FOR TECHNICAL INFORMATION:
Patrick C. Jackman (202) 606-7000 CPI QUICKLINE: FOR CURRENT AND HISTORICAL
INFORMATION: (202) 606-7828
MEDIA CONTACT:
INTERNET ADDRESS
http://stats.bls.gov/cpihome.htm

USDL-98-491
TRANSMISSION OF
MATERIAL IN THIS
RELEASE IS EMBARGOED
UNTIL 8:30 A.M. (EST)
Tuesday, December 15, 1998

## CONSUMER PRICE INDEX: NOVEMBER 1998

The Consumer Price Index for All Urban Consumers (CPI-U) was unchanged in November, before seasonal adjustment, remaining at a level of 164.0 (1982-84=100), the Bureau of Labor Statistics of the U.S. Department of Labor reported today. For the 12 -month period ended in November, the CPIU has increased 1.5 percent.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) rose 0.1 percent in November, prior to seasonal adjustment. The November 1998 CPI-W level of 160.7 was 1.4 percent higher than the index in November 1997.

CPI for All Urban Consumers (CPI-U)
On a seasonally adjusted basis, the CPI-U rose 0.2 percent in
November, the same as in October. The indexes for food and energy, which had accelerated in October, moderated in November. The food index increased 0.1 percent in November after advancing 0.6 percent in October. The index for food at home, which increased 0.7 percent in October, rose 0.2 percent in November; the moderation was a result of downturns in the indexes for fruits and vegetables and for meats, poultry, fish, and eggs. The energy index, which rose 0.9 percent in October, was unchanged in November. The index for petroleum-based energy declined 1.0 percent, while the index for energy services increased 0.8 percent. Excluding food and energy, the CPI-U increased 0.2 percent in November, the same as in each of the preceding four months.

Table A. Percent changes in CPI for Urban Consumers (CPI-U)
Seasonally adjusted

Expenditure
Category

Changes from preceding month 1998

| All Items | . 3 | . 1 | . 2 | . 2 | . 0 | . 2 | . 2 | 1.7 | 1.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Food and beverages | . 5 | . 1 | . 2 | . 3 | . 0 | . 5 | . 2 | 2.7 | 2.3 |
| Housing | . 3 | . 1 | . 2 | . 1 | . 2 | . 2 | . 3 | 3.0 | 2.3 |
| Apparel | . 4 | . 2 | -. 3 | 1.1 | -. 7 | . 1 | . 0 | -2.7 | . 2 |
| Transportation | . 1 | -. 3 | . 3 | . 0 | -. 4 | . 3 | . 0 | -. 6 | -1.7 |
| Medical care | . 3 | . 4 | . 2 | . 4 | . 3 | . 2 | . 2 | 2.7 | 3.5 |
| Recreation | . 0 | . 1 | . 0 | . 1 | . 1 | -. 3 | . 2 | . 0 | 1.3 |
| Education and communication | . 3 | . 1 | . 0 | -. 5 | . 0 | . 2 | . 2 | 1.6 | 1.0 |
| Other goods and services | . 7 | . 0 | . 7 | . 1 | . 9 | . 3 | -. 3 | 3.9 | 4.6 |
| Special Indexes |  |  |  |  |  |  |  |  |  |
| Energy | . 3 | -. 7 | . 0 | -1.0 | -1.3 | . 9 | . 0 | -1.6 | -9.2 |
| Food | . 6 | . 1 | . 2 | . 2 | . 0 | . 6 | . 1 | 2.8 | 2.3 |
| All Items less food and energy | . 2 | . 1 | . 2 | . 2 | . 2 | . 2 | . 2 | 2.1 | 2.3 |

As previously announced, effective with release of data for January 1999, the BLS will introduce a new formula for calculating the basic components of the CPI. See page 4 for more details. See pages 5-9 for announcements of other methodological changes to be introduced with data for January 1999.

During the first 11 months of 1998, the CPI-U rose at a 1.6 -percent seasonally adjusted annual rate (SAAR). This compares with an increase of 1.7 percent for all of 1997. Energy costs have continued to act as a moderating influence on overall consumer price index movements thus far in 1998, decreasing at an 8.2-percent annual rate after declining 3.4 percent in all of 1997. Food costs, which rose 1.5 percent in 1997, have risen at a 2.5-percent SAAR in the first 11 months of 1998. Excluding food and energy, the CPI-U has advanced at a 2.4 -percent rate thus far in 1998 compared with a 2.2 percent rise for all of 1997

The food and beverages index rose 0.2 percent in November. The index for food at home, which increased 0.7 percent in October, rose 0.2 percent in November; the moderation was a result of downturns in the indexes for fruits and vegetables and for meats, poultry, fish, and eggs. The index for fruits and vegetables declined 0.9 percent in November, following a 3.2 percent increase in October. In November, the index for fresh vegetables fell 3.0 percent, more than offsetting a 1.1 percent rise in the index for fresh fruits. (Prior to seasonal adjustment, prices for fresh vegetables increased 0.5 percent, while fresh fruit prices fell 0.9 percent.) The index for processed fruits and vegetables declined for the third consecutive month--down 0.6 percent in November. The index for meats, poultry, fish, and eggs declined 0.2 percent, following a 0.2
percent rise in October. A downturn in the indexes for poultry and for eggs was responsible for the November decline. Meat prices rose slightly in November; increases in prices for beef and other meats more than offset another decline in pork prices. The index for dairy products continued to advance, but by less than in recent months-up 0.6 percent in November, following increases of about 1.5 percent in each of the preceding three months. The indexes for the other three major grocery store food groups, cereal and bakery products, nonalcoholic beverages, and other food at home, rose $0.2,0.5$, and 0.7 percent, respectively. The other two components of the food and beverage index--food away from home and alcoholic beverages--each rose 0.2 percent.

The housing component rose 0.3 percent in November. Shelter costs rose 0.3 percent, following an increase of 0.2 percent in October. Within shelter, the indexes for rent and for owners' equivalent rent each rose 0.2 percent, and the cost of lodging away from home increased 1.3 percent. (Prior to seasonal adjustment, the cost of lodging while out of town fell 2.9 percent.) The index for fuels and utilities increased 0.6 percent in November, its first advance since May. The indexes for natural gas and for electricity rose 2.2 and 0.4 percent, respectively, more than offsetting a 0.7 percent decline in the index for fuel oil. (Prior to seasonal adjustment, charges for electricity fell 1.9 percent, reflecting the switch to off-season rates in some areas.) The index for household furnishings and operations increased 0.2 percent in November, the same as in October.

The transportation component, which increased 0.3 percent in October, was unchanged in November. The November moderation reflects a return to the general pattern in 1998 of declining gasoline prices. Following an increase of 2.7 percent in October, the index for gasoline fell 0.9 percent in November. (Prior to seasonal adjustment, gasoline prices declined 1.2 percent.) Gasoline prices have fallen 11.9 percent thus far in 1998 and are 24.9 percent lower than their peak level in November 1990. The index for new and used vehicle prices rose 0.2 percent in November. The index for new vehicles was unchanged. (Prior to seasonal adjustment, new vehicle prices rose 0.7 percent. As of November, about 55 percent of the new vehicle sample was represented by 1999 models. The 1999 models will continue to be phased in, with appropriate adjustments for quality change, over the next several months as they replace old models at dealerships. For a report on quality changes for the 1999 vehicles represented in the Producer Price Index sample, see news release USDL-98457, dated November 13, 1998.) The index for used cars and trucks increased 0.7 percent. Public transportation costs declined for the third month in a row, down 0.5 percent in November, reflecting a 2.1 percent drop in airline fares.

The index for apparel was unchanged in November, following a 0.1 percent rise in October. (Prior to seasonal adjustment, apparel prices declined 0.4 percent, largely reflecting the discounting of prices for women's wear.)

Medical care costs rose 0.2 percent in November to a level 3.5 percent above a year ago. The index for medical care commodities-prescription drugs, nonprescription drugs, and medical supplies--increased 0.2 percent. The index for medical care services also rose 0.2 percent, with charges for professional services and for hospital and related services each up 0.2 percent.

The index for recreation costs, which declined 0.3 percent in October, rose 0.2 percent in November. Continued declines in prices for video and audio equipment and for toys were offset by increases in prices for pets, pet products and services, sporting goods, club memberships, and admissions to movies, theaters, concerts and sporting events.

The index for education and communication rose 0.2 percent in November, the same as in October. The index for telephone services rose 0.4 percent. The index for information and information processing other than telephone services declined 2.2 percent, reflecting a 2.8 percent drop in the index for personal computers and peripheral equipment. The latter index has declined 34.4 percent thus far in 1998.

The index for other goods and services declined 0.3 percent in November, following an increase of 0.3 percent in October. The downturn largely was attributable to a decrease in the index for tobacco and smoking products, which fell 1.1 percent in November after increasing 0.3 percent in October. For the 12 months ended in November, however, the index for tobacco and smoking products has risen 12.2 percent.

CPI for Urban Wage Earners and Clerical Workers (CPI-W)
On a seasonally adjusted basis, the CPI for Urban Wage Earners and Clerical Workers increased 0.1 percent in November.

Table B. Percent changes in CPI for Urban Wage Earners and Clerical
Workers (CPI-W)
Seasonally adjusted
Un-

Expenditure
Category

Changes from preceding month 1998

|  | May | June | July | Aug. | Sep. | Oct. | Nov. | Nov. 98 | Nov. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All Items | . 3 | . 1 | . 2 | . 1 | . 1 | 3 | . 1 | 2.0 | 1.4 |
| Food and beverages | . 6 | . 1 | . 3 | . 2 | . 0 | . 5 | . 2 | 2.8 | 2.1 |
| Housing | . 3 | . 1 | . 2 | . 1 | . 2 | . 2 | . 3 | 2.8 | 2.1 |
| Apparel | . 3 | . 3 | -. 4 | . 9 | -. 5 | . 4 | . 1 | . 0 | . 3 |
| Transportation | . 1 | -. 1 | . 2 | -. 1 | -. 4 | . 4 | . 0 | . 0 | -1.7 |
| Medical care | . 3 | . 5 | . 2 | . 3 | . 3 | . 2 | . 2 | 2.8 | 3.5 |
| Recreation | -. 2 | . 1 | -. 1 | . 2 | . 0 | -. 3 | . 1 | -. 8 | . 8 |
| Education and communication | . 4 | . 1 | . 1 | -. 5 | . 1 | . 1 | . 3 | 2.0 | 1.2 |
| Other goods and services | . 8 | -. 1 | . 9 | . 2 | 1.3 | . 3 | -. 5 | 4.5 | 5.5 |
| Special Indexes |  |  |  |  |  |  |  |  |  |
| Energy | . 3 | -. 6 | -. 1 | -1.1 | -1.4 | 1.0 | -. 1 | -2.0 | -9.5 |
| Food | . 6 | . 1 | . 3 | . 3 | . 1 | . 5 | . 2 | 2.5 | 2.2 |
| All Items less food and energy |  | . 1 | . 2 | . 2 | . 2 | . 2 | . 2 | 2.1 | 2.3 |

Consumer Price Index data for December are scheduled for release on Thursday, January 14, 1999, at 8:30 A.M. (EST).

Releases for the remainder of 1999:

| Feb. 19 | Aug. 17 |
| :--- | :--- |
| Mar. 18 | Sep. 15 |
| Apr. 13 | Oct. 19 |
| May 14 | Nov. 17 |
| June 16 | Dec. 14 |
| July 15 | Jan. 14,2000 |

Planned Change in the Consumer Price Index Formula
On April 16, the Bureau of Labor Statistics announced its decision to use a new formula for calculating the basic components of the Consumer Price Index for all Urban Consumers (CPI-U) and the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). This change will become effective with data for January 1999.

The new formula, the geometric mean estimator, will be used in index categories that comprise approximately 61 percent of total consumer spending represented by the CPI-U. The remaining index categories, which are shown in the table below, will continue to be calculated as they are currently. Based upon BLS research, it is expected that planned use of the new formula will reduce the annual rate of increase in the CPI by
approximately 0.2 percentage point per year.
The geometric mean estimator will be introduced in both the CPI-U and the CPI-W effective with data for January 1999, in accord with the past practice of introducing methodological changes at the beginning of a calendar year. BLS will continue to publish "overlap" CPI-U and CPI-W series using the current calculation method for the first six months of 1999. These indexes will not be published regularly for months subsequent to June 1999, but will be available upon request.

Additional information on this change will be published in the April 1998 CPI Detailed Report and is available on the Internet
(http://stats.bls.gov/cpihome.htm). This information may also be obtained by writing to the Bureau of Labor Statistics, Division of Consumer Prices and Price Indexes, 2 Massachusetts Ave. N.E., Room 3615 Washington, D.C. 20212 or by calling (202) 606-7000.

Arithmetic Mean (Laspeyres) Formula

1. Selected shelter services:

| A) Rent of primary residence | B) Owners' equivalent rent of primary residence | C) Housing at school, excluding board |
| :---: | :---: | :---: |
| 2. Selected utilities and government charges: |  |  |
| A) Electricity | C) Residential water and sewerage maintenance | E) Telephone services local charges |
| B) Utility natural gas service | D) State and local registration, license, and motor vehicle property tax | F) Cable television |
| 3. Selected medical care services: |  |  |
| A) Physicians' services | C) Eyeglasses and eye care | E) Hospital services |
| B) Dental services | D) Services by other medical professionals | F) Nursing homes and Adult daycare |

Changing the Treatment of Mandated Pollution Control Measures in

Beginning in 1999, modifications to goods and services made solely for purposes of meeting air pollution standards, and that do not otherwise provide direct value to consumers, will no longer be treated as quality improvements in the Consumer Price Index (CPI). Price increases associated with such modifications will be reflected as increases in the index.

The Bureau of Labor Statistics (BLS) recently undertook to explain more precisely the relationship between the CPI and a complete measure of changes in consumers' living costs. As part of this activity the BLS reviewed the treatment of pollution control measures in the CPI. The new policy for treating pollution control measures is a direct result of that review.

BLS has stated that the proper objective of the CPI is to approximate changes in the cost of living of U.S. consumers /1. The CPI is intended to approximate a particular subindex of a complete cost-of-living index, a subindex that is limited to prices of market goods and services and is conditional upon the levels of other determinants of changes in living costs, such as the environment, crime level, and numerous governmentprovided goods and services. The choice of this index definition recognizes that not all important living cost determinants can be reliably measured and also provides users of the CPI with a clear specification of its scope and limitations.

Given the current definition, changes in air quality, as well as in other important environmental factors, are beyond the scope of the CPI and thus properly cannot be included in its construction. A more complete explanation of the relationship between the CPI and a comprehensive measure of changes in living costs is contained in "The Treatment of Mandated Pollution Control Measures in the CPI." /2

The new policy for the treatment of air pollution measures will become effective with CPI data for January 1999. The new practice will have its most significant effect on the motor fuel and new and used motor vehicle components of the index. In the vehicle indexes, the policy will apply to all vehicle models introduced on or after January 1, 1999. Since most of the 1999 model-year vehicles will be introduced before that date, the old practice will be used for the 1998-to-1999 model-year changeover in most cases.
have been made to the new car (or new vehicle) component of the CPI since 1969 (automobile model year 1970), with their estimated dollar effect published annually. Since 1988, these data have also been utilized to make quality adjustments in the used car component. In addition, beginning in late 1994, quality adjustments were made for the introduction of reformulated gasoline, which was required in selected areas for compliance with the Clean Air Act Amendment of 1990. Available information is not sufficient to make possible a complete accounting of the impacts of this policy in all years. The estimates presented below should be viewed, therefore, as approximations rather than as precise values. In adherence with standard policy, the official CPI historical data will not be revised to be consistent with the new practice. For the period from December 1968 through December 1997, the new car component of the CPI-U rose 174.2 percent. BLS estimates that not adjusting for anti-pollution measures would have resulted in an increase of 230.2 percent over this period. Quality adjustments for light trucks have been made since they were introduced into the CPI in 1983. For the
period from December 1983 through December 1997, this index rose 51.4 percent, but with the quality adjustments for anti-pollution measures factored back into the index, it would have risen by an estimated 55.1 percent in this period. The CPI used car index rose 27.2 percent between December 1987 and December 1997; with the quality adjustments for antipollution measures factored back into the index, it would have risen approximately 28.8 percent in that 10 -year period. The motor fuel component, whose index rose 7.5 percent between December 1993 and December 1997, would have increased by an estimated 15.4 percent over that period if adjustment for environmental quality change had not been made. BLS estimates that the aggregate effect of these component changes on the CPI-U All Items index would have increased the percentage change over the period from December 1968 to December 1997 from 354.4 percent to 357.7 percent. Past experience, however, is not necessarily an indicator of the future impact of this policy change.

For additional information on these changes, write to
Bureau of Labor Statistics
Division of Consumer Prices and Price Indexes
2 Massachusetts Ave. NE, Room 3130
Washington, DC 20212
or send e-mail to Jackman_P@bls.gov, or telephone Patrick Jackman at (202) 606-6950, or obtain the information on the internet at:
http://stats.bls.gov/cpihome.htm.

# response to a letter from Representative Jim Saxton, Chairman of the Joint 

 Economic Committee, June 1997. Paper available by contacting BLS or on the internet at: http://stats.bls.gov/cpihome.htm/2 Paper available by contacting BLS or on the internet at http://stats.bls.gov/cpihome.htm

Improvements to CPI Procedures for
Handling Refunds for Utilities
Effective with the calculation of the index for January 1999, the Consumer Price Index (CPI) will change its treatment of refunds for electricity, natural gas, or other utility services when the refunds are based on earlier periods' utility consumption amounts. The change will affect both the price indexes and the average prices computed by the CPI program.

Under the current practice, the CPI utility indexes reflect refunds that appear on current period bills but that are based on past period utility consumption. Generally these refunds result from the rollback of temporary rate increases, lower than anticipated energy costs, or a reevaluation of rates with respect to actual costs. The current practice makes these indexes rather volatile and do not reflect the actual current price (for example, what a new customer would pay) for a utility service such as electricity.

Under the new procedure, the CPI will disregard any refund for past excess charges when it appears on residential customer bills as a separate refund credit that is subtracted from the charges for current billing period's usage. The movement of the CPI utility indexes will reflect all changes in rates-generally in the month they are effective. The CPI utility indexes will continue to reflect current period credits that are based on current period consumption, such as those associated with purchased gas or fuel adjustments.

For additional information on this change, write to the Bureau of Labor Statistics, Division of Consumer Prices and Price Indexes, 2 Massachusetts Ave. NE, Room 3615, Washington, DC 20212-0001; or telephone Bob Adkins at (202) 606-6985 ext. 264, or send e-mail to Adkins_B@bls.gov

Using a hedonic model to adjust television prices in the Consumer Price Index for changes in quality

Effective with the release of the Consumer Price Index (CPI) for January 1999, the Bureau of Labor Statistics (BLS) will introduce an improvement in the way in which it calculates the Television stratum of the CPI.

As of December 1997, Televisions constituted 0.215 percent in the Consumer Price Index for all Urban Consumers (the CPI-U) and 0.256 percent in the Consumer Price Index for Urban Wage Earners and Clerical Workers (the CPI-W).

Bureau of Labor Statistics researchers developed a regression procedure, called a hedonic model, that decomposes the price of television sets into implicit prices for each important feature and component /1. This model uses Television observations collected for the CPI and provides an estimate of the value of each of the significant features and components of the sets for which prices are collected. This yields a mechanism for replacing obsolete televisions in the CPI sample with current ones, allowing the CPI to capture the price change that may occur as new models replace old ones in the market
place without counting the value of quality improvements as price increases.

The CPI has used similar hedonic methods to adjust apparel prices for many years. In January 1998, the CPI began using a similar approach for Personal Computers. In the coming years, BLS plans to extend the method to additional CPI items.

Starting with the CPI for January 1999, when a television model in the CPI sample improves in some way, the value of that change, as derived from the regression estimates, will be deducted from the observed price change for that product. (Conversely, if a model deteriorates, the value of the difference will be added to the price.

For additional information on these changes, write to
Bureau of Labor Statistics
Division of Consumer Prices and Price Indexes
2 Massachusetts Ave. NE, Room 3260
Washington, DC 20212-0001
or telephone Tim LaFleur at (202) 606-6982 ext. 253,
or send e-mail to LaFleur_T@bls.gov

[^0]Revision of the CPI Housing Sample and Estimation Process
BLS will implement the housing portion of the ongoing CPI revision process beginning with the index for January 1999. This part of the CPI revision is directed at the major shelter indexes, "rent of primary residence" and "owners' equivalent rent of primary residence." The CPI will shift to an improved estimation method for homeowner shelter costs and will use a new housing unit sample based on the 1990 decennial census.

The new estimator for "owners' equivalent rent of primary residence" will employ the same rental observations that form the basis of the revised "rent of primary residence" index. Those observations will be weighted to reflect the total urban stock of owner-occupied and renteroccupied housing, respectively. The current CPI estimates the change in the implicit rents of a sample of owner-occupied units from the rent change of rental units matched specifically to them. Among other advantages, the new method will not require selection of an owner-occupied sample.

The new sample will provide a current set of rental housing units that, as noted above, will be the basis of both the "rent of primary residence" and "owners' equivalent rent of primary residence" indexes. The decennial census provided information that BLS has used to select small geographic areas (called segments) within the CPI's 87 pricing areas that represent the urban United States. The segment selection process utilizes random sampling so that the housing sample will represent all varieties and locations of the housing stock throughout each CPI pricing area. Segments have been selected for the initial sample. Augmentation segments also will be supplied to replenish the current sample. The CPI will use another sample augmentation process to bring housing units constructed since the decennial census into the CPI housing sample.

Additional information on these and other changes to the housing component of the CPI can be found in the December 1996 Monthly Labor Review article, "Revision of the CPI Housing Sample and Estimators." For additional information, write to the Bureau of Labor Statistics, Division of Consumer Prices and Price Indexes, 2 Massachusetts Ave., NE, Room 3615, Washington, DC 20212-0001 or telephone Frank Ptacek at 202-606-6991 ext. 278, or send e-mail to Ptacek_F@bls.gov

BLS to Maintain Current Reference Base of 1982-84=100 for most CPI index series

The Bureau of Labor Statistics (BLS) previously indicated its intention to change the numerical reference base for both the Consumer Price Index for All Urban Consumers (CPI-U) and the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) from their present 1982-84=100 base to a 1993-95=100 base, effective with release of the January 1999 index in February 1999. BLS also indicated that the alternate, or $1967=100$ base, would be discontinued in 1999 as well. This plan was initially described in the December 1996 Monthly Labor Review, a publication which contained several articles that dealt with the 1998 CPI Revision.

The BLS has now decided not to implement this rebasing plan. Instead, the BLS will maintain the reference base of 1982-84=100 used for most items. In addition, the $1967=100$ reference base will continue to be the alternate base for the All Items indexes. This decision is based in part on the fact that historical data have less precision after rebasing. Rebasing is simply an arithmetic transformation that does not substantially impact the index. Because the rebased index values are smaller, however, the loss of precision due to rounding is more serious. In addition retaining the old index reference bases would spare users the inconvenience associated with conversion.

Changes in the numerical reference base should not be confused with the updating of the CPI's the market basket. With release of the January CPI in February 1998, the expenditure weights applied to CPI categories are based on consumer spending patterns for 1993-95. and service group
(1982-84=100, unless otherwise noted)

Unadjusted

| 1997 | Oct. | Nov. |
| :--- | :--- | :--- |
|  | 1998 | 1998 |

## Oct. <br> 1998

Seasonally adjusted percent change from-

$$
\begin{aligned}
& \text { Aug. to Sep. to Oct. to } \\
& \text { Sep. Oct. Nov. }
\end{aligned}
$$

Expenditure category

| All items | 100.000 | 164.0 | 164.0 | 1.5 | 0.0 | 0.0 | 0.2 | 0.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All items (1967=100) | - | 491.3 | 491.3 | - | - | - | - | - |
| Food and beverages | 16.310 | 162.4 | 162.5 | 2.3 | 0.1 | 0.0 | 0.5 | 0.2 |
| Food | 15.326 | 162.0 | 162.1 | 2.3 | 0.1 | 0.0 | 0.6 | 0.1 |
| Food at home | 9.646 | 162.5 | 162.5 | 2.1 | 0.0 | -0.2 | 0.7 | 0.2 |
| Cereals and bakery products | 1.536 | 182.2 | 182.1 | 2.3 | -0.1 | 0.0 | 0.2 | 0.2 |
| Meats, poultry, fish, and eggs | 2.629 | 148.0 | 147.9 | -0.9 | -0.1 | -0.7 | 0.2 | -0.2 |
| Dairy and related products (1) | 1.037 | 155.0 | 155.9 | 6.1 | 0.6 | 1.6 | 1.4 | 0.6 |
| Fruits and vegetables | 1.394 | 199.5 | 198.8 | 4.9 | -0.4 | -2.0 | 3.2 | -0.9 |
| Nonalcoholic beverages and beverage materials ....................... | 1.077 | 132.6 | 132.7 | -1.5 | 0.1 | 0.0 | 0.4 | 0.5 |
| Other food at home | 1.972 | 152.7 | 152.7 | 3.4 | 0.0 | 0.3 | 0.1 | 0.7 |
| Sugar and sweets | . 377 | 150.5 | 149.6 | 1.5 | -0.6 | 0.3 | -0.1 | 0.3 |
| Fats and oils | . 291 | 156.8 | 155.1 | 10.5 | -1.1 | 1.9 | 2.6 | -0.3 |
| Other foods | 1.305 | 166.0 | 166.7 | 3.2 | 0.4 | -0.1 | -0.4 | 1.1 |
| Other miscellaneous foods (1) (2) | . 309 | 103.5 | 104.8 | - | 1.3 | 0.1 | -0.1 | 1.3 |
| Food away from home (1) | 5.680 | 162.3 | 162.6 | 2.5 | 0.2 | 0.4 | 0.1 | 0.2 |
| Other food away from home (1) (2) | . 172 | 102.7 | 103.3 | - | 0.6 | 0.4 | 0.0 | 0.6 |
| Alcoholic beverages | . 983 | 166.6 | 166.8 | 1.9 | 0.1 | 0.4 | 0.1 | 0.2 |
| Housing | 39.560 | 161.4 | 161.3 | 2.3 | -0.1 | 0.2 | 0.2 | 0.3 |
| Shelter | 29.788 | 183.9 | 184.0 | 3.5 | 0.1 | 0.5 | 0.2 | 0.3 |
| Rent of primary residence | 6.885 | 173.9 | 174.5 | 3.4 | 0.3 | 0.3 | 0.3 | 0.2 |
| Lodging away from home (2).. | 2.327 | 109.5 | 106.3 | - | -2.9 | 2.8 | -0.3 | 1.3 |
| Owners' equivalent rent of primary residence (3).................. | 20.199 | 189.8 | 190.3 | 3.3 | 0.3 | 0.3 | 0.3 | 0.2 |
| Tenants' and household insurance (1) | . 377 | 99.7 | 99.9 | - | 0.2 | 0.0 | 0.5 | 0.2 |
| Fuels and utilities | 4.942 | 127.1 | 126.5 | -3.5 | -0. 5 | -0.6 | -0.2 | 0.6 |
| Fuels | 4.018 | 112.0 | 111.4 | -5.4 | -0.5 | -0.8 | -0.4 | 0.8 |
| Fuel oil and other fuels | . 261 | 86.4 | 86.8 | -10.1 | 0.5 | -1.7 | -0.8 | -0.9 |
| Gas (piped) and electricity | 3.757 | 119.6 | 118.9 | -5.1 | -0.6 | -0.8 | -0.3 | 0.8 |
| Household furnishings and operations | 4.831 | 126.6 | 126.6 | 1.1 | 0.0 | -0.3 | 0.2 | 0.2 |




|  | Medical care |
| :---: | :---: |
|  | Medical care commodities |
|  | Medical care services |
|  | Professional services |
|  | Hospital and related services |

$\qquad$Recreation (2)
$\qquad$Video and audio (1) (2)
$\qquad$
$\qquad$ation (2).
$\qquad$
Education (2).................................
Tuition, other school fees, and childcare
Communication (1) (2)..................................
Information and information processing (1)

Information and information processing
other than telephone services (1) (4)
Personal computers and peripheral
equipment (1) (2).
ther goods and services ....

### 1.390

 1.990135.6
134.1
128.8
130.2 .895 17.578 16.240 7.899 5.063 5.063
1.880 1.880 2.995
.976
.560
1.603 1.338
135.0
134.1 27.5 127.5
131.3
31.3
0.0
$-0.7$
0.1
1.2
-1.5
-0. 2
$\begin{array}{llll}-1.0 & -0.5 & -1.5 & -0.5\end{array}$
0.8
0.8
0.8
0.8

| 0.1 | -0.4 | 0.3 | 0.0 |
| :--- | :--- | :--- | :--- |
| 0.2 | -0.3 | 0.4 | 0.0 |

0.0
0.0
0.2
0.2
0.0
0.2
0.7
0.7
-1.0
$-1.0$
-0.9
-0.2
0.5
$-0.5$
0.2
0.2
0.2
0.2
0.2
0.2
$-0.3$
0.1
0.2
0.4
0.3
0.4
0.0
0.4
$-2.2$
$-2.8$

| -0.3 | 0.9 | 0.3 | -0.3 |
| :--- | :--- | :--- | :--- |
| -1.3 | 3.3 | 0.3 | -1.1 |

$\begin{array}{llll}-1.3 & 3.3 & 0.3 & -1 . \\ -0.1 & 0.3 & 0.4 & -0.1\end{array}$
$\begin{array}{llll}-0.4 & 0.4 & 0.2 & -0.4\end{array}$
0.1
0.3
0.3

Commodity and service group

| Commodities | 42.635 | 142.6 | 142.5 | 0.1 | -0.1 | -0.1 | 0.4 | -0.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Food and beverages | 16.310 | 162.4 | 162.5 | 2.3 | 0.1 | 0.0 | 0.5 | 0.2 |
| Commodities less food and beverages | 26.326 | 130.8 | 130.6 | -1.2 | -0.2 | -0.2 | 0.2 | -0.2 |
| Nondurables less food and beverages | 14.729 | 133.6 | 132.9 | -1.8 | -0. 5 | -0.3 | 0.6 | -0.5 |
| Apparel | 4.944 | 135.6 | 135.0 | 0.2 | -0.4 | -0.7 | 0.1 | 0.0 |
| Nondurables less food, beverages, and apparel | 9.785 | 137.6 | 136.8 | -2.7 | -0.6 | -0.2 | 0.6 | -0.4 |
| Durables | 11.596 | 126.9 | 127.4 | -0.4 | 0.4 | -0.3 | -0.2 | 0.2 |
| Services | 57.365 | 185.5 | 185.6 | 2.5 | 0.1 | 0.2 | 0.2 | 0.3 |
| Rent of shelter (3) | 29.410 | 191.5 | 191.5 | 3.5 | 0.0 | 0.5 | 0.2 | 0.3 |
| Transportation services | 6.984 | 188.2 | 188.3 | 1.1 | 0.1 | -0.3 | -0.2 | 0.1 |
| Other services | 10.625 | 219.0 | 219.5 | 3.2 | 0.2 | 0.2 | 0.1 | 0.3 |
| Special indexes |  |  |  |  |  |  |  |  |
| All items less food | 84.674 | 164.4 | 164.3 | 1.4 | -0.1 | 0.1 | 0.2 | 0.1 |
| All items less shelter | 70.212 | 157.9 | 157.9 | 0.7 | 0.0 | -0.1 | 0.3 | 0.1 |
| All items less medical care | 94.386 | 159.5 | 159.5 | 1.4 | 0.0 | 0.0 | 0.3 | 0.2 |
| Commodities less food | 27.309 | 132.3 | 132.1 | -1.0 | -0.2 | -0.3 | 0.3 | -0.2 |
| Nondurables less food | 15.712 | 135.6 | 135.0 | -1. 5 | -0.4 | -0.3 | 0.5 | -0.2 |
| Nondurables less food and apparel | 10.768 | 139.5 | 138.8 | -2.2 | -0.5 | -0.1 | 0.6 | -0.3 |
| Nondurables | 31.039 | 148.1 | 147.8 | 0.3 | -0.2 | 0.0 | 0.5 | -0.1 |
| Services less rent of shelter (3) | 27.955 | 192.6 | 192.7 | 1.5 | 0.1 | 0.0 | 0.0 | 0.3 |
| Services less medical care services | 52.973 | 179.7 | 179.7 | 2.5 | 0.0 | 0.2 | 0.1 | 0.3 |
| Energy | 7.013 | 101.3 | 100.5 | -9.2 | -0.8 | -1.3 | 0.9 | 0.0 |
| All items less energy | 92.987 | 172.2 | 172.3 | 2.4 | 0.1 | 0.1 | 0.2 | 0.1 |
| All items less food and energy | 77.661 | 174.7 | 174.8 | 2.3 | 0.1 | 0.2 | 0.2 | 0.2 |
| Commodities less food and energy commodities | 24.053 | 143.8 | 143.8 | 0.7 | 0.0 | -0.1 | 0.0 | -0.1 |
| Energy commodities | 3.256 | 90.5 | 89.6 | -13.8 | -1.0 | -2.1 | 2.4 | -1.0 |
| Services less energy services | 53.608 | 192.3 | 192.4 | 3.1 | 0.1 | 0.3 | 0.2 | 0.3 |
| Purchasing power of the consumer dollar $(1982-84=\$ 1.00) \quad . . . . . . . . . . . . . . . . . . .$ | - | \$ . 610 | \$ . 610 | - | - | - | - | _ |
| Purchasing power of the consumer dollar (1967=\$1.00) . . . . . . . . . . . . . . . . . . . . . . | - | \$ . 204 | \$ . 204 | - | - | - | - | - |

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

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): Seasonally adjusted U.S. city average, by expenditure category and commodity and service group

## (1982-84=100, unless otherwise noted)

Seasonally adjusted indexes

CPI-U

| CPI-U |  |  |  |  | 3 months ended-- |  |  |  | 6 months ended-- |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Aug. $1998$ | $\begin{aligned} & \text { Sep. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Nov. } \\ & 1998 \end{aligned}$ |  |  |  |  |  |  |
|  |  |  |  |  | $\begin{aligned} & \text { Feb. } \\ & 1998 \end{aligned}$ | $\begin{array}{r} \text { May } \\ 1998 \end{array}$ | Aug. <br> 1998 | Nov. $1998$ | $\begin{array}{r} \text { May } \\ 1998 \end{array}$ | $\begin{aligned} & \text { Nov. } \\ & 1998 \end{aligned}$ |
| Expenditure category |  |  |  |  |  |  |  |  |  |  |
| All items | 163.6 | 163.6 | 164.0 | 164.3 | 0.5 | 2.2 | 1.7 | 1.7 | 1.4 | 1.7 |
| Food and beverages | 161.7 | 161.7 | 162.5 | 162.8 | 1.3 | 2.3 | 2.8 | 2.7 | 1.8 | 2.8 |
| Food | 161.4 | 161.4 | 162.3 | 162.5 | 1.3 | 2.5 | 2.5 | 2.8 | 1.9 | 2.6 |
| Food at home | 161.8 | 161.4 | 162.6 | 162.9 | 0.5 | 2.5 | 2.8 | 2.7 | 1.5 | 2.8 |
| Cereals and bakery products | 182.1 | 182.1 | 182.4 | 182.8 | 1.3 | 2.5 | 3.6 | 1.5 | 1.9 | 2.6 |
| Meats, poultry, fish, and eggs | 148.1 | 147.1 | 147.4 | 147.1 | -3.7 | -0.8 | 3.3 | -2.7 | -2.3 | 0.3 |
| Dairy and related products (1) | 150.5 | 152.9 | 155.0 | 155.9 | 1.9 | 1.1 | 6.6 | 15.1 | 1.5 | 10.8 |
| Fruits and vegetables .. | 201.1 | 197.0 | 203.3 | 201.5 | 6.8 | 18.9 | -4.6 | 0.8 | 12.7 | -2.0 |
| Nonalcoholic beverages and beverage materials ....................... | 132.1 | 132.1 | 132.6 | 133.3 | -3.5 | -4.7 | -1.2 | 3.7 | -4.1 | 1.2 |
| Other food at home | 152.0 | 152.5 | 152.7 | 153.8 | 0.8 | 1.1 | 7.7 | 4.8 | 0.9 | 6.3 |
| Sugar and sweets | 150.2 | 150.7 | 150.5 | 151.0 | 1.9 | -1.1 | 3.3 | 2.1 | 0.4 | 2.7 |
| Fats and oils | 149.9 | 152.7 | 156.6 | 156.2 | -0.8 | 0.3 | 27.4 | 17.9 | -0.3 | 22.5 |
| Other foods | 166.5 | 166.4 | 165.8 | 167.7 | 3.2 | 1.7 | 5.0 | 2.9 | 2.5 | 3.9 |
| Other miscellaneous foods (1) (2) | 103.5 | 103.6 | 103.5 | 104.8 | - | 4.0 | 8.5 | 5.1 | - | 6.8 |
| Food away from home (1)........... | 161.5 | 162.1 | 162.3 | 162.6 | 2.5 | 2.5 | 2.3 | 2.8 | 2.5 | 2.5 |
| Other food away from home (1) (2) | 102.3 | 102.7 | 102.7 | 103.3 | - | 0.8 | 6.9 | 4.0 | - | 5.4 |
| Alcoholic beverages .............. | 165.8 | 166.5 | 166.7 | 167.1 | 1.7 | -0.2 | 2.7 | 3.2 | 0.7 | 2.9 |
| Housing | 160.6 | 161.0 | 161.3 | 161.8 | 1.0 | 3.3 | 1.8 | 3.0 | 2.2 | 2.4 |
| Shelter | 182.4 | 183.3 | 183.7 | 184.2 | 3.4 | 4.1 | 2.4 | 4.0 | 3.7 | 3.2 |
| Rent of primary residence | 172.8 | 173.4 | 173.9 | 174.3 | 2.6 | 3.8 | 3.5 | 3.5 | 3.2 | 3.5 |
| Lodging away from home (2) | 101.4 | 104.2 | 103.9 | 105.2 | - | 7.4 | -2.7 | 15.9 | - | 6.2 |


| Owners' equivalent rent of primary residence (3).................... | 188.5 | 189.0 | 189.6 | 189.9 | 3.5 | 3.7 | 2.8 | 3.0 | 3.6 | 2.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tenants' and household insurance (1) (2) | 99.2 | 99.2 | 99.7 | 99.9 | - | -2.4 | -1.6 | 2.9 | - | 0.6 |
| Fuels and utilities | 127.8 | 127.0 | 126.8 | 127.6 | -12.1 | 2.8 | -3.1 | -0.6 | -4.9 | -1.9 |
| Fuels | 112.4 | 111.5 | 111.1 | 112.0 | -17.9 | 2.9 | -3. 8 | -1.4 | -8.1 | -2.6 |
| Fuel oil and other fuels | 89.7 | 88.2 | 87.5 | 86.7 | -17.7 | -0.9 | -8.4 | -12.7 | -9.7 | -10.6 |
| Gas (piped) and electricity | 120.1 | 119.1 | 118.8 | 119.8 | -18.0 | 2.7 | -3.3 | -1.0 | -8.2 | -2.1 |
| Household furnishings and operations | 126.8 | 126.4 | 126.6 | 126.8 | 2.3 | 1.0 | 1.3 | 0.0 | 1.6 | 0.6 |
| Apparel | 134.2 | 133.2 | 133.3 | 133.3 | -0.9 | 0.6 | 4.0 | -2.7 | -0.2 | 0.6 |
| Men's and boys' apparel | 132.3 | 130.6 | 132.2 | 132.0 | 3.4 | -1.5 | 2.5 | -0.9 | 0.9 | 0.8 |
| Women's and girls' apparel | 128.4 | 127.7 | 125.8 | 125.2 | -2.5 | 3.9 | 6.1 | -9.6 | 0.6 | -2.0 |
| Infants' and toddlers' apparel (1) | 124.4 | 124.9 | 130.2 | 131.3 | -8.9 | 12.9 | -7.7 | 24.1 | 1.4 | 7.1 |
| Footwear | 129.4 | 128.9 | 128.6 | 129.6 | -4.3 | -1.9 | 9.5 | 0.6 | -3.1 | 5.0 |
| Transportation | 141.7 | 141.1 | 141.5 | 141.5 | -4.1 | -2.0 | 0.0 | -0.6 | -3.0 | -0.3 |
| Private transportation | 137.9 | 137.5 | 138.1 | 138.1 | -5.3 | -2.0 | -0.6 | 0.6 | -3.7 | 0.0 |
| New and used motor vehicles (2) | 100.7 | 100.8 | 100.7 | 100.9 | - | 0.4 | 2.0 | 0.8 | - | 1.4 |
| New vehicles | 143.9 | 143.7 | 143.2 | 143.2 | -0.6 | -0.8 | 2.0 | -1.9 | -0.7 | 0.0 |
| Used cars and trucks (1) | 151.1 | 151.9 | 153.0 | 154.0 | 2.2 | 4.4 | 3.0 | 7.9 | 3.3 | 5.4 |
| Motor fuel | 90.6 | 88.8 | 91.1 | 90.2 | -29.2 | -13.4 | -9.9 | -1.8 | -21.7 | -5.9 |
| Gasoline (all types) | 89.9 | 88.1 | 90.5 | 89.7 | -29.6 | -14.2 | -10.0 | -0.9 | -22.3 | -5.6 |
| Motor vehicle parts and equipment | 101.3 | 101.3 | 101.5 | 101.3 | -1.6 | -1.6 | 2.4 | 0.0 | -1.6 | 1.2 |
| Motor vehicle maintenance and repair | 167.3 | 168.1 | 168.7 | 169.5 | 4.0 | 1.0 | 3.4 | 5.4 | 2.5 | 4.4 |
| Public transportation | 194.2 | 191.0 | 188.6 | 187.6 | 11.9 | -2.5 | 8.7 | -12.9 | 4.5 | -2.7 |
| Medical care | 243.7 | 244.4 | 244.9 | 245.3 | 3.1 | 4.3 | 3.9 | 2.7 | 3.7 | 3.3 |
| Medical care commodities | 223.1 | 224.5 | 224.7 | 225.2 | 3.0 | 6.0 | 3.5 | 3.8 | 4.5 | 3.6 |
| Medical care services | 248.2 | 248.6 | 249.2 | 249.6 | 3.2 | 3.7 | 4.1 | 2.3 | 3.4 | 3.2 |
| Professional services | 223.3 | 224.0 | 224.4 | 224.9 | 3.2 | 3.9 | 3.7 | 2.9 | 3.5 | 3.3 |
| Hospital and related services | 289.5 | 289.5 | 290.5 | 291.1 | 3.6 | 2.7 | 5.1 | 2.2 | 3.2 | 3.7 |
| Recreation (2) | 101.2 | 101.3 | 101.0 | 101.2 | - | 1.6 | 0.8 | 0.0 | - | 0.4 |
| Video and audio (1) (2) | 101.2 | 101.4 | 101.1 | 100.8 | 3.6 | 0.0 | 0.0 | -1.6 | 1.8 | -0.8 |
| Education and communication (2) | 100.4 | 100.4 | 100.6 | 100.8 | - | 3.7 | -1.6 | 1.6 | - | 0.0 |
| Education (2) | 103.3 | 103.3 | 103.8 | 104.2 | - | 6.5 | 4.0 | 3.5 | - | 3.7 |
| Educational books and supplies | 250.1 | 253.2 | 256.8 | 257.6 | 3.5 | 8.4 | 0.3 | 12.5 | 5.9 | 6.3 |
| Tuition, other school fees, and childcare | 296.4 | 296.1 | 297.4 | 298.5 | 4.8 | 6.4 | 4.0 | 2.9 | 5.6 | 3.4 |
| Communication (1) (2) | 97.9 | 97.9 | 97.8 | 97.8 | -3.5 | 0.8 | -5.9 | -0.4 | -1.4 | -3.2 |
| Information and information processing (1) (2) | 97.7 | 97.7 | 97.6 | 97.6 | -3.9 | 0.8 | -6.3 | -0.4 | -1.6 | -3.4 |
| Telephone services (1) (2) | 100.4 | 100.7 | 100.7 | 101.1 | - | 4.5 | -2.7 | 2.8 | - | 0.0 |
| Information and information processing other than telephone services (1) (4) | 37.6 | 36.7 | 36.1 | 35.3 | -25.0 | -23.0 | -32.6 | -22.3 | -24.0 | -27.6 |

Personal computers and peripheral

$$
\text { equipment (1) (2)..................... } 71.1
$$

68.5
67.5
65.6
$-32.7$
$-45.4$
$-27.5$
-37.1
283.9241 .7 $\begin{array}{lll}157.5 & 284.0 & 280.8 \\ 158.1 & 158.0\end{array}$ 149.1 167.1
236.5
158.1
149.4
167.5
167.5
$\begin{array}{ll}237.3 & 167 .\end{array}$

| Tobacco and smoking products |
| :---: |
| Personal care (1) |
| Personal care products (1) |
| Personal care services (1) |
| Miscellaneous personal serv |

238. 274.2
157.1 148.5 166.6
235.7
142.2
161.7
130.7
132.6
134.2

137.1
127.8
184.8
190.3
188.6
218.1

## Special indexes

| All items less food | 163.8 |
| :---: | :---: |
| All items less shelter | 157.6 |
| All items less medical care | 158.9 |
| Commodities less food | 132.3 |
| Nondurables less food | 134.6 |
| Nondurables less food and apparel | 138.9 |
| Nondurables | 147.0 |
| Services less rent of shelter (3) | 192.4 |
| Services less medical care services | 178.9 |
| Energy | 101.5 |
| All items less energy | 171.7 |
| All items less food and energy | 174.2 |
| Commodities less food and energy commodities .................. | 143.7 |
| Energy commodities | 90.5 |
| Services less energy services | 191.4 |

163.9 157.4 158.9 131.9 134.2 138.7
147.0 192.4 179.3 100.2 171.9 174.5
143.6

| 143.6 | 143.6 |
| ---: | ---: |
| 88.6 | 90.7 |

$\begin{array}{rr}191.9 & 90.7\end{array}$

| 142.5 | 1 |  |
| :--- | :--- | :--- |
| 162.5 | 1 |  |
| 130.7 | 1 |  |
| 133.0 | 1 |  |
| 133.3 | 133 |  |
|  | 137.6 | 137 |
|  | 127.2 | 127 |
| 185.5 | 186 |  |
|  | 191.5 | 192 |
| 187.7 | 187 |  |
|  | 218.8 |  |


142.0
161.7
130.4
132.2
133.2
142.4
5.8
$\begin{array}{rr}80.8 & 18.6 \\ 58.0 & 1.8\end{array}$
2.
$2.9 \quad 3$
1.
$\begin{array}{rr}1.3 & 2.3 \\ -2.1 & 0.8\end{array}$
4.2
3.8
6.3
15.0
3.0
4.4
2.3
2.8
$3.0 \quad 1.8$
$-0.7$
-7
4.0

[^1]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.
Table 3. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index
(1982-84=100, unless otherwise noted)

All items

| CPI-U | $\begin{gathered} \text { Prici- } \\ \text { ng } \\ \text { sched- } \\ \text { ule } \\ \text { (1) } \end{gathered}$ | Indexes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Aug. $1998$ | $\begin{aligned} & \text { Sep. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Nov. } \\ & 1998 \end{aligned}$ |
|  | M | 163.4 | 163.6 | 164.0 | 164.0 |

Percent change to Oct. 1998 from--

| Nov. | Sep. | Oct. | Oct. | Aug. | Sep. |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1997 | 1998 | 1998 | 1997 | 1998 | 1998 |
|  |  |  |  |  |  |
| 1.5 | 0.2 | 0.0 | 1.5 | 0.4 | 0.2 |

> Region and area size(2)

| Northeast urban | M | 170.5 | 170.6 | 171.3 | 171.2 | 1.6 | 0.4 | -0.1 | 1.5 | 0.5 | 0.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Size A - More than 1,500,000 | M | 171.4 | 171.7 | 172.3 | 172.2 | 1.7 | 0.3 | -0.1 | 1.7 | 0.5 | 0.3 |
| Size B/C 50,000 to 1,500,000 (3) | M | 102.2 | 102.2 | 102.6 | 102.6 | 1.3 | 0.4 | 0.0 | 1.2 | 0.4 | 0.4 |
| Midwest urban (4) | M | 159.5 | 159.9 | 160.1 | 160.1 | 1.5 | 0.1 | 0.0 | 1.5 | 0.4 | 0.1 |
| Size A - More than 1,500,000 | M | 161.0 | 161.4 | 161.4 | 161.3 | 1.8 | -0.1 | -0.1 | 1.9 | 0.2 | 0.0 |
| Size B/C - 50,000 to 1,500,000 (3) | M | 102.0 | 102.2 | 102.4 | 102.4 | 1.1 | 0.2 | 0.0 | 1.1 | 0.4 | 0.2 |
| ```Size D - Nonmetropolitan (less than 50,000)``` | M | 153.3 | 154.0 | 154.3 | 154.7 | 0.7 | 0.5 | 0.3 | 0.7 | 0.7 | 0.2 |
| South urban | M | 159.5 | 159.5 | 159.8 | 159.6 | 1.1 | 0.1 | -0.1 | 1.3 | 0.2 | 0.2 |
| Size A - More than 1,500,000 | M | 158.9 | 158.8 | 159.0 | 158.6 | 1.4 | -0.1 | -0.3 | 1.5 | 0.1 | 0.1 |
| Size B/C - 50,000 to 1,500,000 (3) | M | 102.5 | 102.5 | 102.8 | 102.8 | 0.9 | 0.3 | 0.0 | 1.0 | 0.3 | 0.3 |
| ```Size D - Nonmetropolitan (less than 50,000)``` | M | 160.2 | 160.1 | 159.8 | 160.0 | 1.8 | -0.1 | 0.1 | 1.8 | -0.2 | -0.2 |
| West urban | M | 164.8 | 165.1 | 165.5 | 165.8 | 1.8 | 0.4 | 0.2 | 1.7 | 0.4 | 0.2 |
| Size A - More than 1,500,000 | M | 165.6 | 165.9 | 166.3 | 166.5 | 2.3 | 0.4 | 0.1 | 2.0 | 0.4 | 0.2 |

## Size classes

| A (5) | M | 148.1 | 148.2 | 148.5 | 148.5 | 1.9 | 0.2 | 0.0 | 1.7 | 0.3 | 0.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B/C (3) | M | 102.4 | 102.4 | 102.7 | 102.8 | 1.1 | 0.4 | 0.1 | 1.0 | 0.3 | 0.3 |
| D | M | 159.4 | 159.7 | 159.7 | 159.9 | 1.3 | 0.1 | 0.1 | 1.3 | 0.2 | 0.0 |

## Selected local areas(6)

| Chicago-Gary-Kenosha, IL-IN-WI | M | 165.4 | 165.3 | 165.7 | 165.4 | 1.5 | 0.1 | -0.2 | 2.0 | 0.2 | 0.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Los Angeles-Riverside-Orange County, CA | M | 162.6 | 162.6 | 163.2 | 163.4 | 1.7 | 0.5 | 0.1 | 1.3 | 0.4 | 0.4 |
| New York-Northern N.J.-Long Island, NY-NJ-CT-PA | M | 174.2 | 174.4 | 174.8 | 174.7 | 1.6 | 0.2 | -0.1 | 1.5 | 0.3 | 0.2 |
| Boston-Brockton-Nashua, MA-NH-ME-CT | 1 | - | 172.1 | - | 173.3 | 2.3 | 0.7 | - | - | - | - |
| Cleveland-Akron, OH | 1 | - | 161.5 | - | 160.8 | 2.4 | -0.4 | - | - | - | - |
| Dallas-Fort Worth, TX | 1 | - | 154.5 | - | 154.0 | - | -0.3 | - | - | - | - |
| Washington-Baltimore, DC-MD-VA-WV (7) | 1 | - | 102.9 | - | 102.4 | 1.9 | -0.5 | - | - | - | - |
| Atlanta, GA | 2 | 161.9 | - | 162.0 | - | - | - | - | - | 0.1 | - |
| Detroit-Ann Arbor-Flint, MI | 2 | 160.5 | - | 161.0 | - | - | - | - | 2.0 | 0.3 | - |
| Houston-Galveston-Brazoria, TX | 2 | 147.4 | - | 148.5 | - | - | - | - | 0.8 | 0.7 | - |
| Miami-Fort Lauderdale, FL | 2 | 160.8 | - | 161.1 | - | - | - | - | - | 0.2 | - |
| Philadelphia-Wilmington-Atlantic City, |  |  |  |  |  |  |  |  |  |  |  |
| PA-NJ-DE-MD | 2 | 168.6 | - | 170.3 | - | - | - | - | 1.6 | 1.0 | - |
| San Francisco-Oakland-San Jose, CA | 2 | 166.6 | - | 167.2 | - | - | - | - | 2.9 | 0.4 | - |
| Seattle-Tacoma-Bremerton, WA | 2 | 168.5 | - | 169.3 | - | - | - | - | - | 0.5 | - |

1 Areas on pricing schedule 2 (see Table 10) will appear next month.
2 Regions defined as the four Census regions. See map in technical notes.
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: Index applies to a month as a whole, not to any specific date.
Table 4. Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W): U.S. city average, by expenditure
category and commodity and service group
(1982-84=100, unless otherwise noted)


Expenditure category

| All items | 100.000 | 160.6 | 160.7 | 1.4 | 0.1 | 0.1 | 0.3 | 0.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All items (1967=100) | - | 478.4 | 478.6 | - | - | - | - | - |
| Food and beverages | 17.903 | 161.6 | 161.7 | 2.1 | 0.1 | 0.0 | 0.5 | 0.2 |
| Food . | 16.861 | 161.3 | 161.4 | 2.2 | 0.1 | -0.1 | 0.5 | 0.2 |
| Food at home | 10.785 | 161.3 | 161.3 | 2.0 | 0.0 | -0.2 | 0.7 | 0.1 |
| Cereals and bakery products | 1.678 | 181.9 | 181.9 | 2.3 | 0.0 | 0.1 | 0.1 | 0.3 |
| Meats, poultry, fish, and eggs | 3.125 | 147.5 | 147.6 | -0.9 | 0.1 | -0.7 | 0.2 | -0.2 |
| Dairy and related products (1) | 1.135 | 154.6 | 155.5 | 5.9 | 0.6 | 1.7 | 1.3 | 0.6 |
| Fruits and vegetables | 1.447 | 198.4 | 197.6 | 4.9 | -0.4 | -2.0 | 3.3 | -0.9 |
| Nonalcoholic beverages and beverage materials | 1.215 | 131.3 | 131.4 | -1.4 | 0.1 | -0.1 | 0.3 | 0.5 |
| Other food at home | 2.185 | 151.9 | 152.0 | 3.4 | 0.1 | 0.2 | 0.1 | 0.7 |
| Sugar and sweets | . 420 | 150.2 | 149.5 | 1.5 | -0. 5 | 0.1 | -0.1 | 0.3 |
| Fats and oils | . 332 | 156.1 | 154.4 | 10.1 | -1.1 | 1.7 | 2.6 | -0.4 |
| Other foods | 1.432 | 165.7 | 166.6 | 3.3 | 0.5 | -0.1 | -0. 5 | 1.1 |
| Other miscellaneous foods (1) (2). | . 344 | 103.3 | 104.9 | - | 1.5 | 0.2 | -0.4 | 1.5 |
| Food away from home (1) | 6.076 | 162.3 | 162.6 | 2.5 | 0.2 | 0.4 | 0.2 | 0.2 |
| Other food away from home (1) (2) | . 212 | 102.8 | 103.4 | - | 0.6 | 0.6 | 0.0 | 0.6 |
| Alcoholic beverages | 1.042 | 165.4 | 165.7 | 1.8 | 0.2 | 0.3 | 0.2 | 0.3 |
| Housing | 36.450 | 157.6 | 157.7 | 2.1 | 0.1 | 0.2 | 0.2 | 0.3 |
| Shelter | 27.033 | 178.4 | 178.6 | 3.4 | 0.1 | 0.4 | 0.3 | 0.3 |
| Rent of primary residence | 8.347 | 173.5 | 174.1 | 3.4 | 0.3 | 0.3 | 0.3 | 0.2 |
| Lodging away from home (2) | 1.346 | 109.7 | 106.6 | - | -2.8 | 2.7 | 0.3 | 1.2 |
| Owners' equivalent rent of primary residence (3).................... | 17.016 | 172.9 | 173.4 | 3.3 | 0.3 | 0.2 | 0.3 | 0.2 |
| Tenants' and household insurance (1) (2) | . 324 | 100.0 | 100.3 | - | 0.3 | 0.0 | 0.6 | 0.3 |
| Fuels and utilities | 5.053 | 126.9 | 126.4 | -3.4 | -0.4 | -0.6 | -0.2 | 0.7 |

Fuels
Fuel oil and other fuels
. . . . . . . . . . . . . . . . . . $3.914 \quad 86$. 3.914
4.365 Household furnishings and operations

5.300
1.503
1.985 .337 1.082 19.847 18.790
9.285 9.285
5.304 3.162 3.162
3.682 3.682
.694 1.057 186

| 1.057 | 186.3 |
| :--- | :--- |
| 4.591 | 243.7 |



| 4.591 | 243.7 | 244.0 |
| :--- | :--- | :--- |
| .906 | 220.8 | 221.1 |


| .906 | 220.8 | 244.0 |
| :--- | :--- | :--- |
| 3.684 | 248.8 | 221.1 |


| 3.684 | 248.8 | 249.1 |
| :--- | :--- | :--- |
| 2.372 | 225.8 | 225.9 |

1.097


Education and communication (2).............. 5.3101.
1.2
4.6

| .192 | 259.4 | 259. |
| :--- | ---: | ---: |

2.994

Tuition, other school fees, and childcare Communication (1) (2)
Information and information processing (1) (2).

Information and information processing
other than telephone services (1) (4) Personal computers and peripheral equipment (1) (2) $\qquad$

| Tobacco and smoking products | 1.300 | 285.2 | 281.4 | 12.3 | -1.3 | 3.4 | 0.2 | -1.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal care (1) | 3.244 | 158.3 | 158.1 | 2.5 | -0.1 | 0.3 | 0.4 | -0.1 |
| Personal care products (1) | . 832 | 150.4 | 149.8 | 1.8 | -0.4 | 0.3 | 0.2 | -0.4 |
| Personal care services (1) | . 964 | 167.8 | 168.0 | 2.6 | 0.1 | 0.2 | 0.2 | 0.1 |
| Miscellaneous personal services | 1.226 | 236.6 | 236.9 | 3.8 | 0.1 | 0.6 | 0.3 | 0.3 |
| Commodity and service group |  |  |  |  |  |  |  |  |
| Commodities | 47.234 | 142.4 | 142.4 | 0.2 | 0.0 | -0.1 | 0.4 | 0.0 |
| Food and beverages | 17.903 | 161.6 | 161.7 | 2.1 | 0.1 | 0.0 | 0.5 | 0.2 |
| Commodities less food and beverages | 29.331 | 131.0 | 130.9 | -1.1 | -0.1 | -0.2 | 0.3 | -0.1 |
| Nondurables less food and beverages | 15.928 | 133.2 | 132.5 | -1.9 | -0.5 | -0.2 | 0.8 | -0.5 |
| Apparel | 5.300 | 134.3 | 134.0 | 0.3 | -0.2 | -0.5 | 0.4 | 0.1 |
| Nondurables less food, beverages, and apparel ............................ | 10.628 | 137.3 | 136.3 | -3.0 | -0.7 | -0.3 | 0.9 | -0.7 |
| Durables | 13.403 | 126.9 | 127.4 | 0.1 | 0.4 | -0.2 | -0.1 | 0.2 |
| Services | 52.766 | 182.3 | 182.4 | 2.4 | 0.1 | 0.2 | 0.2 | 0.3 |
| Rent of shelter (3) | 26.708 | 171.8 | 172.0 | 3.4 | 0.1 | 0.5 | 0.3 | 0.3 |
| Transportation services | 6.824 | 185.8 | 186.1 | 1.1 | 0.2 | -0.3 | -0.1 | 0.1 |
| Other services | 10.006 | 215.7 | 216.2 | 3.2 | 0.2 | 0.3 | 0.1 | 0.3 |
| Special indexes |  |  |  |  |  |  |  |  |
| All items less food | 83.139 | 160.4 | 160.4 | 1.2 | 0.0 | 0.1 | 0.2 | 0.2 |
| All items less shelter | 72.967 | 155.7 | 155.7 | 0.6 | 0.0 | -0.1 | 0.3 | 0.1 |
| All items less medical care | 95.409 | 156.8 | 156.8 | 1.2 | 0.0 | 0.0 | 0.3 | 0.1 |
| Commodities less food | 30.373 | 132.4 | 132.2 | -1.0 | -0.2 | -0.2 | 0.3 | -0.1 |
| Nondurables less food | 16.970 | 135.2 | 134.5 | -1.6 | -0. 5 | -0.2 | 0.7 | -0.3 |
| Nondurables less food and apparel | 11.670 | 139.0 | 138.2 | -2.5 | -0.6 | -0.2 | 1.0 | -0.4 |
| Nondurables | 33.831 | 147.7 | 147.4 | 0.3 | -0.2 | -0.1 | 0.5 | 0.0 |
| Services less rent of shelter (3) | 26.057 | 171.3 | 171.4 | 1.4 | 0.1 | 0.1 | 0.0 | 0.2 |
| Services less medical care services | 49.082 | 176.6 | 176.8 | 2.3 | 0.1 | 0.2 | 0.1 | 0.3 |
| Energy | 7.825 | 100.5 | 99.6 | -9.5 | -0.9 | -1.4 | 1.0 | -0.1 |
| All items less energy | 92.175 | 168.9 | 169.1 | 2.3 | 0.1 | 0.2 | 0.2 | 0.2 |
| All items less food and energy | 75.315 | 170.9 | 171.1 | 2.3 | 0.1 | 0.2 | 0.2 | 0.2 |
| Commodities less food and energy commodities ................. | 26.463 | 143.5 | 143.6 | 1.0 | 0.1 | 0.1 | 0.1 | 0.0 |
| Energy commodities | 3.910 | 90.8 | 89.7 | -13.8 | -1.2 | -2.1 | 2.4 | -1.1 |
| Services less energy services | 48.852 | 189.3 | 189.6 | 3.0 | 0.2 | 0.3 | 0.2 | 0.3 |
| Purchasing power of the consumer dollar $(1982-84=\$ 1.00) . . . .$ | - | \$ . 623 | \$ . 622 | - | - | - | - | - |
| Purchasing power of the consumer dollar $(1967=\$ 1.00)$ | - | \$ . 209 | \$ . 209 | - | - | - | - | - |

[^2]2 Indexes on a December $1997=100$ base.
3 Indexes on a December 1984=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.
Table 5. Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) : Seasonally adjusted U.S. city average, by expenditure category and commodity and service group
(1982-84=100, unless otherwise noted)

Seasonally adjusted indexes
Seasonally adjusted annual rate percent change for

## CPI-W

|  |  |  |  |
| :--- | :--- | :--- | :--- |
| Aug. | Sep. | Oct. | Nov. |
| 1998 | 1998 | 1998 | 1998 |

3 months ended-- 6 months ended--
May Nov.

19981998
$199819981998 \quad 1998 \quad 19981998$
Expenditure category

| All items | 160.0 | 160.1 | 160.6 | 160.8 | 0.3 | 2.0 | 1.3 | 2.0 | 1.1 | 1.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Food and beverages | 161.1 | 161.1 | 161.9 | 162.2 | 1.3 | 2.3 | 2.5 | 2.8 | 1.8 | 2.6 |
| Food | 160.8 | 160.7 | 161.5 | 161.8 | 1.0 | 2.5 | 2.8 | 2.5 | 1.8 | 2.6 |
| Food at home | 160.8 | 160.4 | 161.5 | 161.7 | 0.3 | 2.5 | 2.8 | 2.3 | 1.4 | 2.5 |
| Cereals and bakery products | 181.9 | 182.0 | 182.1 | 182.6 | 1.4 | 2.7 | 3.6 | 1.5 | 2.0 | 2.6 |
| Meats, poultry, fish, and eggs | 147.8 | 146.7 | 147.0 | 146.7 | -3.7 | -0.8 | 3.6 | -2.9 | -2.3 | 0.3 |
| Dairy and related products (1) | 150.1 | 152.6 | 154.6 | 155.5 | 1.6 | 1.1 | 6.4 | 15.2 | 1.4 | 10.7 |
| Fruits and vegetables | 200.4 | 196.4 | 202.9 | 201.1 | 7.1 | 18.9 | -5.0 | 1.4 | 12.8 | -1.9 |
| Nonalcoholic beverages and beverage materials | 131.0 | 130.9 | 131.3 | 132.0 | -3.5 | -4.7 | -0.6 | 3.1 | -4.1 | 1.2 |
| Other food at home | 151.5 | 151.8 | 152.0 | 153.1 | 1.1 | 1.1 | 8.0 | 4.3 | 1.1 | 6.1 |
| Sugar and sweets | 150.3 | 150.4 | 150.2 | 150.7 | 1.9 | -0.8 | 3.8 | 1.1 | 0.5 | 2.4 |
| Fats and oils | 149.5 | 152.1 | 156.1 | 155.5 | -0.8 | 0.9 | 26.0 | 17.0 | 0.0 | 21.5 |
| Other foods | 166.6 | 166.5 | 165.7 | 167.6 | 3.7 | 1.7 | 5.2 | 2.4 | 2.7 | 3.8 |
| Other miscellaneous foods (1) (2). | 103.5 | 103.7 | 103.3 | 104.9 | - | 4.0 | 8.1 | 5.5 | - | 6.8 |
| Food away from home (1). | 161.4 | 162.0 | 162.3 | 162.6 | 2.5 | 2.5 | 2.0 | 3.0 | 2.5 | 2.5 |
| Other food away from home (1) (2) | 102.2 | 102.8 | 102.8 | 103.4 | - | 1.2 | 6.5 | 4.8 | - | 5.6 |
| Alcoholic beverages | 164.7 | 165.2 | 165.5 | 166.0 | 1.5 | -0.5 | 2.7 | 3.2 | 0.5 | 3.0 |



| 156.9 | 157.2 | 157.5 | 158.0 | 0.5 | 3.4 | 1.5 | 2.8 | 1.9 | 2.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 177.2 | 177.9 | 178.4 | 178.9 | 3.5 | 3.7 | 2.8 | 3.9 | 3.6 | 3.3 |
| 172.4 | 173.0 | 173.5 | 173.9 | 2.6 | 3.8 | 3.3 | 3.5 | 3.2 | 3.4 |
| 101.3 | 104.0 | 104.3 | 105.6 | - | 8.2 | -3.1 | 18.1 | - | 7.0 |
| 171.8 | 172.2 | 172.7 | 173.0 | 3.6 | 3.6 | 2.8 | 2.8 | 3.6 | 2.8 |
| 99.4 | 99.4 | 100.0 | 100.3 | - | -2.0 | -1.2 | 3.7 | - | 1.2 |
| 127.4 | 126.6 | 126.4 | 127.3 | -12.2 | 2.5 | -3.1 | -0.3 | -5.1 | -1.7 |
| 111.7 | 110.7 | 110.5 | 111.3 | -18.0 | 2.5 | -3. 8 | -1.4 | -8.3 | -2.6 |
| 90.1 | 88.5 | 87.9 | 87.3 | -17.4 | 0.9 | -8.0 | -11.9 | -8.7 | -10.0 |
| 119.3 | 118.4 | 118.1 | 119.1 | -18.3 | 2.7 | -3.9 | -0.7 | -8.4 | -2.3 |
| 125.2 | 124.7 | 124.9 | 125.1 | 2.6 | 1.0 | 0.6 | -0.3 | 1.8 | 0.2 |
| 132.2 | 131.6 | 132.1 | 132.2 | -2.7 | 0.0 | 3.4 | 0.0 | -1.4 | 1.7 |
| 131.5 | 130.2 | 132.4 | 132.0 | 1.2 | 0.0 | 1.2 | 1.5 | 0.6 | 1.4 |
| 125.7 | 125.6 | 124.1 | 123.7 | -4.4 | 2.0 | 5.6 | -6.2 | -1.3 | -0. 5 |
| 125.0 | 125.8 | 131.0 | 132.7 | -12.0 | 14.7 | -7.3 | 27.0 | 0.5 | 8.5 |
| 130.0 | 129.6 | 129.4 | 130.2 | -4.8 | -2.8 | 9.4 | 0.6 | -3.8 | 4.9 |
| 140.5 | 139.9 | 140.5 | 140.5 | -4.7 | -2.0 | -0.3 | 0.0 | -3.3 | -0.1 |
| 137.8 | 137.4 | 138.1 | 138.1 | -5.6 | -1.7 | -0.9 | 0.9 | -3.7 | 0.0 |
| 100.9 | 100.9 | 100.9 | 101.3 | - | 0.8 | 2.4 | 1.6 | - | 2.0 |
| 145.1 | 144.8 | 144.2 | 144.4 | -0.8 | -0.6 | 2.0 | -1.9 | -0.7 | 0.0 |
| 152.4 | 153.2 | 154.2 | 155.2 | 1.9 | 3.8 | 2.9 | 7.6 | 2.8 | 5.2 |
| 90.7 | 88.8 | 91.1 | 90.1 | -28.4 | -12.6 | -10.3 | -2.6 | -20.9 | -6.5 |
| 90.0 | 88.2 | 90.7 | 89.8 | -29.0 | -13.8 | -10.4 | -0.9 | -21.8 | -5.8 |
| 100.6 | 100.6 | 100.8 | 100.7 | -0.4 | -2.4 | 2.4 | 0.4 | -1.4 | 1.4 |
| 168.5 | 169.3 | 170.2 | 170.8 | 3.7 | 1.2 | 3.6 | 5.6 | 2.4 | 4.6 |
| 190.6 | 187.4 | 185.2 | 184.4 | 9.0 | -2.3 | 7.9 | -12.4 | 3.2 | -2.8 |
| 242.9 | 243.7 | 244.1 | 244.6 | 3.1 | 4.1 | 4.1 | 2.8 | 3.6 | 3.4 |
| 219.9 | 221.5 | 221.3 | 221.8 | 2.3 | 6.1 | 3.3 | 3.5 | 4.2 | 3.4 |
| 248.0 | 248.5 | 249.1 | 249.6 | 3.4 | 3.7 | 4.3 | 2.6 | 3.5 | 3.5 |
| 224.6 | 225.5 | 226.2 | 226.4 | 3.3 | 3.5 | 3.5 | 3.2 | 3.4 | 3.4 |
| 285.6 | 285.6 | 286.7 | 287.2 | 3.8 | 2.4 | 5.2 | 2.3 | 3.1 | 3.7 |
| 101.0 | 101.0 | 100.7 | 100.8 | - | 0.8 | 0.8 | -0. 8 | - | 0.0 |
| 101.1 | 101.3 | 101.0 | 100.8 | 3.6 | -0.4 | 0.0 | -1.2 | 1.6 | -0.6 |
| 100.6 | 100.7 | 100.8 | 101.1 | - | 4.1 | -1.2 | 2.0 | - | 0.4 |
| 103.2 | 103.4 | 103.9 | 104.2 | - | 6.5 | 3.6 | 3.9 | - | 3.7 |
| 252.3 | 255.3 | 259.1 | 260.0 | 3.8 | 8.7 | -0.5 | 12.8 | 6.2 | 5.9 |
| 290.5 | 290.6 | 291.7 | 292.8 | 4.8 | 6.2 | 4.2 | 3.2 | 5.5 | 3.7 |
| 98.4 | 98.5 | 98.4 | 98.5 | -3.2 | 1.6 | -5.1 | 0.4 | -0.8 | -2.4 |


| Information and information processing (1) (2) | 98.3 | 98.4 | 98.3 | 98.4 | -3.2 | 1.6 | -5.5 | 0.4 | -0.8 | -2.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Telephone services (1) (2) | 100.5 | 100.8 | 100.8 | 101.2 | - | 4.9 | -2.7 | 2.8 | - | 0.0 |
| Information and information processing other than telephone services (1) (4) | 38.9 | 38.2 | 37.4 | 36.6 | -25.5 | -25.2 | -30.5 | $-21.6$ | -25.3 | -26.2 |
| Personal computers and peripheral <br> equipment (1) (2)..................... | 71.2 | 69.0 | 67.5 | 65.3 | - | -34.7 | -42.9 | -29.2 | - | -36.4 |
| Other goods and services | 236.7 | 239.7 | 240.4 | 239.3 | 8.2 | 6.6 | 3.6 | 4.5 | 7.4 | 4.0 |
| Tobacco and smoking products | 274.5 | 283.7 | 284.3 | 280.8 | 19.2 | 11.5 | 9.6 | 9.5 | 15.3 | 9.5 |
| Personal care (1) | 157.2 | 157.7 | 158.3 | 158.1 | 1.8 | 4.5 | 1.3 | 2.3 | 3.1 | 1.8 |
| Personal care products (1) | 149.6 | 150.1 | 150.4 | 149.8 | 1.4 | 8.1 | -2.4 | 0.5 | 4.7 | -0.9 |
| Personal care services (1) | 167.0 | 167.4 | 167.8 | 168.0 | 2.0 | 3.0 | 3.2 | 2.4 | 2.5 | 2.8 |
| Miscellaneous personal services | 234.9 | 236.2 | 236.8 | 237.4 | 3.2 | 3.0 | 4.6 | 4.3 | 3.1 | 4.4 |
| Commodity and service group |  |  |  |  |  |  |  |  |  |  |
| Commodities | 142.0 | 141.8 | 142.4 | 142.4 | -1.4 | 0.0 | 1.1 | 1.1 | -0.7 | 1.1 |
| Food and beverages | 161.1 | 161.1 | 161.9 | 162.2 | 1.3 | 2.3 | 2.5 | 2.8 | 1.8 | 2.6 |
| Commodities less food and beverages | 130.6 | 130.3 | 130.7 | 130.6 | -3.3 | -0.9 | 0.0 | 0.0 | -2.1 | 0.0 |
| Nondurables less food and beverages | 131.8 | 131.5 | 132.6 | 132.0 | -5.8 | -1.2 | -1.2 | 0.6 | -3.5 | -0.3 |
| Apparel . . . . . . . . . . . . . . . . . . . . | 132.2 | 131.6 | 132.1 | 132.2 | -2.7 | 0.0 | 3.4 | 0.0 | -1.4 | 1.7 |
| Nondurables less food, beverages, and apparel | 136.5 | 136.1 | 137.3 | 136.4 | -8.5 | -0.9 | -2.0 | -0.3 | -4.8 | -1.2 |
| Durables ... | 127.5 | 127.2 | 127.1 | 127.4 | 0.3 | -1.2 | 1.6 | -0.3 | -0.5 | 0.6 |
| Services | 181.5 | 181.9 | 182.2 | 182.7 | 1.6 | 3.4 | 2.0 | 2.7 | 2.5 | 2.3 |
| Rent of shelter (3) | 170.5 | 171.3 | 171.8 | 172.4 | 3.2 | 3.4 | 2.9 | 4.5 | 3.3 | 3.7 |
| Transportation services | 186.0 | 185.5 | 185.4 | 185.6 | 3.8 | 0.6 | 1.1 | -0.9 | 2.2 | 0.1 |
| Other services ...... | 214.6 | 215.3 | 215.5 | 216.2 | 3.3 | 4.6 | 1.9 | 3.0 | 4.0 | 2.4 |
| Special indexes |  |  |  |  |  |  |  |  |  |  |
| All items less food | 159.6 | 159.7 | 160.0 | 160.3 | -0.3 | 2.0 | 1.3 | 1.8 | 0.9 | 1.5 |
| All items less shelter | 155.3 | 155.1 | 155.5 | 155.7 | -1.0 | 1.3 | 1.0 | 1.0 | 0.1 | 1.0 |
| All items less medical care | 156.1 | 156.1 | 156.6 | 156.8 | 0.0 | 1.8 | 1.3 | 1.8 | 0.9 | 1.5 |
| Commodities less food | 132.1 | 131.9 | 132.3 | 132.2 | -3.3 | -0.9 | 0.0 | 0.3 | -2.1 | 0.2 |
| Nondurables less food | 133.8 | 133.5 | 134.5 | 134.1 | -5.7 | -0.6 | -0.9 | 0.9 | -3.2 | 0.0 |
| Nondurables less food and apparel | 138.2 | 137.9 | 139.3 | 138.7 | -8.4 | -1.7 | -1.1 | 1.5 | -5.1 | 0.1 |
| Nondurables | 146.7 | 146.6 | 147.3 | 147.3 | -2.4 | 1.4 | 0.8 | 1.6 | -0.5 | 1.2 |
| Services less rent of shelter (3) | 171.2 | 171.3 | 171.3 | 171.6 | -0.7 | 4.1 | 1.2 | 0.9 | 1.7 | 1.1 |
| Services less medical care services | 176.0 | 176.3 | 176.4 | 177.0 | 0.9 | 3.7 | 2.3 | 2.3 | 2.3 | 2.3 |
| Energy | 100.7 | 99.3 | 100.3 | 100.2 | -23.0 | -4.9 | -6.8 | -2.0 | -14.4 | -4.4 |
| All items less energy | 168.3 | 168.6 | 168.9 | 169.2 | 2.2 | 2.7 | 2.2 | 2.2 | 2.4 | 2.2 |
| All items less food and energy | 170.4 | 170.7 | 171.0 | 171.3 | 2.4 | 2.6 | 2.1 | 2.1 | 2.5 | 2.1 |
| Commodities less food and energy |  |  |  |  |  |  |  |  |  |  |


| commodities | 143.2 | 143.3 | 143.4 | 143.4 | 1.1 | 0.8 | 1.4 | 0.6 | 1.0 | 1.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Energy commodities | 90.7 | 88.8 | 90.9 | 89.9 | -27.6 | -12.3 | -9.9 | -3.5 | -20.3 | -6.8 |
| Services less energy services | 188.6 | 189.1 | 189.5 | 190.0 | 3.3 | 3.5 | 2.4 | 3.0 | 3.4 | 2.7 |

1 Not seasonally adjusted
2 Indexes on a December $1997=100$ base.
3 Indexes on a December 1984=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

Table 6. Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W): Selected areas, all items index
(1982-84=100, unless otherwise noted)

All items

| CPI-W | Prici- <br> ng schedule (1) | Indexes |  |  |  | Percent change to Nov. 1998 from-- |  |  | Percent change to Oct. 1998 from-- |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Aug. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Sep. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Nov. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Nov. } \\ & 1997 \end{aligned}$ | $\begin{aligned} & \text { Sep. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 1997 \end{aligned}$ | Aug. $1998$ | $\begin{aligned} & \text { Sep. } \\ & 1998 \end{aligned}$ |
| U.S. city average | M | 160.0 | 160.2 | 160.6 | 160.7 | 1.4 | 0.3 | 0.1 | 1.3 | 0.4 | 0.2 |

Region and area size(2)

| Northeast urban | M | 167.1 | 167.4 | 168.1 | 168.2 | 1.5 | 0.5 | 0.1 | 1.4 | 0.6 | 0.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Size A - More than 1,500,000 | M | 167.1 | 167.5 | 168.1 | 168.2 | 1.6 | 0.4 | 0.1 | 1.6 | 0.6 | 0.4 |
| Size B/C 50,000 to 1,500,000 (3) | M | 101.7 | 101.8 | 102.2 | 102.2 | 1.1 | 0.4 | 0.0 | 1.0 | 0.5 | 0.4 |
| Midwest urban (4) | M | 155.6 | 156.0 | 156.2 | 156.2 | 1.4 | 0.1 | 0.0 | 1.4 | 0.4 | 0.1 |
| Size A - More than 1,500,000 | M | 156.4 | 156.7 | 156.7 | 156.7 | 1.9 | 0.0 | 0.0 | 1.8 | 0.2 | 0.0 |
| Size B/C - 50,000 to 1,500,000 (3) | M | 101.7 | 101.9 | 102.1 | 102.1 | 0.9 | 0.2 | 0.0 | 0.9 | 0.4 | 0.2 |
| ```Size D - Nonmetropolitan (less than 50,000)``` | M | 151.4 | 152.2 | 152.4 | 152.9 | 0.9 | 0.5 | 0.3 | 0.9 | 0.7 | 0.1 |
| South urban | M | 157.5 | 157.5 | 157.8 | 157.7 | 1.0 | 0.1 | -0.1 | 1.1 | 0.2 | 0.2 |
| Size A - More than 1,500,000 | M | 156.3 | 156.3 | 156.6 | 156.2 | 1.1 | -0.1 | -0.3 | 1.2 | 0.2 | 0.2 |
| Size B/C - 50,000 to 1,500,000 (3) | M | 102.1 | 102.1 | 102.4 | 102.4 | 0.7 | 0.3 | 0.0 | 0.9 | 0.3 | 0.3 |

# Size D - Nonmetropolitan (less than 

$$
50,000) \text {. . . . . . . . . . . . . . . . . . . . . . . . . . . . . M }
$$

$\qquad$



|  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 160.7 | 160.9 | 161.5 | 161.8 | 1.6 | 0.6 | 0.2 | 1.4 | 0.5 | 0.4 |  |
| 159.7 | 160.0 | 160.5 | 160.7 | 1.9 | 0.4 | 0.1 | 1.6 | 0.5 | 0.3 |  |
| 102.3 | 102.5 | 102.8 | 103.3 | 1.0 | 0.8 | 0.5 | 0.7 | 0.5 | 0.3 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 146.4 | 146.6 | 147.0 | 147.0 | 1.7 | 0.3 | 0.0 | 1.6 | 0.4 | 0.3 |  |
| 101.9 | 102.0 | 102.4 | 102.4 | 0.9 | 0.4 | 0.0 | 0.9 | 0.5 | 0.4 |  |
| 158.3 | 158.7 | 158.9 | 159.1 | 1.4 | 0.3 | 0.1 | 1.4 | 0.4 | 0.1 |  |

Selected local areas(6)

| Chicago-Gary-Kenosha, IL-IN-WI | M | 159.6 | 159.6 | 160.0 | 159.9 | 1.7 | 0.2 | -0.1 | 2.0 | 0.3 | 0.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Los Angeles-Riverside-Orange County, CA | M | 156.1 | 156.1 | 156.8 | 157.0 | 1.4 | 0.6 | 0.1 | 0.9 | 0.4 | 0.4 |
| New York-Northern N.J.-Long Island, NY-NJ-CT-PA . . . . . . . . . . . . . . . . . | M | 169.7 | 169.9 | 170.5 | 170.5 | 1.5 | 0.4 | 0.0 | 1.4 | 0.5 | 0.4 |
| Boston-Brockton-Nashua, MA-NH-ME-CT | 1 | - | 169.9 | - | 171.5 | 2.2 | 0.9 | - | - | - | - |
| Cleveland-Akron, OH | 1 | - | 153.3 | - | 152.8 | 2.5 | -0.3 | - | - | - | - |
| Dallas-Fort Worth, TX | 1 | - | 154.3 | - | 153.8 | - | -0.3 | - | - | - | - |
| Washington-Baltimore, DC-MD-VA-WV (7) | 1 | - | 102.7 | - | 102.2 | 1.8 | -0.5 | - | - | - | - |
| Atlanta, GA | 2 | 159.1 | - | 159.2 | - | - | - | - | - | 0.1 | - |
| Detroit-Ann Arbor-Flint, MI | 2 | 155.1 | - | 155.7 | - | - | - | - | 2.2 | 0.4 | - |
| Houston-Galveston-Brazoria, TX | 2 | 146.1 | - | 146.9 | - | - | - | - | 0.4 | 0.5 | - |
| Miami-Fort Lauderdale, FL | 2 | 158.0 | - | 158.6 | - | - | - | - | - | 0.4 | - |
| Philadelphia-Wilmington-Atlantic City, |  |  |  |  |  |  |  |  |  |  |  |
| PA-NJ-DE-MD | 2 | 167.9 | - | 169.3 | - | - | - | - | 1.5 | 0.8 | - |
| San Francisco-Oakland-San Jose, CA | 2 | 162.7 | - | 163.4 | - | - | - | - | 2.4 | 0.4 | - |
| Seattle-Tacoma-Bremerton, WA | 2 | 163.8 | - | 164.9 | - | - | - | - | - | 0.7 | - |

[^3]7 Indexes on a November 1996=100 base.

- Data not available.

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


[^0]:    /1 Brent R. Moulton, Timothy J. LaFleur, and Karin E. Moses,

[^1]:    1 Not seasonally adjusted

[^2]:    1 Not seasonally adjusted.

[^3]:    1 Areas on pricing schedule 2 (see Table 10) will appear next month.
    2 Regions defined as the four Census regions. See map in technical notes.
    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.

