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CONSUMER PRICE INDEX – JULY 2023

The Consumer Price Index for All Urban Consumers (CPI-U) rose 0.2 percent in July on a seasonally adjusted basis, the same increase as in June, 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 was by far the largest contributor to the monthly all items increase, accounting for over 90 percent of the increase, with the index for motor vehicle insurance also contributing. The food index increased 0.2 percent in July after increasing 0.1 percent the previous month. The index for food at home increased 0.3 percent over the month while the index for food away from home rose 0.2 percent in July. The energy index rose 0.1 percent in July as the major energy component indexes were mixed.

The index for all items less food and energy rose 0.2 percent in July, as it did in June. Indexes which increased in June include shelter, motor vehicle insurance, education, and recreation. The indexes for airline fares, used cars and trucks, medical care, and communication were among those that decreased over the month.

The all items index increased 3.2 percent for the 12 months ending July, slightly more than the 3.0-percent increase for the 12 months ending in June. The all items less food and energy index rose 4.7 percent over the last 12 months. The energy index decreased 12.5 percent for the 12 months ending July, and the food index increased 4.9 percent over the last year.

Chart 1. One-month percent change in CPI for All Urban Consumers (CPI-U), seasonally adjusted, July 2022 - July 2023
 Percent change

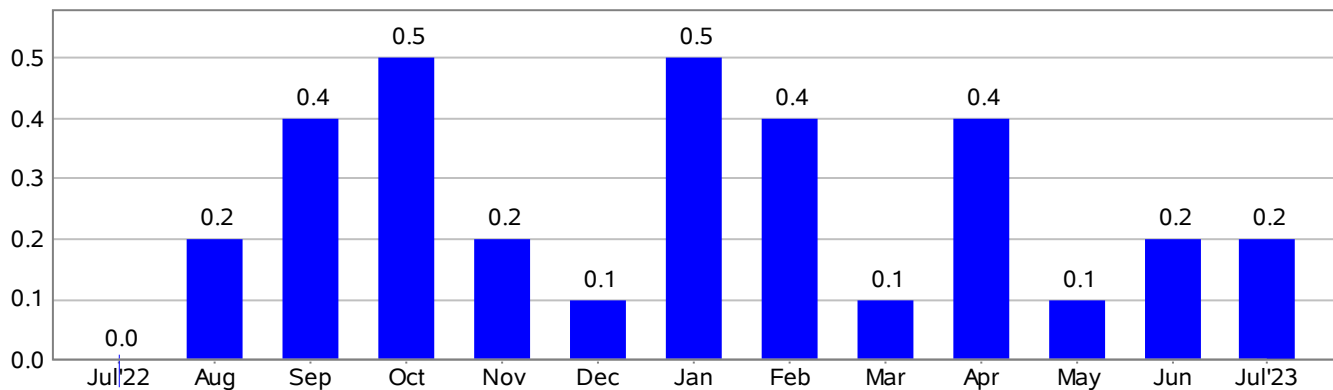


Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, July 2022 - July 2023

Percent change

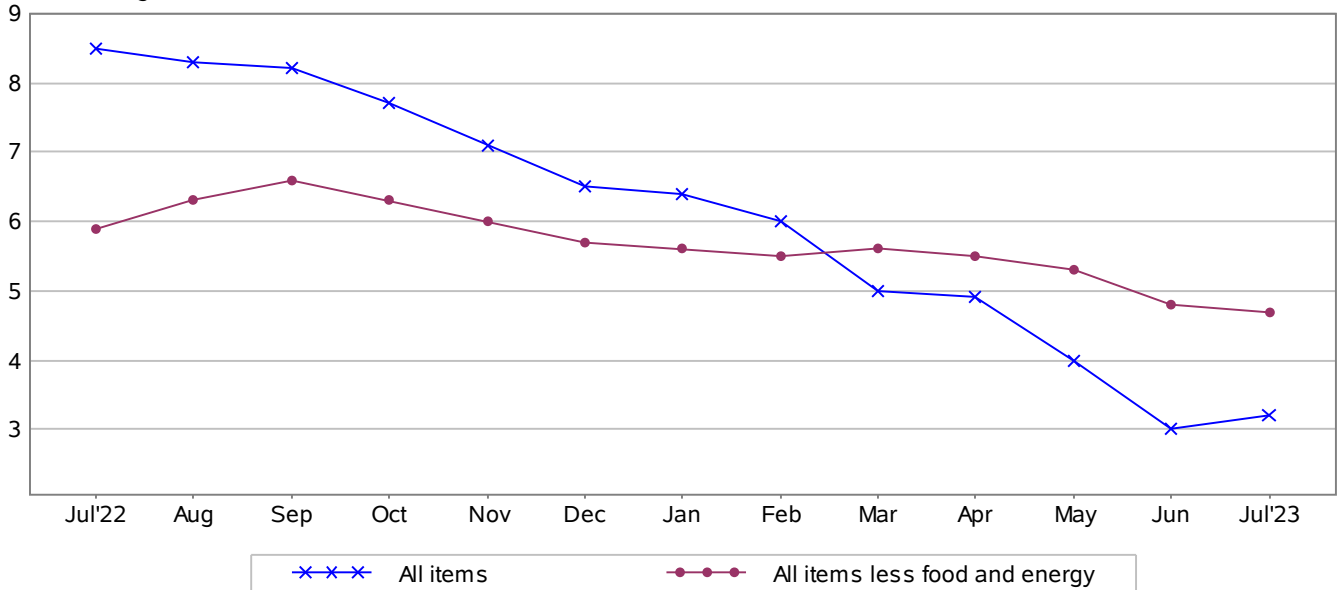


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Jul. 2023
	Jan. 2023	Feb. 2023	Mar. 2023	Apr. 2023	May 2023	Jun. 2023	Jul. 2023	
All items.....	0.5	0.4	0.1	0.4	0.1	0.2	0.2	3.2
Food.....	0.5	0.4	0.0	0.0	0.2	0.1	0.2	4.9
Food at home.....	0.4	0.3	-0.3	-0.2	0.1	0.0	0.3	3.6
Food away from home ¹	0.6	0.6	0.6	0.4	0.5	0.4	0.2	7.1
Energy.....	2.0	-0.6	-3.5	0.6	-3.6	0.6	0.1	-12.5
Energy commodities.....	1.9	0.5	-4.6	2.7	-5.6	0.8	0.3	-20.3
Gasoline (all types).....	2.4	1.0	-4.6	3.0	-5.6	1.0	0.2	-19.9
Fuel oil ¹	-1.2	-7.9	-4.0	-4.5	-7.7	-0.4	3.0	-26.5
Energy services.....	2.1	-1.7	-2.3	-1.7	-1.4	0.4	-0.1	-1.1
Electricity.....	0.5	0.5	-0.7	-0.7	-1.0	0.9	-0.7	3.0
Utility (piped) gas service.....	6.7	-8.0	-7.1	-4.9	-2.6	-1.7	2.0	-13.7
All items less food and energy.....	0.4	0.5	0.4	0.4	0.4	0.2	0.2	4.7
Commodities less food and energy								
commodities.....	0.1	0.0	0.2	0.6	0.6	-0.1	-0.3	0.8
New vehicles.....	0.2	0.2	0.4	-0.2	-0.1	0.0	-0.1	3.5
Used cars and trucks.....	-1.9	-2.8	-0.9	4.4	4.4	-0.5	-1.3	-5.6
Apparel.....	0.8	0.8	0.3	0.3	0.3	0.3	0.0	3.2
Medical care commodities ¹	1.1	0.1	0.6	0.5	0.6	0.2	0.5	4.1
Services less energy services.....	0.5	0.6	0.4	0.4	0.4	0.3	0.4	6.1
Shelter.....	0.7	0.8	0.6	0.4	0.6	0.4	0.4	7.7
Transportation services.....	0.9	1.1	1.4	-0.2	0.8	0.1	0.3	9.0
Medical care services.....	-0.7	-0.7	-0.5	-0.1	-0.1	0.0	-0.4	-1.5

¹ Not seasonally adjusted.

Food

The food index rose 0.2 percent in July. The food at home index increased 0.3 percent over the month, after being unchanged in June. Four of the six major grocery store food group indexes increased over the month. The index for meats, poultry, fish, and eggs rose 0.5 percent in July as the index for beef increased 2.4 percent. The fruits and vegetables index increased 0.4 percent over the month and the other food at home index rose 0.2 percent. The index for dairy and related products increased 0.5 percent in July after decreasing in each of the previous 4 months. The nonalcoholic beverages index and the cereals and bakery products index were both unchanged in July.

The food away from home index rose 0.2 percent in July. The index for full service meals and the index for limited service meals both increased 0.2 percent over the month.

The food at home index rose 3.6 percent over the last 12 months. The index for cereals and bakery products rose 7.0 percent over the 12 months ending in July. The meats, poultry, fish, and eggs index declined 0.2 percent over the year. The remaining major grocery store food groups posted increases ranging from 1.3 percent (dairy and related products) to 5.4 percent (both nonalcoholic beverages and other food at home).

The index for food away from home rose 7.1 percent over the last year. The index for full service meals rose 5.8 percent over the last 12 months, and the index for limited service meals rose 7.1 percent over the same period.

Energy

The energy index rose 0.1 percent in July after increasing 0.6 percent in June. The gasoline index increased 0.2 percent in July, following a 1.0-percent increase in the previous month. (Before seasonal adjustment, gasoline prices rose 0.6 percent in July.)

Other energy components were mixed in July. The natural gas index increased 2.0 percent over the month, following five consecutive monthly decreases. The index for fuel oil also rose in July, increasing 3.0 percent. The index for electricity fell 0.7 percent in July, after increasing 0.9 percent in June.

The energy index fell 12.5 percent over the past 12 months. The gasoline index decreased 19.9 percent over the last 12 months, while the natural gas index fell 13.7 percent, and the fuel oil index fell 26.5 percent over the span. In contrast, the index for electricity rose 3.0 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 July, as it did in June. The shelter index increased 0.4 percent over the month, the same increase as in June. The index for rent rose 0.4 percent in July, and the index for owners' equivalent rent increased 0.5 percent over the month. The index for lodging away from home decreased 0.3 percent in July after falling 2.0 percent in June.

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 July was the index for motor vehicle insurance, which increased 2.0 percent after rising 1.7 percent the preceding month. The indexes for education and recreation also increased in July.

Several indexes declined in July, led by the airline fares index, which fell 8.1 percent over the month, its fourth consecutive monthly decline. The index for used cars and trucks fell 1.3 percent in July, after decreasing 0.5 percent in June. The communication index declined 0.1 percent over the month, as did the new vehicles index and the household furnishings and operations index.

The medical care index fell 0.2 percent in July, after being unchanged the previous month. The index for hospital services decreased 0.4 percent over the month, while the index for physicians' services rose 0.2 percent. The prescription drugs index was unchanged in July.

The index for all items less food and energy rose 4.7 percent over the past 12 months. The shelter index increased 7.7 percent over the last year, accounting for over two-thirds of the total increase in all items less food and energy. Other indexes with notable increases over the last year include motor vehicle insurance (+17.8 percent), recreation (+4.1 percent), new vehicles (+3.5 percent), and household furnishings and operations (+2.9 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 305.691 (1982-84=100). For the month, the index increased 0.2 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 2.6 percent over the last 12 months to an index level of 299.899 (1982-84=100). For the month, the index increased 0.2 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 3.2 percent over the last 12 months. For the month, the index increased 0.2 percent on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

The Consumer Price Index for August 2023 is scheduled to be released on Wednesday, September 13, 2023, at 8:30 a.m. (ET).

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, or web 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	$9.0/112.500 \times 100 = 8.0$	$18.0/225.000 \times 100 = 8.0$	$18.0/110.000 \times 100 = 16.4$

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

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

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022	Jun. 2023	Jul. 2023	Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
All items.....	100.000	296.276	305.109	305.691	3.2	0.2	0.1	0.2	0.2
Food.....	13.400	308.532	322.556	323.523	4.9	0.3	0.2	0.1	0.2
Food at home.....	8.582	292.972	302.335	303.455	3.6	0.4	0.1	0.0	0.3
Cereals and bakery products.....	1.166	332.968	355.074	356.377	7.0	0.4	0.0	0.1	0.0
Meats, poultry, fish, and eggs.....	1.770	318.141	315.561	317.445	-0.2	0.6	-1.2	-0.4	0.5
Dairy and related products.....	0.787	265.638	268.338	269.143	1.3	0.3	-1.1	-0.3	0.5
Fruits and vegetables.....	1.478	341.839	350.724	351.646	2.9	0.3	1.3	0.8	0.4
Nonalcoholic beverages and beverage materials.....	1.039	204.944	216.146	216.056	5.4	0.0	0.7	-0.1	0.0
Other food at home.....	2.344	257.295	269.995	271.276	5.4	0.5	0.4	-0.2	0.2
Food away from home ¹	4.818	331.342	354.245	354.862	7.1	0.2	0.5	0.4	0.2
Energy.....	6.951	325.407	283.854	284.828	-12.5	0.3	-3.6	0.6	0.1
Energy commodities.....	3.667	405.676	321.491	323.358	-20.3	0.6	-5.6	0.8	0.3
Fuel oil ¹	0.112	495.910	353.673	364.304	-26.5	3.0	-7.7	-0.4	3.0
Motor fuel.....	3.497	399.682	317.170	318.891	-20.2	0.5	-5.6	0.9	0.2
Gasoline (all types).....	3.415	396.952	316.258	318.071	-19.9	0.6	-5.6	1.0	0.2
Energy services.....	3.283	262.731	259.564	259.766	-1.1	0.1	-1.4	0.4	-0.1
Electricity.....	2.574	262.347	271.369	270.268	3.0	-0.4	-1.0	0.9	-0.7
Utility (piped) gas service.....	0.709	258.666	219.272	223.290	-13.7	1.8	-2.6	-1.7	2.0
All items less food and energy.....	79.649	295.646	308.910	309.402	4.7	0.2	0.4	0.2	0.2
Commodities less food and energy commodities.....	21.321	166.746	168.588	168.014	0.8	-0.3	0.6	-0.1	-0.3
Apparel.....	2.526	125.188	130.510	129.172	3.2	-1.0	0.3	0.3	0.0
New vehicles.....	4.270	173.618	179.577	179.696	3.5	0.1	-0.1	0.0	-0.1
Used cars and trucks.....	2.776	213.683	202.007	201.624	-5.6	-0.2	4.4	-0.5	-1.3
Medical care commodities ¹	1.460	390.077	404.109	406.169	4.1	0.5	0.6	0.2	0.5
Alcoholic beverages.....	0.836	274.344	285.633	285.580	4.1	0.0	0.5	0.0	0.1
Tobacco and smoking products ¹	0.496	1,349.636	1,424.290	1,431.302	6.1	0.5	0.6	0.1	0.5
Services less energy services.....	58.328	375.060	396.646	398.002	6.1	0.3	0.4	0.3	0.4
Shelter.....	34.728	354.935	380.594	382.226	7.7	0.4	0.6	0.4	0.4
Rent of primary residence.....	7.569	370.448	398.593	400.210	8.0	0.4	0.5	0.5	0.4
Owners' equivalent rent of residences ²	25.540	363.311	389.223	391.131	7.7	0.5	0.5	0.4	0.5
Medical care services.....	6.377	601.056	593.503	591.832	-1.5	-0.3	-0.1	0.0	-0.4
Physicians' services ¹	1.792	411.846	412.812	413.437	0.4	0.2	-0.5	0.7	0.2
Hospital services ^{1, 3}	1.925	377.415	390.793	389.061	3.1	-0.4	1.0	0.4	-0.4
Transportation services.....	5.917	363.389	395.238	396.199	9.0	0.2	0.8	0.1	0.3
Motor vehicle maintenance and repair ¹	1.121	343.678	383.196	387.159	12.7	1.0	0.6	1.3	1.0
Motor vehicle insurance.....	2.657	609.585	705.717	717.799	17.8	1.7	2.0	1.7	2.0
Airline fares.....	0.593	311.205	279.224	253.345	-18.6	-9.3	-3.0	-8.1	-8.1

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, July 2023

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
All items.....	100.000	3.2	0.2	0.1	0.2	0.2
Food.....	13.400	4.9	0.3	0.2	0.1	0.2
Food at home.....	8.582	3.6	0.4	0.1	0.0	0.3
Cereals and bakery products.....	1.166	7.0	0.4	0.0	0.1	0.0
Cereals and cereal products.....	0.365	5.8	0.6	-0.6	0.1	0.3
Flour and prepared flour mixes.....	0.062	8.5	0.7	0.0	0.4	-0.2
Breakfast cereal ¹	0.147	5.1	0.2	0.0	1.1	0.2
Rice, pasta, cornmeal.....	0.157	5.5	0.9	-1.2	0.1	0.7
Rice ^{1, 2, 3}		6.5	0.9	-0.2	0.0	0.9
Bakery products ¹	0.800	7.6	0.3	0.2	0.1	0.3
Bread ^{1, 2}	0.225	9.5	0.9	0.4	0.7	0.9
White bread ^{1, 3}		10.7	0.9	-0.2	0.4	0.9
Bread other than white ^{1, 3}		8.0	0.9	0.8	0.9	0.9
Fresh biscuits, rolls, muffins ²	0.117	5.8	-1.0	-1.1	-0.1	-0.7
Cakes, cupcakes, and cookies ¹	0.206	6.9	0.4	0.2	-0.6	0.4
Cookies ^{1, 3}		7.9	0.8	-0.5	-0.7	0.8
Fresh cakes and cupcakes ^{1, 3}		6.3	-0.2	0.9	-0.1	-0.2
Other bakery products.....	0.252	7.4	0.2	0.3	-0.1	-0.2
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}		5.4	-0.2	-0.3	2.0	-0.2
Crackers, bread, and cracker products ³		8.2	0.2	0.5	1.1	-1.3
Frozen and refrigerated bakery products, pies, tarts, turnovers ³		8.0	0.4	0.1	-0.9	0.3
Meats, poultry, fish, and eggs.....	1.770	-0.2	0.6	-1.2	-0.4	0.5
Meats, poultry, and fish.....	1.654	0.9	0.8	-0.1	0.1	0.7
Meats.....	1.024	1.9	1.6	0.2	-0.3	1.2
Beef and veal.....	0.449	5.3	2.4	1.0	0.4	2.4
Uncooked ground beef ¹	0.161	3.1	1.5	2.0	1.6	1.5
Uncooked beef roasts ²	0.057	6.3	4.3	1.2	-2.9	6.5
Uncooked beef steaks ²	0.188	7.8	2.4	0.1	0.5	2.3
Uncooked other beef and veal ^{1, 2}	0.043	1.6	3.6	-0.9	0.4	3.6
Pork.....	0.324	-3.7	1.0	-0.8	-1.9	0.0
Bacon, breakfast sausage, and related products ²	0.137	-6.7	0.9	-0.9	-1.3	-0.3
Bacon and related products ³		-10.7	0.7	-1.3	-1.7	-0.7
Breakfast sausage and related products ^{2, 3}		0.3	1.1	-0.7	-0.7	0.6
Ham.....	0.069	5.7	0.4	1.6	-2.7	0.6
Ham, excluding canned ³		6.1	0.5	1.6	-2.7	0.5
Pork chops ¹	0.044	-2.4	0.2	-1.5	0.4	0.2
Other pork including roasts, steaks, and ribs ²	0.075	-6.8	2.3	-2.5	-3.3	2.5
Other meats.....	0.251	4.1	0.7	0.2	0.3	0.7
Frankfurters ³		3.3	0.2	0.8	0.1	2.7
Lunchmeats ^{1, 2, 3}		4.4	0.7	-0.4	-0.6	0.7
Poultry ¹	0.347	-0.2	-0.4	0.2	0.8	-0.4
Chicken ^{1, 2}	0.277	-2.5	-1.1	0.3	0.6	-1.1
Fresh whole chicken ^{1, 3}		0.4	-2.1	1.9	1.2	-2.1
Fresh and frozen chicken parts ^{1, 3}		-3.6	-0.6	-0.5	0.5	-0.6
Other uncooked poultry including turkey ²	0.070	9.4	2.3	-2.0	1.4	3.1
Fish and seafood.....	0.283	-0.8	-0.5	-1.6	0.8	0.1
Fresh fish and seafood ^{1, 2}	0.138	-2.6	-1.1	-0.9	0.2	-1.1
Processed fish and seafood ²	0.146	1.0	0.0	-2.0	1.3	0.5
Shelf stable fish and seafood ³		4.8	1.1	-1.7	1.7	1.7
Frozen fish and seafood ³		-1.9	-1.1	-2.2	0.5	-1.5
Eggs ¹	0.115	-13.7	-2.2	-13.8	-7.3	-2.2

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, July 2023 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
Dairy and related products.....	0.787	1.3	0.3	-1.1	-0.3	0.5
Milk ²	0.193	-3.0	-0.9	-0.6	-0.3	-0.6
Fresh whole milk ³		-4.5	-1.3	-1.0	-0.5	-0.6
Fresh milk other than whole ^{2, 3}		-2.0	-0.6	-0.5	-0.3	-0.4
Cheese and related products ¹	0.240	-0.3	0.5	-0.4	-1.4	0.5
Ice cream and related products.....	0.119	6.3	0.8	-0.2	0.9	1.5
Other dairy and related products ²	0.234	4.5	0.9	-1.3	0.5	0.2
Fruits and vegetables.....	1.478	2.9	0.3	1.3	0.8	0.4
Fresh fruits and vegetables.....	1.096	1.2	0.1	1.4	0.8	0.3
Fresh fruits.....	0.585	0.4	-0.2	1.5	1.0	0.1
Apples.....	0.085	7.5	2.8	1.9	-2.3	2.4
Bananas ¹	0.089	0.0	0.6	-0.1	-0.5	0.6
Citrus fruits ²	0.170	-2.9	1.3	-1.1	-2.3	1.7
Oranges, including tangerines ³		-3.6	2.3	-0.4	-1.3	1.6
Other fresh fruits ²	0.241	-0.1	-2.6	3.4	4.7	-0.8
Fresh vegetables.....	0.510	2.1	0.5	1.3	0.7	0.5
Potatoes.....	0.090	4.4	2.5	0.2	0.7	0.7
Lettuce.....	0.070	6.6	0.1	5.3	-1.9	0.0
Tomatoes.....	0.081	2.0	-0.5	0.7	2.8	0.4
Other fresh vegetables.....	0.270	0.9	0.3	1.0	0.6	0.7
Processed fruits and vegetables ²	0.382	8.1	0.6	1.0	0.5	0.9
Canned fruits and vegetables ²	0.194	7.0	1.2	0.2	0.6	1.5
Canned fruits ^{2, 3}		7.7	0.3	0.9	0.5	0.4
Canned vegetables ^{2, 3}		6.1	1.7	0.1	0.5	2.0
Frozen fruits and vegetables ²	0.112	11.8	-0.2	1.9	0.5	0.3
Frozen vegetables ³		17.1	0.3	1.4	0.0	0.9
Other processed fruits and vegetables including dried ²	0.076	5.7	0.1	2.1	-0.2	0.2
Dried beans, peas, and lentils ^{1, 2, 3}		1.4	0.4	2.3	-0.3	0.4
Nonalcoholic beverages and beverage materials.....	1.039	5.4	0.0	0.7	-0.1	0.0
Juices and nonalcoholic drinks ²	0.729	6.6	-0.1	1.0	-0.2	-0.2
Carbonated drinks.....	0.304	6.5	-0.1	-0.1	-0.2	0.0
Frozen noncarbonated juices and drinks ^{1, 2}	0.009	16.3	1.5	7.4	0.2	1.5
Nonfrozen noncarbonated juices and drinks ²	0.417	6.4	-0.2	1.7	-0.3	-0.4
Beverage materials including coffee and tea ²	0.310	2.8	0.2	0.1	0.1	0.6
Coffee.....	0.197	1.0	0.4	0.1	-0.6	1.0
Roasted coffee ³		1.1	0.7	-0.4	-0.2	1.3
Instant coffee ^{1, 3}		0.6	-0.8	0.6	-1.0	-0.8
Other beverage materials including tea ^{1, 2}	0.112	6.1	-0.2	-0.1	1.7	-0.2
Other food at home.....	2.344	5.4	0.5	0.4	-0.2	0.2
Sugar and sweets ¹	0.306	8.9	0.2	0.4	1.8	0.2
Sugar and sugar substitutes.....	0.041	9.7	0.9	0.5	1.8	0.7
Candy and chewing gum ^{1, 2}	0.195	11.1	0.1	0.3	2.2	0.1
Other sweets ²	0.070	2.7	-0.2	0.2	0.4	-0.3
Fats and oils.....	0.255	6.3	0.6	0.2	-0.5	-0.2
Butter and margarine ²	0.080	2.2	0.2	0.1	-0.8	-0.7
Butter ³		-1.1	1.9	-1.0	-0.3	1.0
Margarine ^{1, 3}		11.3	-2.4	2.1	-1.4	-2.4
Salad dressing ²	0.059	9.2	1.4	0.2	-0.9	0.7
Other fats and oils including peanut butter ²	0.115	7.9	0.5	0.6	0.3	-0.5
Peanut butter ^{1, 2, 3}		-1.7	0.1	-0.9	-0.5	0.1
Other foods.....	1.783	4.7	0.5	0.4	-0.5	0.2
Soups.....	0.109	3.7	-0.7	0.6	0.4	-1.2
Frozen and freeze dried prepared foods.....	0.271	3.9	1.0	0.3	-0.8	0.5

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, July 2023 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
Snacks.....	0.373	3.7	1.1	0.5	-2.6	1.0
Spices, seasonings, condiments, sauces.....	0.359	6.2	0.3	0.6	0.2	0.0
Salt and other seasonings and spices ^{2, 3}		2.0	-0.3	0.3	0.4	-0.9
Olives, pickles, relishes ^{1, 2, 3}		8.5	0.9	-0.4	-1.1	0.9
Sauces and gravies ^{2, 3}		7.0	0.3	1.1	0.0	0.1
Other condiments ³		15.4	1.2	5.6	-0.1	1.6
Baby food and formula ^{1, 2}	0.038	5.9	0.6	1.2	-1.3	0.6
Other miscellaneous foods ²	0.633	5.0	0.2	0.0	0.1	-0.2
Prepared salads ^{3, 4}		1.9	1.1	-2.1	0.0	0.7
Food away from home ¹	4.818	7.1	0.2	0.5	0.4	0.2
Full service meals and snacks ^{1, 2}	2.304	5.8	0.2	0.4	0.3	0.2
Limited service meals and snacks ^{1, 2}	2.244	7.1	0.2	0.5	0.4	0.2
Food at employee sites and schools ^{1, 2}	0.074	84.4	0.1	0.3	0.1	0.1
Food at elementary and secondary schools ^{1, 3, 5}				-0.3	0.0	
Food from vending machines and mobile vendors ^{1, 2}	0.026	14.0	-0.3	2.5	1.1	-0.3
Other food away from home ^{1, 2}	0.169	5.9	-0.3	0.1	1.7	-0.3
Energy.....	6.951	-12.5	0.3	-3.6	0.6	0.1
Energy commodities.....	3.667	-20.3	0.6	-5.6	0.8	0.3
Fuel oil and other fuels.....	0.170	-21.2	1.4	-5.3	-1.4	3.7
Fuel oil ¹	0.112	-26.5	3.0	-7.7	-0.4	3.0
Propane, kerosene, and firewood ⁶	0.058	-8.3	-1.8	-1.2	-1.9	-0.4
Motor fuel.....	3.497	-20.2	0.5	-5.6	0.9	0.2
Gasoline (all types).....	3.415	-19.9	0.6	-5.6	1.0	0.2
Gasoline, unleaded regular ³		-20.3	0.6	-5.3	2.0	-0.6
Gasoline, unleaded midgrade ^{3, 7}		-18.6	0.7	-5.1	0.3	0.0
Gasoline, unleaded premium ³		-16.8	0.7	-4.0	0.4	-0.2
Other motor fuels ^{1, 2}	0.081	-30.1	-0.8	-3.3	-3.1	-0.8
Energy services.....	3.283	-1.1	0.1	-1.4	0.4	-0.1
Electricity.....	2.574	3.0	-0.4	-1.0	0.9	-0.7
Utility (piped) gas service.....	0.709	-13.7	1.8	-2.6	-1.7	2.0
All items less food and energy.....	79.649	4.7	0.2	0.4	0.2	0.2
Commodities less food and energy commodities.....	21.321	0.8	-0.3	0.6	-0.1	-0.3
Household furnishings and supplies ⁸	4.338	2.2	-0.6	-0.4	-0.3	-0.4
Window and floor coverings and other linens ²	0.306	-0.5	-1.8	0.2	-0.9	-1.3
Floor coverings ^{1, 2}	0.085	4.9	-1.0	0.1	-0.6	-1.0
Window coverings ^{1, 2}	0.072	-1.8	-1.1	0.5	-0.3	-1.1
Other linens ²	0.149	-2.8	-2.7	-0.1	-2.4	-1.3
Furniture and bedding ¹	1.147	-2.8	-0.4	-0.7	0.1	-0.4
Bedroom furniture ¹	0.375	-1.1	0.8	0.0	-0.6	0.8
Living room, kitchen, and dining room furniture ^{1, 2}	0.558	-4.8	-0.2	-1.3	0.2	-0.2
Other furniture ²	0.207	-0.1	-2.8	-0.6	1.4	-1.2
Appliances ²	0.282	-0.5	-0.3	-0.3	-1.0	0.5
Major appliances ²	0.100	-9.9	-1.0	-0.8	-1.1	-0.6
Laundry equipment ^{1, 3}		-6.8	-1.0	-2.0	-3.4	-1.0
Other appliances ^{1, 2}	0.180	5.2	0.1	0.1	-0.6	0.1
Other household equipment and furnishings ²	0.563	-0.4	-0.3	-0.6	0.3	0.5
Clocks, lamps, and decorator items ¹	0.313	0.9	0.8	-1.1	-1.4	0.8
Indoor plants and flowers ⁹	0.126	-0.1	-3.1	-2.2	0.6	-1.8
Dishes and flatware ^{1, 2}	0.041	-0.9	0.9	-1.6	1.5	0.9
Nonelectric cookware and tableware ²	0.084	-4.2	-1.0	-0.2	0.9	-0.4
Tools, hardware, outdoor equipment and supplies ²	1.069	7.4	-1.2	-0.8	0.0	-0.7
Tools, hardware and supplies ²	0.266	6.0	-0.3	-0.5	-0.9	0.1
Outdoor equipment and supplies ²	0.566	8.4	-1.7	-0.9	0.5	-1.2

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, July 2023 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
		Housekeeping supplies ¹	0.970	5.9	0.0	-0.1
Household cleaning products ^{1, 2}	0.328	5.5	0.3	0.4	0.3	0.3
Household paper products ^{1, 2}	0.179	7.4	0.3	0.4	0.4	0.3
Miscellaneous household products ^{1, 2}	0.463	5.5	-0.3	-0.7	-0.1	-0.3
Apparel.....	2.526	3.2	-1.0	0.3	0.3	0.0
Men's and boys' apparel.....	0.663	4.3	-0.8	0.3	0.8	0.0
Men's apparel.....	0.492	4.6	-0.7	0.8	0.4	0.2
Men's suits, sport coats, and outerwear.....	0.068	-0.8	-1.9	0.3	1.2	-1.3
Men's underwear, nightwear, swimwear, and accessories ¹	0.180	6.0	-1.0	1.3	0.4	-1.0
Men's shirts and sweaters ²	0.114	3.2	0.3	0.5	-1.5	1.5
Men's pants and shorts.....	0.120	7.7	-0.5	0.5	0.4	0.3
Boys' apparel.....	0.172	3.4	-1.2	-0.9	1.9	0.1
Women's and girls' apparel.....	1.025	4.1	-1.7	0.7	0.0	0.2
Women's apparel.....	0.856	3.5	-1.9	0.7	0.4	-0.3
Women's outerwear.....	0.050	5.3	-1.8	2.9	-3.5	0.3
Women's dresses.....	0.093	-0.2	-5.0	3.7	-0.4	-0.1
Women's suits and separates ²	0.383	1.1	-3.0	1.5	-1.6	-0.6
Women's underwear, nightwear, swimwear, and accessories ²	0.319	7.7	0.4	-1.3	2.5	0.7
Girls' apparel.....	0.169	7.2	-0.9	1.1	-1.7	2.4
Footwear.....	0.503	-1.6	-1.2	0.0	0.1	-0.8
Men's footwear ¹	0.182	-1.2	-1.0	1.3	0.8	-1.0
Boys' and girls' footwear.....	0.120	-1.3	-1.4	-1.0	-0.8	-1.1
Women's footwear.....	0.201	-1.8	-1.3	0.0	-0.7	-0.6
Infants' and toddlers' apparel.....	0.105	5.7	-0.1	-0.5	0.7	1.3
Jewelry and watches ⁶	0.230	6.5	1.6	-0.8	0.6	0.1
Watches ^{1, 6}	0.036	0.9	0.6	1.2	-0.5	0.6
Jewelry ⁶	0.193	7.5	1.8	-1.3	0.6	-0.3
Transportation commodities less motor fuel ⁸	7.775	-1.3	-0.1	1.5	-0.2	-0.5
New vehicles.....	4.270	3.5	0.1	-0.1	0.0	-0.1
New cars ³		2.9	0.0	-0.4	-0.2	-0.1
New trucks ^{3, 10}		3.7	0.1	-0.1	0.0	-0.1
Used cars and trucks.....	2.776	-5.6	-0.2	4.4	-0.5	-1.3
Motor vehicle parts and equipment ¹	0.479	2.9	-0.4	0.0	-0.1	-0.4
Tires ¹	0.328	2.8	0.1	0.6	0.2	0.1
Vehicle accessories other than tires ^{1, 2}	0.151	2.7	-1.3	-1.3	-0.9	-1.3
Vehicle parts and equipment other than tires ^{1, 3}		2.6	-1.7	-1.3	-0.4	-1.7
Motor oil, coolant, and fluids ^{1, 3}		1.3	-2.0	-1.0	-3.3	-2.0
Medical care commodities ¹	1.460	4.1	0.5	0.6	0.2	0.5
Medicinal drugs ^{1, 8}	1.344	3.8	0.6	0.5	0.2	0.6
Prescription drugs ¹	0.944	2.8	0.0	0.1	0.0	0.0
Nonprescription drugs ^{1, 8}	0.400	6.2	1.9	1.5	0.6	1.9
Medical equipment and supplies ^{1, 8}	0.116	8.5	-0.3	2.3	0.0	-0.3
Recreation commodities ⁸	2.250	1.0	-0.8	0.0	-0.4	-0.8
Video and audio products ⁸	0.275	-4.6	-0.8	-0.8	-0.5	-1.3
Televisions.....	0.134	-10.2	-0.4	-1.8	-0.5	-1.4
Other video equipment ²	0.016	-0.6	0.5	-2.5	0.7	1.7
Audio equipment ¹	0.056	-2.0	-3.1	0.6	-2.4	-3.1
Recorded music and music subscriptions ^{1, 2}	0.060	4.3	-0.2	0.6	0.7	-0.2
Pets and pet products ¹	0.675	7.8	-0.4	1.0	-0.5	-0.4
Pet food ^{1, 2, 3}		10.6	-0.2	0.8	-0.2	-0.2
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		3.6	-0.5	0.9	-0.5	-0.5
Sporting goods ¹	0.732	-0.5	0.1	-1.1	-0.3	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, July 2023 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
Sports vehicles including bicycles ¹	0.421	-0.2	0.4	-1.3	-0.3	0.4
Sports equipment ¹	0.302	-1.0	-0.2	-0.7	-0.3	-0.2
Photographic equipment and supplies.....	0.020	-0.5	-1.4	0.3	0.9	-3.3
Photographic equipment ^{2, 3}		-2.0	-1.5	0.1	1.0	-3.5
Recreational reading materials ¹	0.112	-1.2	-1.1	1.4	-1.0	-1.1
Newspapers and magazines ^{1, 2}	0.061	-1.7	-2.8	3.1	0.3	-2.8
Recreational books ^{1, 2}	0.050	-0.4	1.0	-0.5	-2.4	1.0
Other recreational goods ²	0.436	-1.5	-2.8	0.2	-0.1	-2.4
Toys.....	0.347	-2.9	-3.5	0.2	-0.4	-2.9
Toys, games, hobbies and playground equipment ^{2, 3}		-1.8	-3.7	1.3	0.0	-3.3
Sewing machines, fabric and supplies ^{1, 2}	0.024	-0.1	2.4	-0.9	-2.0	2.4
Music instruments and accessories ^{1, 2}	0.054	9.7	-0.5	0.8	2.7	-0.5
Education and communication commodities ⁸	0.891	-7.8	-1.2	-0.2	-0.1	-1.2
Educational books and supplies ¹	0.093	-3.0	-0.4	0.5	-1.4	-0.4
College textbooks ^{1, 3, 11}		-3.6	-0.3	0.6	-1.8	-0.3
Information technology commodities ⁸	0.798	-8.5	-1.4	-0.3	0.1	-1.4
Computers, peripherals, and smart home assistants ^{1, 4}	0.364	-4.9	-1.4	-0.4	0.2	-1.4
Computer software and accessories ^{1, 2}	0.022	-7.3	-2.7	0.3	-1.6	-2.7
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.412	-11.8	-1.2	-0.2	0.1	-1.2
Smartphones ^{1, 3, 12}		-17.6	-1.6	0.7	-1.5	-1.6
Alcoholic beverages.....	0.836	4.1	0.0	0.5	0.0	0.1
Alcoholic beverages at home.....	0.503	2.7	-0.1	0.4	-0.2	-0.1
Beer, ale, and other malt beverages at home.....	0.194	4.3	-0.7	0.5	0.0	-0.5
Distilled spirits at home ¹	0.086	2.1	0.8	0.2	0.4	0.8
Whiskey at home ^{1, 3}		1.8	0.8	0.2	0.3	0.8
Distilled spirits, excluding whiskey, at home ^{1, 3}		1.9	0.7	0.2	0.8	0.7
Wine at home ¹	0.224	1.6	0.0	0.4	-0.6	0.0
Alcoholic beverages away from home ¹	0.333	6.4	0.2	0.7	0.5	0.2
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		4.5	0.1	0.7	0.4	0.1
Wine away from home ^{1, 2, 3}		6.9	0.2	0.8	0.6	0.2
Distilled spirits away from home ^{1, 2, 3}		8.1	0.1	0.6	0.8	0.1
Other goods ⁸	1.244	6.1	0.3	0.6	0.1	0.3
Tobacco and smoking products ¹	0.496	6.1	0.5	0.6	0.1	0.5
Cigarettes ^{1, 2}	0.411	6.2	0.7	0.6	0.0	0.7
Tobacco products other than cigarettes ^{1, 2}	0.079	4.9	-0.8	0.4	0.3	-0.8
Personal care products ¹	0.603	6.3	0.5	1.0	0.2	0.5
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.319	7.6	0.4	1.5	0.2	0.4
Cosmetics, perfume, bath, nail preparations and implements ¹	0.273	5.0	0.6	0.5	0.2	0.6
Miscellaneous personal goods ^{1, 2}	0.146	4.7	-1.0	-1.1	-0.4	-1.0
Stationery, stationery supplies, gift wrap ³		9.3	-2.9	0.9	0.0	-0.8
Services less energy services.....	58.328	6.1	0.3	0.4	0.3	0.4
Shelter.....	34.728	7.7	0.4	0.6	0.4	0.4
Rent of shelter ¹³	34.358	7.8	0.4	0.5	0.4	0.4
Rent of primary residence.....	7.569	8.0	0.4	0.5	0.5	0.4
Lodging away from home ²	1.250	6.0	-0.6	1.8	-2.0	-0.3
Housing at school, excluding board ¹³	0.158	3.2	1.0	0.1	0.2	0.9
Other lodging away from home including hotels and motels.....	1.092	6.6	-0.8	2.1	-2.3	-0.5
Owners' equivalent rent of residences ¹³	25.540	7.7	0.5	0.5	0.4	0.5

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, July 2023 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
Owners' equivalent rent of primary residence ¹³ ..	24.148	7.7	0.5	0.5	0.4	0.5
Tenants' and household insurance ^{1, 2}	0.370	1.0	0.1	0.1	0.3	0.1
Water and sewer and trash collection services ²	1.061	5.8	0.5	0.6	0.4	0.5
Water and sewerage maintenance.....	0.757	4.7	0.3	0.3	0.4	0.2
Garbage and trash collection ^{1, 10}	0.304	8.8	1.1	1.3	0.4	1.1
Household operations ^{1, 2}	0.883		1.8	-1.2	0.8	1.8
Domestic services ^{1, 2}	0.270		1.2	-2.0	1.5	1.2
Gardening and lawncare services ^{1, 2}						
Moving, storage, freight expense ^{1, 2}	0.106	-0.8	0.5	1.8	1.9	0.5
Repair of household items ^{1, 2}	0.115					
Medical care services.....	6.377	-1.5	-0.3	-0.1	0.0	-0.4
Professional services.....	3.527	1.9	0.3	0.0	0.3	0.3
Physicians' services ¹	1.792	0.4	0.2	-0.5	0.7	0.2
Dental services.....	0.907	5.1	0.4	0.1	-0.3	0.5
Eyeglasses and eye care ^{1, 6}	0.310	2.4	0.0	0.5	0.7	0.0
Services by other medical professionals ^{1, 6}	0.518	0.9	0.6	1.2	-0.6	0.6
Hospital and related services ¹	2.257	3.4	-0.2	0.8	0.3	-0.2
Hospital services ^{1, 14}	1.925	3.1	-0.4	1.0	0.4	-0.4
Inpatient hospital services ^{1, 14, 3}		2.6	-0.5	1.0	0.1	-0.5
Outpatient hospital services ^{1, 3, 6}		4.9	-0.3	0.9	0.8	-0.3
Nursing homes and adult day services ¹⁴	0.185	5.6	2.3	-0.8	-0.1	2.4
Care of invalids and elderly at home ^{1, 5}	0.147	4.7	0.5	-0.1	0.0	0.5
Health insurance ^{1, 5}	0.593	-29.5	-4.1	-3.7	-3.6	-4.1
Transportation services.....	5.917	9.0	0.2	0.8	0.1	0.3
Leased cars and trucks ^{1, 11}	0.741	10.8	-0.1	-1.6	0.6	-0.1
Car and truck rental ²	0.123	-7.2	5.7	-3.3	-1.4	-0.3
Motor vehicle maintenance and repair ¹	1.121	12.7	1.0	0.6	1.3	1.0
Motor vehicle body work ¹	0.057	5.4	0.2	-0.5	0.2	0.2
Motor vehicle maintenance and servicing ¹	0.575	8.8	0.9	1.0	0.8	0.9
Motor vehicle repair ^{1, 2}	0.431	19.5	1.4	0.3	2.2	1.4
Motor vehicle insurance.....	2.657	17.8	1.7	2.0	1.7	2.0
Motor vehicle fees ^{1, 2}	0.489	2.7	0.7	0.0	0.2	0.7
State motor vehicle registration and license fees ^{1, 2}	0.274	2.4	0.5	-0.1	0.0	0.5
Parking and other fees ^{1, 2}	0.194	3.2	1.0	0.3	0.4	1.0
Parking fees and tolls ^{2, 3}		2.8	0.8	-0.1	0.9	0.8
Public transportation.....	0.786	-13.2	-6.7	0.9	-6.8	-6.3
Airline fares.....	0.593	-18.6	-9.3	-3.0	-8.1	-8.1
Other intercity transportation.....	0.049	5.2	1.1	1.4	2.7	0.6
Ship fare ^{1, 2, 3}		8.9	1.4	2.7	2.6	1.4
Intracity transportation ¹	0.139	-0.3	1.7	-0.5	0.1	1.7
Intracity mass transit ^{1, 3, 8}		0.6	0.2	0.0	0.0	0.2
Recreation services ⁸	3.111	6.2	0.7	-0.1	0.5	0.8
Video and audio services ⁸	0.997	5.1	0.3	0.1	0.0	0.5
Cable, satellite, and live streaming television service ¹⁰	0.882	5.5	0.4	0.0	0.1	0.5
Purchase, subscription, and rental of video ^{1, 2}	0.115	2.6	0.1	1.4	-0.3	0.1
Video discs and other media ^{1, 2, 3}		7.1	1.7	6.8	0.8	1.7
Subscription and rental of video and video games ^{1, 2, 3}		5.1	0.5	-0.6	-0.7	0.5
Pet services including veterinary ²	0.556	9.8	0.6	-0.6	0.5	0.7
Pet services ^{1, 2, 3}		6.3	0.4	-0.3	0.0	0.4
Veterinarian services ^{2, 3}		10.6	0.1	-0.1	0.9	0.1
Photographers and photo processing ^{1, 2}	0.039	5.5	0.0	0.3	-0.1	0.0

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, July 2023 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
Other recreation services ²	1.517	5.9	1.0	-0.1	0.8	1.0
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{1, 2} ..	0.665	4.9	0.8	0.3	-0.2	0.8
Admissions ¹	0.430	4.7	1.3	-0.7	2.5	1.3
Admission to movies, theaters, and concerts ^{1, 2, 3}		4.7	0.1	-0.3	0.5	0.1
Admission to sporting events ^{1, 2, 3}		4.0	5.9	-3.7	5.5	5.9
Fees for lessons or instructions ^{1, 6}	0.189	14.2	1.1	0.1	0.1	1.1
Education and communication services ⁸	4.794	2.7	0.2	-0.2	-0.3	0.3
Tuition, other school fees, and childcare.....	2.136	3.5	0.3	0.1	0.2	0.3
College tuition and fees.....	1.164	2.0	0.2	0.2	0.0	0.2
Elementary and high school tuition and fees.....	0.308	5.0	1.0	0.7	1.5	1.1
Day care and preschool ⁹	0.564	6.0	0.1	-0.3	-0.2	0.3
Technical and business school tuition and fees ^{1, 2} ..	0.026	2.3	0.3	0.1	0.4	0.3
Postage and delivery services ²	0.073	5.1	-1.2	0.1	0.3	-1.0
Postage.....	0.063	5.3	-1.3	0.4	0.4	-1.0
Delivery services ²	0.011	2.7	-0.5	-1.5	0.0	-0.7
Telephone services ^{1, 2}	1.609	0.4	0.1	-0.5	-1.2	0.1
Wireless telephone services ^{1, 2}	1.367	-0.7	0.0	-0.6	-1.5	0.0
Residential telephone services ^{1, 8}	0.242	6.9	0.9	-0.3	0.2	0.9
Internet services and electronic information providers ^{1, 2}	0.970	4.7	0.5	0.0	0.3	0.5
Other personal services ^{1, 8}	1.457	6.0	-0.1	0.5	0.2	-0.1
Personal care services ¹	0.601	5.3	0.6	0.2	0.4	0.6
Haircuts and other personal care services ^{1, 2}	0.601	5.3	0.6	0.2	0.4	0.6
Miscellaneous personal services ¹	0.856	6.5	-0.5	0.7	0.1	-0.5
Legal services ^{1, 6}	0.245	4.6				
Funeral expenses ^{1, 6}	0.168	5.7	0.9	0.4	0.1	0.9
Laundry and dry cleaning services ^{1, 2}	0.142	5.3	0.2	1.0	-0.4	0.2
Apparel services other than laundry and dry cleaning ^{1, 2}	0.028	13.4	0.5	1.9	1.3	0.5
Financial services ^{1, 6}	0.193	9.3	-3.1	0.5	1.6	-3.1
Checking account and other bank services ^{1, 2, 3} ..		1.4	0.0	0.0	1.3	0.0
Tax return preparation and other accounting fees ^{1, 2, 3}		14.4	-4.6	0.7	1.8	-4.6

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, July 2023

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Jun. 2023	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2022	Jun. 2023	Jul. 2023	Jul. 2022- Jul. 2023	Jun. 2023- Jul. 2023	Apr. 2023- May 2023	May 2023- Jun. 2023	Jun. 2023- Jul. 2023
All items less food.....	86.600	294.363	302.406	302.932	2.9	0.2	0.1	0.2	0.2
All items less shelter.....	65.272	276.416	279.002	279.181	1.0	0.1	-0.1	0.1	0.0
All items less food and shelter.....	51.872	268.146	268.236	268.245	0.0	0.0	-0.2	0.1	0.0
All items less food, shelter, and energy.....	44.921	262.628	269.235	269.102	2.5	0.0	0.3	0.0	-0.1
All items less food, shelter, energy, and used cars and trucks.....	42.145	263.458	272.397	272.288	3.4	0.0	0.1	0.0	0.0
All items less medical care.....	92.164	284.084	293.396	294.037	3.5	0.2	0.1	0.2	0.2
All items less energy.....	93.049	296.702	310.054	310.611	4.7	0.2	0.4	0.1	0.2
Commodities.....	38.388	226.110	224.764	224.698	-0.6	0.0	-0.2	0.1	-0.1
Commodities less food, energy, and used cars and trucks.....	18.545	160.175	164.853	164.254	2.5	-0.4	0.0	0.0	-0.2
Commodities less food.....	24.988	188.836	182.692	182.317	-3.5	-0.2	-0.3	0.1	-0.2
Commodities less food and beverages.....	24.152	185.573	179.065	178.686	-3.7	-0.2	-0.4	0.1	-0.3
Services.....	61.612	364.465	383.972	385.231	5.7	0.3	0.3	0.3	0.3
Services less rent of shelter ¹	27.253	385.783	397.625	398.407	3.3	0.2	-0.2	0.2	0.2
Services less medical care services.....	55.235	346.527	367.946	369.411	6.6	0.4	0.3	0.3	0.4
Durables.....	12.572	129.856	128.392	128.029	-1.4	-0.3	0.3	-0.3	-0.3
Nondurables.....	25.816	275.627	274.711	274.970	-0.2	0.1	-0.6	-0.1	0.2
Nondurables less food.....	12.416	247.498	234.670	234.370	-5.3	-0.1	-1.4	0.5	-0.2
Nondurables less food and beverages.....	11.580	245.823	231.520	231.206	-5.9	-0.1	-1.5	0.5	-0.2
Nondurables less food, beverages, and apparel.....	9.053	325.961	299.444	299.782	-8.0	0.1	-2.0	0.5	-0.3
Nondurables less food and apparel.....	9.889	319.632	296.653	296.954	-7.1	0.1	-1.8	0.4	-0.2
Housing.....	44.464	302.327	320.002	321.087	6.2	0.3	0.2	0.3	0.4
Education and communication ²	5.685	143.150	144.900	144.919	1.2	0.0	-0.2	-0.2	0.0
Education ²	2.229	280.974	289.382	290.069	3.2	0.2	0.1	0.1	0.3
Communication ²	3.456	75.061	75.064	74.966	-0.1	-0.1	-0.3	-0.5	-0.1
Information and information processing ²	3.383	70.782	70.685	70.609	-0.2	-0.1	-0.3	-0.5	-0.1
Information technology, hardware and services ³	1.774	7.201	7.135	7.112	-1.2	-0.3	-0.1	0.2	-0.3
Recreation ²	5.361	131.087	136.300	136.401	4.1	0.1	-0.1	0.1	0.1
Video and audio ²	1.273	113.000	116.289	116.390	3.0	0.1	-0.1	-0.1	0.1
Pets, pet products and services ²	1.231	202.111	219.542	219.611	8.7	0.0	0.3	0.0	0.1
Photography ²	0.060	81.343	84.310	83.885	3.1	-0.5	0.3	0.3	-1.2
Food and beverages.....	14.236	306.278	320.120	321.020	4.8	0.3	0.2	0.1	0.2
Domestically produced farm food.....	7.171	303.324	312.614	314.057	3.5	0.5	0.1	-0.1	0.5
Other services.....	9.362	387.616	403.139	404.540	4.4	0.3	0.0	0.0	0.4
Apparel less footwear.....	2.023	115.879	122.399	121.207	4.6	-1.0	0.4	0.4	0.2
Fuels and utilities.....	4.515	305.797	303.365	304.077	-0.6	0.2	-1.1	0.3	0.2
Household energy.....	3.454	261.643	255.076	255.436	-2.4	0.1	-1.6	0.3	0.1
Medical care.....	7.836	549.562	547.432	546.698	-0.5	-0.1	0.1	0.0	-0.2
Transportation.....	17.189	278.958	270.146	270.602	-3.0	0.2	-0.2	0.2	-0.1
Private transportation.....	16.403	277.502	269.273	270.609	-2.5	0.5	-0.2	0.5	0.2
New and used motor vehicles ²	8.159	131.074	130.410	130.469	-0.5	0.0	1.2	-0.1	-0.5
Utilities and public transportation.....	7.621	254.496	254.447	253.149	-0.5	-0.5	-1.1	-0.6	0.0
Household furnishings and operations.....	5.222	144.291	148.702	148.453	2.9	-0.2	-0.6	-0.1	-0.1
Other goods and services.....	2.701	507.204	537.386	537.926	6.1	0.1	0.5	0.2	0.1
Personal care.....	2.205	258.315	273.929	273.964	6.1	0.0	0.5	0.2	0.0

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, July 2023
 [1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Jul. 2023 from:			Percent change to Jun. 2023 from:		
		Jul. 2022	May 2023	Jun. 2023	Jun. 2022	Apr. 2023	May 2023
U.S. city average.....	M	3.2	0.5	0.2	3.0	0.6	0.3
Region and area size²							
Northeast.....	M	2.6	0.5	0.2	2.2	0.5	0.3
Northeast - Size Class A.....	M	3.2	0.6	0.3	2.7	0.6	0.3
Northeast - Size Class B/C ³	M	1.9	0.4	0.1	1.6	0.4	0.4
New England ⁴	M	2.1	0.2	-0.1	1.8	0.0	0.2
Middle Atlantic ⁴	M	2.8	0.7	0.3	2.4	0.6	0.4
Midwest.....	M	2.9	0.7	0.3	2.4	0.6	0.4
Midwest - Size Class A.....	M	3.2	1.1	0.7	2.3	0.7	0.3
Midwest - Size Class B/C ³	M	2.8	0.5	0.1	2.4	0.6	0.4
East North Central ⁴	M	3.1	0.6	0.3	2.5	0.6	0.3
West North Central ⁴	M	2.5	1.0	0.3	2.3	0.7	0.6
South.....	M	3.4	0.5	0.2	3.3	0.5	0.3
South - Size Class A.....	M	3.7	0.4	0.1	3.7	0.7	0.3
South - Size Class B/C ³	M	3.2	0.5	0.2	3.0	0.4	0.3
South Atlantic ⁴	M	3.8	0.4	0.1	3.8	0.5	0.3
East South Central ⁴	M	3.6	0.7	0.2	3.3	0.8	0.4
West South Central ⁴	M	2.5	0.5	0.2	2.2	0.3	0.3
West.....	M	3.5	0.4	0.1	3.5	0.7	0.3
West - Size Class A.....	M	3.4	0.4	0.0	3.4	0.7	0.3
West - Size Class B/C ³	M	3.5	0.5	0.2	3.6	0.7	0.2
Mountain ⁴	M	3.5	0.1	0.2	3.7	0.1	-0.1
Pacific ⁴	M	3.5	0.5	0.1	3.4	0.9	0.4
Size classes							
Size Class A ⁵	M	3.4	0.5	0.2	3.1	0.7	0.3
Size Class B/C ³	M	3.0	0.5	0.2	2.8	0.5	0.3
Selected local areas							
Chicago-Naperville-Elgin, IL-IN-WI.....	M	2.2	0.0	0.0	2.1	0.4	0.1
Los Angeles-Long Beach-Anaheim, CA.....	M	2.7	0.4	0.0	2.5	0.6	0.5
New York-Newark-Jersey City, NY-NJ-PA.....	M	3.2	0.8	0.4	2.5	0.7	0.4
Atlanta-Sandy Springs-Roswell, GA.....	2				4.6	1.2	
Baltimore-Columbia-Towson, MD ⁶	2				2.8	0.2	
Detroit-Warren-Dearborn, MI.....	2				4.7	1.1	
Houston-The Woodlands-Sugar Land, TX.....	2				1.7	0.5	
Miami-Fort Lauderdale-West Palm Beach, FL.....	2				6.9	0.5	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	2				3.1	0.7	
Phoenix-Mesa-Scottsdale, AZ ⁷	2				4.4	0.2	
San Francisco-Oakland-Hayward, CA.....	2				2.9	0.5	
Seattle-Tacoma-Bellevue, WA.....	2				4.6	1.0	
St. Louis, MO-IL.....	2				3.1	1.3	
Urban Alaska.....	2				-3.3	0.4	
Boston-Cambridge-Newton, MA-NH.....	1	2.8	-0.1				
Dallas-Fort Worth-Arlington, TX.....	1	4.0	0.3				
Denver-Aurora-Lakewood, CO.....	1	4.7	1.3				
Minneapolis-St.Paul-Bloomington, MN-WI.....	1	1.0	0.4				
Riverside-San Bernardino-Ontario, CA ⁴	1	3.4	0.6				
San Diego-Carlsbad, CA.....	1	4.3	0.3				
Tampa-St. Petersburg-Clearwater, FL ⁸	1	5.9	-0.1				
Urban Hawaii.....	1	2.1	0.7				
Washington-Arlington-Alexandria, DC-VA-MD-WV ⁶	1	1.8	-0.1				

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, July 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.....	0.4	0.4	7.5	7.7
November 2022.....	-0.1	-0.1	7.0	7.1
December 2022.....	-0.2	-0.3	6.5	6.5
January 2023.....	0.8	0.8	6.4	6.4
February 2023.....	0.6	0.6	6.1	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

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, July 2023, 1-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 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	0.2		0.04	-	-
Food.....	13.400	0.2	0.032	0.09	L-May 2023	0.2
Food at home.....	8.582	0.3	0.024	0.13	L-Feb.2023	0.3
Cereals and bakery products.....	1.166	0.0	0.000	0.28	S-May 2023	0.0
Cereals and cereal products.....	0.365	0.3	0.001	0.45	L-Mar.2023	0.6
Flour and prepared flour mixes.....	0.062	-0.2	0.000	0.99	S-Jan.2023	-0.9
Breakfast cereal ⁴	0.147	0.2	0.000	0.86	S-May 2023	0.0
Rice, pasta, cornmeal.....	0.157	0.7	0.001	0.59	L-Jan.2023	0.9
Rice ^{4, 5, 6}		0.9		0.80	L-Jan.2023	1.4
Bakery products ⁴	0.800	0.3	0.002	0.37	L-Mar.2023	0.7
Bread ^{4, 5}	0.225	0.9	0.002	0.56	L-Feb.2023	1.2
White bread ^{4, 6}		0.9		0.85	L-Mar.2023	1.0
Bread other than white ^{4, 6}		0.9		0.78	-	-
Fresh biscuits, rolls, muffins ⁵	0.117	-0.7	-0.001	0.87	S-May 2023	-1.1
Cakes, cupcakes, and cookies ⁴	0.206	0.4	0.001	0.66	L-Mar.2023	0.7
Cookies ^{4, 6}		0.8		0.89	L-Feb.2023	0.9
Fresh cakes and cupcakes ^{4, 6}		-0.2		1.29	S-Dec.2022	-0.4
Other bakery products.....	0.252	-0.2	-0.001	0.79	S-Jun.2021	-0.6
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		-0.2		0.99	S-May 2023	-0.3
Crackers, bread, and cracker products ⁶		-1.3		1.05	S-Dec.2020	-2.6
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		0.3		1.31	L-Mar.2023	2.8
Meats, poultry, fish, and eggs.....	1.770	0.5	0.009	0.27	L-Jan.2023	0.7
Meats, poultry, and fish.....	1.654	0.7	0.011	0.28	L-May 2022	0.9
Meats.....	1.024	1.2	0.012	0.34	L-Nov.2021	1.7
Beef and veal.....	0.449	2.4	0.011	0.54	L-Sep.2021	3.7
Uncooked ground beef ⁴	0.161	1.5	0.002	0.67	S-Apr.2023	0.6
Uncooked beef roasts ⁵	0.057	6.5	0.004	1.57	L-May 2020	17.4
Uncooked beef steaks ⁵	0.188	2.3	0.004	0.83	L-Sep.2021	3.0
Uncooked other beef and veal ^{4, 5}	0.043	3.6	0.002	0.91	L-Sep.2021	5.2
Pork.....	0.324	0.0	0.000	0.56	L-Feb.2023	0.7
Bacon, breakfast sausage, and related products ⁵	0.137	-0.3	0.000	0.80	L-Mar.2023	0.3
Bacon and related products ⁶		-0.7		0.98	L-Mar.2023	1.0
Breakfast sausage and related products ^{5, 6}		0.6		1.08	L-Feb.2023	1.4
Ham.....	0.069	0.6	0.000	1.28	L-May 2023	1.6
Ham, excluding canned ⁶		0.5		1.75	L-May 2023	1.6
Pork chops ⁴	0.044	0.2	0.000	1.25	S-May 2023	-1.5
Other pork including roasts, steaks, and ribs ⁵	0.075	2.5	0.002	1.18	L-Sep.2022	3.1
Other meats.....	0.251	0.7	0.002	0.54	L-Mar.2023	0.9
Frankfurters ⁶		2.7		1.63	L-Dec.2022	3.1
Lunchmeats ^{4, 5, 6}		0.7		0.57	L-Mar.2023	1.3
Poultry ⁴	0.347	-0.4	-0.001	0.60	S-Mar.2023	-0.4
Chicken ^{4, 5}	0.277	-1.1	-0.003	0.71	S-Oct.2022	-1.3
Fresh whole chicken ^{4, 6}		-2.1		0.98	S-Sep.2020	-2.2
Fresh and frozen chicken parts ^{4, 6}		-0.6		0.87	S-Jan.2023	-1.0
Other uncooked poultry including turkey ⁵	0.070	3.1	0.002	1.16	L-Jan.2022	3.6
Fish and seafood.....	0.283	0.1	0.000	0.62	S-May 2023	-1.6
Fresh fish and seafood ^{4, 5}	0.138	-1.1	-0.001	0.84	S-Nov.2022	-1.4
Processed fish and seafood ⁵	0.146	0.5	0.001	0.89	S-May 2023	-2.0
Shelf stable fish and seafood ⁶		1.7		1.31	-	-
Frozen fish and seafood ⁶		-1.5		1.04	S-May 2023	-2.2

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Eggs ⁴	0.115	-2.2	-0.003	0.83	L-Apr.2023	-1.5
Dairy and related products.....	0.787	0.5	0.004	0.32	L-Nov.2022	1.1
Milk ⁵	0.193	-0.6	-0.001	0.47	S-May 2023	-0.6
Fresh whole milk ⁶		-0.6		0.62	S-May 2023	-1.0
Fresh milk other than whole ^{5, 6}		-0.4		0.51	S-May 2023	-0.5
Cheese and related products ⁴	0.240	0.5	0.001	0.53	L-Dec.2022	0.5
Ice cream and related products.....	0.119	1.5	0.002	0.86	L-Nov.2022	1.6
Other dairy and related products ⁵	0.234	0.2	0.000	0.69	S-May 2023	-1.3
Fruits and vegetables.....	1.478	0.4	0.006	0.38	S-Apr.2023	-0.5
Fresh fruits and vegetables.....	1.096	0.3	0.003	0.46	S-Apr.2023	-0.2
Fresh fruits.....	0.585	0.1	0.001	0.65	S-Apr.2023	-0.5
Apples.....	0.085	2.4	0.002	1.14	L-Nov.2022	2.4
Bananas ⁴	0.089	0.6	0.001	0.60	L-Feb.2023	1.7
Citrus fruits ⁵	0.170	1.7	0.003	1.19	L-Jan.2023	2.8
Oranges, including tangerines ⁶		1.6		1.53	L-Jan.2023	2.8
Other fresh fruits ⁵	0.241	-0.8	-0.002	1.15	S-Mar.2023	-2.7
Fresh vegetables.....	0.510	0.5	0.003	0.47	S-Apr.2023	0.3
Potatoes.....	0.090	0.7	0.001	0.97	—	—
Lettuce.....	0.070	0.0	0.000	1.22	L-May 2023	5.3
Tomatoes.....	0.081	0.4	0.000	1.08	S-Apr.2023	-2.0
Other fresh vegetables.....	0.270	0.7	0.002	0.65	L-May 2023	1.0
Processed fruits and vegetables ⁵	0.382	0.9	0.003	0.45	L-May 2023	1.0
Canned fruits and vegetables ⁵	0.194	1.5	0.003	0.73	L-Oct.2022	1.6
Canned fruits ^{5, 6}		0.4		0.82	S-Apr.2023	-0.6
Canned vegetables ^{5, 6}		2.0		0.83	L-Sep.2022	2.1
Frozen fruits and vegetables ⁵	0.112	0.3	0.000	0.72	S-Apr.2023	-2.0
Frozen vegetables ⁶		0.9		0.99	L-May 2023	1.4
Other processed fruits and vegetables including dried ⁵	0.076	0.2	0.000	0.70	L-May 2023	2.1
Dried beans, peas, and lentils ^{4, 5, 6}		0.4		0.82	L-May 2023	2.3
Nonalcoholic beverages and beverage materials.....	1.039	0.0	0.000	0.40	L-May 2023	0.7
Juices and nonalcoholic drinks ⁵	0.729	-0.2	-0.002	0.47	—	—
Carbonated drinks.....	0.304	0.0	0.000	0.84	L-Apr.2023	1.8
Frozen noncarbonated juices and drinks ^{4, 5}	0.009	1.5	0.000	0.97	L-May 2023	7.4
Nonfrozen noncarbonated juices and drinks ⁵	0.417	-0.4	-0.001	0.56	S-Apr.2023	-0.5
Beverage materials including coffee and tea ⁵	0.310	0.6	0.002	0.69	L-Jan.2023	0.9
Coffee.....	0.197	1.0	0.002	0.93	L-Jul.2022	3.4
Roasted coffee ⁶		1.3		1.09	L-Jul.2022	3.2
Instant coffee ^{4, 6}		-0.8		1.03	L-May 2023	0.6
Other beverage materials including tea ^{4, 5}	0.112	-0.2	0.000	0.76	S-Dec.2021	-0.7
Other food at home.....	2.344	0.2	0.004	0.23	L-May 2023	0.4
Sugar and sweets ⁴	0.306	0.2	0.001	0.49	S-Mar.2023	-0.2
Sugar and sugar substitutes.....	0.041	0.7	0.000	0.62	S-May 2023	0.5
Candy and chewing gum ^{4, 5}	0.195	0.1	0.000	0.72	S-Mar.2023	0.0
Other sweets ⁵	0.070	-0.3	0.000	0.82	S-Mar.2023	-1.3
Fats and oils.....	0.255	-0.2	0.000	0.60	L-May 2023	0.2
Butter and margarine ⁵	0.080	-0.7	-0.001	1.08	L-May 2023	0.1
Butter ⁶		1.0		1.34	L-Dec.2022	2.4
Margarine ^{4, 6}		-2.4		1.88	S-Nov.2021	-2.5
Salad dressing ⁵	0.059	0.7	0.000	1.21	L-Mar.2023	0.7
Other fats and oils including peanut butter ⁵	0.115	-0.5	-0.001	0.86	S-Jan.2023	-0.6
Peanut butter ^{4, 5, 6}		0.1		0.92	L-Apr.2023	0.8
Other foods.....	1.783	0.2	0.004	0.27	L-May 2023	0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Soups.....	0.109	-1.2	-0.001	1.22	S-Feb.2023	-1.3
Frozen and freeze dried prepared foods.....	0.271	0.5	0.001	0.56	L-Mar.2023	1.6
Snacks.....	0.373	1.0	0.004	0.62	L-Apr.2023	1.0
Spices, seasonings, condiments, sauces.....	0.359	0.0	0.000	0.48	S-Mar.2023	-0.3
Salt and other seasonings and spices ^{5, 6}		-0.9		0.91	S-Apr.2023	-1.7
Olives, pickles, relishes ^{4, 5, 6}		0.9		1.19	L-Mar.2023	1.1
Sauces and gravies ^{5, 6}		0.1		0.76	L-May 2023	1.1
Other condiments ⁶		1.6		1.27	L-May 2023	5.6
Baby food and formula ^{4, 5}	0.038	0.6	0.000	1.03	L-May 2023	1.2
Other miscellaneous foods ⁵	0.633	-0.2	-0.001	0.60	S-Apr.2023	-0.2
Prepared salads ^{7, 6}		0.7		1.16	L-Mar.2023	1.4
Food away from home ⁴	4.818	0.2	0.008	0.12	S-Mar.2021	0.1
Full service meals and snacks ^{4, 5}	2.304	0.2	0.004	0.13	S-Apr.2023	0.1
Limited service meals and snacks ^{4, 5}	2.244	0.2	0.005	0.15	S-Mar.2022	-0.2
Food at employee sites and schools ^{4, 5}	0.074	0.1	0.000	1.84	—	—
Food at elementary and secondary schools ^{4, 8, 6}						
Food from vending machines and mobile vendors ^{4, 5}	0.026	-0.3	0.000	0.50	S-Dec.2021	-1.5
Other food away from home ^{4, 5}	0.169	-0.3	0.000	0.14	S-Oct.2020	-0.7
Energy.....	6.951	0.1	0.008	0.20	S-May 2023	-3.6
Energy commodities.....	3.667	0.3	0.012	0.17	S-May 2023	-5.6
Fuel oil and other fuels.....	0.170	3.7	0.006	1.27	L-Oct.2022	9.9
Fuel oil ⁴	0.112	3.0	0.003	1.80	L-Oct.2022	19.8
Propane, kerosene, and firewood ⁹	0.058	-0.4	0.000	0.66	L-Apr.2023	1.0
Motor fuel.....	3.497	0.2	0.005	0.17	S-May 2023	-5.6
Gasoline (all types).....	3.415	0.2	0.006	0.17	S-May 2023	-5.6
Gasoline, unleaded regular ⁶		-0.6		0.73	S-May 2023	-5.3
Gasoline, unleaded midgrade ^{10, 6}		0.0		0.62	S-May 2023	-5.1
Gasoline, unleaded premium ⁶		-0.2		0.62	S-May 2023	-4.0
Other motor fuels ^{4, 5}	0.081	-0.8	-0.001	0.35	L-Nov.2022	2.3
Energy services.....	3.283	-0.1	-0.004	0.43	S-May 2023	-1.4
Electricity.....	2.574	-0.7	-0.018	0.40	S-May 2023	-1.0
Utility (piped) gas service.....	0.709	2.0	0.014	0.69	L-Jan.2023	6.7
All items less food and energy.....	79.649	0.2	0.127	0.04	—	—
Commodities less food and energy commodities.....	21.321	-0.3	-0.071	0.07	S-Mar.2022	-0.4
Household furnishings and supplies ¹¹	4.338	-0.4	-0.015	0.25	S-May 2023	-0.4
Window and floor coverings and other linens ⁵	0.306	-1.3	-0.004	1.13	S-Apr.2023	-1.7
Floor coverings ^{4, 5}	0.085	-1.0	-0.001	1.09	S-Oct.2022	-1.4
Window coverings ^{4, 5}	0.072	-1.1	-0.001	2.27	S-Apr.2023	-1.9
Other linens ⁵	0.149	-1.3	-0.002	1.59	L-May 2023	-0.1
Furniture and bedding ⁴	1.147	-0.4	-0.004	0.50	S-May 2023	-0.7
Bedroom furniture ⁴	0.375	0.8	0.003	0.71	L-Feb.2023	0.8
Living room, kitchen, and dining room furniture ^{4, 5}	0.558	-0.2	-0.001	0.80	S-May 2023	-1.3
Other furniture ⁵	0.207	-1.2	-0.002	1.00	S-Apr.2023	-3.6
Appliances ⁵	0.282	0.5	0.001	0.68	L-Mar.2023	0.7
Major appliances ⁵	0.100	-0.6	-0.001	1.08	L-Mar.2023	-0.1
Laundry equipment ^{4, 6}		-1.0		1.29	L-Apr.2023	0.2
Other appliances ^{4, 5}	0.180	0.1	0.000	0.78	L-May 2023	0.1
Other household equipment and furnishings ⁵	0.563	0.5	0.003	0.63	L-Sep.2022	0.9
Clocks, lamps, and decorator items ⁴	0.313	0.8	0.002	0.99	L-Apr.2023	1.0
Indoor plants and flowers ¹²	0.126	-1.8	-0.002	0.84	S-May 2023	-2.2
Dishes and flatware ^{4, 5}	0.041	0.9	0.000	1.37	S-May 2023	-1.6
Nonelectric cookware and tableware ⁵	0.084	-0.4	0.000	0.80	S-Apr.2023	-1.7

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 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 . . .	1.069	-0.7	-0.008	0.52	S-May 2023	-0.8
Tools, hardware and supplies ⁵	0.266	0.1	0.000	0.59	L-Mar.2023	0.4
Outdoor equipment and supplies ⁵	0.566	-1.2	-0.007	0.63	S-Jan.2021	-2.2
Housekeeping supplies ⁴	0.970	0.0	0.000	0.37	S-May 2023	-0.1
Household cleaning products ^{4, 5}	0.328	0.3	0.001	0.52	—	—
Household paper products ^{4, 5}	0.179	0.3	0.000	0.52	S-Feb.2023	-0.2
Miscellaneous household products ^{4, 5}	0.463	-0.3	-0.001	0.52	S-May 2023	-0.7
Apparel	2.526	0.0	-0.001	0.34	S-Oct.2022	-0.2
Men's and boys' apparel	0.663	0.0	0.000	0.57	S-Feb.2023	-0.4
Men's apparel	0.492	0.2	0.001	0.64	S-Feb.2023	-1.5
Men's suits, sport coats, and outerwear	0.068	-1.3	-0.001	1.73	S-Feb.2023	-4.7
Men's underwear, nightwear, swimwear, and accessories ⁴	0.180	-1.0	-0.002	0.75	S-Dec.2022	-1.4
Men's shirts and sweaters ⁵	0.114	1.5	0.002	1.19	L-Dec.2021	1.5
Men's pants and shorts	0.120	0.3	0.000	1.37	S-Feb.2023	-4.0
Boys' apparel	0.172	0.1	0.000	1.09	S-May 2023	-0.9
Women's and girls' apparel	1.025	0.2	0.002	0.63	L-May 2023	0.7
Women's apparel	0.856	-0.3	-0.003	0.64	S-Sep.2021	-1.8
Women's outerwear	0.050	0.3	0.000	1.66	L-May 2023	2.9
Women's dresses	0.093	-0.1	0.000	1.35	L-May 2023	3.7
Women's suits and separates ⁵	0.383	-0.6	-0.002	1.02	L-May 2023	1.5
Women's underwear, nightwear, swimwear, and accessories ⁵	0.319	0.7	0.002	0.94	S-May 2023	-1.3
Girls' apparel	0.169	2.4	0.004	1.48	L-Jan.2022	2.5
Footwear	0.503	-0.8	-0.004	0.43	S-Oct.2022	-0.9
Men's footwear ⁴	0.182	-1.0	-0.002	0.72	S-Mar.2023	-1.6
Boys' and girls' footwear	0.120	-1.1	-0.001	0.98	S-Jul.2021	-1.9
Women's footwear	0.201	-0.6	-0.001	0.63	L-May 2023	0.0
Infants' and toddlers' apparel	0.105	1.3	0.001	1.35	L-Jan.2023	3.7
Jewelry and watches ⁹	0.230	0.1	0.000	1.24	S-May 2023	-0.8
Watches ^{4, 9}	0.036	0.6	0.000	0.76	L-May 2023	1.2
Jewelry ⁹	0.193	-0.3	-0.001	1.66	S-May 2023	-1.3
Transportation commodities less motor fuel ¹¹	7.775	-0.5	-0.042	0.03	S-Feb.2023	-0.9
New vehicles	4.270	-0.1	-0.003	0.04	S-May 2023	-0.1
New cars ⁶		-0.1		0.11	L-Mar.2023	0.6
New trucks ^{13, 6}		-0.1		0.07	S-May 2023	-0.1
Used cars and trucks	2.776	-1.3	-0.037	0.02	S-Feb.2023	-2.8
Motor vehicle parts and equipment ⁴	0.479	-0.4	-0.002	0.37	S-Feb.2023	-0.5
Tires ⁴	0.328	0.1	0.000	0.47	S-Mar.2023	-0.1
Vehicle accessories other than tires ^{4, 5}	0.151	-1.3	-0.002	0.68	S-May 2023	-1.3
Vehicle parts and equipment other than tires ^{4, 6}		-1.7		0.86	S-Oct.2020	-2.0
Motor oil, coolant, and fluids ^{4, 6}		-2.0		0.65	L-May 2023	-1.0
Medical care commodities ⁴	1.460	0.5	0.007	0.21	L-May 2023	0.6
Medicinal drugs ^{4, 11}	1.344	0.6	0.008	0.22	L-Jan.2023	1.2
Prescription drugs ⁴	0.944	0.0	0.000	0.16	—	—
Nonprescription drugs ^{4, 11}	0.400	1.9	0.008	0.66	L-EVER	—
Medical equipment and supplies ^{4, 11}	0.116	-0.3	0.000	0.75	S-Jan.2023	-0.8
Recreation commodities ¹¹	2.250	-0.8	-0.018	0.23	S-Apr.2020	-0.9
Video and audio products ¹¹	0.275	-1.3	-0.003	0.47	S-Feb.2023	-1.4
Televisions	0.134	-1.4	-0.002	0.66	S-May 2023	-1.8
Other video equipment ⁵	0.016	1.7	0.000	1.02	L-Mar.2023	3.4
Audio equipment ⁴	0.056	-3.1	-0.002	0.92	S-Jan.2021	-3.3
Recorded music and music subscriptions ^{4, 5}	0.060	-0.2	0.000	0.58	S-Feb.2023	-0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 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	0.675	-0.4	-0.003	0.40	L-May 2023	1.0
Pet food ^{4, 5, 6}		-0.2		0.50	—	—
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		-0.5		0.77	—	—
Sporting goods ⁴	0.732	0.1	0.001	0.48	L-Feb.2023	0.2
Sports vehicles including bicycles ⁴	0.421	0.4	0.002	0.67	L-Feb.2023	0.6
Sports equipment ⁴	0.302	-0.2	0.000	0.57	L-Apr.2023	0.3
Photographic equipment and supplies.....	0.020	-3.3	-0.001	0.84	S-Jun.2018	-5.6
Photographic equipment ^{5, 6}		-3.5		0.99	S-Jun.2018	-4.1
Recreational reading materials ⁴	0.112	-1.1	-0.001	1.00	S-Sep.2022	-1.3
Newspapers and magazines ^{4, 5}	0.061	-2.8	-0.002	1.45	S-Mar.2022	-3.9
Recreational books ^{4, 5}	0.050	1.0	0.001	1.00	L-Apr.2023	1.4
Other recreational goods ⁵	0.436	-2.4	-0.010	0.57	S-EVER	—
Toys.....	0.347	-2.9	-0.010	0.65	S-EVER	—
Toys, games, hobbies and playground equipment ^{5, 6}		-3.3		0.72	S-EVER	—
Sewing machines, fabric and supplies ^{4, 5}	0.024	2.4	0.001	1.24	L-Apr.2023	7.2
Music instruments and accessories ^{4, 5}	0.054	-0.5	0.000	0.45	S-Dec.2022	-1.1
Education and communication commodities ¹¹	0.891	-1.2	-0.011	0.61	S-Nov.2022	-1.7
Educational books and supplies ⁴	0.093	-0.4	0.000	0.67	L-May 2023	0.5
College textbooks ^{4, 14, 6}		-0.3		0.95	L-May 2023	0.6
Information technology commodities ¹¹	0.798	-1.4	-0.011	0.69	S-Nov.2022	-1.9
Computers, peripherals, and smart home assistants ^{4, 7}	0.364	-1.4	-0.005	0.91	S-Dec.2022	-2.4
Computer software and accessories ^{4, 5}	0.022	-2.7	-0.001	1.80	S-Sep.2021	-3.5
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.412	-1.2	-0.005	0.96	S-Mar.2023	-1.3
Smartphones ^{4, 6, 15}		-1.6		1.18	S-Mar.2023	-2.6
Alcoholic beverages.....	0.836	0.1	0.001	0.20	L-May 2023	0.5
Alcoholic beverages at home.....	0.503	-0.1	0.000	0.24	L-May 2023	0.4
Beer, ale, and other malt beverages at home.....	0.194	-0.5	-0.001	0.39	S-Oct.2021	-0.7
Distilled spirits at home ⁴	0.086	0.8	0.001	0.31	L-Jan.2023	0.9
Whiskey at home ^{4, 6}		0.8		0.46	L-Nov.2022	0.9
Distilled spirits, excluding whiskey, at home ^{4, 6}		0.7		0.37	S-May 2023	0.2
Wine at home ⁴	0.224	0.0	0.000	0.40	L-May 2023	0.4
Alcoholic beverages away from home ⁴	0.333	0.2	0.001	0.25	S-Feb.2023	-0.3
Beer, ale, and other malt beverages away from home ^{4, 5, 6}		0.1		0.33	S-Feb.2023	0.1
Wine away from home ^{4, 5, 6}		0.2		0.41	S-Mar.2023	0.2
Distilled spirits away from home ^{4, 5, 6}		0.1		0.34	S-Feb.2023	-0.8
Other goods ¹¹	1.244	0.3	0.004	0.23	L-May 2023	0.6
Tobacco and smoking products ⁴	0.496	0.5	0.002	0.23	L-May 2023	0.6
Cigarettes ^{4, 5}	0.411	0.7	0.003	0.25	L-Mar.2023	1.0
Tobacco products other than cigarettes ^{4, 5}	0.079	-0.8	-0.001	0.57	S-Oct.2022	-1.1
Personal care products ⁴	0.603	0.5	0.003	0.35	L-May 2023	1.0
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.319	0.4	0.001	0.45	L-May 2023	1.5
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.273	0.6	0.002	0.44	L-Jan.2023	1.0
Miscellaneous personal goods ^{4, 5}	0.146	-1.0	-0.001	0.90	S-May 2023	-1.1
Stationery, stationery supplies, gift wrap ⁶		-0.8		0.94	S-Mar.2023	-1.1
Services less energy services.....	58.328	0.4	0.206	0.05	L-May 2023	0.4
Shelter.....	34.728	0.4	0.153	0.06	—	—
Rent of shelter ¹⁶	34.358	0.4	0.150	0.06	—	—
Rent of primary residence.....	7.569	0.4	0.032	0.05	S-Mar.2022	0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 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	1.250	-0.3	-0.004	1.24	L-May 2023	1.8
Housing at school, excluding board ¹⁶	0.158	0.9	0.001	0.05	L-Sep.2004	1.6
Other lodging away from home including hotels and motels.....	1.092	-0.5	-0.005	1.42	L-May 2023	2.1
Owners' equivalent rent of residences ¹⁶	25.540	0.5	0.125	0.05	L-May 2023	0.5
Owners' equivalent rent of primary residence ¹⁶ ..	24.148	0.5	0.117	0.05	L-May 2023	0.5
Tenants' and household insurance ^{4, 5}	0.370	0.1	0.000	0.14	S-May 2023	0.1
Water and sewer and trash collection services ⁵	1.061	0.5	0.005	0.12	L-May 2023	0.6
Water and sewerage maintenance.....	0.757	0.2	0.002	0.13	S-Apr.2023	0.2
Garbage and trash collection ^{4, 13}	0.304	1.1	0.003	0.16	L-May 2023	1.3
Household operations ^{4, 5}	0.883	1.8	0.016	0.23	L-May 2022	2.1
Domestic services ^{4, 5}	0.270	1.2	0.003	0.31	S-May 2023	-2.0
Gardening and lawncare services ^{4, 5}						
Moving, storage, freight expense ^{4, 5}	0.106	0.5	0.000	0.88	S-Feb.2023	-3.2
Repair of household items ^{4, 5}	0.115		0.010	0.18	-	-
Medical care services.....	6.377	-0.4	-0.025	0.10	S-Mar.2023	-0.5
Professional services.....	3.527	0.3	0.010	0.15	-	-
Physicians' services ⁴	1.792	0.2	0.003	0.18	S-May 2023	-0.5
Dental services.....	0.907	0.5	0.005	0.25	L-Jan.2023	0.5
Eyeglasses and eye care ^{4, 9}	0.310	0.0	0.000	0.36	S-Apr.2023	-0.1
Services by other medical professionals ^{4, 9}	0.518	0.6	0.003	0.21	L-May 2023	1.2
Hospital and related services ⁴	2.257	-0.2	-0.004	0.13	S-Mar.2023	-0.2
Hospital services ^{4, 17}	1.925	-0.4	-0.009	0.15	S-Mar.2023	-0.4
Inpatient hospital services ^{4, 17, 6}		-0.5		0.28	S-Mar.2023	-0.7
Outpatient hospital services ^{4, 9, 6}		-0.3		0.28	S-Nov.2021	-0.5
Nursing homes and adult day services ¹⁷	0.185	2.4	0.004	0.16	L-EVER	-
Care of invalids and elderly at home ^{4, 8}	0.147	0.5	0.001	0.24	L-Mar.2023	1.0
Health insurance ^{4, 8}	0.593	-4.1	-0.024	0.10	S-Mar.2023	-4.2
Transportation services.....	5.917	0.3	0.020	0.21	L-May 2023	0.8
Leased cars and trucks ^{4, 14}	0.741	-0.1	-0.001	0.84	S-May 2023	-1.6
Car and truck rental ⁵	0.123	-0.3	0.000	1.18	L-Jan.2023	3.0
Motor vehicle maintenance and repair ⁴	1.121	1.0	0.012	0.40	S-May 2023	0.6
Motor vehicle body work ⁴	0.057	0.2	0.000	0.30	-	-
Motor vehicle maintenance and servicing ⁴	0.575	0.9	0.005	0.51	L-May 2023	1.0
Motor vehicle repair ^{4, 5}	0.431	1.4	0.006	0.64	S-May 2023	0.3
Motor vehicle insurance.....	2.657	2.0	0.053	0.22	L-May 2023	2.0
Motor vehicle fees ^{4, 5}	0.489	0.7	0.003	0.22	L-Jan.2023	1.2
State motor vehicle registration and license fees ^{4, 5}	0.274	0.5	0.001	0.08	L-Jan.2023	1.0
Parking and other fees ^{4, 5}	0.194	1.0	0.002	0.47	L-Jan.2023	1.5
Parking fees and tolls ^{5, 6}		0.8		0.52	S-May 2023	-0.1
Public transportation.....	0.786	-6.3	-0.047	0.69	L-May 2023	0.9
Airline fares.....	0.593	-8.1	-0.045	0.95	-	-
Other intercity transportation.....	0.049	0.6	0.000	0.65	S-Apr.2023	-1.4
Ship fare ^{4, 5, 6}		1.4		0.90	S-Apr.2023	0.8
Intracity transportation ⁴	0.139	1.7	0.002	0.60	L-Dec.2022	1.8
Intracity mass transit ^{4, 11, 6}		0.2		0.07	L-Sep.2022	0.4
Recreation services ¹¹	3.111	0.8	0.024	0.20	L-Feb.2023	1.2
Video and audio services ¹¹	0.997	0.5	0.005	0.21	L-Apr.2023	0.6
Cable, satellite, and live streaming television service ¹³	0.882	0.5	0.005	0.18	L-Apr.2023	0.6
Purchase, subscription, and rental of video ^{4, 5}	0.115	0.1	0.000	0.91	L-May 2023	1.4
Video discs and other media ^{4, 5, 6}		1.7		1.97	L-May 2023	6.8

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 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}		0.5		0.49	L-Apr.2023	1.2
Pet services including veterinary ⁵	0.556	0.7	0.004	0.31	L-Apr.2023	2.7
Pet services ^{4, 5, 6}		0.4		0.53	L-Mar.2023	0.8
Veterinarian services ^{5, 6}		0.1		0.41	S-May 2023	-0.1
Photographers and photo processing ^{4, 5}	0.039	0.0	0.000	0.34	L-May 2023	0.3
Other recreation services ⁵	1.517	1.0	0.015	0.29	L-Dec.2022	1.1
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{4, 5}	0.665	0.8	0.006	0.18	L-Feb.2023	0.8
Admissions ⁴	0.430	1.3	0.006	0.69	S-May 2023	-0.7
Admission to movies, theaters, and concerts ^{4, 5, 6}		0.1		0.54	S-May 2023	-0.3
Admission to sporting events ^{4, 5, 6}		5.9		2.96	L-Nov.2022	7.5
Fees for lessons or instructions ^{4, 9}	0.189	1.1	0.002	0.38	L-Apr.2023	5.0
Education and communication services ¹¹	4.794	0.3	0.014	0.06	L-Mar.2023	0.3
Tuition, other school fees, and childcare.....	2.136	0.3	0.007	0.06	L-Apr.2023	0.3
College tuition and fees.....	1.164	0.2	0.002	0.07	L-May 2023	0.2
Elementary and high school tuition and fees.....	0.308	1.1	0.003	0.09	S-May 2023	0.7
Day care and preschool ¹²	0.564	0.3	0.002	0.19	L-Apr.2023	0.7
Technical and business school tuition and fees ^{4, 5}	0.026	0.3	0.000	0.14	S-May 2023	0.1
Postage and delivery services ⁵	0.073	-1.0	-0.001	0.06	S-Apr.2016	-1.4
Postage.....	0.063	-1.0	-0.001	0.00	S-Jan.2022	-1.0
Delivery services ⁵	0.011	-0.7	0.000	0.48	S-May 2023	-1.5
Telephone services ^{4, 5}	1.609	0.1	0.002	0.06	L-Jan.2023	0.2
Wireless telephone services ^{4, 5}	1.367	0.0	0.000	0.04	L-Apr.2023	0.0
Residential telephone services ^{4, 11}	0.242	0.9	0.002	0.21	L-Feb.2023	1.7
Internet services and electronic information providers ^{4, 5}	0.970	0.5	0.005	0.21	L-Mar.2023	0.9
Other personal services ^{4, 11}	1.457	-0.1	-0.001	0.18	S-Dec.2022	-0.2
Personal care services ⁴	0.601	0.6	0.003	0.34	L-Feb.2023	0.6
Haircuts and other personal care services ^{4, 5}	0.601	0.6	0.003	0.34	L-Feb.2023	0.6
Miscellaneous personal services ⁴	0.856	-0.5	-0.005	0.20	S-Jan.2021	-1.0
Legal services ^{4, 9}	0.245		0.000	0.18	—	—
Funeral expenses ^{4, 9}	0.168	0.9	0.002	0.19	L-Oct.2022	1.7
Laundry and dry cleaning services ^{4, 5}	0.142	0.2	0.000	0.36	L-May 2023	1.0
Apparel services other than laundry and dry cleaning ^{4, 5}	0.028	0.5	0.000	0.69	S-Apr.2023	0.2
Financial services ^{4, 9}	0.193	-3.1	-0.006	0.59	S-Jan.2021	-4.7
Checking account and other bank services ^{4, 5, 6}		0.0		0.13	S-May 2023	0.0
Tax return preparation and other accounting fees ^{4, 5, 6}		-4.6		0.81	S-Mar.2019	-6.9
Special aggregate indexes						
All items less food.....	86.600	0.2	0.135	0.04	—	—
All items less shelter.....	65.272	0.0	0.013	0.05	S-May 2023	-0.1
All items less food and shelter.....	51.872	0.0	-0.019	0.06	S-May 2023	-0.2
All items less food, shelter, and energy.....	44.921	-0.1	-0.026	0.05	S-May 2020	-0.3
All items less food, shelter, energy, and used cars and trucks.....	42.145	0.0	0.011	0.06	—	—
All items less medical care.....	92.164	0.2	0.185	0.04	—	—
All items less energy.....	93.049	0.2	0.159	0.04	L-May 2023	0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	One Month				
		Seasonally adjusted percent change Jun. 2023-Jul. 2023	Seasonally adjusted effect on All Items Jun. 2023-Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Commodities.....	38.388	-0.1	-0.027	0.06	S-May 2023	-0.2
Commodities less food, energy, and used cars and trucks.....	18.545	-0.2	-0.034	0.09	S-May 2020	-0.4
Commodities less food.....	24.988	-0.2	-0.059	0.08	S-May 2023	-0.3
Commodities less food and beverages.....	24.152	-0.3	-0.060	0.09	S-May 2023	-0.4
Services.....	61.612	0.3	0.202	0.05	—	—
Services less rent of shelter ¹⁶	27.253	0.2	0.046	0.08	—	—
Services less medical care services.....	55.235	0.4	0.227	0.06	L-Apr.2023	0.4
Durables.....	12.572	-0.3	-0.032	0.08	—	—
Nondurables.....	25.816	0.2	0.062	0.08	L-Apr.2023	0.5
Nondurables less food.....	12.416	-0.2	-0.020	0.12	S-May 2023	-1.4
Nondurables less food and beverages.....	11.580	-0.2	-0.022	0.13	S-May 2023	-1.5
Nondurables less food, beverages, and apparel.....	9.053	-0.3	-0.022	0.12	S-May 2023	-2.0
Nondurables less food and apparel.....	9.889	-0.2	-0.020	0.11	S-May 2023	-1.8
Housing.....	44.464	0.4	0.157	0.06	L-Feb.2023	0.5
Education and communication ⁵	5.685	0.0	0.003	0.10	L-Apr.2023	0.0
Education ⁵	2.229	0.3	0.007	0.07	L-Mar.2023	0.5
Communication ⁵	3.456	-0.1	-0.004	0.17	L-Apr.2023	-0.1
Information and information processing ⁵	3.383	-0.1	-0.004	0.17	L-Apr.2023	-0.1
Information technology, hardware and services ¹⁸	1.774	-0.3	-0.006	0.34	S-Dec.2022	-0.4
Recreation ⁵	5.361	0.1	0.007	0.15	—	—
Video and audio ⁵	1.273	0.1	0.001	0.20	L-Apr.2023	0.6
Pets, pet products and services ⁵	1.231	0.1	0.001	0.26	L-May 2023	0.3
Photography ⁵	0.060	-1.2	-0.001	0.47	S-Dec.2019	-1.2
Food and beverages.....	14.236	0.2	0.033	0.09	L-May 2023	0.2
Domestically produced farm food ⁴	7.171	0.5	0.033	0.14	L-Jan.2023	0.7
Other services.....	9.362	0.4	0.037	0.08	L-Apr.2023	0.5
Apparel less footwear.....	2.023	0.2	0.003	0.41	S-Apr.2023	0.2
Fuels and utilities.....	4.515	0.2	0.007	0.33	S-May 2023	-1.1
Household energy.....	3.454	0.1	0.002	0.42	S-May 2023	-1.6
Medical care.....	7.836	-0.2	-0.018	0.09	S-Mar.2023	-0.3
Transportation.....	17.189	-0.1	-0.017	0.10	S-May 2023	-0.2
Private transportation.....	16.403	0.2	0.031	0.10	S-May 2023	-0.2
New and used motor vehicles ⁵	8.159	-0.5	-0.041	0.11	S-Feb.2023	-0.6
Utilities and public transportation.....	7.621	0.0	-0.002	0.20	L-Jan.2023	1.3
Household furnishings and operations.....	5.222	-0.1	-0.003	0.21	—	—
Other goods and services.....	2.701	0.1	0.003	0.15	S-Dec.2022	-0.1
Personal care ⁴	2.205	0.0	0.000	0.17	S-Dec.2022	-0.1

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, July 2023, 12-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022-Jul. 2023	Unadjusted effect on All Items Jul. 2022-Jul. 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	L-May 2023	4.0
Food.....	13.400	4.9	0.650	0.19	S-Sep.2021	4.6
Food at home.....	8.582	3.6	0.303	0.26	S-Aug.2021	3.0
Cereals and bakery products.....	1.166	7.0	0.078	0.54	S-Jan.2022	6.8
Cereals and cereal products.....	0.365	5.8	0.021	0.87	S-Dec.2021	4.8
Flour and prepared flour mixes.....	0.062	8.5	0.005	2.29	S-Dec.2021	6.6
Breakfast cereal.....	0.147	5.1	0.007	1.37	S-Oct.2021	4.3
Rice, pasta, cornmeal.....	0.157	5.5	0.008	1.09	S-Jan.2022	5.0
Rice ^{4, 5}		6.5		1.25	S-May 2023	5.9
Bakery products.....	0.800	7.6	0.057	0.69	S-Jan.2022	7.2
Bread ⁴	0.225	9.5	0.020	1.07	S-May 2022	8.7
White bread ⁵		10.7		1.29	S-Jun.2022	10.1
Bread other than white ⁵		8.0		1.48	S-Feb.2022	7.3
Fresh biscuits, rolls, muffins ⁴	0.117	5.8	0.006	1.60	S-Dec.2021	4.7
Cakes, cupcakes, and cookies.....	0.206	6.9	0.013	1.33	S-Mar.2022	6.6
Cookies ⁵		7.9		1.61	S-Apr.2022	6.6
Fresh cakes and cupcakes ⁵		6.3		2.40	S-Dec.2021	5.9
Other bakery products.....	0.252	7.4	0.018	1.36	S-Dec.2021	6.5
Fresh sweetrolls, coffeecakes, doughnuts ⁵		5.4		2.06	S-Feb.2023	5.1
Crackers, bread, and cracker products ⁵		8.2		1.86	S-Nov.2021	5.9
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁵		8.0		1.78	S-Feb.2022	7.9
Meats, poultry, fish, and eggs.....	1.770	-0.2	-0.004	0.47	-	-
Meats, poultry, and fish.....	1.654	0.9	0.015	0.49	L-Apr.2023	1.5
Meats.....	1.024	1.9	0.019	0.54	L-Jan.2023	2.2
Beef and veal.....	0.449	5.3	0.022	0.84	L-May 2022	10.2
Uncooked ground beef.....	0.161	3.1	0.004	1.09	L-Sep.2022	3.9
Uncooked beef roasts ⁴	0.057	6.3	0.003	2.36	L-May 2022	11.0
Uncooked beef steaks ⁴	0.188	7.8	0.014	1.39	L-Apr.2022	11.8
Uncooked other beef and veal ⁴	0.043	1.6	0.001	1.90	L-Aug.2022	4.9
Pork.....	0.324	-3.7	-0.013	1.08	L-May 2023	-2.9
Bacon, breakfast sausage, and related products ⁴	0.137	-6.7	-0.011	1.30	S-Aug.2015	-8.2
Bacon and related products ⁵		-10.7		1.78	S-Jul.2015	-11.4
Breakfast sausage and related products ^{4, 5}		0.3		1.96	S-May 2019	-0.3
Ham.....	0.069	5.7	0.004	2.56	L-May 2023	8.2
Ham, excluding canned ⁵		6.1		2.65	L-May 2023	8.5
Pork chops.....	0.044	-2.4	-0.001	1.97	S-Apr.2023	-2.4
Other pork including roasts, steaks, and ribs ⁴	0.075	-6.8	-0.006	2.44	L-Apr.2023	-5.2
Other meats.....	0.251	4.1	0.010	1.03	L-May 2023	5.0
Frankfurters ⁵		3.3		3.05	L-Mar.2023	5.8
Lunchmeats ^{4, 5}		4.4		1.25	S-Nov.2021	4.4
Poultry.....	0.347	-0.2	-0.001	1.28	S-Sep.2019	-0.2
Chicken ⁴	0.277	-2.5	-0.007	1.34	S-Aug.2016	-3.2
Fresh whole chicken ⁵		0.4		2.82	S-Jun.2021	-0.8
Fresh and frozen chicken parts ⁵		-3.6		1.75	S-Jul.2016	-3.8
Other uncooked poultry including turkey ⁴	0.070	9.4	0.006	2.65	L-Apr.2023	11.9
Fish and seafood.....	0.283	-0.8	-0.002	1.00	L-Apr.2023	2.0
Fresh fish and seafood ⁴	0.138	-2.6	-0.004	1.48	S-Mar.2016	-2.6
Processed fish and seafood ⁴	0.146	1.0	0.001	1.31	L-Apr.2023	3.0
Shelf stable fish and seafood ⁵		4.8		1.98	L-Feb.2023	7.6
Frozen fish and seafood ⁵		-1.9		1.78	S-Mar.2020	-2.1
Eggs.....	0.115	-13.7	-0.019	2.30	S-Aug.2019	-15.9

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022- Jul. 2023	Unadjusted effect on All Items Jul. 2022- Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Dairy and related products.....	0.787	1.3	0.010	0.63	S-Sep.2021	0.6
Milk ⁴	0.193	-3.0	-0.006	1.05	S-Mar.2018	-3.9
Fresh whole milk ⁵		-4.5		1.33	S-Mar.2018	-5.1
Fresh milk other than whole ^{4, 5}		-2.0		1.24	S-Mar.2018	-2.8
Cheese and related products.....	0.240	-0.3	-0.001	0.90	S-Dec.2021	-0.6
Ice cream and related products.....	0.119	6.3	0.007	1.67	L-May 2023	8.0
Other dairy and related products ⁴	0.234	4.5	0.010	1.16	S-Feb.2022	4.2
Fruits and vegetables.....	1.478	2.9	0.041	0.64	S-May 2023	2.7
Fresh fruits and vegetables.....	1.096	1.2	0.012	0.78	L-Feb.2023	2.6
Fresh fruits.....	0.585	0.4	0.003	1.09	L-Feb.2023	0.4
Apples.....	0.085	7.5	0.006	1.97	L-May 2023	7.7
Bananas.....	0.089	0.0	0.000	1.38	S-Jun.2021	-0.3
Citrus fruits ⁴	0.170	-2.9	-0.004	2.19	L-Feb.2023	-1.2
Oranges, including tangerines ⁵		-3.6		2.24	L-Mar.2023	-3.1
Other fresh fruits ⁴	0.241	-0.1	0.000	1.87	S-May 2023	-0.7
Fresh vegetables.....	0.510	2.1	0.010	0.87	—	—
Potatoes.....	0.090	4.4	0.004	1.49	S-Mar.2022	3.4
Lettuce.....	0.070	6.6	0.002	1.85	L-May 2023	9.4
Tomatoes.....	0.081	2.0	0.001	2.00	L-Feb.2023	3.4
Other fresh vegetables.....	0.270	0.9	0.003	1.11	S-Apr.2023	0.4
Processed fruits and vegetables ⁴	0.382	8.1	0.029	0.74	S-Feb.2022	7.6
Canned fruits and vegetables ⁴	0.194	7.0	0.013	1.14	—	—
Canned fruits ^{4, 5}		7.7		1.47	S-Feb.2022	6.8
Canned vegetables ^{4, 5}		6.1		1.60	L-May 2023	6.9
Frozen fruits and vegetables ⁴	0.112	11.8	0.012	1.47	S-Aug.2022	11.4
Frozen vegetables ⁵		17.1		2.04	S-Dec.2022	16.4
Other processed fruits and vegetables including dried ⁴	0.076	5.7	0.004	1.53	S-Jan.2022	4.9
Dried beans, peas, and lentils ^{4, 5}		1.4		2.63	S-Apr.2023	-0.2
Nonalcoholic beverages and beverage materials.....	1.039	5.4	0.054	0.62	S-Jan.2022	5.0
Juices and nonalcoholic drinks ⁴	0.729	6.6	0.045	0.88	S-Feb.2022	6.1
Carbonated drinks.....	0.304	6.5	0.019	1.51	S-Feb.2022	5.4
Frozen noncarbonated juices and drinks ⁴	0.009	16.3	0.001	1.75	L-Oct.2007	17.3
Nonfrozen noncarbonated juices and drinks ⁴	0.417	6.4	0.025	1.14	S-Jan.2022	5.3
Beverage materials including coffee and tea ⁴	0.310	2.8	0.009	1.07	S-Aug.2021	2.3
Coffee.....	0.197	1.0	0.002	1.50	S-Jul.2021	0.5
Roasted coffee ⁵		1.1		1.67	S-Jul.2021	1.1
Instant coffee ⁵		0.6		2.12	S-Aug.2021	0.2
Other beverage materials including tea ⁴	0.112	6.1	0.006	1.52	S-Mar.2022	4.7
Other food at home.....	2.344	5.4	0.124	0.42	S-Oct.2021	4.1
Sugar and sweets.....	0.306	8.9	0.026	1.29	S-May 2022	8.1
Sugar and sugar substitutes.....	0.041	9.7	0.004	1.15	S-May 2022	9.3
Candy and chewing gum ⁴	0.195	11.1	0.020	1.67	S-Apr.2023	10.9
Other sweets ⁴	0.070	2.7	0.002	2.14	S-Aug.2021	2.3
Fats and oils.....	0.255	6.3	0.016	1.33	S-Aug.2021	5.5
Butter and margarine ⁴	0.080	2.2	0.002	1.78	S-Sep.2021	1.0
Butter ⁵		-1.1		2.76	L-May 2023	3.1
Margarine ⁵		11.3		2.94	S-Jan.2022	9.2
Salad dressing ⁴	0.059	9.2	0.005	1.80	S-Jan.2022	7.8
Other fats and oils including peanut butter ⁴	0.115	7.9	0.009	2.15	S-Aug.2021	6.6
Peanut butter ^{4, 5}		-1.7		2.67	S-Mar.2020	-1.9
Other foods.....	1.783	4.7	0.082	0.49	S-Oct.2021	3.9
Soups.....	0.109	3.7	0.004	2.49	S-Dec.2021	2.6
Frozen and freeze dried prepared foods.....	0.271	3.9	0.011	1.18	S-Sep.2021	3.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022-Jul. 2023	Unadjusted effect on All Items Jul. 2022-Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Snacks.....	0.373	3.7	0.014	1.08	S-Oct.2021	3.2
Spices, seasonings, condiments, sauces.....	0.359	6.2	0.021	0.88	S-Feb.2022	5.3
Salt and other seasonings and spices ^{4, 5}		2.0		1.57	S-Aug.2021	1.4
Olives, pickles, relishes ^{4, 5}		8.5		1.92	S-Feb.2022	5.5
Sauces and gravies ^{4, 5}		7.0		1.85	S-Feb.2022	5.2
Other condiments ⁵		15.4		2.25	L-May 2023	15.7
Baby food and formula ⁴	0.038	5.9	0.002	1.74	S-Sep.2021	4.4
Other miscellaneous foods ⁴	0.633	5.0	0.030	0.87	S-Oct.2021	4.7
Prepared salads ^{6, 5}		1.9		1.97	L-May 2023	4.2
Food away from home.....	4.818	7.1	0.347	0.41	S-Mar.2022	6.9
Full service meals and snacks ⁴	2.304	5.8	0.134	0.46	S-Sep.2021	5.2
Limited service meals and snacks ⁴	2.244	7.1	0.164	0.44	S-Jan.2023	6.7
Food at employee sites and schools ⁴	0.074	84.4	0.036	8.16	S-Aug.2022	23.7
Food at elementary and secondary schools ^{7, 5}						
Food from vending machines and mobile vendors ⁴	0.026	14.0	0.004	1.67	S-Jan.2023	13.8
Other food away from home ⁴	0.169	5.9	0.010	0.74	S-Feb.2023	5.7
Energy.....	6.951	-12.5	-1.113	0.49	L-May 2023	-11.7
Energy commodities.....	3.667	-20.3	-1.075	0.51	L-Apr.2023	-12.6
Fuel oil and other fuels.....	0.170	-21.2	-0.049	1.65	L-Apr.2023	-15.2
Fuel oil.....	0.112	-26.5	-0.043	2.30	L-Apr.2023	-20.2
Propane, kerosene, and firewood ⁸	0.058	-8.3	-0.005	1.75	L-May 2023	-6.1
Motor fuel.....	3.497	-20.2	-1.026	0.54	L-May 2023	-20.0
Gasoline (all types).....	3.415	-19.9	-0.992	0.55	L-May 2023	-19.7
Gasoline, unleaded regular ⁵		-20.3		0.88	L-May 2023	-20.3
Gasoline, unleaded midgrade ^{9, 5}		-18.6		0.96	L-May 2023	-17.7
Gasoline, unleaded premium ⁵		-16.8		0.95	L-May 2023	-15.6
Other motor fuels ⁴	0.081	-30.1	-0.034	0.77	L-May 2023	-26.2
Energy services.....	3.283	-1.1	-0.038	0.83	S-Dec.2019	-1.2
Electricity.....	2.574	3.0	0.077	1.16	S-Mar.2021	2.5
Utility (piped) gas service.....	0.709	-13.7	-0.115	1.15	L-May 2023	-11.0
All items less food and energy.....	79.649	4.7	3.640	0.13	S-Oct.2021	4.6
Commodities less food and energy commodities.....	21.321	0.8	0.173	0.22	S-Aug.2020	0.4
Household furnishings and supplies ¹⁰	4.338	2.2	0.091	0.58	S-Oct.2020	1.9
Window and floor coverings and other linens ⁴	0.306	-0.5	-0.002	2.38	S-Jul.2021	-1.1
Floor coverings ⁴	0.085	4.9	0.003	3.67	S-Oct.2021	3.9
Window coverings ⁴	0.072	-1.8	-0.001	4.81	S-Apr.2023	-3.0
Other linens ⁴	0.149	-2.8	-0.004	3.57	S-Aug.2021	-3.3
Furniture and bedding.....	1.147	-2.8	-0.030	1.48	S-Dec.2016	-2.8
Bedroom furniture.....	0.375	-1.1	-0.003	1.94	S-Feb.2021	-3.0
Living room, kitchen, and dining room furniture ⁴	0.558	-4.8	-0.026	2.32	S-Sep.2014	-4.8
Other furniture ⁴	0.207	-0.1	-0.001	2.83	L-Mar.2023	1.8
Appliances ⁴	0.282	-0.5	-0.001	1.60	L-May 2023	-0.2
Major appliances ⁴	0.100	-9.9	-0.010	3.05	L-Mar.2023	-7.9
Laundry equipment ⁵		-6.8		2.53	S-May 2020	-7.7
Other appliances ⁴	0.180	5.2	0.009	1.96	L-May 2023	5.8
Other household equipment and furnishings ⁴	0.563	-0.4	-0.002	1.93	L-May 2023	0.4
Clocks, lamps, and decorator items.....	0.313	0.9	0.003	3.33	L-May 2023	1.7
Indoor plants and flowers ¹¹	0.126	-0.1	-0.001	1.84	S-Mar.2020	-0.2
Dishes and flatware ⁴	0.041	-0.9	-0.001	3.50	L-Apr.2023	-0.5
Nonelectric cookware and tableware ⁴	0.084	-4.2	-0.003	2.19	S-Jun.2020	-5.7
Tools, hardware, outdoor equipment and supplies ⁴	1.069	7.4	0.070	1.32	S-Dec.2021	7.2
Tools, hardware and supplies ⁴	0.266	6.0	0.014	1.71	S-Nov.2021	6.0
Outdoor equipment and supplies ⁴	0.566	8.4	0.041	1.65	S-Nov.2022	8.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022- Jul. 2023	Unadjusted effect on All Items Jul. 2022- Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Housekeeping supplies.....	0.970	5.9	0.056	0.80	S-Jan.2022	3.5
Household cleaning products ⁴	0.328	5.5	0.018	1.17	S-Jan.2022	3.3
Household paper products ⁴	0.179	7.4	0.015	1.35	S-May 2022	7.3
Miscellaneous household products ⁴	0.463	5.5	0.023	1.41	S-Jan.2022	3.7
Apparel.....	2.526	3.2	0.080	0.80	L-May 2023	3.5
Men's and boys' apparel.....	0.663	4.3	0.028	1.45	L-Aug.2022	5.2
Men's apparel.....	0.492	4.6	0.022	1.65	L-Aug.2022	4.8
Men's suits, sport coats, and outerwear.....	0.068	-0.8	-0.001	4.48	S-Jul.2021	-6.1
Men's underwear, nightwear, swimwear, and accessories.....	0.180	6.0	0.010	1.84	L-Jun.2022	8.2
Men's shirts and sweaters ⁴	0.114	3.2	0.004	3.58	L-Sep.2022	4.2
Men's pants and shorts.....	0.120	7.7	0.009	2.80	S-Apr.2023	6.9
Boys' apparel.....	0.172	3.4	0.006	2.56	L-Mar.2023	3.4
Women's and girls' apparel.....	1.025	4.1	0.040	1.46	S-Mar.2023	4.1
Women's apparel.....	0.856	3.5	0.029	1.64	S-Jan.2023	3.5
Women's outerwear.....	0.050	5.3	0.002	3.41	L-May 2023	7.8
Women's dresses.....	0.093	-0.2	0.000	3.22	S-Jan.2023	-4.2
Women's suits and separates ⁴	0.383	1.1	0.004	2.03	S-Oct.2021	0.2
Women's underwear, nightwear, swimwear, and accessories ⁴	0.319	7.7	0.023	3.55	L-Nov.2022	8.6
Girls' apparel.....	0.169	7.2	0.011	3.35	L-Sep.2022	9.0
Footwear.....	0.503	-1.6	-0.010	1.11	S-Feb.2021	-2.3
Men's footwear.....	0.182	-1.2	-0.003	1.63	L-May 2023	-0.7
Boys' and girls' footwear.....	0.120	-1.3	-0.001	2.71	S-Mar.2021	-4.7
Women's footwear.....	0.201	-1.8	-0.006	1.66	S-Feb.2021	-3.0
Infants' and toddlers' apparel.....	0.105	5.7	0.006	3.96	L-Sep.2022	6.7
Jewelry and watches ⁸	0.230	6.5	0.016	2.61	L-May 2023	6.8
Watches ⁸	0.036	0.9	0.000	4.24	S-Apr.2023	0.2
Jewelry ⁸	0.193	7.5	0.016	3.21	L-May 2023	7.8
Transportation commodities less motor fuel ¹⁰	7.775	-1.3	-0.124	0.30	S-Mar.2023	-1.8
New vehicles.....	4.270	3.5	0.145	0.63	S-May 2021	3.3
New cars ⁵		2.9		1.00	S-Apr.2021	1.6
New trucks ^{12, 5}		3.7		0.94	S-May 2021	3.6
Used cars and trucks.....	2.776	-5.6	-0.286	0.12	S-Apr.2023	-6.6
Motor vehicle parts and equipment.....	0.479	2.9	0.012	1.28	S-May 2021	2.1
Tires.....	0.328	2.8	0.008	1.35	S-Apr.2021	2.7
Vehicle accessories other than tires ⁴	0.151	2.7	0.004	2.38	S-Jul.2021	2.6
Vehicle parts and equipment other than tires ⁵		2.6		2.81	S-Sep.2021	2.0
Motor oil, coolant, and fluids ⁵		1.3		2.06	S-Jun.2021	1.3
Medical care commodities.....	1.460	4.1	0.060	0.62	S-Apr.2023	4.0
Medicinal drugs ¹⁰	1.344	3.8	0.051	0.64	—	—
Prescription drugs.....	0.944	2.8	0.026	0.64	S-Mar.2023	2.7
Nonprescription drugs ¹⁰	0.400	6.2	0.025	1.49	L-May 2023	6.2
Medical equipment and supplies ¹⁰	0.116	8.5	0.009	1.66	S-Feb.2023	7.7
Recreation commodities ¹⁰	2.250	1.0	0.020	0.62	S-Mar.2021	0.8
Video and audio products ¹⁰	0.275	-4.6	-0.013	1.07	S-Mar.2023	-5.5
Televisions.....	0.134	-10.2	-0.014	1.13	S-May 2023	-11.5
Other video equipment ⁴	0.016	-0.6	-0.001	2.94	L-Nov.2021	2.0
Audio equipment.....	0.056	-2.0	-0.001	2.97	S-Apr.2022	-2.6
Recorded music and music subscriptions ⁴	0.060	4.3	0.002	1.26	S-Apr.2023	3.3
Pets and pet products.....	0.675	7.8	0.046	1.06	S-Apr.2022	7.2
Pet food ^{4, 5}		10.6		1.44	S-Jun.2022	10.3
Purchase of pets, pet supplies, accessories ^{4, 5}		3.6		1.87	S-Dec.2021	3.4
Sporting goods.....	0.732	-0.5	-0.006	1.29	L-Apr.2023	0.0

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022- Jul. 2023	Unadjusted effect on All Items Jul. 2022- Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Sports vehicles including bicycles.....	0.421	-0.2	-0.002	2.06	S-May 2023	-0.4
Sports equipment.....	0.302	-1.0	-0.004	1.60	L-Apr.2023	-1.0
Photographic equipment and supplies.....	0.020	-0.5	0.000	3.12	S-May 2019	-3.3
Photographic equipment ^{4, 5}		-2.0		4.24	S-May 2019	-2.6
Recreational reading materials.....	0.112	-1.2	-0.001	1.71	S-Jan.2018	-1.4
Newspapers and magazines ⁴	0.061	-1.7	-0.001	2.69	S-EVER	—
Recreational books ⁴	0.050	-0.4	0.000	2.26	L-May 2023	0.9
Other recreational goods ⁴	0.436	-1.5	-0.006	1.45	S-Feb.2021	-2.8
Toys.....	0.347	-2.9	-0.010	1.66	S-Jan.2021	-4.1
Toys, games, hobbies and playground equipment ^{4, 5}		-1.8		2.97	S-Oct.2020	-2.0
Sewing machines, fabric and supplies ⁴	0.024	-0.1	0.000	3.77	L-May 2023	1.7
Music instruments and accessories ⁴	0.054	9.7	0.005	1.91	S-May 2023	7.3
Education and communication commodities ¹⁰	0.891	-7.8	-0.066	1.55	S-Apr.2023	-8.3
Educational books and supplies.....	0.093	-3.0	-0.003	2.75	S-Feb.2020	-3.2
College textbooks ^{13, 5}		-3.6		2.11	S-Nov.2019	-3.8
Information technology commodities ¹⁰	0.798	-8.5	-0.063	1.94	S-Apr.2023	-9.4
Computers, peripherals, and smart home assistants ⁶	0.364	-4.9	-0.017	3.10	L-May 2023	-4.2
Computer software and accessories ⁴	0.022	-7.3	-0.002	3.17	S-Oct.2020	-13.4
Telephone hardware, calculators, and other consumer information items ⁴	0.412	-11.8	-0.045	2.23	S-Apr.2023	-13.7
Smartphones ^{5, 14}		-17.6		3.27	S-Apr.2023	-20.0
Alcoholic beverages.....	0.836	4.1	0.035	0.56	S-Sep.2022	4.1
Alcoholic beverages at home.....	0.503	2.7	0.015	0.65	S-May 2022	2.7
Beer, ale, and other malt beverages at home.....	0.194	4.3	0.009	0.85	S-Jun.2022	4.3
Distilled spirits at home.....	0.086	2.1	0.002	0.64	L-Mar.2023	2.1
Whiskey at home ⁵		1.8		1.47	L-Aug.2022	3.0
Distilled spirits, excluding whiskey, at home ⁵		1.9		1.03	S-May 2023	1.3
Wine at home.....	0.224	1.6	0.004	1.04	S-Apr.2022	1.5
Alcoholic beverages away from home.....	0.333	6.4	0.020	1.01	S-May 2023	6.3
Beer, ale, and other malt beverages away from home ^{4, 5}		4.5		1.15	S-Dec.2021	3.9
Wine away from home ^{4, 5}		6.9		1.11	L-Apr.2023	7.0
Distilled spirits away from home ^{4, 5}		8.1		1.24	L-EVER	—
Other goods ¹⁰	1.244	6.1	0.077	0.49	—	—
Tobacco and smoking products.....	0.496	6.1	0.030	0.73	L-May 2023	6.3
Cigarettes ⁴	0.411	6.2	0.026	0.72	L-May 2023	6.3
Tobacco products other than cigarettes ⁴	0.079	4.9	0.004	1.50	S-Mar.2023	3.8
Personal care products.....	0.603	6.3	0.038	0.66	S-Aug.2022	6.0
Hair, dental, shaving, and miscellaneous personal care products ⁴	0.319	7.6	0.024	0.81	S-Aug.2022	7.6
Cosmetics, perfume, bath, nail preparations and implements.....	0.273	5.0	0.014	0.99	S-Mar.2023	4.2
Miscellaneous personal goods ⁴	0.146	4.7	0.009	2.04	L-Apr.2023	7.5
Stationery, stationery supplies, gift wrap ⁵		9.3		3.36	S-Aug.2022	9.3
Services less energy services.....	58.328	6.1	3.467	0.16	S-Aug.2022	6.1
Shelter.....	34.728	7.7	2.527	0.23	S-Dec.2022	7.5
Rent of shelter ¹⁵	34.358	7.8	2.523	0.24	S-Dec.2022	7.6
Rent of primary residence.....	7.569	8.0	0.582	0.21	S-Nov.2022	7.9
Lodging away from home ⁴	1.250	6.0	0.095	2.31	L-Mar.2023	7.3
Housing at school, excluding board ¹⁵	0.158	3.2	0.004	0.31	L-Jul.2014	3.2
Other lodging away from home including hotels and motels.....	1.092	6.6	0.091	2.63	L-Mar.2023	8.1
Owners' equivalent rent of residences ¹⁵	25.540	7.7	1.846	0.24	S-Dec.2022	7.5

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022- Jul. 2023	Unadjusted effect on All Items Jul. 2022- Jul. 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 . . .	24.148	7.7	1.749	0.24	S-Dec.2022	7.5
Tenants' and household insurance ⁴	0.370	1.0	0.004	0.68	—	—
Water and sewer and trash collection services ⁴	1.061	5.8	0.061	0.37	L-Nov.2012	5.9
Water and sewerage maintenance.....	0.757	4.7	0.035	0.44	S-Feb.2023	4.6
Garbage and trash collection ¹²	0.304	8.8	0.026	0.80	L-Nov.1992	9.2
Household operations ⁴	0.883		0.054	0.80	—	—
Domestic services ⁴	0.270		0.016	1.50	—	—
Gardening and lawncare services ⁴						
Moving, storage, freight expense ⁴	0.106	-0.8	-0.001	3.46	S-May 2023	-0.9
Repair of household items ⁴	0.115		0.024	0.96	—	—
Medical care services.....	6.377	-1.5	-0.102	0.39	S-EVER	—
Professional services.....	3.527	1.9	0.067	0.52	L-May 2023	2.0
Physicians' services.....	1.792	0.4	0.007	0.85	S-May 2023	-0.1
Dental services.....	0.907	5.1	0.045	1.14	L-May 2023	6.6
Eyeglasses and eye care ⁸	0.310	2.4	0.008	0.94	L-Oct.2022	4.6
Services by other medical professionals ⁸	0.518	0.9	0.007	2.53	L-Dec.2022	2.1
Hospital and related services.....	2.257	3.4	0.080	0.49	S-Apr.2023	3.3
Hospital services ¹⁶	1.925	3.1	0.062	0.52	S-Apr.2023	2.9
Inpatient hospital services ^{16, 5}		2.6		1.01	S-Apr.2023	2.6
Outpatient hospital services ^{8, 5}		4.9		0.87	S-May 2023	4.9
Nursing homes and adult day services ¹⁶	0.185	5.6	0.010	0.63	L-Apr.2023	5.6
Care of invalids and elderly at home ⁷	0.147	4.7	0.007	1.24	S-Nov.2022	3.8
Health insurance ⁷	0.593	-29.5	-0.249	0.40	S-EVER	—
Transportation services.....	5.917	9.0	0.513	0.68	L-May 2023	10.2
Leased cars and trucks ¹³	0.741	10.8	0.082	2.86	S-Jan.2021	-3.6
Car and truck rental ⁴	0.123	-7.2	-0.012	2.36	L-Feb.2023	-0.8
Motor vehicle maintenance and repair.....	1.121	12.7	0.131	0.90	—	—
Motor vehicle body work.....	0.057	5.4	0.003	1.25	S-Jun.2021	5.1
Motor vehicle maintenance and servicing.....	0.575	8.8	0.049	1.22	L-May 2023	9.9
Motor vehicle repair ⁴	0.431	19.5	0.073	1.70	S-Mar.2023	17.4
Motor vehicle insurance.....	2.657	17.8	0.422	1.06	L-Dec.1976	22.4
Motor vehicle fees ⁴	0.489	2.7	0.013	0.71	—	—
State motor vehicle registration and license fees ⁴	0.274	2.4	0.007	0.62	S-Nov.2022	2.3
Parking and other fees ⁴	0.194	3.2	0.006	1.03	L-Dec.2021	3.7
Parking fees and tolls ^{4, 5}		2.8		1.37	L-Sep.2022	3.3
Public transportation.....	0.786	-13.2	-0.123	1.43	L-May 2023	-8.9
Airline fares.....	0.593	-18.6	-0.126	2.20	L-May 2023	-13.4
Other intercity transportation.....	0.049	5.2	0.003	1.61	L-Sep.2021	7.5
Ship fare ^{4, 5}		8.9		2.38	L-Sep.2021	10.8
Intracity transportation.....	0.139	-0.3	-0.001	1.93	L-Apr.2023	0.0
Intracity mass transit ^{10, 5}		0.6		0.54	L-Oct.2022	1.3
Recreation services ¹⁰	3.111	6.2	0.190	0.48	L-Apr.2023	6.4
Video and audio services ¹⁰	0.997	5.1	0.051	0.65	L-Apr.2023	5.7
Cable, satellite, and live streaming television service ¹²	0.882	5.5	0.048	0.60	L-Apr.2023	5.8
Purchase, subscription, and rental of video ⁴	0.115	2.6	0.003	4.14	S-Apr.2022	1.3
Video discs and other media ^{4, 5}		7.1		5.83	S-Mar.2023	7.0
Subscription and rental of video and video games ^{4, 5}		5.1		1.58	L-May 2023	5.1
Pet services including veterinary ⁴	0.556	9.8	0.051	0.97	S-Mar.2023	8.6
Pet services ^{4, 5}		6.3		1.28	—	—
Veterinarian services ^{4, 5}		10.6		1.62	S-Apr.2023	10.2
Photographers and photo processing ⁴	0.039	5.5	0.002	2.07	L-Mar.2023	6.5

See footnotes at end of table.

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

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022- Jul. 2023	Unadjusted effect on All Items Jul. 2022- Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Other recreation services ⁴	1.517	5.9	0.086	0.79	L-Feb.2023	5.9
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ⁴	0.665	4.9	0.031	0.64	L-Feb.2023	5.6
Admissions.....	0.430	4.7	0.021	1.82	S-May 2023	4.6
Admission to movies, theaters, and concerts ^{4, 5}		4.7		1.37	S-Mar.2022	4.6
Admission to sporting events ^{4, 5}		4.0		7.63	L-Apr.2023	4.4
Fees for lessons or instructions ⁸	0.189	14.2	0.024	1.10	L-EVER	—
Education and communication services ¹⁰	4.794	2.7	0.140	0.18	L-May 2023	2.8
Tuition, other school fees, and childcare.....	2.136	3.5	0.082	0.28	L-May 2023	3.6
College tuition and fees.....	1.164	2.0	0.028	0.41	—	—
Elementary and high school tuition and fees.....	0.308	5.0	0.015	0.34	L-Aug.2009	5.2
Day care and preschool ¹¹	0.564	6.0	0.035	0.54	L-May 2023	6.4
Technical and business school tuition and fees ⁴	0.026	2.3	0.001	1.19	L-Apr.2023	2.3
Postage and delivery services ⁴	0.073	5.1	0.004	0.66	S-Dec.2022	4.6
Postage.....	0.063	5.3	0.004	0.70	S-Dec.2022	3.6
Delivery services ⁴	0.011	2.7	0.000	1.53	S-Jan.2021	2.5
Telephone services ⁴	1.609	0.4	0.010	0.17	L-May 2023	1.4
Wireless telephone services ⁴	1.367	-0.7	-0.008	0.17	—	—
Residential telephone services ¹⁰	0.242	6.9	0.018	0.91	L-Feb.2023	6.9
Internet services and electronic information providers ⁴	0.970	4.7	0.044	0.58	L-May 2009	4.8
Other personal services ¹⁰	1.457	6.0	0.083	0.51	S-Mar.2023	5.3
Personal care services.....	0.601	5.3	0.030	0.87	L-Apr.2023	5.3
Haircuts and other personal care services ⁴	0.601	5.3	0.030	0.87	L-Apr.2023	5.3
Miscellaneous personal services.....	0.856	6.5	0.053	0.55	S-Mar.2023	5.2
Legal services ⁹	0.245	4.6	0.011	0.86	S-Jan.2022	3.3
Funeral expenses ⁹	0.168	5.7	0.009	0.46	L-Jul.2006	5.7
Laundry and dry cleaning services ⁴	0.142	5.3	0.008	1.28	S-Jul.2021	4.4
Apparel services other than laundry and dry cleaning ⁴	0.028	13.4	0.003	1.84	S-Apr.2023	9.2
Financial services ⁹	0.193	9.3	0.016	1.18	S-Apr.2023	8.4
Checking account and other bank services ^{4, 5}		1.4		1.96	—	—
Tax return preparation and other accounting fees ^{4, 5}		14.4		1.61	S-Feb.2023	7.1
Special aggregate indexes						
All items less food.....	86.600	2.9	2.528	0.14	L-May 2023	3.6
All items less shelter.....	65.272	1.0	0.651	0.13	L-May 2023	2.1
All items less food and shelter.....	51.872	0.0	0.000	0.15	L-May 2023	1.0
All items less food, shelter, and energy.....	44.921	2.5	1.113	0.15	S-Mar.2021	1.6
All items less food, shelter, energy, and used cars and trucks.....	42.145	3.4	1.400	0.16	S-Sep.2021	3.4
All items less medical care.....	92.164	3.5	3.220	0.13	L-May 2023	4.3
All items less energy.....	93.049	4.7	4.290	0.12	S-Oct.2021	4.7
Commodities.....	38.388	-0.6	-0.251	0.14	L-May 2023	0.6
Commodities less food, energy, and used cars and trucks.....	18.545	2.5	0.460	0.26	S-Apr.2021	2.0
Commodities less food.....	24.988	-3.5	-0.902	0.19	L-May 2023	-2.4
Commodities less food and beverages.....	24.152	-3.7	-0.936	0.20	L-May 2023	-2.7
Services.....	61.612	5.7	3.429	0.18	—	—
Services less rent of shelter ¹⁵	27.253	3.3	0.906	0.21	L-May 2023	4.2
Services less medical care services.....	55.235	6.6	3.531	0.19	—	—
Durables.....	12.572	-1.4	-0.171	0.30	S-Feb.2023	-1.8

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2023	Twelve Month				
		Unadjusted percent change Jul. 2022- Jul. 2023	Unadjusted effect on All Items Jul. 2022- Jul. 2023 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Nondurables.....	25.816	-0.2	-0.080	0.16	L-May 2023	1.0
Nondurables less food.....	12.416	-5.3	-0.731	0.26	L-May 2023	-4.6
Nondurables less food and beverages.....	11.580	-5.9	-0.765	0.28	L-May 2023	-5.2
Nondurables less food, beverages, and apparel.....	9.053	-8.0	-0.845	0.32	L-May 2023	-7.3
Nondurables less food and apparel.....	9.889	-7.1	-0.811	0.28	L-May 2023	-6.4
Housing.....	44.464	6.2	2.647	0.22	S-Feb.2022	5.9
Education and communication ⁴	5.685	1.2	0.074	0.28	L-May 2023	1.5
Education ⁴	2.229	3.2	0.079	0.29	L-May 2023	3.4
Communication ⁴	3.456	-0.1	-0.005	0.41	L-May 2023	0.1
Information and information processing ⁴	3.383	-0.2	-0.009	0.41	L-May 2023	0.0
Information technology, hardware and services ¹⁷	1.774	-1.2	-0.019	0.81	L-Jun.2022	-1.2
Recreation ⁴	5.361	4.1	0.210	0.38	S-Oct.2022	4.1
Video and audio ⁴	1.273	3.0	0.038	0.59	L-Apr.2023	3.5
Pets, pet products and services ⁴	1.231	8.7	0.098	0.70	S-May 2022	8.1
Photography ⁴	0.060	3.1	0.002	1.76	S-Feb.2022	2.0
Food and beverages.....	14.236	4.8	0.685	0.19	S-Sep.2021	4.5
Domestically produced farm food.....	7.171	3.5	0.252	0.30	S-Aug.2021	3.0
Other services.....	9.362	4.4	0.413	0.20	L-Apr.2023	4.7
Apparel less footwear.....	2.023	4.6	0.090	1.00	L-Sep.2022	6.0
Fuels and utilities.....	4.515	-0.6	-0.025	0.62	L-May 2023	0.9
Household energy.....	3.454	-2.4	-0.086	0.80	L-May 2023	-0.5
Medical care.....	7.836	-0.5	-0.042	0.34	S-Sep.1940	-1.0
Transportation.....	17.189	-3.0	-0.637	0.30	L-May 2023	-2.0
Private transportation.....	16.403	-2.5	-0.513	0.29	L-May 2023	-1.6
New and used motor vehicles ⁴	8.159	-0.5	-0.066	0.35	S-Feb.2023	-1.3
Utilities and public transportation.....	7.621	-0.5	-0.042	0.41	L-May 2023	1.1
Household furnishings and operations.....	5.222	2.9	0.145	0.49	S-Feb.2021	2.6
Other goods and services.....	2.701	6.1	0.160	0.33	S-Mar.2023	6.1
Personal care.....	2.205	6.1	0.130	0.36	S-Mar.2023	5.9

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.