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## CONSUMER PRICE INDEX – OCTOBER 2023

The Consumer Price Index for All Urban Consumers (CPI-U) was unchanged in October on a seasonally adjusted basis, after increasing 0.4 percent in September, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index increased 3.2 percent before seasonal adjustment.

The index for shelter continued to rise in October, offsetting a decline in the gasoline index and resulting in the seasonally adjusted index being unchanged over the month. The energy index fell 2.5 percent over the month as a 5.0-percent decline in the gasoline index more than offset increases in other energy component indexes. The food index increased 0.3 percent in October, after rising 0.2 percent in September. The index for food at home increased 0.3 percent over the month while the index for food away from home rose 0.4 percent.

The index for all items less food and energy rose 0.2 percent in October, after rising 0.3 percent in September. Indexes which increased in October include rent, owners' equivalent rent, motor vehicle insurance, medical care, recreation, and personal care. The indexes for lodging away from home, used cars and trucks, communication, and airline fares were among those that decreased over the month.

The all items index rose 3.2 percent for the 12 months ending October, a smaller increase than the 3.7-percent increase for the 12 months ending September. The all items less food and energy index rose 4.0 percent over the last 12 months, its smallest 12-month change since the period ending in September 2021. The energy index decreased 4.5 percent for the 12 months ending October, and the food index increased 3.3 percent over the last year.

Chart 1. One-month percent change in CPI for All Urban Consumers (CPI-U), seasonally adjusted, Oct. 2022 - Oct. 2023
Percent change
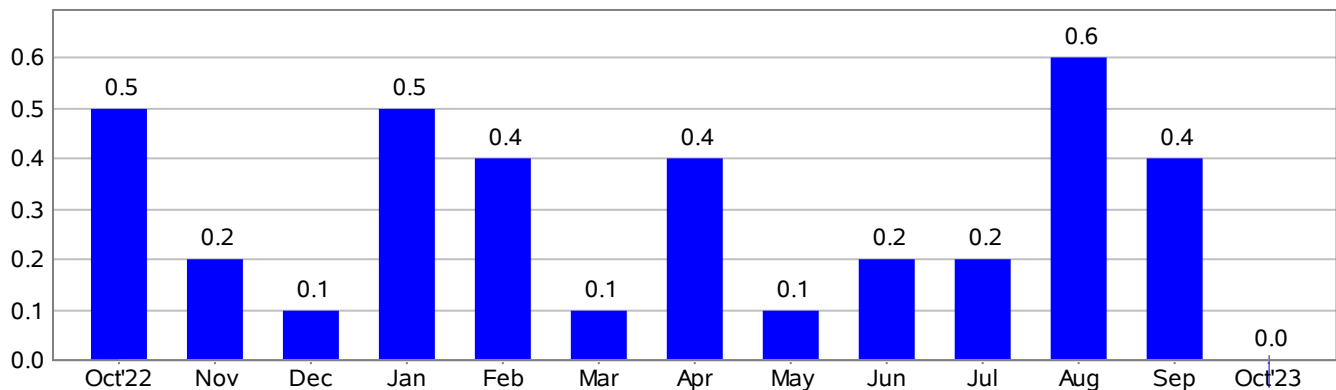
Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, Oct. 2022 - Oct. 2023
Percent change
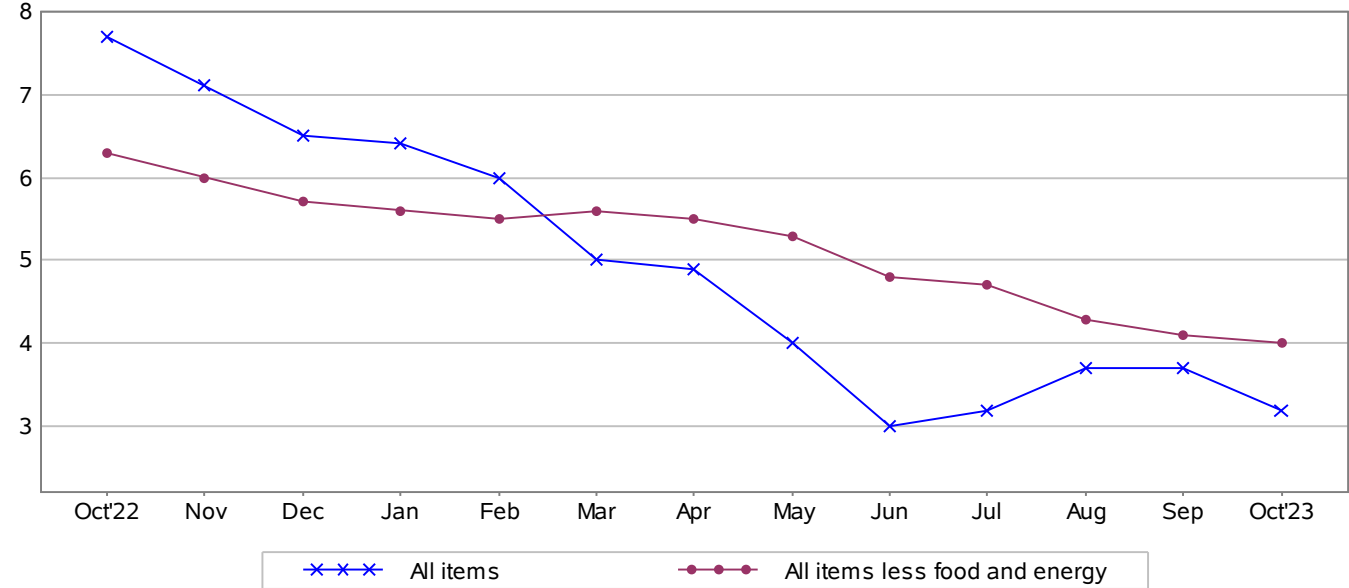
Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Oct. 2023
	Apr. 2023	May 2023	Jun. 2023	Jul. 2023	Aug. 2023	Sep. 2023	Oct. 2023	
All items...	0.4	0.1	0.2	0.2	0.6	0.4	0.0	3.2
Food..	0.0	0.2	0.1	0.2	0.2	0.2	0.3	3.3
Food at home..................................	-0.2	0.1	0.0	0.3	0.2	0.1	0.3	2.1
Food away from home[1]..........................	0.4	0.5	0.4	0.2	0.3	0.4	0.4	5.4
Energy...	0.6	-3.6	0.6	0.1	5.6	1.5	-2.5	-4.5
Energy commodities..........................	2.7	-5.6	0.8	0.3	10.5	2.3	-4.9	-6.2
Gasoline (all types)........................	3.0	-5.6	1.0	0.2	10.6	2.1	-5.0	-5.3
Fuel oil[1]....................................	-4.5	-7.7	-0.4	3.0	9.1	8.5	-0.8	-21.4
Energy services...............................	-1.7	-1.4	0.4	-0.1	0.2	0.6	0.5	-2.3
Electricity....................................	-0.7	-1.0	0.9	-0.7	0.2	1.3	0.3	2.4
Utility (piped) gas service..................	-4.9	-2.6	-1.7	2.0	0.1	-1.9	1.2	-15.8
All items less food and energy....................	0.4	0.4	0.2	0.2	0.3	0.3	0.2	4.0
Commodities less food and energy commodities...................................	0.6	0.6	-0.1	-0.3	-0.1	-0.4	-0.1	0.1
New vehicles...................................	-0.2	-0.1	0.0	-0.1	0.3	0.3	-0.1	1.9
Used cars and trucks..........................	4.4	4.4	-0.5	-1.3	-1.2	-2.5	-0.8	-7.1
Apparel...	0.3	0.3	0.3	0.0	0.2	-0.8	0.1	2.6
Medical care commodities[1]....................	0.5	0.6	0.2	0.5	0.6	-0.3	0.4	4.7
Services less energy services....................	0.4	0.4	0.3	0.4	0.4	0.6	0.3	5.5
Shelter...	0.4	0.6	0.4	0.4	0.3	0.6	0.3	6.7
Transportation services........................	-0.2	0.8	0.1	0.3	2.0	0.7	0.8	9.2
Medical care services..........................	-0.1	-0.1	0.0	-0.4	0.1	0.3	0.3	-2.0

1 Not seasonally adjusted.

Food

The food index rose 0.3 percent in October, after rising 0.2 percent in each of the last 3 months. The index for food at home increased 0.3 percent over the month, after rising 0.1 percent in September. Four of the six major grocery store food group indexes increased over the month. The index for meats, poultry, fish, and eggs rose 0.7 percent in October as the index for beef increased 1.2 percent and the index for pork rose 1.3 percent. The other food at home index increased 0.3 percent over the month, as did the dairy and related products index. The index for cereals and bakery products rose 0.2 percent in October, after falling 0.4 percent in September.

The index for nonalcoholic beverages decreased 0.1 percent in October, after being unchanged in September. The fruits and vegetables index was unchanged over the month, as it was in September.

The food away from home index rose 0.4 percent in October, as it did in September. The index for limited service meals increased 0.5 percent and the index for full service meals rose 0.3 percent over the month.

The food at home index rose 2.1 percent over the last 12 months. The index for cereals and bakery products rose 4.2 percent over the 12 months ending in October. The dairy and related products index decreased 0.4 percent over the year. The remaining major grocery store food group indexes posted increases ranging from 0.4 percent (meat, poultry, fish, and eggs) to 3.6 percent (other food at home).

The index for food away from home rose 5.4 percent over the last year. The index for limited service meals rose 6.2 percent over the last 12 months, and the index for full service meals rose 4.3 percent over the same period.

Energy

The energy index fell 2.5 percent in October after increasing 1.5 percent in September. The gasoline index decreased 5.0 percent in October, following a 2.1-percent increase in the previous month. (Before seasonal adjustment, gasoline prices fell 5.3 percent in October.)

The index for fuel oil fell in October, decreasing 0.8 percent. The natural gas index rose 1.2 percent over the month after falling 1.9 percent the previous month. The index for electricity rose 0.3 percent in October, after increasing 1.3 percent in September.

The energy index fell 4.5 percent over the past 12 months, as its components were mixed over the year. The gasoline index decreased 5.3 percent, the natural gas index declined 15.8 percent, and the fuel oil index fell 21.4 percent over the span. In contrast, the index for electricity rose 2.4 percent over the last year.

All items less food and energy

The index for all items less food and energy rose 0.2 percent in October, after rising 0.3 percent in September. The shelter index increased 0.3 percent in October, after rising 0.6 percent the previous month. The index for rent rose 0.5 percent in October, and the index for owners' equivalent rent increased 0.4 percent over the month. The lodging away from home index decreased 2.5 percent in October.

The shelter index was the largest factor in the monthly increase in the index for all items less food and energy. Among the other indexes that rose in October was the index for motor vehicle insurance, which increased 1.9 percent after rising 1.3 percent the preceding month. The indexes for recreation, personal care, and apparel also increased in October.

The medical care index rose 0.3 percent in October, after rising 0.2 percent in September. The index for hospital services increased 1.1 percent over the month, and the index for prescription drugs rose 0.8 percent. In contrast, the physicians' services index fell 1.0 percent in October.

The index for used cars and trucks fell 0.8 percent in October, after decreasing 2.5 percent in September. The communication index fell 0.3 percent over the month, and the index for airline fares declined 0.9 percent. The index for household furnishings and operations and the index for new vehicles both declined 0.1 percent over the month.

The index for all items less food and energy rose 4.0 percent over the past 12 months. The shelter index increased 6.7 percent over the last year, accounting for over 70 percent of the total increase in the all items less food and energy index. Other indexes with notable increases over the last year include motor vehicle insurance (+19.2 percent), recreation (+3.2 percent), personal care (+6.0 percent), and household furnishings and operations (+1.7 percent).

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 3.2 percent over the last 12 months to an index level of 307.671 (1982-84=100). For the month, the index was unchanged prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 3.1 percent over the last 12 months to an index level of 302.071 (1982-84=100). For the month, the index decreased 0.1 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 3.1 percent over the last 12 months. For the month, the index was unchanged on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

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The Consumer Price Index for November 2023 is scheduled to be released on Tuesday, December 12, 2023, at 8:30 a.m. (ET).

Changes to Health Insurance Methodology

Following recommendations from the National Academies of Science, Engineering, and Medicine's Committee on National Statistics (CNSTAT), the BLS is improving the methodology used to calculate retained earnings in the CPI health insurance index. Under the pre-October 2023 method, retained earnings were updated annually without any smoothing of the data. Under the new method, the BLS will update retained earnings every 6 months using half-year data and will calculate a 2-year moving average to smooth the changes in retained earnings. Beginning with the publication of October 2023 data, there will be a 6-month transition using annual data that has been averaged (smoothed) over 2 years. In May 2024 (publication of April 2024 data), we will begin to incorporate half-year, rather than annual, retained earnings. After this date, the retained earnings will be updated every 6 months with April and October data which will be released in May and November, respectively. This change in methodology will reduce the time lag associated with the health insurance index by 6 months.

A more detailed explanation of these changes is available in Improvements to the CPI Health Insurance Index (www.bls.gov/cpi/additional-resources/improvements-cpi-health-insurance-index.htm).

Technical Note

Brief Explanation of the CPI

The Consumer Price Index (CPI) measures the change in prices paid by consumers for goods and services. The CPI reflects spending patterns for each of two population groups: all urban consumers and urban wage earners and clerical workers. The all urban consumer group represents over 90 percent of the total U.S. population. It is based on the expenditures of almost all residents of urban or metropolitan areas, including professionals, the self-employed, the poor, the unemployed, and retired people, as well as urban wage earners and clerical workers. Not included in the CPI are the spending patterns of people living in rural nonmetropolitan areas, farming families, people in the Armed Forces, and those in institutions, such as prisons and mental hospitals. Consumer inflation for all urban consumers is measured by two indexes, namely, the Consumer Price Index for All Urban Consumers (CPI-U) and the Chained Consumer Price Index for All Urban Consumers (C-CPI-U).

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is based on the expenditures of households included in the CPI-U definition that meet two requirements: more than one-half of the household's income must come from clerical or wage occupations, and at least one of the household's earners must have been employed for at least 37 weeks during the previous 12 months. The CPI-W population represents approximately 30 percent of the total U.S. population and is a subset of the CPI-U population.

The CPIs are based on prices of food, clothing, shelter, fuels, transportation, doctors' and dentists' services, drugs, and other goods and services that people buy for day-to-day living. Prices are collected each month in 75 urban areas across the country from about 6,000 housing units and approximately 22,000 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 75 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 visit, telephone call, web, or app collection by the Bureau's trained representatives.

In calculating the index, price changes for the various items in each location are aggregated using 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 23 selected 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. The CPI-U and CPI-W are considered final when released, but the C-CPI-U is issued in preliminary form and subject to three subsequent quarterly revisions.

The index measures price change from a designed reference date. For most of the CPI-U and the CPI-W, the reference base is 1982-84 equals 100. The reference base for the C-CPI-U is December 1999 equals 100. An increase of 7 percent from the reference base, for example, is shown as 107.000. Alternatively, that relationship can also be expressed as the price of a base period market basket of goods and services rising from $100 to $107.

Sampling Error in the CPI

The CPI is a statistical estimate that is subject to sampling error because it is based upon a sample of retail prices and not the complete universe of all prices. BLS calculates and publishes estimates of the 1-month, 2-month, 6-month, and 12-month percent change standard errors annually for the CPI-U. These standard error estimates can be used to construct confidence intervals for hypothesis testing. For example, the estimated standard error of the 1-month percent change is 0.03 percent for the U.S. all items CPI. This means that if we repeatedly sample from the universe of all retail prices using the same methodology, and estimate a percentage change for each sample, then 95 percent of these estimates will be within 0.06 percent of the 1-month percentage change based on all retail prices. For example, for a 1-month change of 0.2 percent in the all items CPI-U, we are 95 percent confident that the actual percent change based on all retail prices would fall between 0.14 and 0.26 percent. For the latest data, including information on how to use the estimates of standard error, see www.bls.gov/cpi/tables/variance-estimates/home.htm.

Calculating Index Changes

Movements of the indexes from 1 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 following table shows an example of using index values to calculate percent changes:

	Item A	Item B	Item C
Year I	112.500	225.000	110.000
Year II	121.500	243.000	128.000
Change in index points	9.000	18.000	18.000
Percent change	9.0/112.500 x 100 = 8.0	18.0/225.000 x 100 = 8.0	18.0/110.000 x 100 = 16.4

Use of Seasonally Adjusted and Unadjusted Data

The Consumer Price Index (CPI) program produces both unadjusted and seasonally adjusted data. Seasonally adjusted data are computed using seasonal factors derived by the X-13ARIMA-SEATS seasonal adjustment method. These factors are updated each February, and the new factors are used to revise the previous 5 years of seasonally adjusted data. The factors are available at www.bls.gov/cpi/tables/seasonal-adjustment/seasonal-factors-2023.xlsx. For more information on data revision scheduling, please see the Factsheet on Seasonal Adjustment at www.bls.gov/cpi/seasonal-adjustment/questions-and-answers.htm and the Timeline of Seasonal Adjustment Methodological Changes at www.bls.gov/cpi/seasonal-adjustment/timeline-seasonal-adjustment-methodology-changes.htm.

How to Use Seasonally Adjusted and Unadjusted Data

For analyzing short-term 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 weather events, production cycles, model changeovers, holidays, and sales. This allows data users to focus on changes that are not typical for the time of year.

The unadjusted data are of primary interest to consumers concerned about the prices they actually pay. Unadjusted data are also used extensively for escalation purposes. Many collective bargaining contract agreements and pension plans, for example, tie compensation changes to the Consumer Price Index before adjustment for seasonal variation. BLS advises against the use of seasonally adjusted data in escalation agreements because seasonally adjusted series are revised annually.

Intervention Analysis

The Bureau of Labor Statistics uses intervention analysis seasonal adjustment (IASA) for some CPI series. Sometimes extreme values or sharp movements can distort the underlying seasonal pattern of price change. Intervention analysis seasonal adjustment is a process by which the distortions caused by such unusual events are estimated and removed from the data prior to calculation of seasonal factors. The resulting seasonal factors, which more accurately represent the seasonal pattern, are then applied to the unadjusted data.

For example, this procedure was used for the motor fuel series to offset the effects of the 2009 return to normal pricing after the worldwide economic downturn in 2008. Retaining this outlier data during seasonal factor calculation would distort the computation of the seasonal portion of the time series data for motor fuel, so it was estimated and removed from the data prior to seasonal adjustment. Following that, seasonal factors were calculated based on this "prior adjusted" data. These seasonal factors represent a clearer picture of the seasonal pattern in the data. The last step is for motor fuel seasonal factors to be applied to the unadjusted data.

For the seasonal factors introduced for January 2023, BLS adjusted 57 series using intervention analysis seasonal adjustment, including selected food and beverage items, motor fuels and vehicles.

Revision of Seasonally Adjusted Indexes

Seasonally adjusted data, including the U.S. city average all items index levels, are subject to revision for up to 5 years after their original release. Every year, economists in the CPI calculate new seasonal factors for seasonally adjusted series and apply them to the last 5 years of data. Seasonally adjusted indexes beyond the last 5 years of data are considered to be final and not subject to revision. For January 2023, revised seasonal factors and seasonally adjusted indexes for 2018 to 2022 were calculated and published. For series which are directly adjusted using the Census X-13ARIMA-SEATS seasonal adjustment software, the seasonal factors for 2022 will be applied to data for 2023 to produce the

seasonally adjusted 2023 indexes. Series which are indirectly seasonally adjusted by summing seasonally adjusted component series have seasonal factors which are derived and are therefore not available in advance.

Determining Seasonal Status

Each year the seasonal status of every series is reevaluated based upon certain statistical criteria. Using these criteria, BLS economists determine whether a series should change its status from "not seasonally adjusted" to "seasonally adjusted", or vice versa. If any of the 81 components of the U.S. city average all items index change their seasonal adjustment status from seasonally adjusted to not seasonally adjusted, not seasonally adjusted data will be used in the aggregation of the dependent series for the last 5 years, but the seasonally adjusted indexes before that period will not be changed. For 2023, 37 of the 81 components of the U.S. city average all items index are not seasonally adjusted.

Contact Information

For additional information about the CPI visit www.bls.gov/cpi or contact the CPI Information and Analysis Section at 202-691-7000 or cpi_info@bls.gov.

For additional information on seasonal adjustment in the CPI visit www.bls.gov/cpi/seasonal-adjustment/home.htm

If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023

[1982-84=100, unless otherwise noted]

Expenditure category	Relative impor-tance Sep. 2023	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022	Sep. 2023	Oct. 2023	Oct. 2022-Oct. 2023	Sep. 2023-Oct. 2023	Jul. 2023-Aug. 2023	Aug. 2023-Sep. 2023	Sep. 2023-Oct. 2023
All items…………………………………	100.000	298.012	307.789	307.671	3.2	0.0	0.6	0.4	0.0
Food………………………………………	13.372	315.323	324.704	325.731	3.3	0.3	0.2	0.2	0.3
Food at home……………………………	8.552	298.401	303.925	304.788	2.1	0.3	0.2	0.1	0.3
Cereals and bakery products…………	1.157	341.492	355.576	355.752	4.2	0.0	0.5	-0.4	0.2
Meats, poultry, fish, and eggs…………	1.780	321.271	320.140	322.536	0.4	0.7	0.8	0.5	0.7
Dairy and related products……………	0.780	269.355	268.377	268.326	-0.4	0.0	-0.4	0.1	0.3
Fruits and vegetables…………………	1.466	348.021	351.020	351.952	1.1	0.3	-0.2	0.0	0.0
Nonalcoholic beverages and beverage materials………………………………	1.033	210.121	216.736	216.952	3.3	0.1	-0.2	0.0	-0.1
Other food at home……………………	2.337	262.814	271.561	272.215	3.6	0.2	0.2	0.3	0.3
Food away from home[1]…………………	4.820	340.532	357.488	358.824	5.4	0.4	0.3	0.4	0.4
Energy……………………………………	7.185	300.359	296.004	286.754	-4.5	-3.1	5.6	1.5	-2.5
Energy commodities……………………	3.915	351.065	346.212	329.191	-6.2	-4.9	10.5	2.3	-4.9
Fuel oil[1]…………………………………	0.136	543.915	431.201	427.572	-21.4	-0.8	9.1	8.5	-0.8
Motor fuel………………………………	3.722	341.954	340.600	322.975	-5.6	-5.2	10.7	2.2	-4.9
Gasoline (all types)…………………	3.628	339.017	338.893	320.999	-5.3	-5.3	10.6	2.1	-5.0
Energy services…………………………	3.270	264.188	260.791	258.236	-2.3	-1.0	0.2	0.6	0.5
Electricity………………………………	2.562	262.100	272.401	268.342	2.4	-1.5	0.2	1.3	0.3
Utility (piped) gas service………………	0.709	264.774	221.045	222.955	-15.8	0.9	0.1	-1.9	1.2
All items less food and energy……………	79.443	299.315	310.817	311.380	4.0	0.2	0.3	0.3	0.2
Commodities less food and energy commodities……………………………	20.954	166.601	167.141	166.759	0.1	-0.2	-0.1	-0.4	-0.1
Apparel…………………………………	2.555	129.414	133.157	132.786	2.6	-0.3	0.2	-0.8	0.1
New vehicles……………………………	4.237	176.157	179.750	179.446	1.9	-0.2	0.3	0.3	-0.1
Used cars and trucks…………………	2.556	199.176	187.587	184.961	-7.1	-1.4	-1.2	-2.5	-0.8
Medical care commodities[1]……………	1.458	390.614	407.250	408.965	4.7	0.4	0.6	-0.3	0.4
Alcoholic beverages……………………	0.834	278.009	287.496	288.303	3.7	0.3	0.0	0.8	0.2
Tobacco and smoking products[1]………	0.498	1,371.864	1,443.712	1,471.019	7.2	1.9	0.6	0.2	1.9
Services less energy services…………	58.489	381.580	401.234	402.549	5.5	0.3	0.4	0.6	0.3
Shelter…………………………………	34.863	362.093	385.433	386.435	6.7	0.3	0.3	0.6	0.3
Rent of primary residence……………	7.614	379.436	404.487	406.683	7.2	0.5	0.5	0.5	0.5
Owners' equivalent rent of residences[2]…………………………	25.696	371.450	395.039	396.881	6.8	0.5	0.4	0.6	0.4
Medical care services…………………	6.324	606.839	593.777	594.974	-2.0	0.2	0.1	0.3	0.3
Physicians' services[1]…………………	1.782	414.897	413.966	409.755	-1.2	-1.0	0.1	0.0	-1.0
Hospital services[1, 3]…………………	1.941		397.531	401.752		1.1	0.7	1.5	1.1
Transportation services…………………	5.966	373.098	402.021	407.526	9.2	1.4	2.0	0.7	0.8
Motor vehicle maintenance and repair[1]………………………………	1.138	358.597	392.222	392.861	9.6	0.2	1.1	0.2	0.2
Motor vehicle insurance………………	2.770	637.103	742.292	759.704	19.2	2.3	2.4	1.3	1.9
Airline fares……………………………	0.519	294.340	246.151	255.480	-13.2	3.8	4.9	0.3	-0.9

[1] Not seasonally adjusted.
[2] Indexes on a December 1982=100 base.
[3] Indexes on a December 1996=100 base.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, October 2023
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022- Oct. 2023	Sep. 2023- Oct. 2023	Jul. 2023- Aug. 2023	Aug. 2023- Sep. 2023	Sep. 2023- Oct. 2023
All items..	100.000	3.2	0.0	0.6	0.4	0.0
Food..	13.372	3.3	0.3	0.2	0.2	0.3
Food at home...	8.552	2.1	0.3	0.2	0.1	0.3
Cereals and bakery products................................	1.157	4.2	0.0	0.5	-0.4	0.2
Cereals and cereal products............................	0.360	2.5	-0.4	-0.3	0.2	-0.3
Flour and prepared flour mixes......................	0.061	3.2	-0.5	-0.9	0.1	0.9
Breakfast cereal[1]....................................	0.143	3.5	0.6	-1.1	-0.5	0.6
Rice, pasta, cornmeal.................................	0.155	1.4	-1.3	-0.2	0.5	-0.7
Rice[1, 2, 3]...		1.0	-0.9	-0.3	-1.3	-0.9
Bakery products[1]......................................	0.798	4.9	0.3	0.5	-0.2	0.3
Bread[1, 2]...	0.224	6.3	1.0	-0.8	0.3	1.0
White bread[1, 3].................................		7.1	1.0	-0.2	0.6	1.0
Bread other than white[1, 3].....................		5.6	1.1	-1.2	0.0	1.1
Fresh biscuits, rolls, muffins[2]......................	0.117	5.7	0.4	2.3	-0.7	0.4
Cakes, cupcakes, and cookies[1]......................	0.206	3.7	-1.0	0.6	-0.4	-1.0
Cookies[1, 3].....................................		5.1	-1.1	0.1	0.1	-1.1
Fresh cakes and cupcakes[1, 3]...................		4.4	-0.3	1.0	-1.0	-0.3
Other bakery products................................	0.251	4.4	0.5	0.8	-0.4	0.7
Fresh sweetrolls, coffeecakes, doughnuts[1, 3]....		5.1	1.5	0.6	-1.0	1.5
Crackers, bread, and cracker products[3].........		6.0	0.5	0.4	0.4	1.1
Frozen and refrigerated bakery products, pies, tarts, turnovers[3]................................		2.7	1.4	1.8	-2.4	0.7
Meats, poultry, fish, and eggs............................	1.780	0.4	0.7	0.8	0.5	0.7
Meats, poultry, and fish..................................	1.670	2.4	0.8	1.0	0.4	0.7
Meats...	1.044	4.0	1.3	1.0	0.9	1.0
Beef and veal...	0.460	8.9	1.0	1.2	0.6	1.2
Uncooked ground beef[1]...........................	0.164	7.9	1.5	0.4	0.6	1.5
Uncooked beef roasts[2]...........................	0.060	9.7	1.2	0.0	0.3	4.1
Uncooked beef steaks[2]...........................	0.193	10.6	0.5	2.4	0.0	0.5
Uncooked other beef and veal[1, 2]................	0.044	4.1	0.8	0.4	-0.3	0.8
Pork...	0.335	0.3	1.7	2.2	1.6	1.3
Bacon, breakfast sausage, and related products[2]..	0.144	-0.6	1.6	1.9	2.7	1.3
Bacon and related products[3]....................		0.3	2.4	4.0	4.8	1.8
Breakfast sausage and related products[2, 3]...		-1.2	0.2	-1.0	-0.2	0.1
Ham..	0.068	0.5	0.3	-0.8	-1.8	0.5
Ham, excluding canned[3]........................		0.4	0.3	-0.7	-1.9	0.5
Pork chops[1].......................................	0.044	4.3	3.5	3.1	-0.5	3.5
Other pork including roasts, steaks, and ribs[2]...	0.078	-0.6	2.0	3.0	1.7	1.5
Other meats..	0.249	0.9	1.3	-0.9	0.6	0.4
Frankfurters[3].....................................		4.9	4.4	-3.1	6.8	2.0
Lunchmeats[1, 2, 3]................................		0.2	1.3	-1.3	-0.2	1.3
Poultry[1]...	0.347	1.1	0.3	1.0	0.4	0.3
Chicken[1, 2]..	0.275	-0.4	0.3	1.3	0.1	0.3
Fresh whole chicken[1, 3]........................		2.3	0.2	2.1	-1.1	0.2
Fresh and frozen chicken parts[1, 3].............		-1.5	0.2	1.0	0.6	0.2
Other uncooked poultry including turkey[2]........	0.072	7.2	0.5	-1.0	0.7	1.2
Fish and seafood......................................	0.279	-1.8	-0.5	0.9	-1.2	-0.1
Fresh fish and seafood[1, 2]......................	0.134	-3.6	0.0	0.5	-1.3	0.0
Processed fish and seafood[2].....................	0.145	0.0	-0.9	0.8	-0.8	-0.4
Shelf stable fish and seafood[3]..................		4.3	-1.4	2.8	-0.5	-1.0
Frozen fish and seafood[3]........................		-1.9	-1.5	1.4	-0.5	-1.1
Eggs[1]...	0.110	-22.2	0.1	-2.5	0.9	0.1

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, October 2023 — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022- Oct. 2023	Sep. 2023- Oct. 2023	Jul. 2023- Aug. 2023	Aug. 2023- Sep. 2023	Sep. 2023- Oct. 2023
Dairy and related products...................................	0.780	-0.4	0.0	-0.4	0.1	0.3
Milk[2]...	0.191	-1.6	0.4	0.1	1.4	1.0
Fresh whole milk[3]..		-2.2	0.9	-0.2	1.5	1.6
Fresh milk other than whole[2, 3]........................		-0.9	0.2	0.2	1.4	0.7
Cheese and related products[1]............................	0.237	-1.9	0.5	-0.6	-0.4	0.5
Ice cream and related products............................	0.121	1.8	-0.9	-0.7	0.1	-1.4
Other dairy and related products[2]........................	0.232	1.1	-0.4	0.3	-0.5	0.4
Fruits and vegetables..	1.466	1.1	0.3	-0.2	0.0	0.0
Fresh fruits and vegetables..............................	1.086	-0.1	0.2	-0.2	-0.2	-0.3
Fresh fruits...	0.580	1.8	0.9	-0.3	-0.1	0.5
Apples..	0.085	-3.9	-10.5	-0.4	-0.9	-7.9
Bananas[1]...	0.089	1.5	-0.1	0.0	-0.4	-0.1
Citrus fruits[2]..	0.172	1.1	1.8	-0.5	1.3	2.9
Oranges, including tangerines[3]....................		0.2	1.8	-0.4	1.2	3.1
Other fresh fruits[2]......................................	0.234	3.9	4.6	-0.4	-0.1	3.4
Fresh vegetables...	0.505	-2.2	-0.6	-0.1	-0.4	-1.3
Potatoes...	0.090	-3.3	-4.1	0.6	-2.0	-2.7
Lettuce...	0.068	-4.5	1.5	-0.8	-1.7	-1.1
Tomatoes..	0.080	-2.7	-0.8	-1.4	1.2	-1.7
Other fresh vegetables................................	0.267	-0.7	0.2	0.0	-0.2	-0.3
Processed fruits and vegetables[2].......................	0.380	4.8	0.5	-0.2	0.7	1.0
Canned fruits and vegetables[2].......................	0.195	3.2	0.5	-0.3	0.7	1.1
Canned fruits[2, 3]......................................		3.0	-0.1	-1.2	2.9	0.1
Canned vegetables[2, 3]..............................		3.3	0.9	0.4	0.2	1.7
Frozen fruits and vegetables[2]........................	0.111	8.0	0.5	-0.3	0.6	0.4
Frozen vegetables[3].................................		10.7	0.3	-0.5	0.8	0.0
Other processed fruits and vegetables including dried[2]...	0.075	4.7	0.3	-0.3	-0.3	1.5
Dried beans, peas, and lentils[1, 2, 3]...............		1.1	1.8	-1.1	-0.1	1.8
Nonalcoholic beverages and beverage materials.........	1.033	3.3	0.1	-0.2	0.0	-0.1
Juices and nonalcoholic drinks[2]...........................	0.726	3.9	0.4	0.3	-0.4	0.3
Carbonated drinks..	0.303	3.1	0.9	0.7	-1.1	0.9
Frozen noncarbonated juices and drinks[1, 2]..........	0.009	22.1	2.0	0.3	2.4	2.0
Nonfrozen noncarbonated juices and drinks[2]........	0.414	4.1	0.1	0.0	-0.1	0.0
Beverage materials including coffee and tea[2]..........	0.307	1.8	-0.7	-0.9	1.1	-0.6
Coffee...	0.195	0.4	-0.3	-0.7	0.7	-0.6
Roasted coffee[3]..		-0.2	-0.3	-1.1	1.0	-0.8
Instant coffee[1, 3].......................................		0.7	-1.1	1.2	-0.5	-1.1
Other beverage materials including tea[1, 2]...........	0.112	4.3	-1.5	-0.4	0.8	-1.5
Other food at home..	2.337	3.6	0.2	0.2	0.3	0.3
Sugar and sweets[1]...	0.307	5.2	-0.5	0.6	0.3	-0.5
Sugar and sugar substitutes...........................	0.042	8.8	0.9	1.1	-0.3	1.6
Candy and chewing gum[1, 2]...........................	0.195	5.9	-0.7	0.4	0.2	-0.7
Other sweets[2]..	0.070	1.3	-0.9	1.7	0.2	-0.4
Fats and oils...	0.253	2.8	1.8	0.2	-0.5	2.3
Butter and margarine[2]...................................	0.080	-2.9	1.6	-1.1	0.9	2.1
Butter[3]...		-3.7	2.2	-1.8	2.4	2.1
Margarine[1, 3]..		-0.6	0.5	0.2	0.5	0.5
Salad dressing[2]...	0.060	4.0	1.3	3.2	-3.5	1.7
Other fats and oils including peanut butter[2]..........	0.114	6.3	2.1	0.3	-0.3	2.3
Peanut butter[1, 2, 3]....................................		2.8	1.5	1.4	0.6	1.5
Other foods...	1.776	3.4	0.2	0.2	0.4	0.1
Soups...	0.104	-0.1	-2.0	1.1	-2.3	0.1
Frozen and freeze dried prepared foods...........	0.269	1.2	-0.5	0.2	-0.2	-0.7

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, October 2023 — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022- Oct. 2023	Sep. 2023- Oct. 2023	Jul. 2023- Aug. 2023	Aug. 2023- Sep. 2023	Sep. 2023- Oct. 2023
Snacks...	0.376	3.1	0.3	0.0	1.5	0.0
Spices, seasonings, condiments, sauces...........	0.358	5.6	0.8	0.1	0.1	1.2
Salt and other seasonings and spices[2, 3]........		4.1	0.9	2.0	-0.7	1.7
Olives, pickles, relishes[1, 2, 3].....................		4.3	1.9	-0.5	-0.3	1.9
Sauces and gravies[2, 3]............................		7.5	0.7	0.7	0.0	0.7
Other condiments[3].................................		5.9	-0.3	-4.4	-2.2	0.1
Baby food and formula[1, 2].........................	0.039	8.3	1.0	0.4	2.3	1.0
Other miscellaneous foods[2]........................	0.630	3.6	0.3	0.4	0.7	0.0
Prepared salads[3, 4]................................		2.8	1.2	-2.0	1.9	0.8
Food away from home[1].................................	4.820	5.4	0.4	0.3	0.4	0.4
Full service meals and snacks[1, 2]...................	2.301	4.3	0.3	0.2	0.4	0.3
Limited service meals and snacks[1, 2]...............	2.245	6.2	0.5	0.3	0.4	0.5
Food at employee sites and schools[1, 2]............	0.075	5.4	0.2	2.0	0.3	0.2
Food at elementary and secondary schools[1, 3, 5].......			0.1		0.6	0.1
Food from vending machines and mobile vendors[1, 2]....	0.026	14.9	2.7	1.6	0.4	2.7
Other food away from home[1, 2]........................	0.172	7.3	-0.9	1.7	1.2	-0.9
Energy...	7.185	-4.5	-3.1	5.6	1.5	-2.5
Energy commodities..................................	3.915	-6.2	-4.9	10.5	2.3	-4.9
Fuel oil and other fuels.............................	0.192	-17.1	0.1	8.4	4.8	-3.4
Fuel oil[1]...	0.136	-21.4	-0.8	9.1	8.5	-0.8
Propane, kerosene, and firewood[6]................	0.057	-6.4	2.3	1.5	-1.4	0.0
Motor fuel...	3.722	-5.6	-5.2	10.7	2.2	-4.9
Gasoline (all types)...............................	3.628	-5.3	-5.3	10.6	2.1	-5.0
Gasoline, unleaded regular[3]....................		-5.6	-5.6	10.7	1.7	-5.7
Gasoline, unleaded midgrade[3, 7]...............		-3.3	-4.2	9.8	2.6	-3.2
Gasoline, unleaded premium[3]..................		-3.7	-3.3	8.8	3.5	-3.1
Other motor fuels[1, 2]............................	0.094	-11.8	-1.1	10.9	6.4	-1.1
Energy services......................................	3.270	-2.3	-1.0	0.2	0.6	0.5
Electricity..	2.562	2.4	-1.5	0.2	1.3	0.3
Utility (piped) gas service.........................	0.709	-15.8	0.9	0.1	-1.9	1.2
All items less food and energy.........................	79.443	4.0	0.2	0.3	0.3	0.2
Commodities less food and energy commodities............	20.954	0.1	-0.2	-0.1	-0.4	-0.1
Household furnishings and supplies[8].....................	4.278	0.7	-0.2	0.3	-0.3	-0.2
Window and floor coverings and other linens[2]..........	0.305	-3.6	-1.8	1.1	-1.0	-1.5
Floor coverings[1, 2]...................................	0.083	1.1	0.1	-1.0	0.4	0.1
Window coverings[1, 2].................................	0.074	5.4	1.2	6.8	-1.7	1.2
Other linens[2].......................................	0.148	-9.6	-4.4	1.8	-1.3	-4.3
Furniture and bedding[1]..................................	1.107	-2.9	1.4	-1.2	-1.2	1.4
Bedroom furniture[1]....................................	0.366	-0.1	1.0	-1.0	-1.4	1.0
Living room, kitchen, and dining room furniture[1, 2]...	0.543	-4.4	0.5	-0.7	-1.1	0.5
Other furniture[2]......................................	0.192	-3.6	4.7	-2.1	-1.4	4.3
Appliances[2]..	0.276	-2.0	-1.9	-0.2	-1.4	-1.2
Major appliances[2].....................................	0.097	-9.6	-2.8	0.9	-0.2	-2.0
Laundry equipment[1, 3]...............................		-10.9	-5.0	0.0	-2.2	-5.0
Other appliances[1, 2]..................................	0.176	2.7	-1.4	-0.6	-0.7	-1.4
Other household equipment and furnishings[2]..........	0.566	-0.9	-0.5	1.1	0.6	-1.1
Clocks, lamps, and decorator items[1]..................	0.317	-1.2	-0.9	0.8	0.5	-0.9
Indoor plants and flowers[9]...........................	0.126	3.5	1.7	2.8	2.0	1.3
Dishes and flatware[1, 2]...............................	0.040	-3.1	-1.1	-1.2	0.7	-1.1
Nonelectric cookware and tableware[2]................	0.083	-3.0	-2.3	-0.2	0.7	-2.0
Tools, hardware, outdoor equipment and supplies[2]....	1.064	4.2	-1.0	1.2	0.0	-1.1
Tools, hardware and supplies[2].........................	0.270	2.1	-0.7	0.9	0.3	-0.5
Outdoor equipment and supplies[2].....................	0.560	6.0	-1.3	1.6	0.0	-1.7

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022- Oct. 2023	Sep. 2023- Oct. 2023	Jul. 2023- Aug. 2023	Aug. 2023- Sep. 2023	Sep. 2023- Oct. 2023
Housekeeping supplies[1]	0.960	4.3	0.3	-0.5	0.4	0.3
Household cleaning products[1,2]	0.327	4.6	0.1	0.2	0.1	0.1
Household paper products[1,2]	0.177	6.3	0.2	-0.2	-0.2	0.2
Miscellaneous household products[1,2]	0.456	3.0	0.4	-1.1	0.8	0.4
Apparel	2.555	2.6	-0.3	0.2	-0.8	0.1
Men's and boys' apparel	0.670	5.3	0.0	-0.6	0.7	0.5
Men's apparel	0.496	5.0	-0.4	-1.3	0.8	0.6
Men's suits, sport coats, and outerwear	0.063	-3.8	0.4	-4.6	-3.9	1.5
Men's underwear, nightwear, swimwear, and accessories[1]	0.180	5.3	-0.5	0.0	2.0	-0.5
Men's shirts and sweaters[2]	0.124	6.7	-0.9	1.9	0.3	0.7
Men's pants and shorts	0.119	8.1	0.1	-1.1	2.2	0.9
Boys' apparel	0.174	6.5	1.0	1.0	-0.3	-0.2
Women's and girls' apparel	1.048	1.3	0.0	0.7	-1.8	-0.2
Women's apparel	0.875	1.6	0.4	1.1	-1.6	-0.1
Women's outerwear	0.053	3.7	-5.1	3.6	-3.1	-5.9
Women's dresses	0.098	-0.5	-2.6	3.2	-5.3	-3.1
Women's suits and separates[2]	0.398	2.8	1.5	2.6	-0.8	1.1
Women's underwear, nightwear, swimwear, and accessories[2]	0.315	0.9	0.8	-1.5	-0.7	0.3
Girls' apparel	0.173	-0.4	-1.9	-1.6	-2.8	-0.8
Footwear	0.509	1.1	-0.5	1.2	0.4	-0.4
Men's footwear[1]	0.181	0.8	0.8	0.7	0.5	0.8
Boys' and girls' footwear	0.121	1.0	-0.6	2.6	-0.8	-0.7
Women's footwear	0.207	1.8	-1.6	1.5	1.4	-1.3
Infants' and toddlers' apparel	0.104	4.4	-0.8	-1.9	-1.6	0.4
Jewelry and watches[6]	0.225	3.1	-1.6	-0.7	-2.6	1.2
Watches[1,6]	0.034	0.1	2.6	-1.0	-3.9	2.6
Jewelry[6]	0.190	3.7	-2.4	-0.2	-3.0	1.1
Transportation commodities less motor fuel[8]	7.500	-2.1	-0.6	-0.3	-0.9	-0.4
New vehicles	4.237	1.9	-0.2	0.3	0.3	-0.1
New cars[3]		1.3	-0.1	0.2	0.1	0.0
New trucks[3,10]		2.0	-0.2	0.3	0.3	-0.1
Used cars and trucks	2.556	-7.1	-1.4	-1.2	-2.5	-0.8
Motor vehicle parts and equipment[1]	0.467	-1.0	-0.3	0.2	-1.5	-0.3
Tires[1]	0.319	-0.6	-0.2	0.1	-2.1	-0.2
Vehicle accessories other than tires[1,2]	0.148	-1.7	-0.7	0.4	-0.1	-0.7
Vehicle parts and equipment other than tires[1,3]		-1.3	-1.0	0.3	0.1	-1.0
Motor oil, coolant, and fluids[1,3]		-5.0	-0.5	1.3	-1.0	-0.5
Medical care commodities[1]	1.458	4.7	0.4	0.6	-0.3	0.4
Medicinal drugs[1,8]	1.343	4.6	0.6	0.6	-0.4	0.6
Prescription drugs[1]	0.933	3.1	0.8	0.4	-0.7	0.8
Nonprescription drugs[1,8]	0.411	8.1	0.1	1.1	0.4	0.1
Medical equipment and supplies[1,8]	0.115	6.4	-1.7	-0.1	0.5	-1.7
Recreation commodities[8]	2.214	-0.4	0.0	-0.4	0.3	0.1
Video and audio products[8]	0.269	-4.6	0.1	-1.5	0.3	0.5
Televisions	0.130	-9.4	-0.2	-2.7	0.2	0.7
Other video equipment[2]	0.016	-3.6	-1.2	-4.0	-0.4	-0.6
Audio equipment[1]	0.053	-3.5	0.6	-1.3	1.1	0.6
Recorded music and music subscriptions[1,2]	0.060	5.4	0.5	1.5	0.3	0.5
Pets and pet products[1]	0.664	3.5	0.0	-1.0	0.6	0.0
Pet food[1,2,3]		6.5	0.1	-0.1	0.3	0.1
Purchase of pets, pet supplies, accessories[1,2,3]		-1.2	0.1	-2.6	1.0	0.1
Sporting goods[1]	0.728	-1.2	0.4	0.2	0.0	0.4

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, October 2023 — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022-Oct. 2023	Sep. 2023-Oct. 2023	Jul. 2023-Aug. 2023	Aug. 2023-Sep. 2023	Sep. 2023-Oct. 2023
Sports vehicles including bicycles[1]	0.420	-0.3	0.5	0.4	-0.2	0.5
Sports equipment[1]	0.299	-2.5	0.3	-0.2	0.3	0.3
Photographic equipment and supplies	0.020	6.9	5.9	-2.6	2.8	6.8
Photographic equipment[2,3]		6.9	6.3	-2.8	3.2	7.0
Recreational reading materials[1]	0.110	0.2	0.7	-0.9	1.5	0.7
Newspapers and magazines[1,2]	0.059	-0.8	1.8	-1.6	0.8	1.8
Recreational books[1,2]	0.051	1.8	-0.5	-0.2	2.2	-0.5
Other recreational goods[2]	0.423	-2.1	-1.0	0.4	-0.2	-0.8
Toys	0.334	-3.7	-1.2	0.5	-0.5	-0.9
Toys, games, hobbies and playground equipment[2,3]		-3.9	-1.2	0.2	-0.3	-1.0
Sewing machines, fabric and supplies[1,2]	0.025	5.0	-1.4	0.4	3.5	-1.4
Music instruments and accessories[1,2]	0.053	7.2	-0.1	-0.7	0.0	-0.1
Education and communication commodities[8]	0.869	-7.1	-1.3	-0.7	0.3	-1.3
Educational books and supplies[1]	0.092	-3.2	-0.6	-0.1	0.6	-0.6
College textbooks[1,3,11]		-4.7	-0.3	-1.7	0.6	-0.3
Information technology commodities[8]	0.776	-7.6	-1.4	-0.8	0.3	-1.4
Computers, peripherals, and smart home assistants[1,4]	0.359	-5.7	-0.8	-0.8	1.7	-0.8
Computer software and accessories[1,2]	0.022	-8.5	-1.3	-1.3	2.3	-1.3
Telephone hardware, calculators, and other consumer information items[1,2]	0.396	-8.7	-1.9	-0.7	-1.0	-1.9
Smartphones[1,3,12]		-12.0	-2.1	-0.2	-0.8	-2.1
Alcoholic beverages	0.834	3.7	0.3	0.0	0.8	0.2
Alcoholic beverages at home	0.501	2.7	0.3	0.1	0.8	0.2
Beer, ale, and other malt beverages at home	0.192	4.7	1.0	0.5	0.9	0.7
Distilled spirits at home[1]	0.086	2.1	-0.4	-0.1	0.2	-0.4
Whiskey at home[1,3]		3.1	-1.0	0.9	0.5	-1.0
Distilled spirits, excluding whiskey, at home[1,3]		1.2	0.0	-0.5	0.0	0.0
Wine at home[1]	0.224	1.1	0.0	0.2	0.5	0.0
Alcoholic beverages away from home[1]	0.333	5.3	0.2	0.0	0.9	0.2
Beer, ale, and other malt beverages away from home[1,2,3]		5.2	0.2	1.0	0.8	0.2
Wine away from home[1,2,3]		5.3	-0.1	0.0	1.2	-0.1
Distilled spirits away from home[1,2,3]		7.0	0.3	0.0	0.7	0.3
Other goods[8]	1.245	5.6	1.1	0.1	0.5	1.1
Tobacco and smoking products[1]	0.498	7.2	1.9	0.6	0.2	1.9
Cigarettes[1,2]	0.415	7.6	1.9	0.8	0.4	1.9
Tobacco products other than cigarettes[1,2]	0.077	5.3	1.6	0.0	-0.8	1.6
Personal care products[1]	0.604	5.1	0.4	0.3	0.4	0.4
Hair, dental, shaving, and miscellaneous personal care products[1,2]	0.320	6.6	0.1	0.5	0.3	0.1
Cosmetics, perfume, bath, nail preparations and implements[1]	0.273	3.6	0.7	0.0	0.6	0.7
Miscellaneous personal goods[1,2]	0.142	2.2	1.2	-2.3	1.7	1.2
Stationery, stationery supplies, gift wrap[3]		5.8	5.8	-3.7	1.6	3.5
Services less energy services	58.489	5.5	0.3	0.4	0.6	0.3
Shelter	34.863	6.7	0.3	0.3	0.6	0.3
Rent of shelter[13]	34.492	6.8	0.3	0.3	0.6	0.3
Rent of primary residence	7.614	7.2	0.5	0.5	0.5	0.5
Lodging away from home[2]	1.183	1.2	-6.1	-3.0	3.7	-2.5
Housing at school, excluding board[13]	0.162	3.8	0.0	1.0	0.3	0.1
Other lodging away from home including hotels and motels	1.020	0.8	-7.1	-3.6	4.2	-2.9
Owners' equivalent rent of residences[13]	25.696	6.8	0.5	0.4	0.6	0.4

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, October 2023 — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022- Oct. 2023	Sep. 2023- Oct. 2023	Jul. 2023- Aug. 2023	Aug. 2023- Sep. 2023	Sep. 2023- Oct. 2023
Owners' equivalent rent of primary residence[13]	24.295	6.8	0.5	0.4	0.6	0.4
Tenants' and household insurance[1,2]	0.371	2.9	0.4	0.3	0.9	0.4
Water and sewer and trash collection services[2]	1.066	5.3	0.1	0.5	0.2	0.3
Water and sewerage maintenance	0.760	4.9	0.2	0.6	0.4	0.3
Garbage and trash collection[1,10]	0.305	6.5	0.1	0.2	-0.1	0.1
Household operations[1,2]	0.898	6.7		-1.1		
Domestic services[1,2]	0.265	5.1		-1.3		
Gardening and lawncare services[1,2]	0.328		-0.1		5.0	-0.1
Moving, storage, freight expense[1,2]	0.104	-3.8	-3.1	-1.9	-0.2	-3.1
Repair of household items[1,2]				-2.8	1.7	
Medical care services	6.324	-2.0	0.2	0.1	0.3	0.3
Professional services	3.521	0.7	-0.4	0.6	0.0	-0.3
Physicians' services[1]	1.782	-1.2	-1.0	0.1	0.0	-1.0
Dental services	0.916	4.9	0.3	1.6	0.0	0.5
Eyeglasses and eye care[1,6]	0.311	0.7	0.2	0.9	0.4	0.2
Services by other medical professionals[1,6]	0.513	0.1	0.0	-0.8	0.1	0.0
Hospital and related services[1]	2.278	5.6	1.0	0.8	1.2	1.0
Hospital services[1,14]	1.941		1.1	0.7	1.5	1.1
Inpatient hospital services[1,14,3]			0.9	0.7	1.5	0.9
Outpatient hospital services[1,3,6]			0.6	0.7	1.2	0.6
Nursing homes and adult day services[14]	0.188	5.4	0.4	0.8	-0.8	0.6
Care of invalids and elderly at home[1,5]	0.150	6.9	0.5	2.1	0.0	0.5
Health insurance[1,5]	0.525	-34.0	1.1	-3.6	-3.5	1.1
Transportation services	5.966	9.2	1.4	2.0	0.7	0.8
Leased cars and trucks[1,11]				1.1	-0.2	
Car and truck rental[2]	0.115	-9.6	-0.3	1.3	0.0	-1.5
Motor vehicle maintenance and repair[1]	1.138	9.6	0.2	1.1	0.2	0.2
Motor vehicle body work[1]	0.057	3.7	-0.7	0.4	0.0	-0.7
Motor vehicle maintenance and servicing[1]	0.581	6.3	0.3	0.9	0.1	0.3
Motor vehicle repair[1,2]	0.441	15.1	0.1	1.4	0.3	0.1
Motor vehicle insurance	2.770	19.2	2.3	2.4	1.3	1.9
Motor vehicle fees[1,2]	0.489	2.9	0.7	0.1	0.0	0.7
State motor vehicle registration and license fees[1,2]	0.273	1.8	0.0	0.0	0.0	0.0
Parking and other fees[1,2]	0.195	4.4	1.6	0.3	0.0	1.6
Parking fees and tolls[2,3]		5.4	0.2	1.5	0.0	0.6
Public transportation	0.713	-8.9	2.7	3.9	0.5	0.0
Airline fares	0.519	-13.2	3.8	4.9	0.3	-0.9
Other intercity transportation	0.049	0.4	-1.5	-0.8	-0.1	-0.7
Ship fare[1,2,3]		7.6	-0.8	1.3	0.0	-0.8
Intracity transportation[1]	0.141	3.4	0.2	-0.6	1.9	0.2
Intracity mass transit[1,3,8]		2.7	0.4	0.0	2.2	0.4
Recreation services[8]	3.116	5.7	0.0	-0.1	0.5	0.1
Video and audio services[8]	0.998	5.2	-0.4	0.6	0.2	-0.3
Cable, satellite, and live streaming television service[10]	0.881	5.5	-0.4	0.5	0.1	-0.3
Purchase, subscription, and rental of video[1,2]	0.117	3.1	-0.5	1.5	0.9	-0.5
Video discs and other media[1,2,3]		5.8	-2.0	1.4	2.9	-2.0
Subscription and rental of video and video games[1,2,3]		4.6	-0.1	0.1	0.1	-0.1
Pet services including veterinary[2]	0.551	7.3	0.4	-0.6	0.0	0.6
Pet services[1,2,3]		4.7	-0.4	0.9	-0.5	-0.4
Veterinarian services[2,3]		8.1	0.4	-1.2	0.8	0.6
Photographers and photo processing[1,2]	0.039	6.3	0.0	0.9	2.0	0.0

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022- Oct. 2023	Sep. 2023- Oct. 2023	Jul. 2023- Aug. 2023	Aug. 2023- Sep. 2023	Sep. 2023- Oct. 2023
Other recreation services[2]..............................	1.527	5.6	0.2	-0.4	0.9	0.2
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees[1,2]...	0.665	2.0	-0.7	0.1	-0.2	-0.7
Admissions[1]...	0.443	10.9	1.2	-0.3	3.0	1.2
Admission to movies, theaters, and concerts[1,2,3]...		4.5	0.0	-0.1	-0.4	0.0
Admission to sporting events[1,2,3]..................		25.1	3.6	0.2	7.7	3.6
Fees for lessons or instructions[1,6]....................	0.185	7.0	0.9	-2.5	0.1	0.9
Education and communication services[8]..................	4.794	2.3	0.0	0.1	0.1	0.0
Tuition, other school fees, and childcare................	2.155	2.9	-0.1	0.1	0.3	0.0
College tuition and fees.................................	1.173	1.5	-0.2	0.2	0.1	-0.2
Elementary and high school tuition and fees.........	0.311	5.1	0.2	-0.2	0.2	0.4
Day care and preschool[9].............................	0.571	4.8	0.1	0.2	0.9	0.1
Technical and business school tuition and fees[1,2]...	0.026	1.8	0.6	0.0	-0.1	0.6
Postage and delivery services[2]..........................	0.071	0.8	0.0	0.0	0.5	-0.9
Postage...	0.061	-0.1	0.0	-0.5	0.4	-1.3
Delivery services[2].....................................	0.011	6.0	-0.1	2.5	1.4	1.0
Telephone services[1,2]...................................	1.592	0.4	0.1	-0.2	-0.1	0.1
Wireless telephone services[1,2]........................	1.352	-0.4	0.0	-0.1	-0.1	0.0
Residential telephone services[1,8].....................	0.240	5.5	0.9	-0.5	-0.3	0.9
Internet services and electronic information providers[1,2]...	0.968	4.4	-0.1	0.4	-0.2	-0.1
Other personal services[1,8].................................	1.463	6.7	0.3	0.7	0.6	0.3
Personal care services[1]..................................	0.602	5.0	0.4	0.4	0.0	0.4
Haircuts and other personal care services[1,2]........	0.602	5.0	0.4	0.4	0.0	0.4
Miscellaneous personal services[1]........................	0.861	7.9	0.1	0.9	1.1	0.1
Legal services[1,6].......................................						
Funeral expenses[1,6]....................................	0.168	4.7	0.2	0.3	0.0	0.2
Laundry and dry cleaning services[1,2].................	0.142	6.2	0.3	0.6	0.1	0.3
Apparel services other than laundry and dry cleaning[1,2]..	0.027	5.8	-0.7	0.0	-1.0	-0.7
Financial services[1,6]....................................	0.182	5.8	0.3	-2.0	0.1	0.3
Checking account and other bank services[1,2,3]...		4.2	0.0	-0.8	3.2	0.0
Tax return preparation and other accounting fees[1,2,3]...		8.8		-2.4		

[1] Not seasonally adjusted.
[2] Indexes on a December 1997=100 base.
[3] Special index based on a substantially smaller sample.
[4] Indexes on a December 2007=100 base.
[5] Indexes on a December 2005=100 base.
[6] Indexes on a December 1986=100 base.
[7] Indexes on a December 1993=100 base.
[8] Indexes on a December 2009=100 base.
[9] Indexes on a December 1990=100 base.
[10] Indexes on a December 1983=100 base.
[11] Indexes on a December 2001=100 base.
[12] Indexes on a December 2019=100 base.
[13] Indexes on a December 1982=100 base.
[14] Indexes on a December 1996=100 base.

Table 3. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, special aggregate indexes, October 2023

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative impor- tance Sep. 2023	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Oct. 2022	Sep. 2023	Oct. 2023	Oct. 2022- Oct. 2023	Sep. 2023- Oct. 2023	Jul. 2023- Aug. 2023	Aug. 2023- Sep. 2023	Sep. 2023- Oct. 2023
All items less food...................................	86.628	295.344	305.162	304.877	3.2	-0.1	0.7	0.4	0.0
All items less shelter................................	65.137	276.154	280.869	280.313	1.5	-0.2	0.8	0.3	-0.1
All items less food and shelter.....................	51.765	266.355	270.034	269.140	1.0	-0.3	1.0	0.3	-0.2
All items less food, shelter, and energy..........	44.580	264.442	269.536	269.858	2.0	0.1	0.3	0.1	0.1
All items less food, shelter, energy, and used cars and trucks...................................	42.024	267.191	274.002	274.583	2.8	0.2	0.4	0.2	0.2
All items less medical care.........................	92.218	285.690	296.147	295.963	3.6	-0.1	0.7	0.4	0.0
All items less energy................................	92.815	300.807	311.990	312.616	3.9	0.2	0.3	0.3	0.2
Commodities...	38.241	223.747	225.866	224.696	0.4	-0.5	1.0	0.1	-0.4
Commodities less food, energy, and used cars and trucks...............................	18.398	162.553	164.988	164.879	1.4	-0.1	0.1	-0.1	0.0
Commodities less food...........................	24.868	183.714	183.416	181.643	-1.1	-1.0	1.4	0.0	-0.8
Commodities less food and beverages........	24.034	180.284	179.759	177.943	-1.3	-1.0	1.5	0.0	-0.9
Services...	61.759	370.542	388.274	389.278	5.1	0.3	0.4	0.6	0.3
Services less rent of shelter[1]....................	27.267	390.582	401.324	402.364	3.0	0.3	0.5	0.6	0.3
Services less medical care services...........	55.435	352.617	372.524	373.512	5.9	0.3	0.4	0.6	0.4
Durables...	12.216	127.903	125.849	125.259	-2.1	-0.5	-0.3	-0.4	-0.5
Nondurables...	26.025	273.337	279.363	277.852	1.7	-0.5	1.8	0.6	-0.7
Nondurables less food...........................	12.653	238.004	241.247	237.755	-0.1	-1.4	3.4	0.8	-1.4
Nondurables less food and beverages........	11.818	235.534	238.368	234.628	-0.4	-1.6	3.7	0.8	-1.6
Nondurables less food, beverages, and apparel...	9.263	306.647	309.078	303.128	-1.1	-1.9	4.6	1.4	-2.0
Nondurables less food and apparel............	10.097	302.476	305.553	300.228	-0.7	-1.7	4.2	1.3	-1.8
Housing..	44.568	307.816	323.563	323.964	5.2	0.1	0.3	0.6	0.3
Education and communication[2]....................	5.663	143.988	145.598	145.295	0.9	-0.2	0.0	0.1	-0.2
Education[2].......................................	2.248	286.449	294.357	294.084	2.7	-0.1	0.1	0.3	0.0
Communication[2].................................	3.415	74.745	74.827	74.614	-0.2	-0.3	-0.1	0.0	-0.3
Information and information processing[2]....	3.343	70.409	70.478	70.274	-0.2	-0.3	-0.1	0.0	-0.3
Information technology, hardware and services[3]......................................	1.751	7.129	7.104	7.056	-1.0	-0.7	-0.1	0.0	-0.7
Recreation[2]...	5.329	132.490	136.687	136.726	3.2	0.0	-0.2	0.4	0.1
Video and audio[2]................................	1.267	112.911	116.753	116.379	3.1	-0.3	0.2	0.2	-0.1
Pets, pet products and services[2]..............	1.214	208.107	218.417	218.853	5.2	0.2	-0.8	0.3	0.3
Photography[2].....................................	0.061	82.197	85.769	87.476	6.4	2.0	-0.3	2.2	2.2
Food and beverages................................	14.206	312.860	322.249	323.262	3.3	0.3	0.2	0.3	0.3
Domestically produced farm food...............	7.152	308.998	314.552	315.637	2.1	0.3	0.0	0.1	0.3
Other services.......................................	9.372	391.290	407.114	407.271	4.1	0.0	0.1	0.3	0.1
Apparel less footwear..............................	2.046	121.070	124.889	124.603	2.9	-0.2	0.0	-1.1	0.2
Fuels and utilities...................................	4.528	308.978	306.948	304.885	-1.3	-0.7	0.6	0.7	0.2
Household energy.................................	3.463	264.110	257.971	255.594	-3.2	-0.9	0.6	0.8	0.2
Medical care...	7.782	554.043	548.431	549.762	-0.8	0.2	0.2	0.2	0.3
Transportation.......................................	17.189	267.979	272.517	270.027	0.8	-0.9	2.6	0.3	-0.9
Private transportation............................	16.476	266.595	272.841	269.920	1.2	-1.1	2.6	0.3	-1.0
New and used motor vehicles[2]..............	7.889	128.523	127.194	126.347	-1.7	-0.7	-0.2	-0.8	-0.4
Utilities and public transportation.................	7.522	254.295	253.337	252.910	-0.5	-0.2	0.6	0.2	0.3
Household furnishings and operations...........	5.176	146.101	148.700	148.558	1.7	-0.1	0.2	0.2	-0.1
Other goods and services.........................	2.708	514.958	543.350	546.825	6.2	0.6	0.4	0.6	0.6
Personal care....................................	2.209	262.193	276.813	277.802	6.0	0.4	0.4	0.6	0.4

[1] Indexes on a December 1982=100 base.
[2] Indexes on a December 1997=100 base.
[3] Indexes on a December 1988=100 base.

Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index, October 2023
[1982-84=100, unless otherwise noted]

Area	Pricing Schedule[1]	Percent change to Oct. 2023 from:			Percent change to Sep. 2023 from:		
		Oct. 2022	Aug. 2023	Sep. 2023	Sep. 2022	Jul. 2023	Aug. 2023
U.S. city average………………………………………	M	3.2	0.2	0.0	3.7	0.7	0.2
Region and area size[2]							
Northeast………………………………………………	M	2.7	0.3	0.0	3.0	0.8	0.3
Northeast - Size Class A…………………………	M	3.3	0.2	-0.1	3.6	0.8	0.3
Northeast - Size Class B/C[3]……………………	M	1.9	0.4	0.0	2.2	0.7	0.3
New England[4]………………………………………	M	2.0	0.4	0.1	2.5	0.7	0.2
Middle Atlantic[4]…………………………………	M	2.9	0.2	-0.1	3.2	0.8	0.3
Midwest………………………………………………	M	2.9	0.0	-0.1	3.2	0.2	0.1
Midwest - Size Class A……………………………	M	2.8	0.1	0.0	2.8	-0.2	0.1
Midwest - Size Class B/C[3]………………………	M	3.0	-0.1	-0.2	3.4	0.5	0.0
East North Central[4]………………………………	M	2.5	-0.2	-0.1	2.9	-0.2	-0.1
West North Central[4]………………………………	M	3.8	0.3	-0.1	3.7	1.2	0.4
South…………………………………………………	M	3.7	0.1	-0.1	4.2	0.8	0.2
South - Size Class A………………………………	M	3.9	0.3	-0.1	4.5	1.0	0.4
South - Size Class B/C[3]…………………………	M	3.5	0.1	-0.1	4.0	0.7	0.2
South Atlantic[4]……………………………………	M	3.9	0.2	-0.1	4.5	0.9	0.3
East South Central[4]………………………………	M	4.2	0.1	-0.1	4.6	0.5	0.1
West South Central[4]………………………………	M	3.0	0.0	-0.1	3.3	0.8	0.1
West……………………………………………………	M	3.3	0.5	0.1	3.9	0.8	0.4
West - Size Class A…………………………………	M	3.4	0.4	0.1	4.0	0.8	0.3
West - Size Class B/C[3]……………………………	M	3.2	0.5	0.0	3.9	0.8	0.5
Mountain[4]……………………………………………	M	3.1	0.6	0.0	3.8	0.9	0.6
Pacific[4]………………………………………………	M	3.4	0.4	0.1	4.0	0.8	0.3
Size classes							
Size Class A[5]………………………………………	M	3.4	0.3	0.0	3.8	0.7	0.3
Size Class B/C[3]……………………………………	M	3.1	0.2	-0.1	3.6	0.7	0.2
Selected local areas							
Chicago-Naperville-Elgin, IL-IN-WI………………	M	2.4	0.4	0.3	2.3	0.3	0.1
Los Angeles-Long Beach-Anaheim, CA…………	M	2.4	0.2	-0.1	3.2	0.9	0.3
New York-Newark-Jersey City, NY-NJ-PA……………	M	3.5	0.3	-0.1	3.7	1.0	0.4
Atlanta-Sandy Springs-Roswell, GA…………………	2	3.2	-0.6				
Baltimore-Columbia-Towson, MD[6]…………………	2	2.2	-0.2				
Detroit-Warren-Dearborn, MI………………………	2	3.4	-1.3				
Houston-The Woodlands-Sugar Land, TX………………	2	3.0	-0.3				
Miami-Fort Lauderdale-West Palm Beach, FL…………	2	7.4	0.5				
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD………	2	3.5	0.2				
Phoenix-Mesa-Scottsdale, AZ[7]……………………	2	2.9	0.6				
San Francisco-Oakland-Hayward, CA…………………	2	2.8	0.3				
Seattle-Tacoma-Bellevue, WA………………………	2	4.8	0.4				
St. Louis, MO-IL……………………………………	2	3.1	0.0				
Urban Alaska…………………………………………	2	1.1	0.2				
Boston-Cambridge-Newton, MA-NH…………………	1				2.6	0.7	
Dallas-Fort Worth-Arlington, TX……………………	1				4.6	1.0	
Denver-Aurora-Lakewood, CO………………………	1				5.4	0.4	
Minneapolis-St.Paul-Bloomington, MN-WI……………	1				2.2	1.5	
Riverside-San Bernardino-Ontario, CA[4]……………	1				4.9	1.4	
San Diego-Carlsbad, CA……………………………	1				4.7	1.3	
Tampa-St. Petersburg-Clearwater, FL[8]……………	1				6.7	1.1	
Urban Hawaii…………………………………………	1				2.2	0.9	
Washington-Arlington-Alexandria, DC-VA-MD-WV[6]……	1				3.3	1.3	

[1] Foods, fuels, and several other items are priced every month in all areas. Most other goods and services are priced as indicated: M - Every month.
  1 - January, March, May, July, September, and November. 2 - February, April, June, August, October, and December.
[2] Regions defined as the four Census regions.

[3] Indexes on a December 1996=100 base.

[4] Indexes on a December 2017=100 base.

[5] Indexes on a December 1986=100 base.

[6] 1998 - 2017 indexes based on substantially smaller sample.

[7] Indexes on a December 2001=100 base.

[8] Indexes on a 1987=100 base.

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.

Table 5. Chained Consumer Price Index for All Urban Consumers (C-CPI-U) and the Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items index, October 2023

[Percent changes]

Month Year	Unadjusted 1-month percent change		Unadjusted 12-month percent change	
	C-CPI-U[1]	CPI-U	C-CPI-U[1]	CPI-U
December 2010............................			1.3	1.5
December 2011............................			2.9	3.0
December 2012............................			1.5	1.7
December 2013............................			1.3	1.5
December 2014............................			0.5	0.8
December 2015............................			0.4	0.7
December 2016............................			1.8	2.1
December 2017............................			1.7	2.1
December 2018............................			1.5	1.9
December 2019............................			1.8	2.3
December 2020............................			1.5	1.4
January 2021..............................	0.5	0.4	1.6	1.4
February 2021.............................	0.5	0.5	1.8	1.7
March 2021.................................	0.6	0.7	2.6	2.6
April 2021..................................	0.8	0.8	4.0	4.2
May 2021...................................	0.7	0.8	4.9	5.0
June 2021..................................	0.8	0.9	5.1	5.4
July 2021...................................	0.5	0.5	5.0	5.4
August 2021................................	0.1	0.2	4.8	5.3
September 2021............................	0.3	0.3	5.0	5.4
October 2021...............................	0.7	0.8	5.8	6.2
November 2021.............................	0.4	0.5	6.4	6.8
December 2021.............................	0.2	0.3	6.5	7.0
January 2022..............................	0.8	0.8	6.8	7.5
February 2022.............................	0.9	0.9	7.3	7.9
March 2022.................................	1.4	1.3	8.1	8.5
April 2022..................................	0.6	0.6	7.9	8.3
May 2022...................................	1.1	1.1	8.3	8.6
June 2022..................................	1.2	1.4	8.7	9.1
July 2022...................................	0.0	0.0	8.1	8.5
August 2022................................	-0.1	0.0	7.9	8.3
September 2022............................	0.3	0.2	7.9	8.2
October 2022...............................	0.5	0.4	7.6	7.7
November 2022.............................	-0.1	-0.1	7.0	7.1
December 2022.............................	-0.3	-0.3	6.4	6.5
January 2023..............................	0.8	0.8	6.4	6.4
February 2023.............................	0.6	0.6	6.0	6.0
March 2023.................................	0.3	0.3	4.9	5.0
April 2023..................................	0.5	0.5	4.8	4.9
May 2023...................................	0.2	0.3	3.9	4.0
June 2023..................................	0.3	0.3	3.0	3.0
July 2023...................................	0.2	0.2	3.2	3.2
August 2023................................	0.4	0.4	3.7	3.7
September 2023............................	0.2	0.2	3.7	3.7
October 2023...............................	0.0	0.0	3.1	3.2

[1] The C-CPI-U is designed to be a closer approximation to a cost-of-living index in that it, in its final form, accounts for any substitution that consumers make across item categories in response to changes in relative prices. Since the expenditure data required for the calculation of the C-CPI-U are available only with a time lag, the C-CPI-U is issued first in preliminary form using the latest available expenditure data at that time and is subject to four revisions.

Indexes are issued as initial estimates. Indexes are revised each quarter with the publication of January, April, July, and October data as updated expenditure estimates become available. The C-CPI-U indexes are updated quarterly until they become final. January-March indexes are final in January of the following year; April-June indexes are final in April of the following year; July-September indexes are final in July of the following year; October-December indexes are final in October of the following year.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023, 1-month analysis table
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
All items..	100.000	0.0		0.04	S-Jul.2022	0.0
Food..	13.372	0.3	0.040	0.09	L-Feb.2023	0.4
Food at home.....................................	8.552	0.3	0.022	0.13	L-Jul.2023	0.3
Cereals and bakery products................	1.157	0.2	0.002	0.28	L-Aug.2023	0.5
Cereals and cereal products...............	0.360	-0.3	-0.001	0.45	S-Aug.2023	-0.3
Flour and prepared flour mixes.........	0.061	0.9	0.001	0.99	L-Dec.2022	0.9
Breakfast cereal[4]......................	0.143	0.6	0.001	0.86	L-Jun.2023	1.1
Rice, pasta, cornmeal..................	0.155	-0.7	-0.001	0.59	S-May 2023	-1.2
Rice[4, 5, 6]............................		-0.9		0.80	L-Aug.2023	-0.3
Bakery products[4].......................	0.798	0.3	0.002	0.37	L-Aug.2023	0.5
Bread[4, 5]............................	0.224	1.0	0.002	0.56	L-Feb.2023	1.2
White bread[4, 6]...................		1.0		0.85	L-Mar.2023	1.0
Bread other than white[4, 6].........		1.1		0.78	L-Feb.2023	1.7
Fresh biscuits, rolls, muffins[5].........	0.117	0.4	0.000	0.87	L-Aug.2023	2.3
Cakes, cupcakes, and cookies[4]......	0.206	-1.0	-0.002	0.66	S-May 2021	-1.1
Cookies[4, 6]......................		-1.1		0.89	S-May 2021	-1.6
Fresh cakes and cupcakes[4, 6]......		-0.3		1.29	L-Aug.2023	1.0
Other bakery products................	0.251	0.7	0.002	0.79	L-Aug.2023	0.8
Fresh sweetrolls, coffeecakes, doughnuts[4, 6]....		1.5		0.99	L-Jun.2023	2.0
Crackers, bread, and cracker products[6].........		1.1		1.05	L-Jun.2023	1.1
Frozen and refrigerated bakery products, pies, tarts, turnovers[6]..................		0.7		1.31	L-Aug.2023	1.8
Meats, poultry, fish, and eggs...............	1.780	0.7	0.012	0.27	L-Aug.2023	0.8
Meats, poultry, and fish....................	1.670	0.7	0.012	0.28	L-Aug.2023	1.0
Meats...................................	1.044	1.0	0.011	0.34	L-Aug.2023	1.0
Beef and veal........................	0.460	1.2	0.005	0.54	L-Aug.2023	1.2
Uncooked ground beef[4].............	0.164	1.5	0.002	0.67	L-Jul.2023	1.5
Uncooked beef roasts[5].............	0.060	4.1	0.002	1.57	L-Jul.2023	6.5
Uncooked beef steaks[5].............	0.193	0.5	0.001	0.83	L-Aug.2023	2.4
Uncooked other beef and veal[4, 5]......	0.044	0.8	0.000	0.91	L-Jul.2023	3.6
Pork...................................	0.335	1.3	0.004	0.56	S-Jul.2023	0.0
Bacon, breakfast sausage, and related products[5].......................	0.144	1.3	0.002	0.80	S-Jul.2023	-0.3
Bacon and related products[6]..........		1.8		0.98	S-Jul.2023	-0.7
Breakfast sausage and related products[5, 6]...		0.1		1.08	L-Jul.2023	0.6
Ham...................................	0.068	0.5	0.000	1.28	L-Jul.2023	0.6
Ham, excluding canned[6].........		0.5		1.75	L-Jul.2023	0.5
Pork chops[4].........................	0.044	3.5	0.002	1.25	L-Oct.2021	5.0
Other pork including roasts, steaks, and ribs[5]...	0.078	1.5	0.001	1.18	S-Jun.2023	-3.3
Other meats...........................	0.249	0.4	0.001	0.54	S-Aug.2023	-0.9
Frankfurters[6]......................		2.0		1.63	S-Aug.2023	-3.1
Lunchmeats[4, 5, 6]..................		1.3		0.57	L-Mar.2023	1.3
Poultry[4].................................	0.347	0.3	0.001	0.60	S-Jul.2023	-0.4
Chicken[4, 5].........................	0.275	0.3	0.001	0.71	L-Aug.2023	1.3
Fresh whole chicken[4, 6].............		0.2		0.98	L-Aug.2023	2.1
Fresh and frozen chicken parts[4, 6]......		0.2		0.87	S-Jul.2023	-0.6
Other uncooked poultry including turkey[5]........	0.072	1.2	0.001	1.16	L-Jul.2023	3.1
Fish and seafood.......................	0.279	-0.1	0.000	0.62	L-Aug.2023	0.9
Fresh fish and seafood[4, 5].............	0.134	0.0	0.000	0.84	L-Aug.2023	0.5
Processed fish and seafood[5]...........	0.145	-0.4	-0.001	0.89	L-Aug.2023	0.8
Shelf stable fish and seafood[6].........		-1.0		1.31	S-May 2023	-1.7
Frozen fish and seafood[6].............		-1.1		1.04	S-Jul.2023	-1.5

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
Eggs[4].........................	0.110	0.1	0.000	0.83	S-Aug.2023	-2.5
Dairy and related products....................	0.780	0.3	0.003	0.32	L-Jul.2023	0.5
Milk[5]...........................	0.191	1.0	0.002	0.47	S-Aug.2023	0.1
Fresh whole milk[6]........................		1.6		0.62	L-May 2022	2.3
Fresh milk other than whole[5, 6].................		0.7		0.51	S-Aug.2023	0.2
Cheese and related products[4].....................	0.237	0.5	0.001	0.53	L-Jul.2023	0.5
Ice cream and related products....................	0.121	-1.4	-0.002	0.86	S-Nov.2021	-1.9
Other dairy and related products[5]...................	0.232	0.4	0.001	0.69	L-Jun.2023	0.5
Fruits and vegetables..........................	1.466	0.0	0.000	0.38	–	–
Fresh fruits and vegetables.......................	1.086	-0.3	-0.004	0.46	S-Mar.2023	-1.7
Fresh fruits..............................	0.580	0.5	0.003	0.65	L-Jun.2023	1.0
Apples.............................	0.085	-7.9	-0.007	1.14	S-Sep.1987	-10.6
Bananas[4]............................	0.089	-0.1	0.000	0.60	L-Aug.2023	0.0
Citrus fruits[5]...........................	0.172	2.9	0.005	1.19	L-Feb.2022	4.7
Oranges, including tangerines[6].................		3.1		1.53	L-Mar.2022	3.3
Other fresh fruits[5]........................	0.234	3.4	0.008	1.15	L-Jun.2023	4.7
Fresh vegetables...........................	0.505	-1.3	-0.006	0.47	S-Mar.2023	-1.7
Potatoes...........................	0.090	-2.7	-0.002	0.97	S-Jan.2023	-2.9
Lettuce............................	0.068	-1.1	-0.001	1.22	L-Aug.2023	-0.8
Tomatoes............................	0.080	-1.7	-0.001	1.08	S-Apr.2023	-2.0
Other fresh vegetables.....................	0.267	-0.3	-0.001	0.65	S-Mar.2023	-0.9
Processed fruits and vegetables[5]...................	0.380	1.0	0.004	0.45	L-May 2023	1.0
Canned fruits and vegetables[5]...................	0.195	1.1	0.002	0.73	L-Jul.2023	1.5
Canned fruits[5, 6].................................		0.1		0.82	S-Aug.2023	-1.2
Canned vegetables[5, 6]...........................		1.7		0.83	L-Jul.2023	2.0
Frozen fruits and vegetables[5].....................	0.111	0.4	0.000	0.72	S-Aug.2023	-0.3
Frozen vegetables[6]...............................		0.0		0.99	S-Aug.2023	-0.5
Other processed fruits and vegetables including dried[5].................................	0.075	1.5	0.001	0.70	L-May 2023	2.1
Dried beans, peas, and lentils[4, 5, 6]...............		1.8		0.82	L-May 2023	2.3
Nonalcoholic beverages and beverage materials.........	1.033	-0.1	-0.001	0.40	S-Aug.2023	-0.2
Juices and nonalcoholic drinks[5]........................	0.726	0.3	0.002	0.47	L-Aug.2023	0.3
Carbonated drinks..........................	0.303	0.9	0.003	0.84	L-Apr.2023	1.8
Frozen noncarbonated juices and drinks[4, 5]..........	0.009	2.0	0.000	0.97	S-Aug.2023	0.3
Nonfrozen noncarbonated juices and drinks[5].........	0.414	0.0	0.000	0.56	L-Aug.2023	0.0
Beverage materials including coffee and tea[5]...........	0.307	-0.6	-0.002	0.69	S-Aug.2023	-0.9
Coffee..................................	0.195	-0.6	-0.001	0.93	S-Aug.2023	-0.7
Roasted coffee[6]...................................		-0.8		1.09	S-Aug.2023	-1.1
Instant coffee[4, 6].................................		-1.1		1.03	S-Mar.2023	-2.4
Other beverage materials including tea[4, 5]...........	0.112	-1.5	-0.002	0.76	S-Mar.2017	-1.9
Other food at home...........................	2.337	0.3	0.007	0.23	–	–
Sugar and sweets[4]...........................	0.307	-0.5	-0.002	0.49	S-Jul.2020	-0.9
Sugar and sugar substitutes.........................	0.042	1.6	0.001	0.62	L-Jun.2023	1.8
Candy and chewing gum[4, 5]...........................	0.195	-0.7	-0.001	0.72	S-Apr.2022	-0.8
Other sweets[5].............................	0.070	-0.4	0.000	0.82	S-Mar.2023	-1.3
Fats and oils.............................	0.253	2.3	0.006	0.60	L-Jun.2022	2.3
Butter and margarine[5].................................	0.080	2.1	0.002	1.08	L-Oct.2022	2.2
Butter[6]...................................		2.1		1.34	S-Aug.2023	-1.8
Margarine[4, 6].................................		0.5		1.88	–	–
Salad dressing[5]..............................	0.060	1.7	0.001	1.21	L-Aug.2023	3.2
Other fats and oils including peanut butter[5]..........	0.114	2.3	0.003	0.86	L-Dec.2022	3.3
Peanut butter[4, 5, 6].................................		1.5		0.92	L-Feb.2023	2.5
Other foods.................................	1.776	0.1	0.003	0.27	S-Jun.2023	-0.5

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
Soups	0.104	0.1	0.000	1.22	L-Aug.2023	1.1
Frozen and freeze dried prepared foods	0.269	-0.7	-0.002	0.56	S-Jun.2023	-0.8
Snacks	0.376	0.0	0.000	0.62	S-Aug.2023	0.0
Spices, seasonings, condiments, sauces	0.358	1.2	0.004	0.48	L-Feb.2023	1.3
Salt and other seasonings and spices[5, 6]		1.7		0.91	L-Aug.2023	2.0
Olives, pickles, relishes[4, 5, 6]		1.9		1.19	L-Aug.2022	4.0
Sauces and gravies[5, 6]		0.7		0.76	L-Aug.2023	0.7
Other condiments[6]		0.1		1.27	L-Jul.2023	1.6
Baby food and formula[4, 5]	0.039	1.0	0.000	1.03	S-Aug.2023	0.4
Other miscellaneous foods[5]	0.630	0.0	0.000	0.60	S-Jul.2023	-0.2
Prepared salads[7, 6]		0.8		1.16	S-Aug.2023	-2.0
Food away from home[4]	4.820	0.4	0.018	0.12	–	–
Full service meals and snacks[4, 5]	2.301	0.3	0.007	0.13	S-Aug.2023	0.2
Limited service meals and snacks[4, 5]	2.245	0.5	0.012	0.15	L-May 2023	0.5
Food at employee sites and schools[4, 5]	0.075	0.2	0.000	1.84	S-Jul.2023	0.1
Food at elementary and secondary schools[4, 8, 6]		0.1		0.80	S-Jun.2023	0.0
Food from vending machines and mobile vendors[4, 5]	0.026	2.7	0.001	0.50	L-Oct.2022	3.7
Other food away from home[4, 5]	0.172	-0.9	-0.002	0.14	S-EVER	–
Energy	7.185	-2.5	-0.175	0.20	S-May 2023	-3.6
Energy commodities	3.915	-4.9	-0.190	0.17	S-May 2023	-5.6
Fuel oil and other fuels	0.192	-3.4	-0.007	1.27	S-May 2023	-5.3
Fuel oil[4]	0.136	-0.8	-0.001	1.80	S-May 2023	-7.7
Propane, kerosene, and firewood[9]	0.057	0.0	0.000	0.66	L-Aug.2023	1.5
Motor fuel	3.722	-4.9	-0.183	0.17	S-May 2023	-5.6
Gasoline (all types)	3.628	-5.0	-0.182	0.17	S-May 2023	-5.6
Gasoline, unleaded regular[6]		-5.7		0.73	S-Dec.2022	-7.1
Gasoline, unleaded midgrade[10, 6]		-3.2		0.62	S-May 2023	-5.1
Gasoline, unleaded premium[6]		-3.1		0.62	S-May 2023	-4.0
Other motor fuels[4, 5]	0.094	-1.1	-0.001	0.35	S-Jun.2023	-3.1
Energy services	3.270	0.5	0.015	0.43	S-Aug.2023	0.2
Electricity	2.562	0.3	0.006	0.40	S-Aug.2023	0.2
Utility (piped) gas service	0.709	1.2	0.008	0.69	L-Jul.2023	2.0
All items less food and energy	79.443	0.2	0.180	0.04	S-Jul.2023	0.2
Commodities less food and energy commodities	20.954	-0.1	-0.019	0.07	L-Aug.2023	-0.1
Household furnishings and supplies[11]	4.278	-0.2	-0.008	0.25	L-Aug.2023	0.3
Window and floor coverings and other linens[5]	0.305	-1.5	-0.005	1.13	S-Apr.2023	-1.7
Floor coverings[4, 5]	0.083	0.1	0.000	1.09	S-Aug.2023	-1.0
Window coverings[4, 5]	0.074	1.2	0.001	2.27	L-Aug.2023	6.8
Other linens[5]	0.148	-4.3	-0.006	1.59	S-Nov.2017	-4.5
Furniture and bedding[4]	1.107	1.4	0.015	0.50	L-Apr.2022	1.5
Bedroom furniture[4]	0.366	1.0	0.004	0.71	L-Jul.2022	1.2
Living room, kitchen, and dining room furniture[4, 5]	0.543	0.5	0.003	0.80	L-Mar.2023	0.6
Other furniture[5]	0.192	4.3	0.008	1.00	L-EVER	–
Appliances[5]	0.276	-1.2	-0.003	0.68	L-Aug.2023	-0.2
Major appliances[5]	0.097	-2.0	-0.002	1.08	S-Apr.2023	-3.4
Laundry equipment[4, 6]		-5.0		1.29	S-Oct.2022	-7.8
Other appliances[4, 5]	0.176	-1.4	-0.002	0.78	S-Nov.2021	-1.8
Other household equipment and furnishings[5]	0.566	-1.1	-0.006	0.63	S-May 2022	-1.5
Clocks, lamps, and decorator items[4]	0.317	-0.9	-0.003	0.99	S-Jun.2023	-1.4
Indoor plants and flowers[12]	0.126	1.3	0.002	0.84	S-Jul.2023	-1.8
Dishes and flatware[4, 5]	0.040	-1.1	0.000	1.37	S-Aug.2023	-1.2
Nonelectric cookware and tableware[5]	0.083	-2.0	-0.002	0.80	S-Mar.2023	-2.6

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
Tools, hardware, outdoor equipment and supplies[5]....	1.064	-1.1	-0.011	0.52	S-Jan.2021	-1.9
Tools, hardware and supplies[5].........................	0.270	-0.5	-0.001	0.59	S-Jun.2023	-0.9
Outdoor equipment and supplies[5].....................	0.560	-1.7	-0.010	0.63	S-Jan.2021	-2.2
Housekeeping supplies[4]................................	0.960	0.3	0.003	0.37	S-Aug.2023	-0.5
Household cleaning products[4, 5]........................	0.327	0.1	0.000	0.52	–	–
Household paper products[4, 5]..........................	0.177	0.2	0.000	0.52	L-Jul.2023	0.3
Miscellaneous household products[4, 5].................	0.456	0.4	0.002	0.52	S-Aug.2023	-1.1
Apparel...	2.555	0.1	0.002	0.34	L-Aug.2023	0.2
Men's and boys' apparel................................	0.670	0.5	0.004	0.57	S-Aug.2023	-0.6
Men's apparel.......................................	0.496	0.6	0.003	0.64	S-Aug.2023	-1.3
Men's suits, sport coats, and outerwear............	0.063	1.5	0.001	1.73	L-Apr.2023	1.7
Men's underwear, nightwear, swimwear, and accessories[4]...	0.180	-0.5	-0.001	0.75	S-Jul.2023	-1.0
Men's shirts and sweaters[5]..........................	0.124	0.7	0.001	1.19	L-Aug.2023	1.9
Men's pants and shorts.............................	0.119	0.9	0.001	1.37	S-Aug.2023	-1.1
Boys' apparel...	0.174	-0.2	0.000	1.09	L-Aug.2023	1.0
Women's and girls' apparel.............................	1.048	-0.2	-0.002	0.63	L-Aug.2023	0.7
Women's apparel.....................................	0.875	-0.1	-0.001	0.64	L-Aug.2023	1.1
Women's outerwear...............................	0.053	-5.9	-0.003	1.66	S-Apr.2020	-6.4
Women's dresses..................................	0.098	-3.1	-0.003	1.35	L-Aug.2023	3.2
Women's suits and separates[5].....................	0.398	1.1	0.004	1.02	L-Aug.2023	2.6
Women's underwear, nightwear, swimwear, and accessories[5].....................................	0.315	0.3	0.001	0.94	L-Jul.2023	0.7
Girls' apparel...	0.173	-0.8	-0.001	1.48	L-Jul.2023	2.4
Footwear...	0.509	-0.4	-0.002	0.43	S-Jul.2023	-0.8
Men's footwear[4]......................................	0.181	0.8	0.001	0.72	L-Jun.2023	0.8
Boys' and girls' footwear.............................	0.121	-0.7	-0.001	0.98	L-Aug.2023	2.6
Women's footwear....................................	0.207	-1.3	-0.003	0.63	S-May 2020	-2.1
Infants' and toddlers' apparel...........................	0.104	0.4	0.000	1.35	L-Jul.2023	1.3
Jewelry and watches[9]..................................	0.225	1.2	0.003	1.24	L-Feb.2023	1.5
Watches[4, 9]...	0.034	2.6	0.001	0.76	L-Dec.2021	3.4
Jewelry[9]...	0.190	1.1	0.002	1.66	L-Mar.2023	1.9
Transportation commodities less motor fuel[11]............	7.500	-0.4	-0.028	0.03	L-Aug.2023	-0.3
New vehicles..	4.237	-0.1	-0.004	0.04	S-Jul.2023	-0.1
New cars[6]...		0.0		0.11	S-Jul.2023	-0.1
New trucks[13, 6].....................................		-0.1		0.07	S-Jul.2023	-0.1
Used cars and trucks..................................	2.556	-0.8	-0.021	0.02	L-Jun.2023	-0.5
Motor vehicle parts and equipment[4]...................	0.467	-0.3	-0.002	0.37	L-Aug.2023	0.2
Tires[4]...	0.319	-0.2	0.000	0.47	L-Aug.2023	0.1
Vehicle accessories other than tires[4, 5]...............	0.148	-0.7	-0.001	0.68	S-Jul.2023	-1.3
Vehicle parts and equipment other than tires[4, 6]...		-1.0		0.86	S-Jul.2023	-1.7
Motor oil, coolant, and fluids[4, 6].....................		-0.5		0.65	L-Aug.2023	1.3
Medical care commodities[4]................................	1.458	0.4	0.006	0.21	L-Aug.2023	0.6
Medicinal drugs[4, 11]......................................	1.343	0.6	0.008	0.22	L-Aug.2023	0.6
Prescription drugs[4]...................................	0.933	0.8	0.008	0.16	L-Jan.2023	2.1
Nonprescription drugs[4, 11].............................	0.411	0.1	0.000	0.66	S-Jan.2023	-0.9
Medical equipment and supplies[4, 11]....................	0.115	-1.7	-0.002	0.75	S-Nov.2020	-5.3
Recreation commodities[11].................................	2.214	0.1	0.003	0.23	S-Aug.2023	-0.4
Video and audio products[11].............................	0.269	0.5	0.001	0.47	L-Apr.2023	0.7
Televisions..	0.130	0.7	0.001	0.66	L-Dec.2022	1.0
Other video equipment[5]...............................	0.016	-0.6	0.000	1.02	S-Aug.2023	-4.0
Audio equipment[4].....................................	0.053	0.6	0.000	0.92	S-Aug.2023	-1.3
Recorded music and music subscriptions[4, 5].........	0.060	0.5	0.000	0.58	L-Aug.2023	1.5

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
Pets and pet products[4].....................................	0.664	0.0	0.000	0.40	S-Aug.2023	-1.0
Pet food[4, 5, 6]....................................		0.1		0.50	S-Aug.2023	-0.1
Purchase of pets, pet supplies, accessories[4, 5, 6]....		0.1		0.77	S-Aug.2023	-2.6
Sporting goods[4]..	0.728	0.4	0.003	0.48	L-Jan.2023	0.5
Sports vehicles including bicycles[4]....................	0.420	0.5	0.002	0.67	L-Feb.2023	0.6
Sports equipment[4]......................................	0.299	0.3	0.001	0.57	–	–
Photographic equipment and supplies...................	0.020	6.8	0.001	0.84	L-EVER	–
Photographic equipment[5, 6]............................		7.0		0.99	L-EVER	–
Recreational reading materials[4]..........................	0.110	0.7	0.001	1.00	S-Aug.2023	-0.9
Newspapers and magazines[4, 5]........................	0.059	1.8	0.001	1.45	L-May 2023	3.1
Recreational books[4, 5]...................................	0.051	-0.5	0.000	1.00	S-Jun.2023	-2.4
Other recreational goods[5]...............................	0.423	-0.8	-0.003	0.57	S-Jul.2023	-2.4
Toys..	0.334	-0.9	-0.003	0.65	S-Jul.2023	-2.9
Toys, games, hobbies and playground equipment[5, 6].......................................		-1.0		0.72	S-Jul.2023	-3.3
Sewing machines, fabric and supplies[4, 5].............	0.025	-1.4	0.000	1.24	S-Jun.2023	-2.0
Music instruments and accessories[4, 5]................	0.053	-0.1	0.000	0.45	S-Aug.2023	-0.7
Education and communication commodities[11].............	0.869	-1.3	-0.011	0.61	S-Nov.2022	-1.7
Educational books and supplies[4]........................	0.092	-0.6	-0.001	0.67	S-Jun.2023	-1.4
College textbooks[4, 14, 6].................................		-0.3		0.95	S-Aug.2023	-1.7
Information technology commodities[11]..................	0.776	-1.4	-0.011	0.69	S-Jul.2023	-1.4
Computers, peripherals, and smart home assistants[4, 7]...	0.359	-0.8	-0.003	0.91	S-Aug.2023	-0.8
Computer software and accessories[4, 5]...............	0.022	-1.3	0.000	1.80	S-Aug.2023	-1.3
Telephone hardware, calculators, and other consumer information items[4, 5]......................	0.396	-1.9	-0.007	0.96	S-Feb.2023	-2.8
Smartphones[4, 6, 15]....................................		-2.1		1.18	S-Mar.2023	-2.6
Alcoholic beverages...	0.834	0.2	0.001	0.20	S-Aug.2023	0.0
Alcoholic beverages at home.............................	0.501	0.2	0.001	0.24	S-Aug.2023	0.1
Beer, ale, and other malt beverages at home........	0.192	0.7	0.001	0.39	S-Aug.2023	0.5
Distilled spirits at home[4].................................	0.086	-0.4	0.000	0.31	S-Mar.2023	-0.9
Whiskey at home[4, 6]..................................		-1.0		0.46	S-Sep.2022	-1.4
Distilled spirits, excluding whiskey, at home[4, 6]....		0.0		0.37	–	–
Wine at home[4]...	0.224	0.0	0.000	0.40	S-Jul.2023	0.0
Alcoholic beverages away from home[4]..................	0.333	0.2	0.001	0.25	S-Aug.2023	0.0
Beer, ale, and other malt beverages away from home[4, 5, 6]..		0.2		0.33	S-Jul.2023	0.1
Wine away from home[4, 5, 6]..........................		-0.1		0.41	S-Feb.2021	-0.1
Distilled spirits away from home[4, 5, 6].................		0.3		0.34	S-Aug.2023	0.0
Other goods[11]...	1.245	1.1	0.014	0.23	L-Aug.2022	1.2
Tobacco and smoking products[4].........................	0.498	1.9	0.009	0.23	L-Oct.2021	1.9
Cigarettes[4, 5]...	0.415	1.9	0.008	0.25	L-Oct.2021	2.1
Tobacco products other than cigarettes[4, 5]............	0.077	1.6	0.001	0.57	L-Apr.2023	2.5
Personal care products[4]..................................	0.604	0.4	0.002	0.35	–	–
Hair, dental, shaving, and miscellaneous personal care products[4, 5]...	0.320	0.1	0.000	0.45	S-Jan.2023	-0.3
Cosmetics, perfume, bath, nail preparations and implements[4]...	0.273	0.7	0.002	0.44	L-Jan.2023	1.0
Miscellaneous personal goods[4, 5]........................	0.142	1.2	0.002	0.90	S-Aug.2023	-2.3
Stationery, stationery supplies, gift wrap[6].............		3.5		0.94	L-Oct.2022	3.8
Services less energy services.................................	58.489	0.3	0.197	0.05	S-Jun.2023	0.3
Shelter...	34.863	0.3	0.116	0.06	S-Aug.2023	0.3
Rent of shelter[16]...	34.492	0.3	0.109	0.06	S-Aug.2023	0.3
Rent of primary residence..............................	7.614	0.5	0.038	0.05	–	–

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
Lodging away from home[5]	1.183	-2.5	-0.029	1.24	S-Aug.2023	-3.0
Housing at school, excluding board[16]	0.162	0.1	0.000	0.05	S-May 2023	0.1
Other lodging away from home including hotels and motels	1.020	-2.9	-0.029	1.42	S-Aug.2023	-3.6
Owners' equivalent rent of residences[16]	25.696	0.4	0.105	0.05	S-Aug.2023	0.4
Owners' equivalent rent of primary residence[16]	24.295	0.4	0.099	0.05	S-Aug.2023	0.4
Tenants' and household insurance[4, 5]	0.371	0.4	0.002	0.14	S-Aug.2023	0.3
Water and sewer and trash collection services[5]	1.066	0.3	0.003	0.12	L-Aug.2023	0.5
Water and sewerage maintenance	0.760	0.3	0.002	0.13	S-Jul.2023	0.2
Garbage and trash collection[4, 13]	0.305	0.1	0.000	0.16	L-Aug.2023	0.2
Household operations[4, 5]	0.898		0.002	0.23	–	–
Domestic services[4, 5]	0.265		0.005	0.31	–	–
Gardening and lawncare services[4, 5]	0.328	-0.1	0.000	0.13	S-Jun.2021	-0.4
Moving, storage, freight expense[4, 5]	0.104	-3.1	-0.003	0.88	S-Feb.2023	-3.2
Repair of household items[4, 5]						
Medical care services	6.324	0.3	0.020	0.10	–	–
Professional services	3.521	-0.3	-0.011	0.15	S-Feb.2023	-0.3
Physicians' services[4]	1.782	-1.0	-0.018	0.18	S-Apr.2017	-1.1
Dental services	0.916	0.5	0.005	0.25	L-Aug.2023	1.6
Eyeglasses and eye care[4, 9]	0.311	0.2	0.001	0.36	S-Jul.2023	0.0
Services by other medical professionals[4, 9]	0.513	0.0	0.000	0.21	S-Aug.2023	-0.8
Hospital and related services[4]	2.278	1.0	0.022	0.13	S-Aug.2023	0.8
Hospital services[4, 17]	1.941	1.1	0.021	0.15	S-Aug.2023	0.7
Inpatient hospital services[4, 17, 6]		0.9		0.28	S-Aug.2023	0.7
Outpatient hospital services[4, 9, 6]		0.6		0.28	S-Jul.2023	-0.3
Nursing homes and adult day services[17]	0.188	0.6	0.001	0.16	L-Aug.2023	0.8
Care of invalids and elderly at home[4, 8]	0.150	0.5	0.001	0.24	L-Aug.2023	2.1
Health insurance[4, 8]	0.525	1.1	0.006	0.10	L-Sep.2022	2.1
Transportation services	5.966	0.8	0.050	0.21	L-Aug.2023	2.0
Leased cars and trucks[4, 14]						
Car and truck rental[5]	0.115	-1.5	-0.002	1.18	S-May 2023	-3.3
Motor vehicle maintenance and repair[4]	1.138	0.2	0.002	0.40	–	–
Motor vehicle body work[4]	0.057	-0.7	0.000	0.30	S-Aug.2022	-1.2
Motor vehicle maintenance and servicing[4]	0.581	0.3	0.002	0.51	L-Aug.2023	0.9
Motor vehicle repair[4, 5]	0.441	0.1	0.000	0.64	S-Feb.2023	-0.3
Motor vehicle insurance	2.770	1.9	0.054	0.22	L-Aug.2023	2.4
Motor vehicle fees[4, 5]	0.489	0.7	0.003	0.22	L-Jul.2023	0.7
State motor vehicle registration and license fees[4, 5]	0.273	0.0	0.000	0.08	–	–
Parking and other fees[4, 5]	0.195	1.6	0.003	0.47	L-Sep.2020	1.8
Parking fees and tolls[5, 6]		0.6		0.52	L-Aug.2023	1.5
Public transportation	0.713	0.0	0.000	0.69	S-Jul.2023	-6.3
Airline fares	0.519	-0.9	-0.005	0.95	S-Jul.2023	-8.1
Other intercity transportation	0.049	-0.7	0.000	0.65	S-Aug.2023	-0.8
Ship fare[4, 5, 6]		-0.8		0.90	S-Nov.2022	-2.3
Intracity transportation[4]	0.141	0.2	0.000	0.60	S-Aug.2023	-0.6
Intracity mass transit[4, 11, 6]		0.4		0.07	S-Aug.2023	0.0
Recreation services[11]	3.116	0.1	0.003	0.20	S-Aug.2023	-0.1
Video and audio services[11]	0.998	-0.3	-0.003	0.21	S-Dec.2022	-0.5
Cable, satellite, and live streaming television service[13]	0.881	-0.3	-0.003	0.18	S-Dec.2022	-0.5
Purchase, subscription, and rental of video[4, 5]	0.117	-0.5	-0.001	0.91	S-Mar.2023	-1.2
Video discs and other media[4, 5, 6]		-2.0		1.97	S-Mar.2023	-4.0

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023, 1-month analysis table — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
Subscription and rental of video and video games[4, 5, 6].....................		-0.1		0.49	S-Jun.2023	-0.7
Pet services including veterinary[5].....................	0.551	0.6	0.003	0.31	L-Jul.2023	0.7
Pet services[4, 5, 6].....................		-0.4		0.53	L-Aug.2023	0.9
Veterinarian services[5, 6].....................		0.6		0.41	S-Aug.2023	-1.2
Photographers and photo processing[4, 5].....................	0.039	0.0	0.000	0.34	S-Jul.2023	0.0
Other recreation services[5].....................	1.527	0.2	0.002	0.29	S-Aug.2023	-0.4
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees[4, 5].....................	0.665	-0.7	-0.004	0.18	S-Jul.2020	-4.7
Admissions[4].....................	0.443	1.2	0.005	0.69	S-Aug.2023	-0.3
Admission to movies, theaters, and concerts[4, 5, 6].....................		0.0		0.54	L-Jul.2023	0.1
Admission to sporting events[4, 5, 6].....................		3.6		2.96	S-Aug.2023	0.2
Fees for lessons or instructions[4, 9].....................	0.185	0.9	0.002	0.38	L-Jul.2023	1.1
Education and communication services[11].....................	4.794	0.0	0.001	0.06	S-Jun.2023	-0.3
Tuition, other school fees, and childcare.....................	2.155	0.0	0.001	0.06	S-Aug.2021	0.0
College tuition and fees.....................	1.173	-0.2	-0.003	0.07	S-Sep.2022	-0.2
Elementary and high school tuition and fees......	0.311	0.4	0.001	0.09	L-Jul.2023	1.1
Day care and preschool[12].....................	0.571	0.1	0.000	0.19	S-Jun.2023	-0.2
Technical and business school tuition and fees[4, 5].....................	0.026	0.6	0.000	0.14	L-Aug.2022	0.9
Postage and delivery services[5].....................	0.071	-0.9	-0.001	0.06	S-Jul.2023	-1.0
Postage.....................	0.061	-1.3	-0.001	0.00	S-Apr.2016	-1.4
Delivery services[5].....................	0.011	1.0	0.000	0.48	S-Jul.2023	-0.7
Telephone services[4, 5].....................	1.592	0.1	0.002	0.06	L-Jul.2023	0.1
Wireless telephone services[4, 5].....................	1.352	0.0	0.000	0.04	L-Jul.2023	0.0
Residential telephone services[4, 11].....................	0.240	0.9	0.002	0.21	L-Jul.2023	0.9
Internet services and electronic information providers[4, 5].....................	0.968	-0.1	-0.001	0.21	L-Aug.2023	0.4
Other personal services[4, 11].....................	1.463	0.3	0.004	0.18	S-Jul.2023	-0.1
Personal care services[4].....................	0.602	0.4	0.003	0.34	L-Aug.2023	0.4
Haircuts and other personal care services[4, 5]......	0.602	0.4	0.003	0.34	L-Aug.2023	0.4
Miscellaneous personal services[4].....................	0.861	0.1	0.001	0.20	S-Jul.2023	-0.5
Legal services[4, 9].....................						
Funeral expenses[4, 9].....................	0.168	0.2	0.000	0.19	L-Aug.2023	0.3
Laundry and dry cleaning services[4, 5].....................	0.142	0.3	0.000	0.36	L-Aug.2023	0.6
Apparel services other than laundry and dry cleaning[4, 5].....................	0.027	-0.7	0.000	0.69	L-Aug.2023	0.0
Financial services[4, 9].....................	0.182	0.3	0.000	0.59	L-Jun.2023	1.6
Checking account and other bank services[4, 5, 6].....................		0.0		0.13	S-Aug.2023	-0.8
Tax return preparation and other accounting fees[4, 5, 6].....................				0.81	–	–
Special aggregate indexes						
All items less food.....................	86.628	0.0	0.005	0.04	S-Jul.2022	-0.2
All items less shelter.....................	65.137	-0.1	-0.071	0.05	S-May 2023	-0.1
All items less food and shelter.....................	51.765	-0.2	-0.111	0.06	S-May 2023	-0.2
All items less food, shelter, and energy.....................	44.580	0.1	0.064	0.05	–	–
All items less food, shelter, energy, and used cars and trucks.....................	42.024	0.2	0.085	0.06	–	–
All items less medical care.....................	92.218	0.0	0.019	0.04	S-Jul.2022	-0.1
All items less energy.....................	92.815	0.2	0.220	0.04	S-Jul.2023	0.2

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023, 1-month analysis table — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	One Month				
		Seasonally adjusted percent change Sep. 2023-Oct. 2023	Seasonally adjusted effect on All Items Sep. 2023-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) seasonally adjusted change since:[3]	
					Date	Percent change
Commodities...	38.241	-0.4	-0.169	0.06	S-Dec.2022	-0.7
Commodities less food, energy, and used cars and trucks...	18.398	0.0	0.002	0.09	L-Aug.2023	0.1
Commodities less food..	24.868	-0.8	-0.209	0.08	S-Dec.2022	-1.3
Commodities less food and beverages.....................	24.034	-0.9	-0.211	0.09	S-Dec.2022	-1.4
Services..	61.759	0.3	0.212	0.05	S-Jul.2023	0.3
Services less rent of shelter[16]..............................	27.267	0.3	0.081	0.08	S-Jul.2023	0.2
Services less medical care services........................	55.435	0.4	0.196	0.06	S-Aug.2023	0.4
Durables...	12.216	-0.5	-0.061	0.08	S-Dec.2022	-0.8
Nondurables..	26.025	-0.7	-0.192	0.08	S-Dec.2022	-0.7
Nondurables less food..	12.653	-1.4	-0.180	0.12	S-May 2023	-1.4
Nondurables less food and beverages.....................	11.818	-1.6	-0.190	0.13	S-Mar.2023	-2.3
Nondurables less food, beverages, and apparel...........	9.263	-2.0	-0.189	0.12	S-May 2023	-2.0
Nondurables less food and apparel.........................	10.097	-1.8	-0.179	0.11	S-May 2023	-1.8
Housing..	44.568	0.3	0.123	0.06	S-Aug.2023	0.3
Education and communication[5].............................	5.663	-0.2	-0.010	0.10	S-Jun.2023	-0.2
Education[5]...	2.248	0.0	0.000	0.07	S-Aug.2021	0.0
Communication[5]...	3.415	-0.3	-0.010	0.17	S-Jun.2023	-0.5
Information and information processing[5]..................	3.343	-0.3	-0.010	0.17	S-Jun.2023	-0.5
Information technology, hardware and services[18]........	1.751	-0.7	-0.012	0.34	S-Jul.2022	-0.7
Recreation[5]..	5.329	0.1	0.006	0.15	S-Aug.2023	-0.2
Video and audio[5]..	1.267	-0.1	-0.002	0.20	S-Jun.2023	-0.1
Pets, pet products and services[5]...........................	1.214	0.3	0.003	0.26	–	–
Photography[5]..	0.061	2.2	0.001	0.47	–	–
Food and beverages...	14.206	0.3	0.041	0.09	–	–
Domestically produced farm food[4].........................	7.152	0.3	0.025	0.14	L-Jul.2023	0.5
Other services..	9.372	0.1	0.007	0.08	S-Aug.2023	0.1
Apparel less footwear...	2.046	0.2	0.005	0.41	L-Jul.2023	0.2
Fuels and utilities..	4.528	0.2	0.011	0.33	S-Jul.2023	0.2
Household energy..	3.463	0.2	0.008	0.42	S-Jul.2023	0.1
Medical care..	7.782	0.3	0.026	0.09	L-Dec.2022	0.3
Transportation..	17.189	-0.9	-0.161	0.10	S-Dec.2022	-1.6
Private transportation...	16.476	-1.0	-0.161	0.10	S-Dec.2022	-1.7
New and used motor vehicles[5].............................	7.889	-0.4	-0.035	0.11	L-Aug.2023	-0.2
Utilities and public transportation...........................	7.522	0.3	0.026	0.20	L-Aug.2023	0.6
Household furnishings and operations.......................	5.176	-0.1	-0.004	0.21	S-Jul.2023	-0.1
Other goods and services....................................	2.708	0.6	0.017	0.15	–	–
Personal care[4]..	2.209	0.4	0.008	0.17	S-Aug.2023	0.4

[1] The 'effect' of an item category is a measure of that item's contribution to the All items price change. For example, if the Food index had an effect of 0.40, and the All items index rose 1.2 percent, then the increase in food prices contributed 0.40 / 1.2, or 33.3 percent, to that All items increase. Said another way, had food prices been unchanged for that month the change in the All items index would have been 1.2 percent minus 0.40, or 0.8 percent. Effects can be negative as well. For example, if the effect of food was a negative 0.1, and the All items index rose 0.5 percent, the All items index actually would have been 0.1 percent higher (or 0.6 percent) had food prices been unchanged. Since food prices fell while prices overall were rising, the contribution of food to the All items price change was negative (in this case, -0.1 / 0.5, or minus 20 percent).

[2] A statistic's margin of error is often expressed as its point estimate plus or minus two standard errors. For example, if a CPI category rose 0.6 percent, and its standard error was 0.15 percent, the margin of error on this item's 1-month percent change would be 0.6 percent, plus or minus 0.3 percent.

[3] If the current seasonally adjusted 1-month percent change is greater than the previous published 1-month percent change, then this column identifies the closest prior month with a 1-month percent change as (L)arge as or (L)arger than the current 1-month change. If the current 1-month percent change is smaller than the previous published 1-month percent change, the most recent month with a change as (S)mall or (S)maller than the current month change is identified. If the current and previous published 1-month percent changes are equal, a dash will appear. Standard numerical comparisons are used. For example, 0.8% is greater than 0.6%, -0.4% is less than -0.2%, and -0.2% is less than 0.0%. Note that a (L)arger change can be a smaller decline, for example, a -0.2% change is larger than a -0.4% change, but still represents a decline in the price index. Likewise, (S)maller changes can be increases, for example, a 0.6% change is smaller than 0.8%, but still represents an increase in the price index. In this context, a -0.2% change is considered to be smaller than a 0.0% change.

[4] Not seasonally adjusted.

[5] Indexes on a December 1997=100 base.

[6] Special indexes based on a substantially smaller sample. These series do not contribute to the all items index aggregation and therefore do not have a relative importance or effect.

[7] Indexes on a December 2007=100 base.

[8] Indexes on a December 2005=100 base.

[9] Indexes on a December 1986=100 base.

[10] Indexes on a December 1993=100 base.

[11] Indexes on a December 2009=100 base.

[12] Indexes on a December 1990=100 base.

[13] Indexes on a December 1983=100 base.

[14] Indexes on a December 2001=100 base.

[15] Indexes on a December 2019=100 base.

[16] Indexes on a December 1982=100 base.

[17] Indexes on a December 1996=100 base.

[18] Indexes on a December 1988=100 base.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023, 12-month analysis table
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022-Oct. 2023	Unadjusted effect on All Items Oct. 2022-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
All items..	100.000	3.2		0.12	S-Jul.2023	3.2
Food...	13.372	3.3	0.444	0.19	S-Jun.2021	2.4
Food at home.......................................	8.552	2.1	0.185	0.26	S-Jun.2021	0.9
Cereals and bakery products........................	1.157	4.2	0.048	0.54	S-Oct.2021	3.5
Cereals and cereal products.........................	0.360	2.5	0.009	0.87	S-Sep.2021	1.4
Flour and prepared flour mixes.....................	0.061	3.2	0.002	2.29	S-Aug.2021	2.6
Breakfast cereal....................................	0.143	3.5	0.005	1.37	S-Sep.2021	1.2
Rice, pasta, cornmeal..............................	0.155	1.4	0.002	1.09	S-Oct.2021	1.0
Rice[4, 5]...		1.0		1.25	S-Oct.2021	0.7
Bakery products....................................	0.798	4.9	0.038	0.69	S-Dec.2021	4.8
Bread[4]...	0.224	6.3	0.014	1.07	L-Aug.2023	6.3
White bread[5]...................................		7.1		1.29	S-Mar.2022	5.9
Bread other than white[5].........................		5.6		1.48	L-Jul.2023	8.0
Fresh biscuits, rolls, muffins[4]....................	0.117	5.7	0.006	1.60	S-Dec.2021	4.7
Cakes, cupcakes, and cookies......................	0.206	3.7	0.007	1.33	S-Nov.2021	3.4
Cookies[5].......................................		5.1		1.61	S-Dec.2021	2.1
Fresh cakes and cupcakes[5].......................		4.4		2.40	L-Aug.2023	7.5
Other bakery products..............................	0.251	4.4	0.011	1.36	S-Sep.2021	3.4
Fresh sweetrolls, coffeecakes, doughnuts[5]......		5.1		2.06	L-Jul.2023	5.4
Crackers, bread, and cracker products[5].........		6.0		1.86	S-Nov.2021	5.9
Frozen and refrigerated bakery products, pies, tarts, turnovers[5]................................		2.7		1.78	S-Sep.2021	0.3
Meats, poultry, fish, and eggs........................	1.780	0.4	0.007	0.47	L-Apr.2023	2.8
Meats, poultry, and fish.............................	1.670	2.4	0.040	0.49	L-Mar.2023	2.4
Meats...	1.044	4.0	0.042	0.54	L-Sep.2022	4.7
Beef and veal.....................................	0.460	8.9	0.038	0.84	L-May 2022	10.2
Uncooked ground beef...........................	0.164	7.9	0.012	1.09	L-Jul.2022	9.7
Uncooked beef roasts[4].........................	0.060	9.7	0.006	2.36	L-May 2022	11.0
Uncooked beef steaks[4].........................	0.193	10.6	0.019	1.39	L-Aug.2023	10.7
Uncooked other beef and veal[4]..................	0.044	4.1	0.002	1.90	L-Aug.2022	4.9
Pork..	0.335	0.3	0.001	1.08	L-Feb.2023	1.5
Bacon, breakfast sausage, and related products[4]....................................	0.144	-0.6	-0.001	1.30	L-Feb.2023	-0.3
Bacon and related products[5]...................		0.3		1.78	L-Oct.2022	2.1
Breakfast sausage and related products[4, 5]...		-1.2		1.96	L-Aug.2023	-1.2
Ham..	0.068	0.5	0.001	2.56	S-Jun.2021	-1.4
Ham, excluding canned[5]........................		0.4		2.65	S-Jun.2021	-1.2
Pork chops.......................................	0.044	4.3	0.002	1.97	L-Sep.2022	5.5
Other pork including roasts, steaks, and ribs[4]...	0.078	-0.6	0.000	2.44	L-Oct.2022	0.3
Other meats.......................................	0.249	0.9	0.002	1.03	S-Aug.2021	-0.5
Frankfurters[5]...................................		4.9		3.05	L-Mar.2023	5.8
Lunchmeats[4, 5].................................		0.2		1.25	S-Aug.2021	-0.3
Poultry...	0.347	1.1	0.004	1.28	L-Jun.2023	1.4
Chicken[4]..	0.275	-0.4	-0.001	1.34	L-Jun.2023	-0.1
Fresh whole chicken[5]...........................		2.3		2.82	L-Aug.2023	2.5
Fresh and frozen chicken parts[5]................		-1.5		1.75	L-May 2023	-0.7
Other uncooked poultry including turkey[4]........	0.072	7.2	0.005	2.65	L-Jul.2023	9.4
Fish and seafood...................................	0.279	-1.8	-0.005	1.00	S-Mar.2016	-2.7
Fresh fish and seafood[4]..........................	0.134	-3.6	-0.005	1.48	S-Jul.2015	-3.6
Processed fish and seafood[4].....................	0.145	0.0	0.000	1.31	–	–
Shelf stable fish and seafood[5]..................		4.3		1.98	S-Jun.2023	0.2
Frozen fish and seafood[5].......................		-1.9		1.78	S-Jul.2023	-1.9
Eggs...	0.110	-22.2	-0.033	2.30	S-Feb.2017	-23.6

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022-Oct. 2023	Unadjusted effect on All Items Oct. 2022-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
Dairy and related products..................................	0.780	-0.4	-0.003	0.63	S-Aug.2021	-0.5
Milk[4]..	0.191	-1.6	-0.003	1.05	L-May 2023	-0.8
Fresh whole milk[5]..		-2.2		1.33	L-Apr.2023	-0.1
Fresh milk other than whole[4, 5].........................		-0.9		1.24	–	–
Cheese and related products............................	0.237	-1.9	-0.005	0.90	L-Aug.2023	-1.7
Ice cream and related products.........................	0.121	1.8	0.002	1.67	S-Jan.2022	1.1
Other dairy and related products[4]......................	0.232	1.1	0.002	1.16	S-Aug.2021	-0.1
Fruits and vegetables..................................	1.466	1.1	0.017	0.64	L-Aug.2023	2.1
Fresh fruits and vegetables..............................	1.086	-0.1	-0.001	0.78	L-Aug.2023	0.8
Fresh fruits..	0.580	1.8	0.011	1.09	L-Jan.2023	3.0
Apples..	0.085	-3.9	-0.003	1.97	S-Aug.2020	-7.3
Bananas..	0.089	1.5	0.001	1.38	L-Apr.2023	2.7
Citrus fruits[4]...	0.172	1.1	0.003	2.19	L-Jan.2023	3.7
Oranges, including tangerines[5]....................		0.2		2.24	L-Jan.2023	4.8
Other fresh fruits[4]......................................	0.234	3.9	0.010	1.87	L-Nov.2022	5.5
Fresh vegetables..	0.505	-2.2	-0.012	0.87	S-Apr.2018	-2.5
Potatoes...	0.090	-3.3	-0.003	1.49	S-Jun.2021	-4.7
Lettuce..	0.068	-4.5	-0.005	1.85	S-Jun.2018	-7.2
Tomatoes..	0.080	-2.7	-0.003	2.00	S-May 2023	-3.5
Other fresh vegetables................................	0.267	-0.7	-0.002	1.11	S-Jul.2021	-1.0
Processed fruits and vegetables[4]......................	0.380	4.8	0.018	0.74	S-Dec.2021	4.4
Canned fruits and vegetables[4]......................	0.195	3.2	0.006	1.14	S-Sep.2021	2.4
Canned fruits[4, 5]...		3.0		1.47	S-Dec.2021	2.9
Canned vegetables[4, 5]...............................		3.3		1.60	L-Aug.2023	4.9
Frozen fruits and vegetables[4].......................	0.111	8.0	0.008	1.47	S-Apr.2022	7.9
Frozen vegetables[5]...................................		10.7		2.04	S-Jul.2022	10.7
Other processed fruits and vegetables including dried[4]...	0.075	4.7	0.003	1.53	L-Aug.2023	4.9
Dried beans, peas, and lentils[4, 5].................		1.1		2.63	L-Jul.2023	1.4
Nonalcoholic beverages and beverage materials.........	1.033	3.3	0.034	0.62	S-Aug.2021	2.0
Juices and nonalcoholic drinks[4]..........................	0.726	3.9	0.028	0.88	S-Sep.2021	3.9
Carbonated drinks.......................................	0.303	3.1	0.009	1.51	S-Aug.2021	2.0
Frozen noncarbonated juices and drinks[4].............	0.009	22.1	0.002	1.75	L-EVER	–
Nonfrozen noncarbonated juices and drinks[4].........	0.414	4.1	0.017	1.14	S-Nov.2021	3.7
Beverage materials including coffee and tea[4]..........	0.307	1.8	0.005	1.07	S-Jul.2021	1.6
Coffee..	0.195	0.4	0.001	1.50	S-Apr.2021	0.0
Roasted coffee[5]..		-0.2		1.67	S-Apr.2021	-0.2
Instant coffee[5]...		0.7		2.12	S-Jul.2023	0.6
Other beverage materials including tea[4]..............	0.112	4.3	0.005	1.52	S-Feb.2022	3.7
Other food at home..	2.337	3.6	0.084	0.42	S-Sep.2021	3.1
Sugar and sweets...	0.307	5.2	0.016	1.29	S-Dec.2021	4.6
Sugar and sugar substitutes...........................	0.042	8.8	0.004	1.15	L-Aug.2023	8.8
Candy and chewing gum[4]..............................	0.195	5.9	0.011	1.67	S-Jan.2022	4.8
Other sweets[4]..	0.070	1.3	0.001	2.14	S-Jun.2021	0.0
Fats and oils...	0.253	2.8	0.007	1.33	L-Aug.2023	4.7
Butter and margarine[4]....................................	0.080	-2.9	-0.002	1.78	S-Dec.2016	-3.7
Butter[5]...		-3.7		2.76	L-Jul.2023	-1.1
Margarine[5]..		-0.6		2.94	S-Dec.2019	-2.0
Salad dressing[4]...	0.060	4.0	0.002	1.80	S-Jul.2021	3.8
Other fats and oils including peanut butter[4]..........	0.114	6.3	0.007	2.15	L-Jul.2023	7.9
Peanut butter[4, 5]...		2.8		2.67	L-Apr.2023	4.4
Other foods..	1.776	3.4	0.061	0.49	S-Sep.2021	2.6
Soups..	0.104	-0.1	0.000	2.49	L-Aug.2023	4.0
Frozen and freeze dried prepared foods...........	0.269	1.2	0.003	1.18	S-Jun.2021	0.2

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022-Oct. 2023	Unadjusted effect on All Items Oct. 2022-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
Snacks…………………………………………	0.376	3.1	0.012	1.08	S-Aug.2023	2.9
Spices, seasonings, condiments, sauces…………	0.358	5.6	0.020	0.88	L-Jul.2023	6.2
Salt and other seasonings and spices[4, 5]………		4.1		1.57	L-Jun.2023	4.3
Olives, pickles, relishes[4, 5]……………………		4.3		1.92	L-Jul.2023	8.5
Sauces and gravies[4, 5]…………………………		7.5		1.85	L-Jun.2023	10.1
Other condiments[5]………………………………		5.9		2.25	S-Nov.2022	5.2
Baby food and formula[4]…………………………	0.039	8.3	0.003	1.74	S-Jul.2023	5.9
Other miscellaneous foods[4]……………………	0.630	3.6	0.022	0.87	S-Sep.2021	3.5
Prepared salads[6, 5]……………………………		2.8		1.97	L-May 2023	4.2
Food away from home………………………………	4.820	5.4	0.259	0.41	S-Oct.2021	5.3
Full service meals and snacks[4]…………………	2.301	4.3	0.100	0.46	S-Jul.2021	4.3
Limited service meals and snacks[4]……………	2.245	6.2	0.139	0.44	S-Jun.2021	6.2
Food at employee sites and schools[4]…………	0.075	5.4	0.004	8.16	S-Jul.2022	-13.9
Food at elementary and secondary schools[7, 5]………				67.80	S-May 2022	-43.5
Food from vending machines and mobile vendors[4]………	0.026	14.9	0.004	1.67	S-Jul.2023	14.0
Other food away from home[4]……………………	0.172	7.3	0.012	0.74	S-Jul.2023	5.9
Energy………………………………………………	7.185	-4.5	-0.386	0.49	S-Jul.2023	-12.5
Energy commodities………………………………	3.915	-6.2	-0.308	0.51	S-Jul.2023	-20.3
Fuel oil and other fuels…………………………	0.192	-17.1	-0.042	1.65	S-Jul.2023	-21.2
Fuel oil……………………………………………	0.136	-21.4	-0.038	2.30	S-Jul.2023	-26.5
Propane, kerosene, and firewood[8]……………	0.057	-6.4	-0.004	1.75	L-May 2023	-6.1
Motor fuel………………………………………	3.722	-5.6	-0.266	0.54	S-Jul.2023	-20.2
Gasoline (all types)……………………………	3.628	-5.3	-0.254	0.55	S-Jul.2023	-19.9
Gasoline, unleaded regular[5]…………………		-5.6		0.88	S-Jul.2023	-20.3
Gasoline, unleaded midgrade[9, 5]……………		-3.3		0.96	S-Aug.2023	-3.3
Gasoline, unleaded premium[5]………………		-3.7		0.95	S-Jul.2023	-16.8
Other motor fuels[4]……………………………	0.094	-11.8	-0.012	0.77	S-Aug.2023	-15.4
Energy services…………………………………	3.270	-2.3	-0.077	0.83	L-Jul.2023	-1.1
Electricity………………………………………	2.562	2.4	0.060	1.16	S-Aug.2023	2.1
Utility (piped) gas service………………………	0.709	-15.8	-0.137	1.15	L-Jul.2023	-13.7
All items less food and energy……………………	79.443	4.0	3.183	0.13	S-Sep.2021	4.0
Commodities less food and energy commodities…………	20.954	0.1	0.028	0.22	L-Aug.2023	0.2
Household furnishings and supplies[10]…………	4.278	0.7	0.030	0.58	S-Apr.2020	0.6
Window and floor coverings and other linens[4]………	0.305	-3.6	-0.011	2.38	S-Feb.2021	-3.8
Floor coverings[4]………………………………	0.083	1.1	0.001	3.67	L-Jul.2023	4.9
Window coverings[4]……………………………	0.074	5.4	0.004	4.81	L-Feb.2023	9.7
Other linens[4]…………………………………	0.148	-9.6	-0.016	3.57	S-Dec.2016	-9.6
Furniture and bedding…………………………	1.107	-2.9	-0.032	1.48	L-Jul.2023	-2.8
Bedroom furniture………………………………	0.366	-0.1	0.000	1.94	L-May 2023	1.0
Living room, kitchen, and dining room furniture[4]……	0.543	-4.4	-0.025	2.32	L-Jun.2023	-2.1
Other furniture[4]………………………………	0.192	-3.6	-0.007	2.83	L-Aug.2023	-2.9
Appliances[4]……………………………………	0.276	-2.0	-0.006	1.60	S-Jan.2020	-2.1
Major appliances[4]……………………………	0.097	-9.6	-0.010	3.05	S-Jul.2023	-9.9
Laundry equipment[5]…………………………		-10.9		2.53	L-Jul.2023	-6.8
Other appliances[4]……………………………	0.176	2.7	0.005	1.96	S-Dec.2022	1.9
Other household equipment and furnishings[4]…………	0.566	-0.9	-0.004	1.93	S-Mar.2023	-1.0
Clocks, lamps, and decorator items………………	0.317	-1.2	-0.004	3.33	S-Mar.2023	-3.0
Indoor plants and flowers[11]…………………	0.126	3.5	0.004	1.84	L-Apr.2023	4.4
Dishes and flatware[4]…………………………	0.040	-3.1	-0.002	3.50	L-Jul.2023	-0.9
Nonelectric cookware and tableware[4]…………	0.083	-3.0	-0.002	2.19	S-Aug.2023	-4.2
Tools, hardware, outdoor equipment and supplies[4]….	1.064	4.2	0.042	1.32	S-Sep.2021	3.2
Tools, hardware and supplies[4]………………	0.270	2.1	0.006	1.71	S-Oct.2020	2.0
Outdoor equipment and supplies[4]……………	0.560	6.0	0.030	1.65	S-Sep.2021	2.3

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022-Oct. 2023	Unadjusted effect on All Items Oct. 2022-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
Housekeeping supplies..	0.960	4.3	0.041	0.80	S-Jan.2022	3.5
Household cleaning products[4]...........................	0.327	4.6	0.015	1.17	S-Jan.2022	3.3
Household paper products[4].............................	0.177	6.3	0.013	1.35	S-Feb.2022	5.4
Miscellaneous household products[4]...................	0.456	3.0	0.014	1.41	S-Dec.2021	1.8
Apparel..	2.555	2.6	0.071	0.80	L-Aug.2023	3.1
Men's and boys' apparel...................................	0.670	5.3	0.036	1.45	L-Jul.2022	6.1
Men's apparel...	0.496	5.0	0.025	1.65	L-Jul.2022	6.6
Men's suits, sport coats, and outerwear............	0.063	-3.8	-0.003	4.48	L-Jul.2023	-0.8
Men's underwear, nightwear, swimwear, and accessories..	0.180	5.3	0.010	1.84	S-Aug.2023	5.2
Men's shirts and sweaters[4]...........................	0.124	6.7	0.008	3.58	L-Jul.2022	7.1
Men's pants and shorts.................................	0.119	8.1	0.009	2.80	–	–
Boys' apparel...	0.174	6.5	0.011	2.56	L-Aug.2022	7.4
Women's and girls' apparel...............................	1.048	1.3	0.019	1.46	S-Sep.2021	0.6
Women's apparel...	0.875	1.6	0.019	1.64	S-Sep.2021	0.8
Women's outerwear.....................................	0.053	3.7	0.001	3.41	S-Feb.2023	-0.4
Women's dresses..	0.098	-0.5	0.000	3.22	S-Jan.2023	-4.2
Women's suits and separates[4]......................	0.398	2.8	0.012	2.03	L-Jun.2023	3.0
Women's underwear, nightwear, swimwear, and accessories[4]...................................	0.315	0.9	0.005	3.55	S-Apr.2021	0.8
Girls' apparel...	0.173	-0.4	0.000	3.35	L-Aug.2023	3.5
Footwear...	0.509	1.1	0.004	1.11	L-Nov.2022	2.3
Men's footwear...	0.181	0.8	0.001	1.63	L-Nov.2022	2.4
Boys' and girls' footwear................................	0.121	1.0	0.001	2.71	S-Aug.2023	0.9
Women's footwear...	0.207	1.8	0.001	1.66	S-Aug.2023	0.5
Infants' and toddlers' apparel............................	0.104	4.4	0.004	3.96	L-Jul.2023	5.7
Jewelry and watches[8].....................................	0.225	3.1	0.008	2.61	L-Aug.2023	5.5
Watches[8]..	0.034	0.1	0.000	4.24	L-Jul.2023	0.9
Jewelry[8]...	0.190	3.7	0.008	3.21	L-Aug.2023	6.6
Transportation commodities less motor fuel[10].............	7.500	-2.1	-0.175	0.30	L-Aug.2023	-1.9
New vehicles...	4.237	1.9	0.080	0.63	S-Mar.2021	1.5
New cars[5]..		1.3		1.00	S-Mar.2021	1.3
New trucks[12, 5]...		2.0		0.94	S-Mar.2021	1.7
Used cars and trucks......................................	2.556	-7.1	-0.248	0.12	L-Aug.2023	-6.6
Motor vehicle parts and equipment......................	0.467	-1.0	-0.005	1.28	S-Jan.2017	-1.2
Tires..	0.319	-0.6	-0.003	1.35	–	–
Vehicle accessories other than tires[4]..................	0.148	-1.7	-0.003	2.38	S-EVER	–
Vehicle parts and equipment other than tires[5].....		-1.3		2.81	S-Dec.1994	-1.3
Motor oil, coolant, and fluids[5].........................		-5.0		2.06	S-Feb.2021	-5.0
Medical care commodities....................................	1.458	4.7	0.068	0.62	L-Jan.2017	4.7
Medicinal drugs[10]..	1.343	4.6	0.061	0.64	L-Jan.2017	4.8
Prescription drugs...	0.933	3.1	0.030	0.64	L-Jun.2023	3.1
Nonprescription drugs[10]................................	0.411	8.1	0.032	1.49	S-Aug.2023	7.5
Medical equipment and supplies[10]......................	0.115	6.4	0.007	1.66	S-Oct.2022	5.1
Recreation commodities[10]..................................	2.214	-0.4	-0.006	0.62	S-Nov.2020	-1.0
Video and audio products[10]..............................	0.269	-4.6	-0.013	1.07	S-Jul.2023	-4.6
Televisions...	0.130	-9.4	-0.013	1.13	L-Apr.2022	-5.8
Other video equipment[4]................................	0.016	-3.6	-0.001	2.94	L-Jul.2023	-0.6
Audio equipment..	0.053	-3.5	-0.003	2.97	S-Dec.2021	-5.0
Recorded music and music subscriptions[4]...........	0.060	5.4	0.003	1.26	S-Jul.2023	4.3
Pets and pet products......................................	0.664	3.5	0.022	1.06	S-Dec.2021	2.7
Pet food[4, 5]...		6.5		1.44	S-Mar.2022	5.9
Purchase of pets, pet supplies, accessories[4, 5]......		-1.2		1.87	S-Mar.2021	-2.7
Sporting goods..	0.728	-1.2	-0.008	1.29	S-Aug.2023	-1.2

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022-Oct. 2023	Unadjusted effect on All Items Oct. 2022-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
Sports vehicles including bicycles......................	0.420	-0.3	-0.001	2.06	S-Aug.2023	-0.7
Sports equipment...	0.299	-2.5	-0.007	1.60	–	–
Photographic equipment and supplies...................	0.020	6.9	0.001	3.12	L-Apr.2023	6.9
Photographic equipment[4, 5].............................		6.9		4.24	L-Oct.2021	7.3
Recreational reading materials..........................	0.110	0.2	0.000	1.71	L-May 2023	2.9
Newspapers and magazines[4]..........................	0.059	-0.8	0.000	2.69	L-Jun.2023	0.7
Recreational books[4]....................................	0.051	1.8	0.001	2.26	L-Jun.2022	2.6
Other recreational goods[4]..............................	0.423	-2.1	-0.009	1.45	S-Feb.2021	-2.8
Toys..	0.334	-3.7	-0.013	1.66	S-Jan.2021	-4.1
Toys, games, hobbies and playground equipment[4, 5]..		-3.9		2.97	S-Sep.2020	-4.4
Sewing machines, fabric and supplies[4]..............	0.025	5.0	0.001	3.77	L-Jan.2023	8.7
Music instruments and accessories[4]..................	0.053	7.2	0.004	1.91	S-Apr.2023	5.9
Education and communication commodities[10].............	0.869	-7.1	-0.062	1.55	L-Jun.2023	-7.1
Educational books and supplies........................	0.092	-3.2	-0.003	2.75	S-Aug.2023	-3.4
College textbooks[13, 5].................................		-4.7		2.11	S-Aug.2023	-5.2
Information technology commodities[10]..................	0.776	-7.6	-0.059	1.94	L-May 2023	-7.6
Computers, peripherals, and smart home assistants[6]..	0.359	-5.7	-0.019	3.10	S-Mar.2023	-5.8
Computer software and accessories[4]..................	0.022	-8.5	-0.002	3.17	L-Jul.2023	-7.3
Telephone hardware, calculators, and other consumer information items[4]........................	0.396	-8.7	-0.037	2.23	L-Feb.2022	-7.7
Smartphones[5, 14]......................................		-12.0		3.27	L-EVER	–
Alcoholic beverages..	0.834	3.7	0.031	0.56	S-Aug.2023	3.7
Alcoholic beverages at home............................	0.501	2.7	0.014	0.65	S-Aug.2023	2.4
Beer, ale, and other malt beverages at home........	0.192	4.7	0.010	0.85	–	–
Distilled spirits at home................................	0.086	2.1	0.002	0.64	S-Aug.2023	2.0
Whiskey at home[5]....................................		3.1		1.47	S-Aug.2023	2.3
Distilled spirits, excluding whiskey, at home[5]......		1.2		1.03	S-Oct.2022	0.4
Wine at home..	0.224	1.1	0.002	1.04	S-Aug.2023	1.0
Alcoholic beverages away from home...................	0.333	5.3	0.017	1.01	S-Apr.2022	5.1
Beer, ale, and other malt beverages away from home[4, 5]..		5.2		1.15	S-Aug.2023	5.2
Wine away from home[4, 5]...............................		5.3		1.11	S-Apr.2022	5.0
Distilled spirits away from home[4, 5]..................		7.0		1.24	S-Apr.2023	6.7
Other goods[10]..	1.245	5.6	0.070	0.49	L-Jul.2023	6.1
Tobacco and smoking products..........................	0.498	7.2	0.036	0.73	L-Sep.2022	8.2
Cigarettes[4]...	0.415	7.6	0.031	0.72	L-Sep.2022	8.4
Tobacco products other than cigarettes[4]..............	0.077	5.3	0.004	1.50	L-Jun.2023	6.0
Personal care products...................................	0.604	5.1	0.031	0.66	–	–
Hair, dental, shaving, and miscellaneous personal care products[4]......................................	0.320	6.6	0.021	0.81	S-Jun.2022	6.0
Cosmetics, perfume, bath, nail preparations and implements...	0.273	3.6	0.009	0.99	L-Jul.2023	5.0
Miscellaneous personal goods[4].........................	0.142	2.2	0.004	2.04	S-Aug.2023	2.2
Stationery, stationery supplies, gift wrap[5].............		5.8		3.36	S-Aug.2023	5.5
Services less energy services................................	58.489	5.5	3.155	0.16	S-Jul.2022	5.5
Shelter..	34.863	6.7	2.259	0.23	S-Sep.2022	6.6
Rent of shelter[15]...	34.492	6.8	2.248	0.24	S-Sep.2022	6.7
Rent of primary residence.............................	7.614	7.2	0.530	0.21	S-Sep.2022	7.2
Lodging away from home[4]............................	1.183	1.2	0.023	2.31	S-Jul.2022	1.0
Housing at school, excluding board[15]..............	0.162	3.8	0.006	0.31	S-Aug.2023	3.6
Other lodging away from home including hotels and motels..	1.020	0.8	0.017	2.63	S-Mar.2021	-7.6
Owners' equivalent rent of residences[15]..............	25.696	6.8	1.695	0.24	S-Sep.2022	6.7

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022- Oct. 2023	Unadjusted effect on All Items Oct. 2022- Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
Owners' equivalent rent of primary residence[15]...	24.295	6.8	1.604	0.24	S-Sep.2022	6.7
Tenants' and household insurance[4]...................	0.371	2.9	0.011	0.68	L-Jun.2015	3.1
Water and sewer and trash collection services[4]........	1.066	5.3	0.056	0.37	L-Aug.2023	5.8
Water and sewerage maintenance....................	0.760	4.9	0.037	0.44	L-Jun.2023	4.9
Garbage and trash collection[12].........................	0.305	6.5	0.019	0.80	S-Dec.2022	6.1
Household operations[4]....................................	0.898	6.7	0.058	0.80	L-Apr.2023	8.0
Domestic services[4]...................................	0.265	5.1	0.014	1.50	L-Jun.2023	7.5
Gardening and lawncare services[4]..................	0.328		0.023	0.42	–	–
Moving, storage, freight expense[4]....................	0.104	-3.8	-0.004	3.46	S-Jul.2017	-3.8
Repair of household items[4]............................						
Medical care services....................................	6.324	-2.0	-0.132	0.39	L-Jul.2023	-1.5
Professional services....................................	3.521	0.7	0.025	0.52	S-May 2019	0.7
Physicians' services.................................	1.782	-1.2	-0.023	0.85	S-Feb.2018	-1.3
Dental services.....................................	0.916	4.9	0.044	1.14	L-Aug.2023	5.3
Eyeglasses and eye care[8]..........................	0.311	0.7	0.001	0.94	L-Aug.2023	3.4
Services by other medical professionals[8]..........	0.513	0.1	0.002	2.53	–	–
Hospital and related services.........................	2.278	5.6	0.128	0.49	L-Jan.2018	5.6
Hospital services[16]................................	1.941		0.108	0.52	–	–
Inpatient hospital services[16, 5]....................				1.01	–	–
Outpatient hospital services[8, 5]....................				0.87	–	–
Nursing homes and adult day services[16]...........	0.188	5.4	0.010	0.63	L-Aug.2023	6.1
Care of invalids and elderly at home[7]..............	0.150	6.9	0.010	1.24	L-Aug.2023	6.9
Health insurance[7].......................................	0.525	-34.0	-0.286	0.40	L-Aug.2023	-33.6
Transportation services..................................	5.966	9.2	0.528	0.68	L-Aug.2023	10.3
Leased cars and trucks[13]..............................						
Car and truck rental[4]....................................	0.115	-9.6	-0.013	2.36	S-Jun.2023	-12.4
Motor vehicle maintenance and repair.................	1.138	9.6	0.103	0.90	S-Aug.2022	9.1
Motor vehicle body work..............................	0.057	3.7	0.002	1.25	S-May 2021	3.7
Motor vehicle maintenance and servicing..........	0.581	6.3	0.036	1.22	S-May 2022	4.8
Motor vehicle repair[4].................................	0.441	15.1	0.059	1.70	L-Aug.2023	17.0
Motor vehicle insurance................................	2.770	19.2	0.473	1.06	L-Dec.1976	22.4
Motor vehicle fees[4].....................................	0.489	2.9	0.014	0.71	L-May 2023	3.0
State motor vehicle registration and license fees[4]...	0.273	1.8	0.005	0.62	–	–
Parking and other fees[4].............................	0.195	4.4	0.009	1.03	L-Dec.2012	6.4
Parking fees and tolls[4, 5]...........................		5.4		1.37	L-Jul.2021	5.6
Public transportation..................................	0.713	-8.9	-0.079	1.43	L-May 2023	-8.9
Airline fares...	0.519	-13.2	-0.084	2.20	L-Apr.2023	-0.9
Other intercity transportation.........................	0.049	0.4	0.000	1.61	S-Apr.2023	0.2
Ship fare[4, 5]...		7.6		2.38	S-Jun.2023	7.5
Intracity transportation.................................	0.141	3.4	0.006	1.93	L-Dec.2022	4.0
Intracity mass transit[10, 5]...........................		2.7		0.54	L-Feb.2022	4.8
Recreation services[10]...................................	3.116	5.7	0.175	0.48	S-Dec.2022	5.7
Video and audio services[10]...........................	0.998	5.2	0.051	0.65	S-Jul.2023	5.1
Cable, satellite, and live streaming television service[12]...	0.881	5.5	0.048	0.60	S-Jul.2023	5.5
Purchase, subscription, and rental of video[4].......	0.117	3.1	0.004	4.14	S-Aug.2023	2.9
Video discs and other media[4, 5]....................		5.8		5.83	S-Aug.2023	5.7
Subscription and rental of video and video games[4, 5]...		4.6		1.58	S-Jun.2023	4.5
Pet services including veterinary[4].....................	0.551	7.3	0.039	0.97	L-Aug.2023	8.5
Pet services[4, 5].......................................		4.7		1.28	S-Jun.2021	4.4
Veterinarian services[4, 5]..............................		8.1		1.62	L-Aug.2023	8.4
Photographers and photo processing[4]...............	0.039	6.3	0.002	2.07	S-Aug.2023	4.9

See footnotes at end of table.

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022- Oct. 2023	Unadjusted effect on All Items Oct. 2022- Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
Other recreation services[4].............................	1.527	5.6	0.082	0.79	S-Aug.2023	5.6
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees[4]...	0.665	2.0	0.013	0.64	S-Dec.2021	1.8
Admissions..	0.443	10.9	0.046	1.82	L-Feb.2022	11.2
Admission to movies, theaters, and concerts[4, 5].......................................		4.5		1.37	S-Nov.2021	4.5
Admission to sporting events[4, 5]..................		25.1		7.63	L-EVER	–
Fees for lessons or instructions[8]....................	0.185	7.0	0.012	1.10	L-Aug.2023	9.3
Education and communication services[10]...............	4.794	2.3	0.116	0.18	S-Nov.2022	2.2
Tuition, other school fees, and childcare..............	2.155	2.9	0.064	0.28	S-Jul.2022	2.6
College tuition and fees.............................	1.173	1.5	0.019	0.41	S-Aug.2021	0.8
Elementary and high school tuition and fees......	0.311	5.1	0.016	0.34	L-Aug.2009	5.2
Day care and preschool[11]..........................	0.571	4.8	0.028	0.54	–	–
Technical and business school tuition and fees[4]...	0.026	1.8	0.000	1.19	L-Jul.2023	2.3
Postage and delivery services[4].......................	0.071	0.8	0.001	0.66	S-Jan.2017	0.2
Postage...	0.061	-0.1	0.000	0.70	S-Mar.1975	-0.2
Delivery services[4]....................................	0.011	6.0	0.001	1.53	L-Apr.2023	7.4
Telephone services[4]....................................	1.592	0.4	0.009	0.17	L-Jul.2023	0.4
Wireless telephone services[4].......................	1.352	-0.4	-0.005	0.17	L-May 2023	0.6
Residential telephone services[10]...................	0.240	5.5	0.014	0.91	L-Aug.2023	6.1
Internet services and electronic information providers[4]...	0.968	4.4	0.042	0.58	S-Jun.2023	3.3
Other personal services[10]................................	1.463	6.7	0.094	0.51	S-Aug.2023	6.4
Personal care services.................................	0.602	5.0	0.029	0.87	L-Aug.2023	5.1
Haircuts and other personal care services[4]........	0.602	5.0	0.029	0.87	L-Aug.2023	5.1
Miscellaneous personal services......................	0.861	7.9	0.065	0.55	S-Aug.2023	7.4
Legal services[8].......................................						
Funeral expenses[8]...................................	0.168	4.7	0.008	0.46	S-Oct.2022	4.5
Laundry and dry cleaning services[4]................	0.142	6.2	0.009	1.28	S-Aug.2023	5.9
Apparel services other than laundry and dry cleaning[4]...	0.027	5.8	0.001	1.84	S-Jan.2022	4.9
Financial services[8]...................................	0.182	5.8	0.010	1.18	L-Aug.2023	6.2
Checking account and other bank services[4, 5]...		4.2		1.96	L-Feb.2022	10.0
Tax return preparation and other accounting fees[4, 5]...		8.8		1.61	S-Feb.2023	7.1
Special aggregate indexes						
All items less food..	86.628	3.2	2.797	0.14	S-Jul.2023	2.9
All items less shelter...	65.137	1.5	0.982	0.13	S-Jul.2023	1.0
All items less food and shelter...................................	51.765	1.0	0.538	0.15	S-Jul.2023	0.0
All items less food, shelter, and energy.........................	44.580	2.0	0.923	0.15	–	–
All items less food, shelter, energy, and used cars and trucks...	42.024	2.8	1.171	0.16	–	–
All items less medical care.......................................	92.218	3.6	3.305	0.13	S-Jul.2023	3.5
All items less energy...	92.815	3.9	3.627	0.12	S-May 2021	3.5
Commodities..	38.241	0.4	0.164	0.14	S-Jul.2023	-0.6
Commodities less food, energy, and used cars and trucks...	18.398	1.4	0.276	0.26	S-Mar.2021	0.6
Commodities less food...	24.868	-1.1	-0.280	0.19	S-Jul.2023	-3.5
Commodities less food and beverages.........................	24.034	-1.3	-0.312	0.20	S-Jul.2023	-3.7
Services..	61.759	5.1	3.077	0.18	S-Mar.2022	5.1
Services less rent of shelter[15].................................	27.267	3.0	0.829	0.21	L-Aug.2023	3.1
Services less medical care services...........................	55.435	5.9	3.209	0.19	S-Apr.2022	5.6
Durables..	12.216	-2.1	-0.258	0.30	L-Aug.2023	-2.0

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, October 2023, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Sep. 2023	Twelve Month				
		Unadjusted percent change Oct. 2022-Oct. 2023	Unadjusted effect on All Items Oct. 2022-Oct. 2023[1]	Standard error, median price change[2]	Largest (L) or Smallest (S) unadjusted change since:[3]	
					Date	Percent change
Nondurables...	26.025	1.7	0.422	0.16	S-Jul.2023	-0.2
Nondurables less food...........................	12.653	-0.1	-0.022	0.26	S-Jul.2023	-5.3
Nondurables less food and beverages.......................	11.818	-0.4	-0.054	0.28	S-Jul.2023	-5.9
Nondurables less food, beverages, and apparel.............	9.263	-1.1	-0.125	0.32	S-Jul.2023	-8.0
Nondurables less food and apparel...........................	10.097	-0.7	-0.093	0.28	S-Jul.2023	-7.1
Housing..	44.568	5.2	2.284	0.22	S-Dec.2021	5.1
Education and communication[4]................................	5.663	0.9	0.054	0.28	S-Dec.2022	0.7
Education[4]..	2.248	2.7	0.061	0.29	S-Jul.2022	2.6
Communication[4].......................................	3.415	-0.2	-0.007	0.41	S-Aug.2023	-0.2
Information and information processing[4]..................	3.343	-0.2	-0.008	0.41	–	–
Information technology, hardware and services[17]........	1.751	-1.0	-0.017	0.81	S-Aug.2023	-1.1
Recreation[4]...	5.329	3.2	0.169	0.38	S-Nov.2021	3.2
Video and audio[4]...................................	1.267	3.1	0.038	0.59	S-Jul.2023	3.0
Pets, pet products and services[4]...........................	1.214	5.2	0.061	0.70	S-Jan.2022	4.4
Photography[4]......................................	0.061	6.4	0.004	1.76	L-Mar.2023	6.5
Food and beverages...................................	14.206	3.3	0.476	0.19	S-Jun.2021	2.4
Domestically produced farm food...........................	7.152	2.1	0.156	0.30	S-Jun.2021	0.9
Other services..	9.372	4.1	0.385	0.20	S-Jan.2023	4.1
Apparel less footwear.................................	2.046	2.9	0.067	1.00	L-Aug.2023	4.0
Fuels and utilities....................................	4.528	-1.3	-0.064	0.62	L-Aug.2023	-1.2
Household energy....................................	3.463	-3.2	-0.120	0.80	L-Aug.2023	-3.2
Medical care...	7.782	-0.8	-0.064	0.34	L-Jul.2023	-0.5
Transportation.......................................	17.189	0.8	0.087	0.30	S-Jul.2023	-3.0
Private transportation...............................	16.476	1.2	0.166	0.29	S-Jul.2023	-2.5
New and used motor vehicles[4]...........................	7.889	-1.7	-0.154	0.35	L-Aug.2023	-1.0
Utilities and public transportation.............................	7.522	-0.5	-0.043	0.41	L-Jul.2023	-0.5
Household furnishings and operations........................	5.176	1.7	0.089	0.49	S-Jul.2020	1.5
Other goods and services.....................................	2.708	6.2	0.164	0.33	L-Jun.2023	6.3
Personal care...	2.209	6.0	0.129	0.36	S-Aug.2023	5.8

[1] The 'effect' of an item category is a measure of that item's contribution to the All items price change. For example, if the Food index had an effect of 0.40, and the All items index rose 1.2 percent, then the increase in food prices contributed 0.40 / 1.2, or 33.3 percent, to that All items increase. Said another way, had food prices been unchanged for that year the change in the All items index would have been 1.2 percent minus 0.40, or 0.8 percent. Effects can be negative as well. For example, if the effect of food was a negative 0.1, and the All items index rose 0.5 percent, the All items index actually would have been 0.1 percent higher (or 0.6 percent) had food prices been unchanged. Since food prices fell while prices overall were rising, the contribution of food to the All items price change was negative (in this case, -0.1 / 0.5, or minus 20 percent).

[2] A statistic's margin of error is often expressed as its point estimate plus or minus two standard errors. For example, if a CPI category rose 2.6 percent, and its standard error was 0.25 percent, the margin of error on this item's 12-month percent change would be 2.6 percent, plus or minus 0.5 percent.

[3] If the current 12-month percent change is greater than the previous published 12-month percent change, then this column identifies the closest prior month with a 12-month percent change as (L)arge as or (L)arger than the current 12-month change. If the current 12-month percent change is smaller than the previous published 12-month percent change, the most recent month with a change as (S)mall or (S)maller than the current month change is identified. If the current and previous published 12-month percent changes are equal, a dash will appear. Standard numerical comparison is used. For example, 2.0% is greater than 0.6%, -4.4% is less than -2.0%, and -2.0% is less than 0.0%. Note that a (L)arger change can be a smaller decline, for example, a -0.2% change is larger than a -0.4% change, but still represents a decline in the price index. Likewise, (S)maller changes can be increases, for example, a 0.6% change is smaller than 0.8%, but still represents an increase in the price index. In this context, a -0.2% change is considered to be smaller than a 0.0% change.

[4] Indexes on a December 1997=100 base.

[5] Special indexes based on a substantially smaller sample. These series do not contribute to the all items index aggregation and therefore do not have a relative importance or effect.

[6] Indexes on a December 2007=100 base.

[7] Indexes on a December 2005=100 base.

[8] Indexes on a December 1986=100 base.

[9] Indexes on a December 1993=100 base.

[10] Indexes on a December 2009=100 base.

[11] Indexes on a December 1990=100 base.

[12] Indexes on a December 1983=100 base.

[13] Indexes on a December 2001=100 base.

[14] Indexes on a December 2019=100 base.

[15] Indexes on a December 1982=100 base.
[16] Indexes on a December 1996=100 base.
[17] Indexes on a December 1988=100 base.