.....	62.4	61.9	59.8	58.4	58.2	58.5	58.6	58.6	58.9	59.7
Australia.....	60.1	60.1	57.9	57.0	56.6	57.7	59.1	59.1	58.8	59.2
Japan.....	60.8	61.3	61.8	62.0	61.7	61.3	60.9	60.9	61.0	60.2
France.....	50.7	50.9	50.6	49.9	49.0	48.7	48.7	48.5	48.3	49.1
Germany ²	52.0	52.6	55.5	54.4	53.4	52.8	52.5	52.2	51.9	52.2
Italy.....	43.6	43.9	44.5	44.0	43.1	42.1	41.8	41.9	41.8	41.9
Netherlands.....	50.9	52.6	53.2	54.5	54.7	54.7	55.1	55.9	57.5	59.5
Sweden.....	66.2	66.1	64.9	62.0	58.5	57.6	58.3	57.6	57.0	57.8
United Kingdom.....	59.3	59.6	58.0	56.7	56.2	56.5	57.2	57.6	58.3	58.8
Unemployed										
United States ¹	6,528	7,047	8,628	9,613	8,940	7,996	7,404	7,236	6,739	6,210
Canada.....	1,065	1,164	1,492	1,640	1,649	1,541	1,422	1,469	1,414	1,305
Australia.....	508	585	814	925	939	856	766	783	791	750
Japan.....	1,420	1,340	1,360	1,420	1,660	1,920	2,100	2,250	2,300	2,790
France.....	2,320	2,210	2,350	2,560	2,910	3,050	2,920	3,130	3,120	2,980
Germany ²	1,640	1,460	2,210	2,620	3,110	3,320	3,200	3,500	3,910	3,710
Italy.....	1,760	1,590	1,580	1,680	2,330	2,560	2,720	2,760	2,800	2,840
Netherlands.....	450	410	400	390	470	520	510	470	400	310
Sweden.....	72	84	144	255	415	426	404	440	445	368
United Kingdom.....	2,070	1,990	2,520	2,880	2,970	2,730	2,480	2,340	2,020	1,820
Unemployment rate										
United States ¹	5.3	5.6	6.8	7.5	6.9	6.1	5.6	5.4	4.9	4.5
Canada.....	7.5	8.1	10.4	11.3	11.2	10.4	9.5	9.7	9.2	8.3
Australia.....	6.2	6.9	9.6	10.8	10.9	9.7	8.5	8.6	8.6	8.0
Japan.....	2.3	2.1	2.1	2.2	2.5	2.9	3.2	3.4	3.4	4.1
France.....	9.6	9.1	9.6	10.4	11.8	12.3	11.8	12.5	12.4	11.7
Germany ²	5.7	5.0	5.6	6.7	7.9	8.5	8.2	8.9	9.9	9.4
Italy.....	7.8	7.0	6.9	7.3	10.2	11.3	12.0	12.1	12.3	12.3
Netherlands.....	7.0	6.2	5.9	5.6	6.6	7.2	7.0	6.4	5.3	4.0
Sweden.....	1.6	1.8	3.1	5.6	9.3	9.6	9.1	9.9	10.1	8.4
United Kingdom.....	7.2	6.9	8.8	10.1	10.5	9.7	8.7	8.2	7.0	6.3

¹ Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see the box note under "Employment and Unemployment Data" in the notes to this section.

² Data from 1991 onward refer to unified Germany. See *Comparative Civilian Labor Force Statistics, Ten Countries, 1959-1998*, October 22, 1999, on the Internet at <http://stats.bls.gov/flsdata.htm>.

³ Labor force as a percent of the working-age population.

⁴ Employment as a percent of the working-age population.

NOTE: See "Notes on the data" for information on breaks in series for the United States, France, Germany, Italy, the Netherlands, and Sweden. Dash indicates data not available.

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

[1992 = 100]

Item and country	1960	1970	1980	1987	1988	1989	1990	1991	1993	1994	1995	1996	1997	1998
Output per hour														
United States.....			71.9	94.4	98.0	97.1	97.8	98.3	102.1	108.3	114.9	117.3	122.1	127.0
Canada.....	40.7	59.2	75.3	91.3	91.1	92.4	95.3	95.1	102.5	106.2	108.9	107.3	110.0	111.7
Japan.....	14.0	38.0	63.9	81.2	84.8	89.5	95.4	99.4	100.5	101.8	109.3	115.8	120.2	120.5
Belgium.....	18.0	32.9	65.4	88.9	92.0	96.9	96.8	99.1	102.5	108.4	113.2	114.7	121.7	122.4
Denmark.....	29.9	52.7	90.3	90.6	94.1	99.6	99.1	99.6	104.5					
France.....	21.8	43.1	66.7	81.8	87.4	91.9	93.5	96.9	100.6	108.5	114.5	115.0	123.3	127.5
Germany.....	29.2	52.0	77.2	88.1	91.5	94.6	99.0	101.9	100.6	107.9	111.2	115.1	121.8	127.1
Italy.....	19.6	36.8	64.1	85.1	86.7	89.4	92.5	95.2	102.9	105.6	109.3	110.3	113.4	113.6
Netherlands.....	19.3	38.1	69.2	91.7	93.8	97.1	98.6	99.6	101.9	114.2	119.9	124.4	130.7	132.8
Norway.....	36.7	57.8	76.7	93.3	92.1	94.6	96.6	97.5	100.6	101.4	102.0	102.0	101.9	104.1
Sweden.....	27.6	52.8	74.0	90.1	90.8	93.8	95.0	95.0	106.7	116.1	122.4	125.4	133.6	136.5
United Kingdom.....	31.2	44.7	56.2	79.5	82.4	86.2	88.4	92.2	104.1	106.8	104.7	103.3	103.8	104.8
Output														
United States.....			77.3	97.9	104.5	104.0	102.5	98.7	103.5	112.2	119.6	121.6	128.8	134.2
Canada.....	34.2	60.5	85.4	103.2	109.3	110.8	106.6	98.8	105.1	113.2	118.8	120.2	128.0	133.0
Japan.....	10.7	38.8	59.9	78.4	84.6	90.2	96.3	101.4	96.0	95.4	100.6	106.7	110.0	103.9
Belgium.....	30.7	57.6	78.2	88.8	93.3	99.1	101.0	100.7	97.0	101.4	104.2	104.2	109.0	111.8
Denmark.....	40.8	68.0	91.3	99.3	100.8	104.3	102.7	101.7	99.0	109.3	115.1	119.0	121.7	127.3
France.....	31.0	64.1	88.7	87.2	92.2	97.2	99.1	99.8	95.7	100.3	104.9	104.6	110.3	114.6
Germany.....	41.5	70.9	85.3	88.0	90.9	94.0	99.1	102.8	91.8	93.5	93.7	92.5	95.8	100.7
Italy.....	21.4	44.7	78.4	88.2	94.5	98.1	99.6	99.2	96.4	102.2	107.2	106.7	110.4	112.5
Netherlands.....	31.7	59.5	77.4	89.5	92.8	96.9	100.1	100.6	98.2	104.2	107.8	110.6	116.1	118.8
Norway.....	56.5	89.1	103.6	110.7	105.3	101.3	100.2	98.3	102.7	106.7	109.0	110.1	113.3	116.4
Sweden.....	46.5	81.7	91.8	107.7	110.2	111.6	110.6	103.6	101.3	115.7	130.1	132.9	140.3	146.4
United Kingdom.....	67.8	90.4	87.2	94.5	101.5	105.5	105.4	100.1	101.5	106.2	107.8	108.3	109.3	109.7
Total hours														
United States.....	92.1	104.4	107.5	103.8	106.6	107.1	104.8	100.4	101.4	103.6	104.0	103.7	105.5	105.6
Canada.....	84.1	102.1	113.5	113.0	120.0	119.9	119.9	103.8	102.6	106.6	109.1	112.0	115.4	119.0
Japan.....	76.3	102.3	93.8	96.6	99.8	100.8	100.9	102.0	95.6	93.7	92.0	92.2	91.5	86.2
Belgium.....	170.7	174.7	119.7	100.0	101.5	102.3	104.3	101.5	94.7	93.6	92.0	90.8	89.5	91.3
Denmark.....	136.5	129.0	101.1	109.6	107.2	104.7	103.7	102.1	94.8					
France.....	142.1	148.7	133.1	106.6	105.5	105.8	105.9	103.0	95.1	92.4	91.6	91.0	89.5	89.9
Germany.....	142.3	136.3	110.5	99.9	99.3	99.3	100.1	100.9	91.3	86.7	84.3	80.4	78.6	79.3
Italy.....	109.0	121.2	122.4	103.6	108.9	109.7	107.7	104.2	93.6	96.7	98.0	96.7	97.4	99.0
Netherlands.....	164.7	156.4	111.9	97.6	98.9	99.7	101.6	101.0	96.4	91.3	90.0	88.9	88.8	89.5
Norway.....	154.0	154.3	135.0	118.6	114.3	107.1	103.7	100.8	102.1	105.2	106.9	107.9	111.1	111.9
Sweden.....	168.3	154.7	124.0	119.5	121.4	119.0	116.4	109.0	94.9	99.6	106.3	106.0	105.0	107.3
United Kingdom.....	217.4	202.1	155.3	118.9	123.2	122.3	119.2	108.5	97.5	99.4	103.0	104.8	105.4	104.7
Compensation per hour														
United States.....	14.9	23.8	55.8	80.9	84.2	86.9	91.0	95.8	102.9	105.8	108.3	110.7	115.1	120.0
Canada.....	10.4	17.8	47.7	75.3	77.8	82.5	89.5	94.7	99.6	100.4	103.6	102.8	106.7	110.8
Japan.....	4.3	16.5	58.6	77.9	79.2	84.2	90.7	95.9	104.6	106.7	109.5	110.9	114.1	115.0
Belgium.....	5.4	13.7	52.5	79.7	81.1	85.9	90.1	97.3	104.8	106.1	109.2	112.0	115.1	115.9
Denmark.....	4.6	13.3	49.6	80.1	82.9	87.7	92.7	95.9	104.6					
France.....	4.3	10.3	40.8	78.6	81.6	86.0	90.6	96.2	102.8	105.0	107.7	109.4	112.4	114.0
Germany.....	8.1	20.7	53.6	76.0	79.1	83.2	89.4	95.1	105.9	111.7	117.7	123.7	126.6	127.6
Italy.....	1.6	4.7	28.2	66.7	69.3	75.9	84.4	96.3	107.5	107.8	112.8	120.9	125.9	124.8
Netherlands.....	6.4	20.2	64.4	87.8	87.7	88.5	90.8	95.2	103.7	108.2	110.6	113.9	117.5	117.8
Norway.....	4.7	11.8	39.0	78.5	83.3	87.2	92.3	97.5	101.5	104.4	109.2	113.6	119.1	126.4
Sweden.....	4.1	10.8	37.4	67.3	71.7	79.4	87.6	95.4	98.0	101.1	106.2	113.4	118.3	121.5
United Kingdom.....	3.1	6.3	33.2	64.8	67.7	72.9	80.9	90.5	104.3	106.5	107.4	108.2	112.8	119.2
Unit labor costs: National currency basis														
United States.....			77.6	85.7	85.9	89.5	93.1	97.5	100.8	97.7	94.3	94.3	94.3	94.5
Canada.....	25.5	30.0	63.3	82.5	85.5	89.2	93.9	99.6	97.2	94.5	95.2	95.8	96.2	99.2
Japan.....	30.9	43.3	91.7	96.0	93.4	94.0	95.0	96.5	104.1	104.9	100.1	95.8	95.0	95.4
Belgium.....	30.1	41.7	80.3	89.7	88.1	88.7	93.0	98.1	102.3	97.9	96.4	97.6	94.6	94.7
Denmark.....	15.4	25.2	55.0	88.4	88.2	88.1	93.6	96.3	100.1	93.0	93.4	92.3	95.3	94.9
France.....	19.5	24.0	61.2	96.2	93.4	93.6	96.8	99.3	102.2	96.8	94.0	95.1	91.1	89.4
Germany.....	27.8	39.8	69.4	86.3	86.5	87.9	90.3	93.3	105.3	103.6	105.9	107.5	103.9	100.4
Italy.....	8.0	12.7	44.0	78.3	79.9	84.9	91.3	98.4	104.4	102.1	103.2	109.6	111.1	109.8
Netherlands.....	33.2	53.0	93.1	95.8	93.5	91.1	92.1	95.6	101.8	94.8	92.3	91.5	89.9	88.7
Norway.....	12.9	20.4	50.8	84.1	90.4	92.2	95.6	100.0	100.9	102.9	107.1	111.4	116.9	121.4
Sweden.....	14.9	20.5	50.6	74.7	79.0	84.7	92.3	100.4	91.8	87.0	86.8	90.4	88.5	89.0
United Kingdom.....	10.5	14.1	59.1	81.5	82.2	84.6	91.6	98.1	100.2	99.7	102.5	104.7	108.7	113.8
Unit labor costs: U.S. dollar basis														
United States.....			77.6	85.7	85.9	89.5	93.1	97.5	100.8	97.7	94.3	94.3	94.3	94.5
Canada.....	31.9	34.7	65.4	75.2	83.9	91.0	97.2	105.0	91.1	83.6	83.8	84.9	83.9	80.8
Japan.....	10.9	15.3	51.3	84.2	92.4	86.3	83.1	90.9	118.8	130.1	135.1	111.7	99.5	92.3
Belgium.....	19.4	27.0	88.3	77.2	77.0	72.3	89.5	92.3	95.1	94.2	105.2	101.4	84.9	83.8
Denmark.....	13.5	20.3	58.9	77.9	79.0	72.6	91.3	90.8	93.2	88.3	100.7	96.1	87.0	85.5
France.....	21.1	23.0	76.7	84.7	82.9	77.7	94.1	93.1	95.5	92.4	99.8	98.4	82.6	80.2
Germany.....	10.4	17.1	59.6	74.9	76.9	73.0	87.3	87.8	99.4	99.8	115.5	111.6	93.5	89.1
Italy.....	16.0	24.9	63.3	74.4	75.6	76.2	93.8	97.6	81.8	78.1	78.0	87.5	80.3	77.9
Netherlands.....	15.5	25.8	82.4	83.1	83.1	75.5	88.9	89.8	96.3	91.6	101.2	95.4	81.0	78.6
Norway.....	11.3	17.8	63.9	77.5	86.1	82.9	95.0	95.7	88.3	90.7	105.0	107.1	102.5	99.9
Sweden.....	16.8	23.0	69.6	68.5	75.0	76.4	90.8	96.6	68.6	65.7	70.8	78.5	67.5	65.2
United Kingdom.....	15.6	19.2	77.8	75.7	82.9	78.5	92.5	98.2	85.2	86.4	91.6	92.5	100.8	106.8

Data not available.

46. Occupational injury and illness rates by industry,¹ United States

Industry and type of case ²	Incidence rates per 100 full-time workers ³											
	1986	1987	1988	1989 ¹	1990	1991	1992	1993 ⁴	1994 ⁴	1995 ⁴	1996 ⁴	1997 ⁴
PRIVATE SECTOR⁵												
Total cases	7.9	8.3	8.6	8.6	8.8	8.4	8.9	8.5	8.4	8.1	7.4	7.1
Lost workday cases.....	3.6	3.8	4.0	4.0	4.1	3.9	3.9	3.8	3.8	3.6	3.4	3.3
Lost workdays.....	65.8	69.9	76.1	78.7	84.0	86.5	93.8					
Agriculture, forestry, and fishing⁵												
Total cases	11.2	11.2	10.9	10.9	11.6	10.8	11.6	11.2	10.0	9.7	8.7	8.4
Lost workday cases.....	5.6	5.7	5.6	5.7	5.9	5.4	5.4	5.0	4.7	4.3	3.9	4.1
Lost workdays.....	93.6	94.1	101.8	100.9	112.2	108.3	126.9					
Mining												
Total cases	7.4	8.5	8.8	8.5	8.3	7.4	7.3	6.8	6.3	6.2	5.4	5.9
Lost workday cases.....	4.1	4.9	5.1	4.8	5.0	4.5	4.1	3.9	3.9	3.9	3.2	3.7
Lost workdays.....	125.9	144.0	152.1	137.2	119.5	129.6	204.7					
Construction												
Total cases	15.2	14.7	14.6	14.3	14.2	13.0	13.1	12.2	11.8	10.6	9.9	9.5
Lost workday cases.....	6.9	6.8	6.8	6.8	6.7	6.1	5.8	5.5	5.5	4.9	4.5	4.4
Lost workdays.....	134.5	135.8	142.2	143.3	147.9	148.1	161.9					
General building contractors:												
Total cases	14.9	14.2	14.0	13.9	13.4	12.0	12.2	11.5	10.9	9.8	9.0	8.5
Lost workday cases.....	6.6	6.5	6.4	6.5	6.4	5.5	5.4	5.1	5.1	4.4	4.0	3.7
Lost workdays.....	122.7	134.0	132.2	137.3	137.6	132.0	142.7					
Heavy construction, except building:												
Total cases	14.7	14.5	15.1	13.8	13.8	12.8	12.1	11.1	10.2	9.9	9.0	8.7
Lost workday cases.....	6.3	6.4	7.0	6.5	6.3	6.0	5.4	5.1	5.0	4.8	4.3	4.3
Lost workdays.....	132.9	139.1	162.3	147.1	144.6	160.1	165.8					
Special trades contractors:												
Total cases	15.6	15.0	14.7	14.6	14.7	13.5	13.8	12.8	12.5	11.1	10.4	10.0
Lost workday cases.....	7.2	7.1	7.0	6.9	6.9	6.3	6.1	5.8	5.8	5.0	4.8	4.7
Lost workdays.....	140.4	135.7	141.1	144.9	153.1	151.3	168.3					
Manufacturing												
Total cases	10.6	11.9	13.1	13.1	13.2	12.7	12.5	12.1	12.2	11.6	10.6	10.3
Lost workday cases.....	4.7	5.3	5.7	5.8	5.8	5.6	5.4	5.3	5.5	5.3	4.9	4.8
Lost workdays.....	85.2	95.5	107.4	113.0	120.7	121.5	124.6					
Durable goods:												
Total cases	11.0	12.5	14.2	14.1	14.2	13.6	13.4	13.1	13.5	12.8	11.6	11.3
Lost workday cases.....	4.8	5.4	5.9	6.0	6.0	5.7	5.5	5.4	5.7	5.6	5.1	5.1
Lost workdays.....	87.1	96.8	111.1	116.5	123.3	122.9	126.7					
Lumber and wood products:												
Total cases	18.9	18.9	19.5	18.4	18.1	16.8	16.3	15.9	15.7	14.9	14.2	13.5
Lost workday cases.....	9.7	9.6	10.0	9.4	8.8	8.3	7.6	7.6	7.7	7.0	6.8	6.5
Lost workdays.....	177.2	176.5	189.1	177.5	172.5	172.0	165.8					
Furniture and fixtures:												
Total cases	15.2	15.4	16.6	16.1	16.9	15.9	14.8	14.6	15.0	13.9	12.2	12.0
Lost workday cases.....	6.3	6.7	7.3	7.2	7.8	7.2	6.6	6.5	7.0	6.4	5.4	5.8
Lost workdays.....	103.0	103.6	115.7			128.4						
Stone, clay, and glass products:												
Total cases	13.6	14.9	16.0	15.5	15.4	14.8	13.6	13.8	13.2	12.3	12.4	11.8
Lost workday cases.....	6.5	7.1	7.5	7.4	7.3	6.8	6.1	6.3	6.5	5.7	6.0	5.7
Lost workdays.....	126.0	135.8	141.0	149.8	160.5	156.0	152.2					
Primary metal industries:												
Total cases	13.6	17.0	19.4	18.7	19.0	17.7	17.5	17.0	16.8	16.5	15.0	15.0
Lost workday cases.....	6.1	7.4	8.2	8.1	8.1	7.4	7.1	7.3	7.2	7.2	6.8	7.2
Lost workdays.....	125.5	145.8	161.3	168.3	180.2	169.1	175.5					
Fabricated metal products:												
Total cases	16.0	17.0	18.8	18.5	18.7	17.4	16.8	16.2	16.4	15.8	14.4	14.2
Lost workday cases.....	6.8	7.2	8.0	7.9	7.9	7.1	6.6	6.7	6.7	6.9	6.2	6.4
Lost workdays.....	115.5	121.9	138.8	147.6	155.7	146.6	144.0					
Industrial machinery and equipment:												
Total cases	10.7	11.3	12.1	12.1	12.0	11.2	11.1	11.1	11.6	11.2	9.9	10.0
Lost workday cases.....	4.2	4.4	4.7	4.8	4.7	4.4	4.2	4.2	4.4	4.4	4.0	4.1
Lost workdays.....	72.0	72.7	82.8	86.8	88.9	86.6	87.7					
Electronic and other electrical equipment:												
Total cases	6.4	7.2	8.0	9.1	9.1	8.6	8.4	8.3	8.3	7.6	6.8	6.6
Lost workday cases.....	2.7	3.1	3.3	3.9	3.8	3.7	3.6	3.5	3.6	3.3	3.1	3.1
Lost workdays.....	49.8	55.9	64.6	77.5	79.4	83.0	81.2					
Transportation equipment:												
Total cases	9.6	13.5	17.7	17.7	17.8	18.3	18.7	18.5	19.6	18.6	16.3	15.4
Lost workday cases.....	4.1	5.7	6.6	6.8	6.9	7.0	7.1	7.1	7.8	7.9	7.0	6.6
Lost workdays.....	79.1	105.7	134.2	138.6	153.7	166.1	186.6					
Instruments and related products:												
Total cases	5.3	5.8	6.1	5.6	5.9	6.0	5.9	5.6	5.9	5.3	5.1	4.8
Lost workday cases.....	2.3	2.4	2.6	2.5	2.7	2.7	2.7	2.5	2.7	2.4	2.3	2.3
Lost workdays.....	42.2	43.9	51.5	55.4	57.8	64.4	65.3					
Miscellaneous manufacturing industries:												
Total cases	10.2	10.7	11.3	11.1	11.3	11.3	10.7	10.0	9.9	9.1	9.5	8.9
Lost workday cases.....	4.3	4.6	5.1	5.1	5.1	5.1	5.0	4.6	4.5	4.3	4.4	4.2
Lost workdays.....	70.9	81.5	91.0	97.6	113.1	104.0	108.2					

See footnotes at end of table.

46. Continued—Occupational injury and illness rates by industry,¹ United States

Industry and type of case ²	Incidence rates per 100 full-time workers ³											
	1986	1987	1988	1989 ¹	1990	1991	1992	1993 ⁴	1994 ⁴	1995 ⁴	1996 ⁴	1997 ⁴
Nondurable goods:												
Total cases	10.0	11.1	11.4	11.6	11.7	11.5	11.3	10.7	10.5	9.9	9.2	8.8
Lost workday cases.....	4.6	5.1	5.4	5.5	5.6	5.5	5.3	5.0	5.1	4.9	4.6	4.4
Lost workdays.....	82.3	93.5	101.7	107.8	116.9	119.7	121.8					
Food and kindred products:												
Total cases	16.5	17.7	18.5	18.5	20.0	19.5	18.8	17.6	17.1	16.3	15.0	14.5
Lost workday cases.....	8.0	8.6	9.2	9.3	9.9	9.9	9.5	8.9	9.2	8.7	8.0	8.0
Lost workdays.....	137.8	153.7	169.7	174.7	202.6	207.2	211.9					
Tobacco products:												
Total cases	6.7	8.6	9.3	8.7	7.7	6.4	6.0	5.8	5.3	5.6	6.7	5.9
Lost workday cases.....	2.5	2.5	2.9	3.4	3.2	2.8	2.4	2.3	2.4	2.6	2.8	2.7
Lost workdays.....	45.6	46.4	53.0	64.2	62.3	52.0	42.9					
Textile mill products:												
Total cases	7.8	9.0	9.6	10.3	9.6	10.1	9.9	9.7	8.7	8.2	7.8	6.7
Lost workday cases.....	3.1	3.6	4.0	4.2	4.0	4.4	4.2	4.1	4.0	4.1	3.6	3.1
Lost workdays.....	59.3	65.9	78.8	81.4	85.1	88.3	87.1					
Apparel and other textile products:												
Total cases	6.7	7.4	8.1	8.6	8.8	9.2	9.5	9.0	8.9	8.2	7.4	7.0
Lost workday cases.....	2.7	3.1	3.5	3.8	3.9	4.2	4.0	3.8	3.9	3.6	3.3	3.1
Lost workdays.....	49.4	59.5	68.2	80.5	92.1	99.9	104.6					
Paper and allied products:												
Total cases	10.5	12.8	13.1	12.7	12.1	11.2	11.0	9.9	9.6	8.5	7.9	7.3
Lost workday cases.....	4.7	5.8	5.9	5.8	5.5	5.0	5.0	4.6	4.5	4.2	3.8	3.7
Lost workdays.....	99.5	122.3	124.3	132.9	124.8	122.7	125.9					
Printing and publishing:												
Total cases	6.5	6.7	6.6	6.9	6.9	6.7	7.3	6.9	6.7	6.4	6.0	5.7
Lost workday cases.....	2.9	3.1	3.2	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.8	2.7
Lost workdays.....	50.8	55.1	59.8	63.8	69.8	74.5	74.8					
Chemicals and allied products:												
Total cases	6.3	7.0	7.0	7.0	6.5	6.4	6.0	5.9	5.7	5.5	4.8	4.8
Lost workday cases.....	2.7	3.1	3.3	3.2	3.1	3.1	2.8	2.7	2.8	2.7	2.4	2.3
Lost workdays.....	49.4	58.8	59.0	63.4	61.6	62.4	64.2					
Petroleum and coal products:												
Total cases	7.1	7.3	7.0	6.6	6.6	6.2	5.9	5.2	4.7	4.8	4.6	4.3
Lost workday cases.....	3.2	3.1	3.2	3.3	3.1	2.9	2.8	2.5	2.3	2.4	2.5	2.2
Lost workdays.....	67.5	65.9	68.4	68.1	77.3	68.2	71.2					
Rubber and miscellaneous plastics products:												
Total cases	14.0	15.9	16.3	16.2	16.2	15.1	14.5	13.9	14.0	12.9	12.3	11.9
Lost workday cases.....	6.6	7.6	8.1	8.0	7.8	7.2	6.8	6.5	6.7	6.5	6.3	5.8
Lost workdays.....	118.2	130.8	142.9	147.2	151.3	150.9	153.3					
Leather and leather products:												
Total cases	10.5	12.4	11.4	13.6	12.1	12.5	12.1	12.1	12.0	11.4	10.7	10.6
Lost workday cases.....	4.8	5.8	5.6	6.5	5.9	5.9	5.4	5.5	5.3	4.8	4.5	4.3
Lost workdays.....	83.4	114.5	128.2	130.4	152.3	140.8	128.5					
Transportation and public utilities												
Total cases	8.2	8.4	8.9	9.2	9.6	9.3	9.1	9.5	9.3	9.1	8.7	8.2
Lost workday cases.....	4.8	4.9	5.1	5.3	5.5	5.4	5.1	5.4	5.5	5.2	5.1	4.8
Lost workdays.....	102.1	108.1	118.6	121.5	134.1	140.0	144.0					
Wholesale and retail trade												
Total cases	7.7	7.7	7.8	8.0	7.9	7.6	8.4	8.1	7.9	7.5	6.8	6.7
Lost workday cases.....	3.3	3.4	3.5	3.6	3.5	3.4	3.5	3.4	3.4	3.2	2.9	3.0
Lost workdays.....	54.0	56.1	60.9	63.5	65.6	72.0	80.1					
Wholesale trade:												
Total cases	7.2	7.4	7.6	7.7	7.4	7.2	7.6	7.8	7.7	7.5	6.6	6.5
Lost workday cases.....	3.6	3.7	3.8	4.0	3.7	3.7	3.6	3.7	3.8	3.6	3.4	3.2
Lost workdays.....	62.5	64.0	69.2	71.9	71.5	79.2	82.4					
Retail trade:												
Total cases	7.8	7.8	7.9	8.1	8.1	7.7	8.7	8.2	7.9	7.5	6.9	6.8
Lost workday cases.....	3.2	3.3	3.4	3.4	3.4	3.3	3.4	3.3	3.3	3.0	2.8	2.9
Lost workdays.....	50.5	52.9	57.6	60.0	63.2	69.1	79.2					
Finance, insurance, and real estate												
Total cases	2.0	2.0	2.0	2.0	2.4	2.4	2.9	2.9	2.7	2.6	2.4	2.2
Lost workday cases.....	.9	.9	.9	.9	1.1	1.1	1.2	1.2	1.1	1.0	.9	0.9
Lost workdays.....	17.1	14.3	17.2	17.6	27.3	24.1	32.9					
Services												
Total cases	5.3	5.5	5.4	5.5	6.0	6.2	7.1	6.7	6.5	6.4	6.0	5.6
Lost workday cases.....	2.5	2.7	2.6	2.7	2.8	2.8	3.0	2.8	2.8	2.8	2.6	2.5
Lost workdays.....	43.0	45.8	47.7	51.2	56.4	60.0	68.6					

¹ 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.

² 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.

³ 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).

⁴ 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.

⁵ Excludes farms with fewer than 11 employees since 1976.
Data not available.

47. Fatal occupational injuries by event or exposure, 1993-98

Event or exposure ¹	Fatalities			
	1993 97	1997 ²	1998	
	Average	Number	Number	Percent
Total	6,335	6,238	6,026	100
Transportation incidents.....	2,611	2,605	2,630	44
Highway incident	1,334	1,393	1,431	24
Collision between vehicles, mobile equipment	652	640	701	12
Moving in same direction	109	103	118	2
Moving in opposite directions, oncoming	234	230	271	4
Moving in intersection	132	142	142	2
Vehicle struck stationary object or equipment	249	282	306	5
Noncollision incident.....	360	387	373	6
Jackknifed or overturned no collision	267	298	300	5
Nonhighway (farm, industrial premises) incident.....	388	377	384	6
Overturned	214	216	216	4
Aircraft	315	261	223	4
Worker struck by a vehicle	373	367	413	7
Water vehicle incident	106	109	112	2
Railway	83	93	60	1
Assaults and violent acts.....	1,241	1,111	960	16
Homicides	995	860	709	12
Shooting	810	708	569	9
Stabbing	75	73	61	1
Other, including bombing	110	79	79	1
Self-inflicted injuries.....	215	216	223	4
Contact with objects and equipment.....	1,005	1,035	941	16
Struck by object	573	579	517	9
Struck by falling object	369	384	317	5
Struck by flying object	65	54	58	1
Caught in or compressed by equipment or objects	290	320	266	4
Caught in running equipment or machinery	153	189	129	2
Caught in or crushed in collapsing materials	124	118	140	2
Falls..	668	716	702	12
Fall to lower level	591	653	623	10
Fall from ladder	94	116	111	2
Fall from roof	139	154	156	3
Fall from scaffold, staging	83	87	97	2
Fall on same level	52	44	51	1
Exposure to harmful substances or environments..	586	554	572	9
Contact with electric current	320	298	334	6
Contact with overhead power lines	128	138	153	3
Contact with temperature extremes	43	40	46	1
Exposure to caustic, noxious, or allergenic substances	120	123	104	2
Inhalation of substances	70	59	48	1
Oxygen deficiency	101	90	87	1
Drowning, submersion	80	72	75	1
Fires and explosions ..	199	196	205	3
Other events or exposures³	26	21	16	-

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Structures.

² The BLS news release issued August 12, 1998, reported a total of 6,218 fatal work injuries for calendar year 1997. Since then, an additional 20 job-related fatalities were identified, bringing the total job-related fatality count for 1997 to 6,238.

³ 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.