

News

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Department
of Labor



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CONSUMER PRICE INDEX: OCTOBER 2002

The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.2 percent in October, before seasonal adjustment, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. The October level of 181.3 (1982-84=100) was 2.0 percent higher than its level in October 2001.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) also rose 0.2 percent in October, prior to seasonal adjustment. The October level of 177.3 was 1.9 percent higher than the index in October 2001.

CPI for All Urban Consumers (CPI-U)

On a seasonally adjusted basis, the CPI-U rose 0.3 percent in October, following an increase of 0.2 percent in September. The index for food rose 0.1 percent in October. The index for food at home declined 0.1 percent, reflecting decreases in the indexes for fruits and vegetables and for meats, poultry, fish, and eggs. Energy costs advanced for the fourth consecutive month--up 1.9 percent in October--and accounted for about half of the overall October advance. Within energy, the index for petroleum-based energy rose 3.3 percent and the index for energy services increased 0.4 percent. Excluding food and energy, the CPI-U rose 0.2 percent after increasing 0.1 percent in September. Larger increases in the indexes for shelter, for medical care, and for recreation more than offset a sharp drop in cigarette prices.

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

Expenditure Category	Seasonally adjusted							Compound annual rate 3-mos. ended Oct. '02	Un- adjusted 12-mos. ended Oct. '02
	Changes from preceding month								
	2002								
	Apr.	May	June	July	Aug.	Sep.	Oct.		
All Items	.5	.0	.1	.1	.3	.2	.3	3.1	2.0
Food and beverages	.1	-.2	.1	.2	-.1	.2	.1	.9	1.0
Housing	.3	.3	.1	.1	.3	.1	.3	2.9	2.7
Apparel	-.6	-.6	-.9	-1.0	1.1	.1	.0	4.7	-2.1
Transportation	1.7	-.4	.1	.3	.4	.3	.6	5.1	1.7
Medical care	.5	.5	.2	.7	.2	.3	.6	4.7	4.8
Recreation	.3	-.1	-.3	.1	.1	.0	.3	1.5	1.0
Education and communication	-.2	.6	.3	.7	.7	-.2	.0	2.2	2.1
Other goods and services	1.5	-.5	1.0	.0	.5	.4	-.5	1.2	3.4
Special Indexes									
Energy	4.5	-.7	.0	.4	.6	.7	1.9	13.4	3.0
Food	.1	-.2	.0	.2	-.1	.2	.1	.9	.9
All Items less food and energy	.3	.2	.1	.2	.3	.1	.2	2.3	2.2

See page 3 and table 7 for the release of the Chained Consumer Price Index for All Urban Consumers (C-CPI-U), a new supplemental index of consumer price change.

During the first 10 months of 2002, the CPI-U rose at a 2.7 percent seasonally adjusted annual rate (SAAR). This compares with an increase of 1.6 percent for all of 2001. The index for energy, which declined 13.0 percent in 2001, increased at a 14.2 percent SAAR in the first 10 months of 2002. Petroleum-based energy costs increased at a 31.8 percent annual rate and charges for energy services rose at a 0.3 percent annual rate. The food index has increased at a 1.2 percent SAAR thus far this year, following a 2.8 percent rise for all of 2001. Excluding food and energy, the CPI-U advanced at a 2.1 percent SAAR in the first 10 months, following a 2.7 percent rise in all of 2001.

The food and beverages index increased 0.1 percent in October. The index for food at home declined 0.1 percent in October, following a 0.3 percent increase in September. Decreases in the indexes for fruits and vegetables and for meats, poultry, fish, and eggs--down 0.9 and 0.4 percent, respectively--more than offset increases in the other major food at home groups. Within the fruits and vegetables group, the index for fresh vegetables declined 1.8 percent, the index for fresh fruits fell 0.2 percent, and the index for processed fruits and vegetables decreased 0.4 percent. Each of the main groups within the index for meats, poultry, fish, and eggs declined in October. The index for meats decreased 0.2 percent, reflecting a drop in prices for lamb and mutton; the indexes for pork and for beef were unchanged and rose 0.1 percent, respectively. The indexes for cereal and bakery products and for other food at home rose 0.4 and 0.3 percent, respectively. The other two major food at home groups--dairy products and nonalcoholic beverages--each increased 0.1 percent. The small advance in the index for dairy products was its first increase in five months, while the index for nonalcoholic beverages had registered a 2.2 percent increase in September. The other two components of the food and beverages index, food away from home and alcoholic beverages, increased 0.2 and 0.4 percent, respectively.

The index for housing rose 0.3 percent in October, following a 0.1 percent rise in September. Shelter costs, which increased 0.1 percent in September, advanced 0.2 percent in October. Within shelter, the indexes for rent and owners' equivalent rent each increased 0.3 percent, while the index for lodging away from home was unchanged. (Prior to seasonal adjustment, the index for lodging away from home declined 0.5 percent.) The index for fuels and utilities rose 0.4 percent in October, the same as in September. The index for fuel oil increased 1.9 percent in October, and prices for fuel oil have risen 8.6 percent in the first 10 months of 2002. In October, the index for natural gas rose 2.9 percent, while the index for electricity declined 0.5 percent. (Prior to seasonal adjustment, fuel oil prices rose 4.3 percent and charges for natural gas rose 3.0 percent, while charges for electricity fell 4.7 percent.) The index for household furnishings and operations rose 0.3 percent in October.

The transportation index rose 0.6 percent in October. The index for gasoline increased for the fifth consecutive month--up 3.8 percent in October. Gasoline prices have risen 29.9 percent thus far this year, but remain 15.1 percent below their peak level in May 2001. The index for new vehicles increased 0.4 percent in October, following a 0.5 percent rise in September. During the last 12 months, however, new vehicle prices have declined 1.1 percent. (As of October, about 35 percent of the new vehicle sample was represented by 2003 models. The 2003 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 2003 vehicles represented in the Producer Price Index sample, see news release USDL-02-634, dated November 15, 2002.) The index for used cars and trucks declined 1.6 percent in October to a level 4.5 percent lower than in October 2001. Airline fares declined for the second consecutive month--down 2.4 percent in October--and are 5.1 percent lower than a year ago.

The index for apparel was unchanged in October, following a 0.1 percent increase in September. (Prior to seasonal adjustment, apparel prices rose 1.8 percent, reflecting price increases associated with the continued introduction of fall-winter wear.)

The medical care index rose 0.6 percent in October to a level 4.8 percent above its level a year ago. The index for medical care commodities--prescription drugs, nonprescription drugs, and medical supplies--increased 0.3 percent. The index for medical care services rose 0.7 percent in October. Charges for professional services rose 0.6 percent and those for hospital and related services increased 0.9 percent.

The index for recreation, which was unchanged in September, rose 0.3 percent in October. Increases in the indexes for admissions to movies, theaters, concerts, and sporting events and for cable television--up 1.4 and 1.0 percent, respectively--more than offset declines in the indexes for pets and pet products, for photography, and for toys.

The index for education and communication, which declined 0.2 percent in September, was unchanged in October. The education index rose 0.3 percent, reflecting a 0.5 percent increase in the index for college tuition and

fees. The index for communication costs declined 0.3 percent, reflecting decreases in the indexes for telephone services and for personal computers and peripheral equipment--down 0.2 and 1.9 percent, respectively.

The index for other goods and services fell 0.5 percent in October, largely as a result of a 3.1 percent decline in the index for tobacco and smoking products. Prices for cigarettes decreased 3.3 percent, reflecting increased discounting of some major brands.

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 0.2 percent in October.

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

Expenditure Category	Seasonally adjusted							Compound annual rate 3-mos. ended Oct. '02	Un- adjusted 12-mos. ended Oct. '02
	Changes from preceding month								
	2002								
	Apr.	May	June	July	Aug.	Sep.	Oct.		
All Items	.6	-.1	.1	.2	.3	.2	.2	2.8	1.9
Food and beverages	.0	-.2	.1	.1	-.1	.2	.1	.9	.9
Housing	.2	.3	.1	.2	.2	.2	.3	2.8	2.6
Apparel	-.2	-.8	-.9	-1.0	1.1	.1	-.2	4.0	-2.2
Transportation	1.9	-.6	.2	.4	.5	.3	.5	4.8	1.7
Medical care	.4	.5	.1	.8	.2	.3	.7	4.9	4.9
Recreation	.3	-.2	-.3	.1	.0	.0	.3	1.2	.8
Education and communication	-.4	.7	.3	.7	.7	-.2	.0	2.2	1.8
Other goods and services	2.2	-.9	1.5	.0	.8	.6	-.9	1.9	4.3
Special Indexes									
Energy	5.0	-1.3	.2	.4	.7	.7	1.9	14.2	3.3
Food	-.1	-.2	.1	.2	-.1	.2	.1	.7	.8
All Items less food and energy	.3	.1	.1	.2	.3	.2	.1	2.2	2.0

Chained Consumer Price Index for All Urban Consumers (C-CPI-U)

The C-CPI-U rose 0.2 percent in October on a not seasonally adjusted basis. The October level of 106.2 (December 1999=100) was 1.7 percent higher than the index in October 2001. Table 7 contains the most recent indexes for all items and the component series that are published. Data will be published monthly in the CPI Detailed Report and are available on the CPI home page: <http://www.bls.gov/cpi/>. Please note that the indexes for the post-2000 period are subject to revision.

Consumer Price Index data for November are scheduled for release on Tuesday, December 17, 2002, at 8:30 A.M. (EST).

NOTE ON A NEW, SUPPLEMENTAL INDEX OF CONSUMER PRICE CHANGE

The Bureau of Labor Statistics began publishing a consumer price index (CPI) called the Chained Consumer Price Index for All Urban Consumers, effective with release of July data on August 16, 2002. Designated the **C-CPI-U**, the index supplements the existing indexes already produced by the BLS: the CPI for All Urban Consumers (CPI-U) and the CPI for Urban Wage Earners and Clerical Workers (CPI-W).

The **C-CPI-U** employs a Tornqvist formula and utilizes expenditure data in adjacent time periods in order to reflect the effect of any substitution that consumers make *across* item categories in response to changes in relative prices. The new measure, said to be a “superlative” index, is designed to be a closer approximation to a “cost-of-living” index than the CPI-U and CPI-W. The use of expenditure data for both a base period and the current period in order to average price change *across* item categories distinguishes the **C-CPI-U** from the other CPI measures, which use only a single expenditure base period to compute the price change over time. In 1999, the BLS introduced a geometric mean estimator for averaging prices *within* most of the index’s item categories in order to approximate the effect of consumers’ responses to changes in relative prices *within* these item categories. The geometric mean estimator is used in the **C-CPI-U** in the same item categories in which it is now used in the CPI-U and CPI-W. (See Monthly Labor Review, October 1998, pp. 3-7.)

Expenditure data required for the calculation of the **C-CPI-U** are available only with a time lag. Thus, the **C-CPI-U** is being issued first in preliminary form using the latest available expenditure data at this time and will be subject to two subsequent revisions. Accordingly, with release of the July data, “final” values of the **C-CPI-U** have been issued for the 12 months of 2000, “interim” values have been issued for the 12 months of 2001, and “initial” values have been issued for January-July of 2002. In February 2003, with release of the January 2003 index, revised interim indexes for the 12 months of 2002 will be published, and the index values for 2001 will be revised and will become final. Then, in February 2004, when the monthly expenditure data from calendar year 2002 become available, **C-CPI-U** indexes for the 12 months of 2002 will be issued in final form and values for the 12 months of 2003 will be revised and issued as interim. The **C-CPI-U** index revisions are expected to be small, but in principle each monthly index could be revised from its previously published level.

Facilities for Sensory Impaired

Information from this release will be made available to sensory impaired individuals upon request. Voice phone: 202-691-5200, Federal Relay Services: 1-800-877-8339. For a recorded message of Summary CPI data, call (202) 691-5200.

Brief Explanation of the CPI

The Consumer Price Index (CPI) is a measure of the average change in prices over time of goods and services purchased by households. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) the CPI for Urban Wage Earners and Clerical Workers (CPI-W), which covers households of wage earners and clerical workers that comprise approximately 32 percent of the total population and (2) the CPI for All Urban Consumers (CPI-U) and the Chained CPI for All Urban Consumers (C-CPI-U), which cover approximately 87 percent of the total population and include in addition to wage earners and clerical worker households, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPIs are based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and other goods and services that people buy for day-to-day living. Prices are collected in 87 urban areas across the country from about 50,000 housing units and approximately 23,000 retail establishments—department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index. Prices of fuels and a few other items are obtained every month in all 87 locations. Prices of most other commodities and services are collected every month in the three largest geographic areas and every other month in other areas. Prices of most goods and services are obtained by personal visits or telephone calls of the Bureau's trained representatives.

In calculating the index, price changes for the various items in each location are averaged together with weights, which represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. For the CPI-U and CPI-W separate indexes are also published by size of city, by region of the country, for cross-classifications of regions and population-size classes, and for 26 local areas. Area indexes do not measure differences in the level of prices among cities; they only measure the average change in prices for each area since the base period. For the C-CPI-U data are issued only at the national level. It is important to note that the CPI-U and CPI-W are considered final when released, but the C-CPI-U is issued in preliminary form and subject to two annual revisions.

The index measures price change from a designed reference date. For the CPI-U and the CPI-W the reference base is 1982-84 equals 100.0. The reference base for the C-CPI-U is December 1999 equals 100. An increase of 16.5 percent from the reference base, for example, is shown as 116.5. This change can also be expressed in dollars as follows: the price of a base period market basket of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65.

For further details visit the CPI home page on the Internet at <http://www.bls.gov/cpi/> or contact our CPI Information and Analysis Section on (202) 691-7000.

Calculating Index Changes

Movements of the indexes from one month to another are usually expressed as percent changes rather than changes in index points, because index point changes are affected by the level of the index in relation to its base period while percent changes are not. The example below illustrates the computation of index point and percent changes.

Percent changes for 3-month and 6-month periods are expressed as annual rates and are computed according to the standard formula for compound growth rates. These data indicate what the percent change would be if the current rate were maintained for a 12-month period.

Index Point Change

CPI	115.7
Less previous index	111.2
Equals index point change	4.5

Percent Change

Index point difference	4.5
Divided by the previous index	111.2
Equals	0.040
Results multiplied by one hundred	0.040x100
Equals percent change	4.0

Regions Defined

The states in the four regions shown in Tables 3 and 6 are listed below.

The Northeast--Connecticut, Maine, Massachusetts, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, and Vermont.

The Midwest--Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

The South--Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia, and the District of Columbia.

The West--Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

A Note on Seasonally Adjusted and Unadjusted Data

Because price data are used for different purposes by different groups, the Bureau of Labor Statistics publishes seasonally adjusted as well as unadjusted changes each month.

For analyzing general price trends in the economy, seasonally adjusted changes are usually preferred since they eliminate the effect of changes that normally occur at the same time and in about the same magnitude every year--such as price movements resulting from changing climatic conditions, production cycles, model changeovers, holidays, and sales.

The unadjusted data are of primary interest to consumers concerned about the prices they actually pay. Unadjusted data also are used extensively for escalation purposes. Many collective bargaining contract agreements and pension plans, for example, tie compensation changes to the Consumer Price Index unadjusted for seasonal variation.

Seasonal factors used in computing the seasonally adjusted indexes are derived by the X-12-ARIMA Seasonal Adjustment Method. The updated seasonal data at the end of 1977 replaced data from 1967 through 1977. Subsequent annual updates have replaced 5 years of seasonal data; e.g., data from 1997 through 2001 were replaced at the end of 2001. In January 2002, dependently seasonally adjusted series were revised for January 1987-December 2001 as a result of a change in the aggregation weights for dependently adjusted series. For further information, please see "Aggregation of Dependently Adjusted Seasonally Adjusted Series," in the October 2001 issue of the CPI Detailed Report.

The seasonal movement of all items and 54 other aggregations is derived by combining the seasonal movement of 73 selected components. Each year the seasonal status of every series is reevaluated based upon certain statistical criteria. If any of the 73 components change their seasonal adjustment status from seasonally adjusted to not seasonally adjusted, not seasonally adjusted data will be used for the last 5 years, but the seasonally adjusted indexes will be used before that period. Note: 39 of the 73 components are seasonally adjusted for 2002.

Seasonally adjusted data, including the All items index levels, are subject to revision for up to five years after their original release. For this reason, BLS advises against the use of these data in escalation agreements.

Effective with the calculation of the seasonal factors for 1990, the Bureau of Labor Statistics has used an enhanced seasonal adjustment procedure called Intervention Analysis Seasonal Adjustment for some CPI series. Intervention Analysis Seasonal Adjustment allows for better estimates of seasonally adjusted data. Extreme values and/or sharp movements which might distort the seasonal pattern are estimated and removed from the data prior to calculation of seasonal factors. Beginning with the calculation of seasonal factors for 1996, X-12-ARIMA software was used for Intervention Analysis Seasonal Adjustment.

For the fuel oil, natural gas, motor fuels, and educational books and supplies indexes, this procedure was used to offset the effects that extreme price volatility would otherwise have had on the estimates of seasonally adjusted data for those series. For the Nonalcoholic beverages index, the procedure was used to offset the effects of a large increase in coffee prices due to adverse weather. The procedure was used to account for unusual butter fat supply reductions and decreases in milk supply affecting the Fats and oils series. For the Water and sewerage maintenance index, the procedure was used to account for a data collection anomaly. It was used to offset an increase in summer demand in the Midwest and South for Electricity. For New vehicles, New cars, and New trucks, the procedure was used to offset the effects of a model changeover combined with financing incentives.

A description of Intervention Analysis Seasonal Adjustment, as well as a list of unusual events modeled and seasonal factors for these items may be obtained by writing the Bureau of Labor Statistics, Division of Consumer Prices and Price Indexes, Washington, DC 20212 or by calling Daniel Chow on (202) 691-6968 or sending e-mail to Chow_Dan@BLS.GOV. If you have general questions about the CPI, please call our information staff at (202) 691-7000.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category and commodity and service group

(1982-84=100, unless otherwise noted)

CPI-U Expenditure category	Relative importance, December 2001	Unadjusted indexes		Unadjusted percent change to Oct. 2002 from—		Seasonally adjusted percent change from—		
		Sep. 2002	Oct. 2002	Oct. 2001	Sep. 2002	July to Aug.	Aug. to Sep.	Sep. to Oct.
All items	100.000	181.0	181.3	2.0	0.2	0.3	0.2	0.3
All items (1967=100)	-	542.1	543.2	-	-	-	-	-
Food and beverages	15.719	176.9	177.1	1.0	.1	-.1	.2	.1
Food	14.688	176.4	176.5	.9	.1	-.1	.2	.1
Food at home	8.468	175.2	175.1	-.1	-.1	-.3	.3	-.1
Cereals and bakery products	1.298	198.4	198.9	1.9	.3	-.1	.4	.4
Meats, poultry, fish, and eggs	2.271	161.8	161.3	-1.3	-.3	-.4	-.2	-.4
Dairy and related products ¹ .....	.916	166.3	166.5	-2.5	.1	-.2	-.5	.1
Fruits and vegetables	1.204	218.4	217.4	1.8	-.5	.2	.0	-.9
Nonalcoholic beverages and beverage materials .....	.967	140.2	140.5	.4	.2	-.6	2.2	.1
Other food at home	1.811	160.8	160.9	.0	.1	-.4	.5	.3
Sugar and sweets .....	.315	159.6	159.9	2.2	.2	-.3	-.3	.4
Fats and oils .....	.265	155.3	155.9	-2.3	.4	-.6	1.1	.1
Other foods	1.232	177.0	177.0	.0	.0	-.3	.6	.3
Other miscellaneous foods ^{1 2} .....	.289	109.7	109.8	.8	.1	-.7	.4	.1
Food away from home ¹	6.220	179.2	179.6	2.3	.2	.2	.2	.2
Other food away from home ^{1 2} .....	.383	118.8	119.1	3.2	.3	.3	.6	.3
Alcoholic beverages	1.031	183.9	184.7	2.2	.4	.3	-.2	.4
Housing	40.873	181.5	181.4	2.7	-.1	.3	.1	.3
Shelter	31.522	209.2	209.7	3.6	.2	.4	.1	.2
Rent of primary residence ³	6.421	200.7	201.3	3.4	.3	.2	.1	.3
Lodging away from home ^{2 3}	2.702	117.6	117.0	2.2	-.5	1.8	-.6	.0
Owners' equivalent rent of primary residence ^{3 4}	22.046	216.2	216.8	3.7	.3	.3	.2	.3
Tenants' and household insurance ^{1 2} .....	.353	110.0	110.0	2.9	.0	.9	.4	.0
Fuels and utilities	4.511	147.2	144.4	-.1	-1.9	.3	.4	.4
Fuels	3.654	131.0	127.9	-.9	-2.4	.5	.4	.5
Fuel oil and other fuels .....	.188	115.2	119.3	-1.8	3.6	1.8	1.2	1.7
Gas (piped) and electricity ³	3.466	138.7	134.9	-.7	-2.7	.4	.4	.4
Water and sewer and trash collection services ² .....	.857	113.6	113.9	3.0	.3	.3	.2	.4
Household furnishings and operations	4.840	128.1	128.0	-.8	-.1	-.3	-.2	.3
Household operations ^{1 2} .....	.820	119.7	119.7	2.6	.0	.2	.4	.0
Apparel	4.399	124.6	126.8	-2.1	1.8	1.1	.1	.0
Men's and boys' apparel	1.122	120.1	122.8	-3.7	2.2	-.4	.1	-.2
Women's and girls' apparel	1.807	118.0	120.5	-1.3	2.1	2.0	-.4	.3
Infants' and toddlers' apparel ¹ .....	.203	126.2	127.7	-2.9	1.2	1.1	1.5	1.2
Footwear .....	.874	121.6	123.0	-1.5	1.2	.9	.6	-.3
Transportation	17.055	154.0	154.9	1.7	.6	.4	.3	.6
Private transportation	15.845	150.0	151.1	2.0	.7	.3	.3	.7
New and used motor vehicles ²	8.614	98.7	98.9	-1.7	.2	.2	.1	-.2
New vehicles	5.083	138.7	139.5	-1.1	.6	-.1	.5	.4
Used cars and trucks	2.195	152.2	150.7	-4.5	-1.0	.5	-.8	-1.6
Motor fuel	2.564	121.7	124.5	7.1	2.3	.8	1.0	3.4
Gasoline (all types)	2.536	121.1	123.9	7.2	2.3	.5	1.0	3.8
Motor vehicle parts and equipment ¹ .....	.421	107.4	106.9	1.3	-.5	.3	-.3	-.5
Motor vehicle maintenance and repair	1.400	191.4	191.8	3.1	.2	.6	.0	.1
Public transportation	1.211	206.5	203.4	-2.7	-1.5	.8	-.9	-1.6
Medical care	5.810	287.7	289.2	4.8	.5	.2	.3	.6
Medical care commodities	1.377	257.9	258.3	3.2	.2	.2	.2	.3
Medical care services	4.434	295.2	297.1	5.4	.6	.2	.4	.7
Professional services ³	2.784	254.8	256.0	3.1	.5	.0	.0	.6
Hospital and related services ³	1.353	373.3	376.7	9.3	.9	.7	.7	.9

See footnotes at end of table.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category and commodity and service group-Continued

(1982-84=100, unless otherwise noted)

CPI-U Expenditure category	Relative importance, December 2001	Unadjusted indexes		Unadjusted percent change to Oct. 2002 from—		Seasonally adjusted percent change from—			
		Sep. 2002	Oct. 2002	Oct. 2001	Sep. 2002	July to Aug.	Aug. to Sep.	Sep. to Oct.	
Recreation ²	6.019	106.2	106.4	1.0	0.2	0.1	0.0	0.3	
Video and audio ²	1.645	102.3	102.6	1.3	.3	-.3	.3	.4	
Education and communication ²	5.813	109.5	109.4	2.1	-.1	.7	-.2	.0	
Education ²	2.726	129.6	129.9	6.3	.2	.6	.6	.3	
Educational books and supplies .....	.220	323.2	323.2	5.2	.0	.1	-.1	-.1
Tuition, other school fees, and childcare	2.506	372.8	373.8	6.3	.3	.7	.7	.4	
Communication ^{1 2}	3.087	92.5	92.2	-1.5	-.3	.6	-.8	-.3	
Information and information processing ^{1 2}	2.903	90.7	90.4	-2.3	-.3	.8	-.9	-.3	
Telephone services ^{1 2}	2.324	100.1	99.9	.0	-.2	1.1	-.5	-.2	
Information and information processing other than telephone services ^{1 5} .....	.580	17.8	17.7	-12.4	-.6	-.5	-.2.7	-.6
Personal computers and peripheral equipment ^{1 2} .....	.275	21.1	20.7	-21.6	-1.9	-1.3	-4.1	-1.9
Other goods and services	4.312	297.0	295.4	3.4	-.5	.5	.4	-.5	
Tobacco and smoking products ¹ .....	.928	485.8	470.6	9.5	-3.1	2.4	1.6	-3.1
Personal care ¹	3.384	174.9	175.3	1.7	.2	-.1	.0	.2	
Personal care products ¹ .....	.706	154.4	154.6	-.5	.1	-.2	.1	.1
Personal care services ¹ .....	.901	189.2	189.3	1.8	.1	.2	.1	.1
Miscellaneous personal services	1.562	275.2	276.0	3.3	.3	.0	-.1	.3	
Commodity and service group									
Commodities	41.300	150.2	150.7	.1	.3	.2	.2	.1	
Food and beverages	15.719	176.9	177.1	1.0	.1	-.1	.2	.1	
Commodities less food and beverages	25.582	134.8	135.5	-.4	.5	.3	.1	.2	
Nondurables less food and beverages	13.493	147.2	148.4	1.6	.8	1.2	-.6	.8	
Apparel	4.399	124.6	126.8	-2.1	1.8	1.1	.1	.0	
Nondurables less food, beverages, and apparel	9.094	165.2	166.0	3.5	.5	1.3	-1.0	1.3	
Durables	12.089	120.6	120.6	-2.4	.0	.0	-.2	-.2	
Services	58.700	211.5	211.7	3.4	.1	.4	.2	.3	
Rent of shelter ⁴	31.169	217.9	218.4	3.6	.2	.4	.1	.3	
Tenants' and household insurance ^{1 2} .....	.353	110.0	110.0	2.9	.0	.9	.4	.0
Gas (piped) and electricity ³	3.466	138.7	134.9	-.7	-2.7	.4	.4	.4	
Water and sewer and trash collection services ² .....	.857	113.6	113.9	3.0	.3	.3	.2	.4
Household operations ^{1 2} .....	.820	119.7	119.7	2.6	.0	.2	.4	.0
Transportation services	6.638	210.1	210.9	3.7	.4	.5	.1	.1	
Medical care services	4.434	295.2	297.1	5.4	.6	.2	.4	.7	
Other services	10.963	249.1	249.7	3.4	.2	.4	.1	.3	
Special indexes									
All items less food	85.312	181.8	182.2	2.2	.2	.4	.2	.3	
All items less shelter	68.478	171.9	172.2	1.4	.2	.2	.2	.2	
All items less medical care	94.190	175.3	175.6	1.9	.2	.3	.2	.2	
Commodities less food	26.612	136.7	137.3	-.4	.4	.3	.1	.2	
Nondurables less food	14.524	149.3	150.6	1.7	.9	1.1	-.6	.7	
Nondurables less food and apparel	10.125	166.1	166.9	3.3	.5	1.2	-.9	1.3	
Nondurables	29.212	162.2	163.0	1.4	.5	.6	-.2	.3	
Services less rent of shelter ⁴	27.531	220.0	219.9	3.2	.0	.5	.3	.4	
Services less medical care services	54.266	204.1	204.2	3.2	.0	.4	.2	.2	
Energy	6.218	126.1	125.8	3.0	-.2	.6	.7	1.9	
All items less energy	93.782	188.4	188.8	2.0	.2	.3	.1	.2	
All items less food and energy	79.094	191.3	191.8	2.2	.3	.3	.1	.2	
Commodities less food and energy commodities	23.860	143.6	143.9	-1.2	.2	.2	.0	-.1	
Energy commodities	2.752	122.0	124.8	6.8	2.3	.8	1.0	3.3	
Services less energy services	55.234	218.9	219.5	3.7	.3	.4	.1	.3	
Purchasing power of the consumer dollar (1982-84=\$1.00)	-	\$.553	\$.552	-	-	-	-	-	
Purchasing power of the consumer dollar (1967=\$1.00)	-	\$.184	\$.184	-	-	-	-	-	

¹ Not seasonally adjusted.

² Indexes on a December 1997=100 base.

³ This index series was calculated using a Laspeyres estimator. All other item stratum index series converted to a geometric means estimator in January, 1999.

⁴ Indexes on a December 1982=100 base.

⁵ 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)

Expenditure category	Seasonally adjusted indexes				Seasonally adjusted annual rate percent change for					
					3 months ended—			6 months ended—		
	July 2002	Aug. 2002	Sep. 2002	Oct. 2002	Jan. 2002	Apr. 2002	July 2002	Oct. 2002	Apr. 2002	Oct. 2002
All items	179.9	180.5	180.8	181.3	0.0	4.3	0.9	3.1	2.2	2.0
Food and beverages	176.7	176.6	177.0	177.1	1.1	1.8	.0	.9	1.5	.5
Food	176.1	176.0	176.4	176.5	1.1	1.8	-2	.9	1.5	.3
Food at home	175.3	174.8	175.4	175.2	.7	1.8	-2.2	-2	1.3	-1.2
Cereals and bakery products	197.7	197.6	198.4	199.1	3.3	2.3	-8	2.9	2.8	1.0
Meats, poultry, fish, and eggs	162.4	161.7	161.4	160.7	-1.7	2.0	-1.5	-4.1	.1	-2.8
Dairy and related products ¹	167.6	167.2	166.3	166.5	-2.1	-2.8	-2.6	-2.6	-2.4	-2.6
Fruits and vegetables	219.9	220.3	220.4	218.4	8.1	6.6	-4.1	-2.7	7.3	-3.4
Nonalcoholic beverages and beverage materials	138.5	137.6	140.6	140.7	-2.8	1.4	-3.1	6.5	-7	1.6
Other food at home	160.5	159.9	160.7	161.2	.0	.7	-2.5	1.8	.4	-4
Sugar and sweets	160.2	159.7	159.3	160.0	2.3	6.2	.8	-5	4.3	.1
Fats and oils	154.6	153.6	155.3	155.4	-3.2	-3.3	-4.5	2.1	-3.2	-1.3
Other foods	176.6	176.0	177.0	177.5	.5	.0	-2.7	2.1	.2	-3
Other miscellaneous foods ^{1 2}	110.1	109.3	109.7	109.8	.0	-3.3	8.0	-1.1	-1.6	3.4
Food away from home ¹	178.5	178.8	179.2	179.6	1.8	1.8	3.0	2.5	1.8	2.7
Other food away from home ^{1 2}	117.7	118.1	118.8	119.1	.3	4.9	2.8	4.8	2.6	3.8
Alcoholic beverages	183.7	184.2	183.9	184.7	2.2	2.4	1.8	2.2	2.3	2.0
Housing	180.3	180.9	181.1	181.6	2.7	3.0	1.8	2.9	2.8	2.4
Shelter	208.2	209.0	209.3	209.8	5.0	4.2	2.1	3.1	4.6	2.6
Rent of primary residence ³	200.0	200.4	200.7	201.3	4.4	3.5	3.1	2.6	3.9	2.8
Lodging away from home ^{2 3}	116.8	118.9	118.2	118.2	5.7	7.0	-7.5	4.9	6.3	-1.5
Owners' equivalent rent of primary residence ^{3 4}	215.1	215.7	216.2	216.8	4.7	4.0	3.0	3.2	4.4	3.1
Tenants' and household insurance ^{1 2}	108.6	109.6	110.0	110.0	-1.9	3.0	5.3	5.3	.6	5.3
Fuels and utilities	143.2	143.7	144.3	144.9	-5.9	-1.9	2.3	4.8	-4.0	3.5
Fuels	126.8	127.4	127.9	128.5	-7.8	-3.4	2.6	5.5	-5.6	4.0
Fuel oil and other fuels	115.5	117.6	119.0	121.0	-38.1	13.8	9.5	20.5	-16.0	14.9
Gas (piped) and electricity ³	133.9	134.4	134.9	135.5	-5.2	-4.4	2.1	4.9	-4.8	3.5
Water and sewer and trash collection services ²	113.0	113.3	113.5	113.9	4.0	3.3	1.4	3.2	3.6	2.3
Household furnishings and operations	128.5	128.1	127.8	128.2	-1.2	-.9	.0	-.9	-1.1	-.5
Household operations ^{1 2}	119.0	119.2	119.7	119.7	3.8	2.1	2.0	2.4	2.9	2.2
Apparel	122.4	123.7	123.8	123.8	-7.7	4.6	-9.2	4.7	-1.7	-2.5
Men's and boys' apparel	121.1	120.6	120.7	120.4	-5.9	3.0	-9.0	-2.3	-1.6	-5.7
Women's and girls' apparel	114.0	116.3	115.8	116.1	-7.6	5.7	-9.6	7.6	-1.2	-1.4
Infants' and toddlers' apparel ¹	122.9	124.3	126.2	127.7	-18.4	13.1	-17.4	16.6	-3.9	-1.9
Footwear	119.8	120.9	121.6	121.2	-11.8	11.2	-8.5	4.8	-1.0	-2.1
Transportation	153.3	153.9	154.3	155.2	-8.4	11.5	.0	5.1	1.1	2.5
Private transportation	149.3	149.8	150.3	151.4	-9.1	12.4	.3	5.7	1.1	3.0
New and used motor vehicles ²	99.0	99.2	99.3	99.1	-.8	-5.5	-.8	.4	-3.1	-.2
New vehicles	139.3	139.2	139.9	140.4	.0	-5.5	-1.4	3.2	-2.8	.9
Used cars and trucks	152.9	153.7	152.4	149.9	-3.3	-8.0	1.3	-7.6	-5.7	-3.3
Motor fuel	118.8	119.7	120.9	125.0	-43.9	101.1	-5.2	22.6	6.3	7.8
Gasoline (all types)	118.4	119.0	120.2	124.8	-43.5	96.7	-3.6	23.4	5.4	9.1
Motor vehicle parts and equipment ¹	107.4	107.7	107.4	106.9	2.7	2.3	2.3	-1.8	2.5	.2
Motor vehicle maintenance and repair	190.0	191.2	191.2	191.4	3.3	4.6	1.7	3.0	3.9	2.3
Public transportation	206.6	208.2	206.3	203.1	.0	-3.2	-1.2	-6.6	-1.6	-3.9
Medical care	286.5	287.1	288.0	289.8	5.0	4.4	5.5	4.7	4.7	5.1
Medical care commodities	257.0	257.5	257.9	258.8	3.6	2.9	3.8	2.8	3.2	3.3
Medical care services	293.8	294.4	295.5	297.7	5.3	4.8	5.9	5.4	5.1	5.7
Professional services ³	254.8	254.9	255.0	256.5	3.3	1.4	4.9	2.7	2.3	3.8
Hospital and related services ³	368.0	370.6	373.3	376.7	9.0	11.8	6.3	9.8	10.4	8.0

See footnotes at end of table.

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-Continued

(1982-84=100, unless otherwise noted)

CPI-U	Seasonally adjusted indexes				Seasonally adjusted annual rate percent change for					
					3 months ended—			6 months ended—		
	July 2002	Aug. 2002	Sep. 2002	Oct. 2002	Jan. 2002	Apr. 2002	July 2002	Oct. 2002	Apr. 2002	Oct. 2002
Expenditure category										
Recreation ²	106.1	106.2	106.2	106.5	1.5	2.3	-1.1	1.5	1.9	0.2
Video and audio ^{1 2}	102.5	102.2	102.5	102.9	2.4	2.0	-8	1.6	2.2	.4
Education and communication ²	108.2	109.0	108.8	108.8	1.9	-1.9	6.5	2.2	.0	4.4
Education ²	126.4	127.2	128.0	128.4	4.7	6.4	7.6	6.5	5.5	7.0
Educational books and supplies	320.9	321.2	320.9	320.6	-4.8	19.6	7.7	-4	6.7	3.6
Tuition, other school fees, and childcare	363.1	365.6	368.0	369.4	5.6	5.2	7.5	7.1	5.4	7.3
Communication ^{1 2}	92.6	93.2	92.5	92.2	-9	-9.1	6.3	-1.7	-5.1	2.2
Information and information processing ^{1 2}	90.8	91.5	90.7	90.4	-1.3	-9.2	3.6	-1.8	-5.3	.9
Telephone services ^{1 2}	99.5	100.6	100.1	99.9	1.6	-8.1	5.4	1.6	-3.4	3.5
Information and information processing other than telephone services ^{1 5}	18.4	18.3	17.8	17.7	-14.9	-15.5	-4.2	-14.4	-15.2	-9.4
Personal computers and peripheral equipment ^{1 2}	22.3	22.0	21.1	20.7	-24.6	-24.9	-10.1	-25.8	-24.8	-18.3
Other goods and services	294.5	295.9	297.0	295.4	2.3	8.2	2.2	1.2	5.2	1.7
Tobacco and smoking products ¹	467.2	478.2	485.8	470.6	2.7	29.2	5.1	2.9	15.2	4.0
Personal care ¹	175.0	174.9	174.9	175.3	2.1	2.8	1.4	.7	2.5	1.0
Personal care products ¹	154.6	154.3	154.4	154.6	-5	.5	-2.0	.0	.0	-1.0
Personal care services ¹	188.7	189.1	189.2	189.3	.9	3.5	1.7	1.3	2.2	1.5
Miscellaneous personal services	275.4	275.4	275.2	276.0	5.3	3.4	3.6	.9	4.4	2.2
Commodity and service group										
Commodities	149.7	150.0	150.3	150.5	-5.2	5.8	-1.8	2.2	.1	.1
Food and beverages	176.7	176.6	177.0	177.1	1.1	1.8	.0	.9	1.5	.5
Commodities less food and beverages	134.2	134.6	134.8	135.1	-9.1	8.4	-2.9	2.7	-7	-1
Nondurables less food and beverages	145.1	146.8	145.9	147.1	-12.4	20.2	-4.0	5.6	2.6	.7
Apparel	122.4	123.7	123.8	123.8	-7.7	4.6	-9.2	4.7	-1.7	-2.5
Nondurables less food, beverages, and apparel	163.1	165.2	163.6	165.7	-13.9	27.0	-1.5	6.5	4.5	2.5
Durables	121.3	121.3	121.1	120.9	-2.2	-5.1	-1.0	-1.3	-3.7	-1.1
Services	210.0	210.8	211.2	211.8	4.0	3.1	3.1	3.5	3.5	3.3
Rent of shelter ⁴	216.8	217.6	217.9	218.6	5.0	4.6	1.7	3.4	4.8	2.5
Tenants' and household insurance ^{1 2}	108.6	109.6	110.0	110.0	-1.9	3.0	5.3	5.3	.6	5.3
Gas (piped) and electricity ³	133.9	134.4	134.9	135.5	-5.2	-4.4	2.1	4.9	-4.8	3.5
Water and sewer and trash collection services ²	113.0	113.3	113.5	113.9	4.0	3.3	1.4	3.2	3.6	2.3
Household operations ^{1 2}	119.0	119.2	119.7	119.7	3.8	2.1	2.0	2.4	2.9	2.2
Transportation services	209.3	210.3	210.6	210.8	4.6	3.5	3.7	2.9	4.1	3.3
Medical care services	293.8	294.4	295.5	297.7	5.3	4.8	5.9	5.4	5.1	5.7
Other services	247.0	248.1	248.4	249.1	3.5	1.8	5.0	3.4	2.7	4.2
Special indexes										
All items less food	180.6	181.3	181.6	182.1	-2	4.8	1.1	3.4	2.3	2.2
All items less shelter	170.9	171.3	171.7	172.1	-2.1	4.1	.7	2.8	.9	1.8
All items less medical care	174.3	174.9	175.2	175.6	-2	4.2	.7	3.0	2.0	1.8
Commodities less food	136.1	136.5	136.7	137.0	-8.7	8.0	-2.6	2.7	-7	.0
Nondurables less food	147.5	149.1	148.2	149.3	-11.2	18.9	-3.4	5.0	2.7	.7
Nondurables less food and apparel	164.2	166.1	164.6	166.7	-12.7	24.0	-.7	6.2	4.0	2.7
Nondurables	161.1	162.0	161.6	162.1	-5.4	10.8	-2.0	2.5	2.4	.2
Services less rent of shelter ⁴	217.7	218.7	219.3	220.1	1.7	2.6	4.1	4.5	2.2	4.3
Services less medical care services	202.5	203.4	203.9	204.4	2.9	4.1	2.2	3.8	3.5	3.0
Energy	122.5	123.2	124.1	126.4	-25.0	34.1	-1.3	13.4	.3	5.8
All items less energy	187.6	188.2	188.4	188.7	2.4	2.4	1.1	2.4	2.4	1.7
All items less food and energy	190.5	191.1	191.3	191.6	2.6	2.6	1.5	2.3	2.6	1.9
Commodities less food and energy commodities	143.4	143.7	143.7	143.5	-2.2	-.3	-2.2	.3	-1.2	-1.0
Energy commodities	119.2	120.2	121.4	125.4	-42.8	94.7	-4.6	22.5	5.5	8.1
Services less energy services	217.7	218.6	218.9	219.6	4.6	3.8	3.0	3.5	4.2	3.3

¹ Not seasonally adjusted.

² Indexes on a December 1997=100 base.

³ This index series was calculated using a Laspeyres estimator. All other item stratum index series converted to a geometric means estimator in

January, 1999.

⁴ Indexes on a December 1982=100 base.

⁵ Indexes on a December 1988=100 base.

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)

CPI-U	Pricing schedule 1	All items										
		Indexes				Percent change to Oct.2002 from—			Percent change to Sep.2002 from—			
		July 2002	Aug. 2002	Sep. 2002	Oct. 2002	Oct. 2001	Aug. 2002	Sep. 2002	Sep. 2001	July 2002	Aug. 2002	
U.S. city average	M	180.1	180.7	181.0	181.3	2.0	0.3	0.2	1.5	0.5	0.2	
Region and area size²												
Northeast urban	M	188.3	189.3	189.5	189.9	2.6	.3	.2	2.4	.6	.1	
Size A - More than 1,500,000	M	190.1	191.3	191.2	191.5	2.8	.1	.2	2.5	.6	-.1	
Size B/C - 50,000 to 1,500,000 ³	M	111.8	112.0	112.6	113.0	2.2	.9	.4	2.0	.7	.5	
Midwest urban	M	175.3	175.8	176.2	176.3	2.1	.3	.1	.9	.5	.2	
Size A - More than 1,500,000	M	177.5	178.2	178.8	178.7	2.4	.3	-.1	1.5	.7	.3	
Size B/C - 50,000 to 1,500,000 ³	M	111.3	111.4	111.5	111.9	1.7	.4	.4	-.1	.2	.1	
Size D - Nonmetropolitan (less than 50,000)	M	169.4	169.7	170.0	170.2	2.0	.3	.1	.7	.4	.2	
South urban	M	173.6	173.8	174.2	174.9	1.9	.6	.4	1.2	.3	.2	
Size A - More than 1,500,000	M	174.8	175.4	175.7	176.5	2.0	.6	.5	1.4	.5	.2	
Size B/C - 50,000 to 1,500,000 ³	M	111.0	110.9	111.2	111.6	1.7	.6	.4	.9	.2	.3	
Size D - Nonmetropolitan (less than 50,000)	M	172.2	172.7	172.6	172.9	1.8	.1	.2	1.7	.2	-.1	
West urban	M	184.7	185.3	185.7	185.8	1.8	.3	.1	1.8	.5	.2	
Size A - More than 1,500,000	M	187.4	187.9	188.2	188.4	2.1	.3	.1	1.9	.4	.2	
Size B/C - 50,000 to 1,500,000 ³	M	112.5	113.0	113.1	113.3	1.1	.3	.2	1.3	.5	.1	
Size classes												
A ⁴	M	164.6	165.3	165.5	165.8	2.3	.3	.2	1.8	.5	.1	
B/C ³	M	111.4	111.5	111.8	112.1	1.6	.5	.3	.9	.4	.3	
D	M	173.3	173.9	174.3	174.3	1.6	.2	.0	1.3	.6	.2	
Selected local areas⁵												
Chicago-Gary-Kenosha, IL-IN-WI	M	181.2	181.6	182.1	182.8	2.6	.7	.4	1.3	.5	.3	
Los Angeles-Riverside-Orange County, CA ..	M	182.2	183.0	183.4	183.7	3.0	.4	.2	2.6	.7	.2	
New York-Northern N.J.-Long Island, NY-NJ-CT-PA	M	192.0	193.1	193.3	193.7	3.1	.3	.2	2.8	.7	.1	
Boston-Brockton-Nashua, MA-NH-ME-CT	1	195.7	-	199.1	-	-	-	-	3.3	1.7	-	
Cleveland-Akron, OH	1	173.4	-	174.6	-	-	-	-	.0	.7	-	
Dallas-Fort Worth, TX	1	172.9	-	173.2	-	-	-	-	.2	.2	-	
Washington-Baltimore, DC-MD-VA-WV ⁶	1	113.4	-	114.0	-	-	-	-	2.1	.5	-	
Atlanta, GA	2	-	179.7	-	179.4	1.5	-.2	-	-	-	-	
Detroit-Ann Arbor-Flint, MI	2	-	180.9	-	180.4	3.2	-.3	-	-	-	-	
Houston-Galveston-Brazoria, TX	2	-	160.1	-	162.6	2.0	1.6	-	-	-	-	
Miami-Fort Lauderdale, FL	2	-	175.2	-	177.0	1.6	1.0	-	-	-	-	
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD	2	-	188.3	-	185.8	1.6	-1.3	-	-	-	-	
San Francisco-Oakland-San Jose, CA	2	-	193.5	-	194.3	1.4	.4	-	-	-	-	
Seattle-Tacoma-Bremerton, WA	2	-	190.3	-	190.9	1.6	.3	-	-	-	-	

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. See technical notes.

³ Indexes on a December 1996=100 base.

⁴ Indexes on a December 1986=100 base.

⁵ 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; Phoenix-Mesa, AZ; Pittsburgh, PA; Portland-Salem, OR-WA; St. Louis, MO-IL; San Diego, CA;

Tampa-St. Petersburg-Clearwater, FL.

⁶ Indexes on a November 1996=100 base.

- Data not available.

NOTE: Local area indexes are byproducts of the national CPI program. Each local index has a smaller sample size than the national index 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.

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)

CPI-W Expenditure category	Relative importance, December 2001	Unadjusted indexes		Unadjusted percent change to Oct. 2002 from—		Seasonally adjusted percent change from—		
		Sep. 2002	Oct. 2002	Oct. 2001	Sep. 2002	July to Aug.	Aug. to Sep.	Sep. to Oct.
All items	100.000	177.0	177.3	1.9	0.2	0.3	0.2	0.2
All items (1967=100)	-	527.3	528.2	-	-	-	-	-
Food and beverages	17.229	176.2	176.3	.9	.1	-.1	.2	.1
Food	16.228	175.7	175.7	.8	.0	-.1	.2	.1
Food at home	9.798	174.3	174.2	-.1	-.1	-.2	.2	-.1
Cereals and bakery products	1.468	198.4	198.9	1.9	.3	-.3	.6	.3
Meats, poultry, fish, and eggs	2.831	161.5	161.2	-1.2	-.2	-.4	-.4	-.3
Dairy and related products ¹	1.021	166.1	166.4	-2.6	.2	-.2	-.5	.2
Fruits and vegetables	1.307	217.5	216.2	1.9	-.6	.3	.0	-.9
Nonalcoholic beverages and beverage materials	1.132	139.6	139.9	.5	.2	-.7	2.3	.1
Other food at home	2.038	160.3	160.3	-.1	.0	-.3	.5	.2
Sugar and sweets .....	.339	159.5	159.5	2.1	.0	-.2	-.1	.2
Fats and oils .....	.316	155.2	155.8	-2.1	.4	-.5	1.0	.1
Other foods	1.383	177.2	177.2	-.1	.0	-.3	.5	.3
Other miscellaneous foods ^{1 2} .....	.310	110.1	110.1	.5	.0	-.8	.2	.0
Food away from home ¹	6.430	179.0	179.4	2.2	.2	.2	.2	.2
Other food away from home ^{1 2} .....	.275	119.3	119.6	3.4	.3	.3	.7	.3
Alcoholic beverages	1.001	183.4	184.3	2.1	.5	.2	-.2	.6
Housing	38.141	177.0	176.9	2.6	-.1	.2	.2	.3
Shelter	29.212	203.0	203.5	3.5	.2	.2	.2	.3
Rent of primary residence ³	8.395	200.0	200.6	3.4	.3	.2	.1	.3
Lodging away from home ^{2 3}	1.523	117.7	117.7	2.5	.0	1.6	-.3	.3
Owners' equivalent rent of primary residence ^{3 4}	18.980	196.4	196.9	3.6	.3	.2	.4	.3
Tenants' and household insurance ^{1 2} .....	.314	110.1	110.1	2.9	.0	.9	.4	.0
Fuels and utilities	4.829	146.5	143.6	-.3	-2.0	.4	.3	.5
Fuels	3.955	129.9	126.7	-.9	-2.5	.5	.2	.6
Fuel oil and other fuels .....	.177	114.5	118.6	-2.3	3.6	1.6	1.6	2.1
Gas (piped) and electricity ³	3.778	137.6	133.8	-.9	-2.8	.4	.2	.5
Water and sewer and trash collection services ² .....	.873	113.7	114.0	3.1	.3	.3	.3	.3
Household furnishings and operations	4.101	123.9	123.9	-1.3	.0	-.3	-.4	.3
Household operations ^{1 2} .....	.357	120.2	120.4	2.4	.2	.3	.2	.2
Apparel	4.831	123.5	125.5	-2.2	1.6	1.1	.1	-.2
Men's and boys' apparel	1.243	119.8	122.3	-3.9	2.1	-.5	-.2	-.5
Women's and girls' apparel	1.864	116.8	119.3	-.7	2.1	2.3	-.3	.3
Infants' and toddlers' apparel ¹ .....	.256	128.4	129.5	-3.0	.9	1.2	1.3	.9
Footwear	1.165	121.4	122.3	-2.1	.7	.9	.4	-.7
Transportation	19.393	153.1	154.0	1.7	.6	.5	.3	.5
Private transportation	18.452	150.4	151.4	1.9	.7	.4	.3	.6
New and used motor vehicles ²	10.145	99.0	99.0	-2.1	.0	.2	-.1	-.4
New vehicles	4.897	139.8	140.7	-1.0	.6	.0	.5	.4
Used cars and trucks	4.099	153.1	151.5	-4.5	-1.0	.4	-.8	-1.6
Motor fuel	3.153	122.1	124.9	7.5	2.3	.8	1.2	3.5
Gasoline (all types)	3.120	121.6	124.4	7.7	2.3	.8	1.3	3.4
Motor vehicle parts and equipment ¹ .....	.530	106.7	106.2	1.4	-.5	.3	-.3	-.5
Motor vehicle maintenance and repair	1.438	192.9	193.3	3.1	.2	.7	-.1	.1
Public transportation .....	.941	201.9	199.2	-2.2	-1.3	.7	-.9	-1.2
Medical care	4.620	286.7	288.3	4.9	.6	.2	.3	.7
Medical care commodities	1.006	252.5	252.8	3.1	.1	.1	.2	.2
Medical care services	3.614	294.9	296.9	5.4	.7	.2	.3	.8
Professional services ³	2.245	256.8	258.2	3.1	.5	.0	.0	.7
Hospital and related services ³	1.092	368.9	372.6	9.4	1.0	.8	.6	1.1

See footnotes at end of table.

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-Continued

(1982-84=100, unless otherwise noted)

CPI-W Expenditure category	Relative importance, December 2001	Unadjusted indexes		Unadjusted percent change to Oct. 2002 from—		Seasonally adjusted percent change from—			
		Sep. 2002	Oct. 2002	Oct. 2001	Sep. 2002	July to Aug.	Aug. to Sep.	Sep. to Oct.	
Recreation ²	5.649	104.4	104.6	0.8	0.2	0.0	0.0	0.3	
Video and audio ²	1.803	101.4	101.8	1.2	.4	-.3	.1	.6	
Education and communication ²	5.637	109.1	109.0	1.8	-.1	.7	-.2	.0	
Education ²	2.382	129.3	129.6	6.0	.2	.7	.6	.3	
Educational books and supplies .....	.203	323.9	324.2	4.0	.1	.3	.0	.2
Tuition, other school fees, and childcare	2.178	364.9	365.7	6.2	.2	.8	.7	.3	
Communication ^{1 2}	3.255	93.9	93.6	-1.4	-.3	.7	-.7	-.3	
Information and information processing ^{1 2}	3.107	92.7	92.4	-1.9	-.3	.8	-.7	-.3	
Telephone services ^{1 2}	2.591	100.3	100.2	.1	-.1	1.1	-.5	-.1	
Information and information processing other than telephone services ^{1 5} .....	.516	18.5	18.3	-12.9	-1.1	-1.0	-2.1	-1.1
Personal computers and peripheral equipment ^{1 2} .....	.253	20.8	20.4	-21.8	-1.9	-1.8	-4.1	-1.9
Other goods and services	4.499	307.8	304.9	4.3	-.9	.8	.6	-.9	
Tobacco and smoking products ¹	1.441	488.4	473.1	9.8	-3.1	2.5	1.6	-3.1	
Personal care ¹	3.059	174.4	174.8	1.7	.2	-.1	.1	.2	
Personal care products ¹ .....	.815	155.2	155.5	-.4	.2	-.1	.1	.2
Personal care services ¹ .....	.900	190.0	190.1	1.9	.1	.2	.1	.1
Miscellaneous personal services	1.161	274.9	275.9	3.4	.4	.1	.0	.3	
Commodity and service group									
Commodities	45.559	151.0	151.4	.1	.3	.2	.2	.1	
Food and beverages	17.229	176.2	176.3	.9	.1	-.1	.2	.1	
Commodities less food and beverages	28.330	136.4	136.9	-.4	.4	.4	.1	.1	
Nondurables less food and beverages	14.685	149.4	150.6	2.2	.8	1.6	-.8	.8	
Apparel	4.831	123.5	125.5	-2.2	1.6	1.1	.1	-.2	
Nondurables less food, beverages, and apparel	9.854	169.1	169.7	4.3	.4	1.6	-1.1	1.3	
Durables	13.645	121.1	121.0	-2.7	-.1	.0	-.2	-.3	
Services	54.441	207.6	207.8	3.4	.1	.3	.2	.3	
Rent of shelter ⁴	28.898	195.5	196.1	3.6	.3	.2	.2	.3	
Tenants' and household insurance ^{1 2} .....	.314	110.1	110.1	2.9	.0	.9	.4	.0
Gas (piped) and electricity ³	3.778	137.6	133.8	-.9	-2.8	.4	.2	.5	
Water and sewer and trash collection services ² .....	.873	113.7	114.0	3.1	.3	.3	.3	.3
Household operations ^{1 2} .....	.357	120.2	120.4	2.4	.2	.3	.2	.2
Transportation services	6.573	208.8	210.0	4.5	.6	.5	.2	.2	
Medical care services	3.614	294.9	296.9	5.4	.7	.2	.3	.8	
Other services	10.033	244.1	244.6	3.3	.2	.5	.1	.2	
Special indexes									
All items less food	83.772	177.1	177.5	2.1	.2	.4	.2	.3	
All items less shelter	70.788	169.5	169.7	1.3	.1	.4	.1	.2	
All items less medical care	95.380	172.2	172.5	1.8	.2	.3	.2	.2	
Commodities less food	29.331	138.1	138.6	-.3	.4	.4	.1	.1	
Nondurables less food	15.687	151.5	152.6	2.1	.7	1.3	-.7	.8	
Nondurables less food and apparel	10.855	169.6	170.3	4.2	.4	1.6	-1.1	1.3	
Nondurables	31.915	163.2	163.9	1.5	.4	.7	-.2	.3	
Services less rent of shelter ⁴	25.543	195.3	195.2	3.3	-.1	.5	.2	.4	
Services less medical care services	50.827	200.6	200.7	3.2	.0	.4	.4	.2	
Energy	7.109	125.3	125.2	3.3	-.1	.7	.7	1.9	
All items less energy	92.891	184.3	184.7	1.9	.2	.3	.1	.1	
All items less food and energy	76.663	186.5	186.9	2.0	.2	.3	.2	.1	
Commodities less food and energy commodities	26.001	144.4	144.5	-1.2	.1	.3	-.1	-.3	
Energy commodities	3.330	122.2	125.1	7.2	2.4	.8	1.2	3.4	
Services less energy services	50.663	215.4	216.1	3.7	.3	.3	.2	.3	
Purchasing power of the consumer dollar (1982-84=\$1.00)	-	\$.565	\$.564	-	-	-	-	-	
Purchasing power of the consumer dollar (1967=\$1.00)	-	\$.190	\$.189	-	-	-	-	-	

¹ Not seasonally adjusted.

² Indexes on a December 1997=100 base.

³ This index series was calculated using a Laspeyres estimator. All other item stratum index series converted to a geometric means estimator in January, 1999.

⁴ Indexes on a December 1984=100 base

⁵ 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)

CPI-W	Seasonally adjusted indexes				Seasonally adjusted annual rate percent change for					
					3 months ended—			6 months ended—		
	July 2002	Aug. 2002	Sep. 2002	Oct. 2002	Jan. 2002	Apr. 2002	July 2002	Oct. 2002	Apr. 2002	Oct. 2002
Expenditure category										
All items	176.0	176.5	176.8	177.2	-0.5	4.4	0.9	2.8	2.0	1.8
Food and beverages	176.0	175.9	176.3	176.4	1.1	1.6	.0	.9	1.4	.5
Food	175.5	175.3	175.7	175.8	1.2	1.6	.0	.7	1.4	.3
Food at home	174.4	174.0	174.4	174.2	.5	1.8	-2.0	-.5	1.2	-1.3
Cereals and bakery products	198.0	197.5	198.6	199.1	3.1	2.0	.2	2.2	2.6	1.2
Meats, poultry, fish, and eggs	162.3	161.7	161.1	160.6	-1.5	1.5	-.7	-4.1	.0	-2.4
Dairy and related products ¹	167.4	167.0	166.1	166.4	-2.6	-2.3	-3.0	-2.4	-2.4	-2.7
Fruits and vegetables	218.6	219.2	219.1	217.1	8.1	7.0	-4.3	-2.7	7.6	-3.5
Nonalcoholic beverages and beverage materials	137.9	137.0	140.1	140.2	-3.1	2.0	-3.1	6.8	-.6	1.7
Other food at home	160.0	159.5	160.3	160.6	.2	.5	-2.5	1.5	.4	-.5
Sugar and sweets	159.7	159.4	159.3	159.6	3.1	4.9	.5	-.3	4.0	.1
Fats and oils	154.4	153.6	155.2	155.4	-3.5	-3.0	-4.0	2.6	-3.3	-.8
Other foods	176.9	176.4	177.2	177.7	.5	.2	-2.9	1.8	.3	-.6
Other miscellaneous foods ^{1 2}	110.8	109.9	110.1	110.1	-.7	-2.9	8.8	-2.5	-1.8	3.0
Food away from home ¹	178.4	178.7	179.0	179.4	1.8	1.6	3.0	2.3	1.7	2.6
Other food away from home ^{1 2}	118.2	118.5	119.3	119.6	.3	5.6	2.8	4.8	3.0	3.8
Alcoholic beverages	183.4	183.8	183.4	184.5	1.6	3.1	1.3	2.4	2.3	1.9
Housing	175.8	176.2	176.5	177.0	2.6	2.6	2.1	2.8	2.6	2.4
Shelter	202.0	202.5	203.0	203.6	4.8	3.9	2.4	3.2	4.3	2.8
Rent of primary residence ³	199.4	199.8	200.0	200.6	4.4	3.5	3.3	2.4	4.0	2.9
Lodging away from home ^{2 3}	116.5	118.4	118.1	118.5	6.7	7.7	-10.0	7.0	7.2	-1.8
Owners' equivalent rent of primary residence ^{3 4}	195.4	195.7	196.4	196.9	4.5	3.8	3.1	3.1	4.1	3.1
Tenants' and household insurance ^{1 2}	108.7	109.7	110.1	110.1	-2.2	3.0	5.7	5.3	.4	5.5
Fuels and utilities	142.4	143.0	143.4	144.1	-5.4	-2.2	1.7	4.9	-3.8	3.3
Fuels	125.6	126.2	126.5	127.3	-7.3	-3.4	1.6	5.5	-5.4	3.5
Fuel oil and other fuels	114.6	116.4	118.3	120.8	-38.6	12.2	7.3	23.5	-17.0	15.1
Gas (piped) and electricity ³	132.9	133.4	133.7	134.4	-4.9	-4.1	1.5	4.6	-4.5	3.0
Water and sewer and trash collection services ²	113.1	113.4	113.7	114.0	4.0	3.3	1.8	3.2	3.6	2.5
Household furnishings and operations	124.6	124.2	123.7	124.1	-1.3	-1.3	-.6	-1.6	-1.3	-1.1
Household operations ^{1 2}	119.7	120.0	120.2	120.4	3.1	1.7	2.4	2.4	2.4	2.4
Apparel	121.5	122.8	122.9	122.7	-8.0	6.3	-10.2	4.0	-1.1	-3.3
Men's and boys' apparel	121.3	120.7	120.5	119.9	-5.3	4.0	-9.3	-4.5	-.8	-7.0
Women's and girls' apparel	112.4	115.0	114.7	115.1	-7.7	8.0	-11.5	10.0	-.2	-1.4
Infants' and toddlers' apparel ¹	125.3	126.8	128.4	129.5	-18.9	16.7	-18.1	14.1	-2.7	-3.3
Footwear	119.7	120.8	121.3	120.5	-10.0	8.3	-8.2	2.7	-1.3	-2.9
Transportation	152.4	153.1	153.5	154.2	-9.4	12.4	.0	4.8	.9	2.4
Private transportation	149.7	150.3	150.7	151.6	-9.6	13.0	.3	5.2	1.1	2.7
New and used motor vehicles ²	99.4	99.6	99.5	99.1	-1.2	-6.2	.0	-1.2	-3.7	-.6
New vehicles	140.4	140.4	141.1	141.6	-.3	-5.2	-1.4	3.5	-2.8	1.0
Used cars and trucks	153.9	154.5	153.2	150.7	-3.3	-7.9	1.6	-8.1	-5.6	-3.4
Motor fuel	119.1	120.1	121.5	125.7	-43.4	104.2	-6.4	24.1	7.5	7.7
Gasoline (all types)	118.5	119.5	121.0	125.1	-43.6	103.7	-5.9	24.2	7.2	8.1
Motor vehicle parts and equipment ¹	106.7	107.0	106.7	106.2	2.3	2.7	2.7	-1.9	2.5	.4
Motor vehicle maintenance and repair	191.6	192.9	192.7	192.9	3.2	4.5	1.9	2.7	3.9	2.3
Public transportation	202.0	203.5	201.7	199.2	-.2	-2.5	-.6	-5.4	-1.4	-3.0
Medical care	285.4	286.0	286.9	288.8	4.9	4.1	5.8	4.9	4.5	5.3
Medical care commodities	251.8	252.1	252.5	253.1	4.0	2.4	3.9	2.1	3.2	3.0
Medical care services	293.5	294.2	295.2	297.5	5.1	4.7	6.4	5.6	4.9	6.0
Professional services ³	256.9	256.9	257.0	258.7	3.2	1.1	5.0	2.8	2.2	3.9
Hospital and related services ³	363.5	366.4	368.5	372.6	8.9	11.0	7.4	10.4	9.9	8.9

See footnotes at end of table.

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-Continued

(1982-84=100, unless otherwise noted)

CPI-W	Seasonally adjusted indexes				Seasonally adjusted annual rate percent change for					
	3 months ended—									
	6 months ended—									
Expenditure category	July 2002	Aug. 2002	Sep. 2002	Oct. 2002	Jan. 2002	Apr. 2002	July 2002	Oct. 2002	Apr. 2002	Oct. 2002
Recreation ²	104.5	104.5	104.5	104.8	1.2	2.3	-1.5	1.2	1.7	-0.2
Video and audio ^{1 2}	101.7	101.4	101.5	102.1	2.4	2.0	-1.2	1.6	2.2	.2
Education and communication ²	107.9	108.7	108.5	108.5	1.9	-3.0	6.6	2.2	-6	4.4
Education ²	126.2	127.1	127.9	128.3	4.0	6.0	7.3	6.8	5.0	7.1
Educational books and supplies	321.7	322.6	322.7	323.2	-10.9	17.8	9.2	1.9	2.5	5.5
Tuition, other school fees, and childcare	355.3	358.0	360.6	361.8	5.4	4.8	7.0	7.5	5.1	7.3
Communication ^{1 2}	93.9	94.6	93.9	93.6	-8	-8.6	5.7	-1.3	-4.8	2.2
Information and information processing ^{1 2}	92.7	93.4	92.7	92.4	-8	-9.4	4.4	-1.3	-5.2	1.5
Telephone services ^{1 2}	99.7	100.8	100.3	100.2	1.2	-7.7	5.4	2.0	-3.4	3.7
Information and information processing other than telephone services ^{1 5}	19.1	18.9	18.5	18.3	-16.1	-15.0	-4.1	-15.7	-15.5	-10.1
Personal computers and peripheral equipment ^{1 2}	22.1	21.7	20.8	20.4	-24.9	-26.5	-6.9	-27.4	-25.7	-17.8
Other goods and services	303.5	306.0	307.8	304.9	2.2	10.9	2.4	1.9	6.5	2.1
Tobacco and smoking products ¹	468.8	480.7	488.4	473.1	2.4	29.8	5.4	3.7	15.3	4.5
Personal care ¹	174.4	174.3	174.4	174.8	1.9	2.8	1.2	.9	2.3	1.0
Personal care products ¹	155.3	155.1	155.2	155.5	-.5	.8	-2.3	.5	.1	-.9
Personal care services ¹	189.4	189.8	190.0	190.1	1.1	3.7	1.5	1.5	2.4	1.5
Miscellaneous personal services	275.0	275.2	275.2	275.9	4.6	3.9	3.9	1.3	4.2	2.6
Commodity and service group										
Commodities	150.5	150.8	151.1	151.2	-5.7	6.6	-1.8	1.9	.3	.0
Food and beverages	176.0	175.9	176.3	176.4	1.1	1.6	.0	.9	1.4	.5
Commodities less food and beverages	135.7	136.3	136.4	136.6	-9.6	9.6	-2.9	2.7	-4	-1
Nondurables less food and beverages	146.9	149.2	148.0	149.2	-13.0	23.3	-4.8	6.4	3.6	.7
Apparel	121.5	122.8	122.9	122.7	-8.0	6.3	-10.2	4.0	-1.1	-3.3
Nondurables less food, beverages, and apparel	166.3	169.0	167.2	169.4	-15.1	31.7	-1.7	7.7	5.7	2.9
Durables	121.8	121.8	121.6	121.2	-2.5	-5.4	-.7	-2.0	-4.0	-1.3
Services	206.0	206.7	207.2	207.9	3.8	3.0	3.2	3.7	3.4	3.5
Rent of shelter ⁴	194.7	195.1	195.5	196.1	4.7	4.0	2.5	2.9	4.4	2.7
Tenants' and household insurance ^{1 2}	108.7	109.7	110.1	110.1	-2.2	3.0	5.7	5.3	.4	5.5
Gas (piped) and electricity ³	132.9	133.4	133.7	134.4	-4.9	-4.1	1.5	4.6	-4.5	3.0
Water and sewer and trash collection services ²	113.1	113.4	113.7	114.0	4.0	3.3	1.8	3.2	3.6	2.5
Household operations ^{1 2}	119.7	120.0	120.2	120.4	3.1	1.7	2.4	2.4	2.4	2.4
Transportation services	208.0	209.0	209.5	210.0	5.3	4.6	4.3	3.9	4.9	4.1
Medical care services	293.5	294.2	295.2	297.5	5.1	4.7	6.4	5.6	4.9	6.0
Other services	242.0	243.3	243.5	244.1	3.1	1.5	4.9	3.5	2.3	4.2
Special indexes										
All items less food	175.9	176.6	176.9	177.4	-.9	5.2	.9	3.5	2.1	2.2
All items less shelter	168.4	169.0	169.2	169.5	-2.6	4.9	.2	2.6	1.1	1.4
All items less medical care	171.2	171.7	172.0	172.4	-.9	4.6	.7	2.8	1.8	1.8
Commodities less food	137.4	138.0	138.2	138.3	-9.2	9.2	-2.9	2.6	-.4	-.1
Nondurables less food	149.3	151.2	150.2	151.4	-12.1	22.0	-3.9	5.7	3.5	.8
Nondurables less food and apparel	167.0	169.7	167.9	170.1	-13.9	28.9	-1.7	7.6	5.3	2.9
Nondurables	161.9	163.0	162.6	163.1	-6.1	11.6	-2.0	3.0	2.4	.5
Services less rent of shelter ⁴	193.4	194.4	194.7	195.4	1.7	2.3	4.9	4.2	2.0	4.6
Services less medical care services	199.0	199.7	200.4	200.9	2.9	3.5	2.9	3.9	3.2	3.4
Energy	121.7	122.5	123.4	125.8	-26.2	38.1	-2.6	14.2	1.0	5.5
All items less energy	183.6	184.1	184.3	184.5	1.8	2.2	1.3	2.0	2.0	1.6
All items less food and energy	185.7	186.3	186.6	186.7	2.2	2.2	1.5	2.2	2.2	1.8
Commodities less food and energy commodities	144.1	144.6	144.5	144.0	-2.2	.0	-2.5	-.3	-1.1	-1.4
Energy commodities	119.4	120.4	121.8	126.0	-42.8	98.6	-5.8	24.0	6.6	8.1
Services less energy services	214.2	214.9	215.4	216.1	4.5	3.5	3.4	3.6	4.0	3.5

¹ Not seasonally adjusted.

² Indexes on a December 1997=100 base.

³ This index series was calculated using a Laspeyres estimator. All other item stratum index series converted to a geometric means estimator in

January, 1999.

⁴ Indexes on a December 1984=100 base

⁵ Indexes on a December 1988=100 base.

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)

CPI-W	Pricing schedule 1	All items										
		Indexes				Percent change to Oct.2002 from—			Percent change to Sep.2002 from—			
		July 2002	Aug. 2002	Sep. 2002	Oct. 2002	Oct. 2001	Aug. 2002	Sep. 2002	Sep. 2001	July 2002	Aug. 2002	
U.S. city average	M	176.1	176.6	177.0	177.3	1.9	0.4	0.2	1.3	0.5	0.2	
Region and area size²												
Northeast urban	M	184.7	185.7	186.2	186.5	2.6	.4	.2	2.4	.8	.3	
Size A - More than 1,500,000	M	185.2	186.4	186.7	186.9	2.7	.3	.1	2.4	.8	.2	
Size B/C - 50,000 to 1,500,000 ³	M	111.7	112.0	112.5	112.9	2.5	.8	.4	2.4	.7	.4	
Midwest urban	M	170.8	171.3	171.7	171.8	2.0	.3	.1	.5	.5	.2	
Size A - More than 1,500,000	M	172.1	172.8	173.4	173.3	2.3	.3	-.1	1.2	.8	.3	
Size B/C - 50,000 to 1,500,000 ³	M	110.9	111.0	111.1	111.4	1.5	.4	.3	-.6	.2	.1	
Size D - Nonmetropolitan (less than 50,000)	M	167.3	167.6	167.8	168.1	1.9	.3	.2	.4	.3	.1	
South urban	M	171.1	171.3	171.7	172.3	1.5	.6	.3	.8	.4	.2	
Size A - More than 1,500,000	M	172.2	172.7	172.9	173.7	1.8	.6	.5	1.2	.4	.1	
Size B/C - 50,000 to 1,500,000 ³	M	110.2	110.2	110.5	110.9	1.4	.6	.4	.5	.3	.3	
Size D - Nonmetropolitan (less than 50,000)	M	172.1	172.8	173.0	173.2	1.4	.2	.1	1.3	.5	.1	
West urban	M	179.8	180.3	180.7	180.8	1.7	.3	.1	1.7	.5	.2	
Size A - More than 1,500,000	M	180.8	181.3	181.7	181.7	2.1	.2	.0	2.0	.5	.2	
Size B/C - 50,000 to 1,500,000 ³	M	112.2	112.5	112.7	112.9	1.0	.4	.2	1.2	.4	.2	
Size classes												
A ⁴	M	162.7	163.4	163.8	164.0	2.3	.4	.1	1.8	.7	.2	
B/C ³	M	110.9	111.0	111.3	111.6	1.5	.5	.3	.6	.4	.3	
D	M	172.0	172.5	172.9	173.0	1.5	.3	.1	1.1	.5	.2	
Selected local areas⁵												
Chicago-Gary-Kenosha, IL-IN-WI	M	175.1	175.5	175.8	176.5	2.7	.6	.4	1.2	.4	.2	
Los Angeles-Riverside-Orange County, CA ..	M	175.0	175.6	176.3	176.5	3.2	.5	.1	2.8	.7	.4	
New York-Northern N.J.-Long Island, NY-NJ-CT-PA	M	187.1	188.1	188.6	188.8	3.0	.4	.1	2.7	.8	.3	
Boston-Brockton-Nashua, MA-NH-ME-CT	1	194.1	-	197.7	-	-	-	-	3.0	1.9	-	
Cleveland-Akron, OH	1	164.5	-	165.7	-	-	-	-	-.5	.7	-	
Dallas-Fort Worth, TX	1	172.6	-	172.9	-	-	-	-	.2	.2	-	
Washington-Baltimore, DC-MD-VA-WV ⁶	1	113.1	-	113.7	-	-	-	-	1.9	.5	-	
Atlanta, GA	2	-	176.8	-	176.3	1.3	-.3	-	-	-	-	
Detroit-Ann Arbor-Flint, MI	2	-	175.0	-	175.0	3.5	.0	-	-	-	-	
Houston-Galveston-Brazoria, TX	2	-	158.0	-	160.3	1.6	1.5	-	-	-	-	
Miami-Fort Lauderdale, FL	2	-	172.8	-	174.5	1.6	1.0	-	-	-	-	
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD	2	-	186.7	-	185.6	1.8	-.6	-	-	-	-	
San Francisco-Oakland-San Jose, CA	2	-	189.3	-	190.0	1.3	.4	-	-	-	-	
Seattle-Tacoma-Bremerton, WA	2	-	184.8	-	185.5	1.3	.4	-	-	-	-	

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. See technical notes.
³ Indexes on a December 1996=100 base.
⁴ Indexes on a December 1986=100 base.
⁵ 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; Phoenix-Mesa, AZ; Pittsburgh, PA; Portland-Salem, OR-WA; St. Louis, MO-IL; San Diego, CA;

Tampa-St. Petersburg-Clearwater, FL.
⁶ Indexes on a November 1996=100 base.
- Data not available.

NOTE: Local area indexes are byproducts of the national CPI program. Each local index has a smaller sample size than the national index 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.

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

Table 7. Chained Consumer Price Index for All Urban Consumers (C-CPI-U): U.S. city average, by expenditure category and commodity and service group

(December 1999=100, unless otherwise noted)

C-CPI-U	Relative importance, 1999-2000	Unadjusted indexes		Unadjusted percent change to Oct. 2002 from—	
		Sep. 2002	Oct. 2002	Oct. 2001	Sep. 2002
Expenditure category					
All items	100.000	106.0	106.2	1.7	0.2
Food and beverages	15.451	106.2	106.3	1.0	.1
Food	14.432	106.2	106.3	1.0	.1
Food at home	8.335	105.3	105.2	.0	-.1
Food away from home	6.096	107.6	107.8	2.4	.2
Alcoholic beverages	1.019	106.4	106.8	2.0	.4
Housing	40.040	109.4	109.3	2.4	-.1
Shelter	30.643	110.7	111.0	3.4	.3
Fuels and utilities ¹	4.376	113.8	111.4	-.2	-2.1
Household furnishings and operations	5.020	98.2	98.1	-1.2	-.1
Apparel	4.819	94.8	96.5	-2.4	1.8
Transportation	17.770	103.0	103.6	1.6	.6
Private transportation	16.520	103.0	103.8	1.9	.8
Public transportation	1.250	102.3	100.7	-2.7	-1.6
Medical care	5.563	112.7	113.3	4.7	.5
Medical care commodities	1.330	109.6	109.7	3.1	.1
Medical care services	4.233	113.7	114.4	5.1	.6
Recreation	6.124	102.1	102.2	.2	.1
Education and communication	6.068	97.6	97.4	-.1	-.2
Education	2.546	118.3	118.6	6.3	.3
Communication	3.522	84.7	84.2	-4.4	-.6
Other goods and services	4.164	111.3	110.8	3.0	-.4
Commodity and service group					
Services ²	57.098	110.4	110.5	3.2	.1
Commodities	42.902	100.5	100.8	-.3	.3
Durables	12.953	91.8	91.7	-3.4	-.1
Nondurables	29.949	104.5	105.0	1.1	.5
All items less food and energy	78.851	105.5	105.7	1.7	.2
Energy ³	6.717	^R 111.7	111.3	2.7	-.4

¹ Revised index for U.S. city average: Aug. 2002=113.6.

² Revised index for U.S. city average: Aug. 2002=110.5.

³ Revised index for U.S. city average: July 2002=111.2.

^R Revised.

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

Indexes for 2002 are initial estimates. Indexes for 2001 are interim adjustments.