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CONSUMER PRICE INDEX – SEPTEMBER 2024

The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.2 percent on a seasonally adjusted basis, the same increase as in August and July, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index increased 2.4 percent before seasonal adjustment.

The index for shelter rose 0.2 percent in September, and the index for food increased 0.4 percent. Together, these two indexes contributed over 75 percent of the monthly all items increase. The food at home index increased 0.4 percent in September and the food away from home index rose 0.3 percent over the month. The energy index fell 1.9 percent over the month, after declining 0.8 percent the preceding month.

The index for all items less food and energy rose 0.3 percent in September, as it did the preceding month. Indexes which increased in September include shelter, motor vehicle insurance, medical care, apparel, and airline fares. The indexes for recreation and communication were among those that decreased over the month.

The all items index rose 2.4 percent for the 12 months ending September, the smallest 12-month increase since February 2021. The all items less food and energy index rose 3.3 percent over the last 12 months. The energy index decreased 6.8 percent for the 12 months ending September. The food index increased 2.3 percent over the last year.

Chart 1. One-month percent change in CPI for All Urban Consumers (CPI-U), seasonally adjusted, Sep. 2023 - Sep. 2024
 Percent change

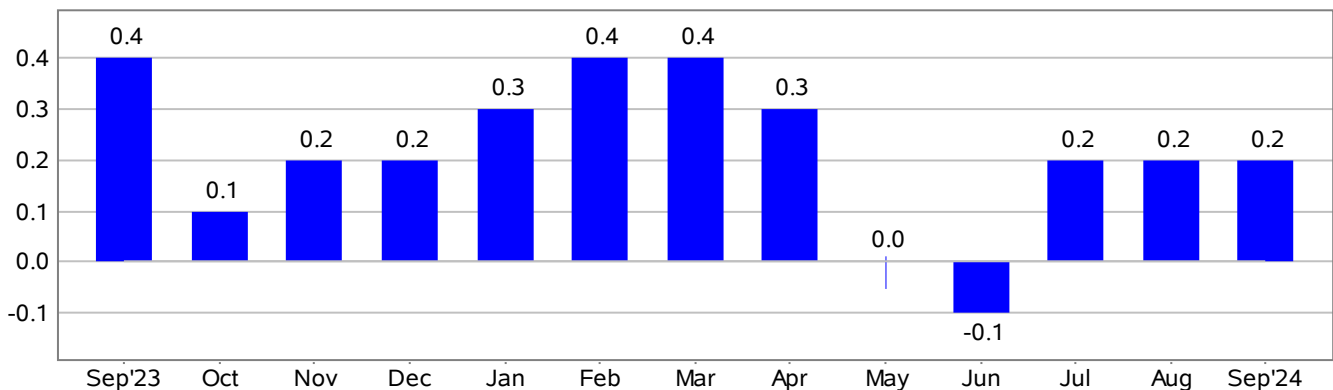


Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, Sep. 2023 - Sep. 2024

Percent change

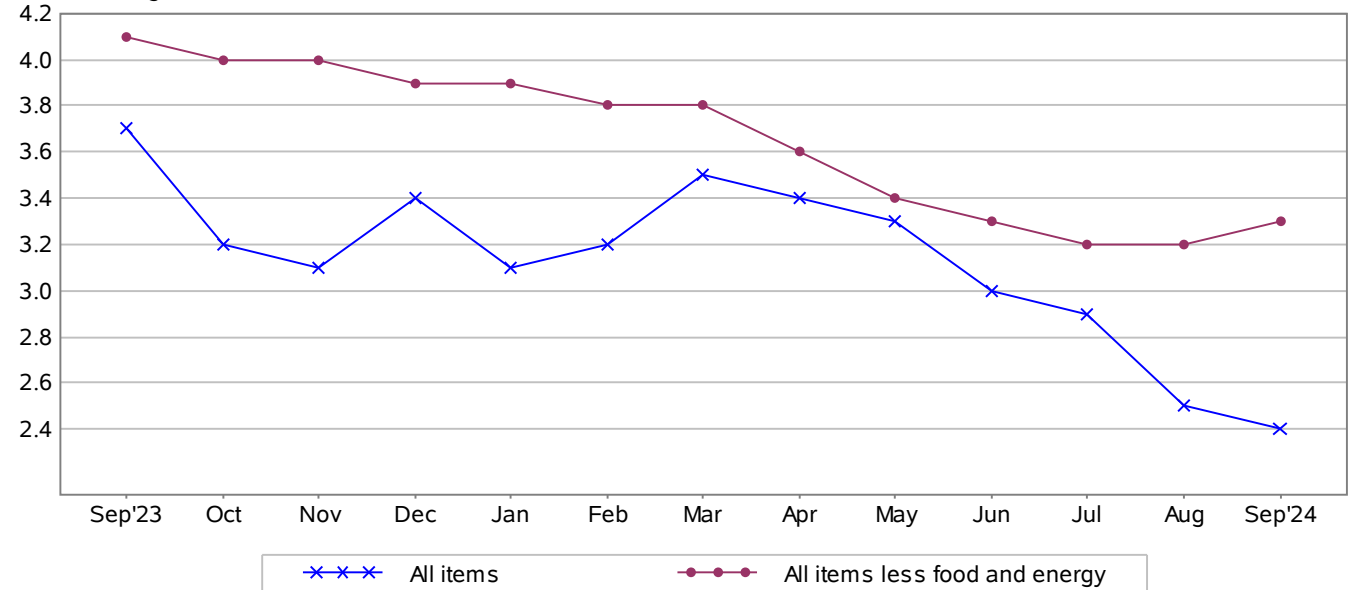


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Sep. 2024
	Mar. 2024	Apr. 2024	May 2024	Jun. 2024	Jul. 2024	Aug. 2024	Sep. 2024	
All items.....	0.4	0.3	0.0	-0.1	0.2	0.2	0.2	2.4
Food.....	0.1	0.0	0.1	0.2	0.2	0.1	0.4	2.3
Food at home.....	0.0	-0.2	0.0	0.1	0.1	0.0	0.4	1.3
Food away from home ¹	0.3	0.3	0.4	0.4	0.2	0.3	0.3	3.9
Energy.....	1.1	1.1	-2.0	-2.0	0.0	-0.8	-1.9	-6.8
Energy commodities.....	1.5	2.7	-3.5	-3.7	0.1	-0.6	-4.0	-15.3
Gasoline (all types).....	1.7	2.8	-3.6	-3.8	0.0	-0.6	-4.1	-15.3
Fuel oil.....	-1.3	0.9	-0.4	-2.4	0.9	-1.9	-6.0	-22.4
Energy services.....	0.7	-0.7	-0.2	-0.1	-0.1	-0.9	0.7	3.4
Electricity.....	0.9	-0.1	0.0	-0.7	0.1	-0.7	0.7	3.7
Utility (piped) gas service.....	0.0	-2.9	-0.8	2.4	-0.7	-1.9	0.7	2.0
All items less food and energy.....	0.4	0.3	0.2	0.1	0.2	0.3	0.3	3.3
Commodities less food and energy								
commodities.....	-0.2	-0.1	0.0	-0.1	-0.3	-0.2	0.2	-1.0
New vehicles.....	-0.2	-0.4	-0.5	-0.2	-0.2	0.0	0.2	-1.3
Used cars and trucks.....	-1.1	-1.4	0.6	-1.5	-2.3	-1.0	0.3	-5.1
Apparel.....	0.7	1.2	-0.3	0.1	-0.4	0.3	1.1	1.8
Medical care commodities ¹	0.2	0.4	1.3	0.2	0.2	-0.2	-0.7	1.6
Services less energy services.....	0.5	0.4	0.2	0.1	0.3	0.4	0.4	4.7
Shelter.....	0.4	0.4	0.4	0.2	0.4	0.5	0.2	4.9
Transportation services.....	1.5	0.9	-0.5	-0.5	0.4	0.9	1.4	8.5
Medical care services.....	0.6	0.4	0.3	0.2	-0.3	-0.1	0.7	3.6

¹ Not seasonally adjusted.

Food

The food index increased 0.4 percent in September, after rising 0.1 percent in August. The index for food at home also rose 0.4 percent in September. Five of the six major grocery store food group indexes increased over the month. The index for meats, poultry, fish, and eggs rose 0.8 percent in September as the index for eggs increased 8.4 percent. The fruits and vegetables index increased 0.9 percent over the month, following a 0.2-percent decline in August. The index for other food at home rose 0.2 percent in September and the index for cereals and bakery products increased 0.3 percent. The dairy and related products index increased 0.1 percent over the month, while the nonalcoholic beverages index was unchanged in September.

The food away from home index rose 0.3 percent in September, as it did in August. The index for full service meals rose 0.4 percent and the index for limited service meals increased 0.2 percent over the month.

The index for food at home rose 1.3 percent over the last 12 months. The meats, poultry, fish, and eggs index rose 3.9 percent over the last 12 months and the nonalcoholic beverages index increased 1.3 percent. Over the same period, the index for fruits and vegetables rose 0.7 percent and the index for other food at home increased 0.4 percent. The dairy and related products index increased 0.5 percent in September, and the cereals and bakery products index increased 0.1 percent over the year.

The food away from home index rose 3.9 percent over the last year. The index for limited service meals increased 4.1 percent over the last 12 months and the index for full service meals rose 3.9 percent over the same period.

Energy

The energy index fell 1.9 percent in September, after declining 0.8 percent in August. The gasoline index decreased 4.1 percent over the month. (Before seasonal adjustment, gasoline prices decreased 5.1 percent in September.) The electricity index increased 0.7 percent over the month, as did the natural gas index.

The energy index decreased 6.8 percent over the past 12 months. The gasoline index fell 15.3 percent over this 12-month span, and the fuel oil index fell 22.4 percent over that period. In contrast, the index for electricity increased 3.7 percent over the last 12 months, and the index for natural gas rose 2.0 percent.

All items less food and energy

The index for all items less food and energy rose 0.3 percent in September, as it did in August. The shelter index increased 0.2 percent in September. The index for owners' equivalent rent and the index for rent both rose 0.3 percent over the month. The lodging away from home index fell 1.9 percent in September, after rising 1.8 percent in August.

The medical care index increased 0.4 percent over the month after declining in each of the previous 2 months. The index for physicians' services increased 0.9 percent in September. In contrast, the prescription drugs index declined 0.5 percent over the month.

The motor vehicle insurance index rose 1.2 percent in September, following a 0.6-percent increase the previous month. The index for apparel increased 1.1 percent over the month and the index for airline fares rose 3.2 percent in September. The indexes for education, household furnishings and operations, personal care, used cars and trucks, and new vehicles also increased in September.

The index for recreation fell 0.4 percent in September, following a 0.1-percent decrease the preceding month. The communication index decreased 0.6 percent over the month, also following a 0.1-percent decline in August.

The index for all items less food and energy rose 3.3 percent over the past 12 months. The shelter index increased 4.9 percent over the last year, accounting for over 65 percent of the total 12-month increase in the all items less food and energy index. Other indexes with notable increases over the last year include motor vehicle insurance (+16.3 percent), medical care (+3.3 percent), personal care (+2.5 percent), and apparel (+1.8 percent).

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 2.4 percent over the last 12 months to an index level of 315.301 (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 2.2 percent over the last 12 months to an index level of 309.046 (1982-84=100). For the month, the index increased 0.1 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 2.3 percent over the last 12 months. For the month, the index increased 0.1 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 October 2024 is scheduled to be released on Wednesday, November 13, 2024, 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, web, or app collection by the Bureau's trained representatives.

In calculating the index, price changes for the various items in each location are aggregated using weights, which represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. For the CPI-U and CPI-W, separate indexes are also published by size of city, by region of the country, for cross-classifications of regions and population-size classes, and for 23 selected local areas. Area indexes do not measure differences in the level of prices among cities; they only measure the average change in prices for each area since the base period. For the C-CPI-U, data are issued only at the national level. The CPI-U and CPI-W are considered final when released, but the C-CPI-U is issued in preliminary form and subject to three subsequent quarterly revisions.

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

Sampling Error in the CPI

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

Calculating Index Changes

Movements of the indexes from 1 month to another are usually expressed as percent changes rather than changes in index points, because index point changes are affected by the level of the index in relation to its base period, while percent changes are not. The following table shows an example of using index values to calculate percent changes:

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

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-2024.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 for five years.

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 2024, BLS adjusted 46 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 2024, revised seasonal factors and seasonally adjusted indexes for 2019 to 2023 were calculated and published. For series which are directly adjusted using the Census X-13ARIMA-SEATS seasonal adjustment software, the seasonal factors for 2023 will be applied to data for 2024 to produce the seasonally adjusted 2024 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 2024, 36 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, September 2024

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023	Aug. 2024	Sep. 2024	Sep. 2023-Sep. 2024	Aug. 2024-Sep. 2024	Jun. 2024-Jul. 2024	Jul. 2024-Aug. 2024	Aug. 2024-Sep. 2024
All items.....	100.000	307.789	314.796	315.301	2.4	0.2	0.2	0.2	0.2
Food.....	13.426	324.704	330.750	332.083	2.3	0.4	0.2	0.1	0.4
Food at home.....	8.047	303.925	306.402	307.767	1.3	0.4	0.1	0.0	0.4
Cereals and bakery products.....	1.044	355.576	355.652	356.088	0.1	0.1	-0.5	-0.1	0.3
Meats, poultry, fish, and eggs.....	1.725	320.140	329.108	332.525	3.9	1.0	0.7	0.8	0.8
Dairy and related products.....	0.733	268.377	269.468	269.643	0.5	0.1	-0.2	0.5	0.1
Fruits and vegetables.....	1.371	351.020	349.599	353.508	0.7	1.1	0.8	-0.2	0.9
Nonalcoholic beverages and beverage materials.....	1.017	216.736	219.381	219.488	1.3	0.0	0.5	-0.7	0.0
Other food at home.....	2.156	271.561	272.612	272.658	0.4	0.0	-0.5	-0.3	0.2
Food away from home ¹	5.378	357.488	370.348	371.604	3.9	0.3	0.2	0.3	0.3
Energy.....	6.803	296.004	282.614	275.740	-6.8	-2.4	0.0	-0.8	-1.9
Energy commodities.....	3.679	346.212	308.297	293.273	-15.3	-4.9	0.1	-0.6	-4.0
Fuel oil.....	0.073	431.201	349.383	334.792	-22.4	-4.2	0.9	-1.9	-6.0
Motor fuel.....	3.528	340.600	303.089	287.876	-15.5	-5.0	0.0	-0.6	-4.0
Gasoline (all types).....	3.429	338.893	302.419	287.102	-15.3	-5.1	0.0	-0.6	-4.1
Energy services.....	3.124	260.791	268.419	269.593	3.4	0.4	-0.1	-0.9	0.7
Electricity.....	2.473	272.401	281.333	282.522	3.7	0.4	0.1	-0.7	0.7
Utility (piped) gas service.....	0.651	221.045	224.259	225.366	2.0	0.5	-0.7	-1.9	0.7
All items less food and energy.....	79.771	310.817	320.017	321.109	3.3	0.3	0.2	0.3	0.3
Commodities less food and energy.....	18.444	167.141	164.912	165.534	-1.0	0.4	-0.3	-0.2	0.2
Apparel.....	2.562	133.157	131.683	135.537	1.8	2.9	-0.4	0.3	1.1
New vehicles.....	3.575	179.750	177.534	177.435	-1.3	-0.1	-0.2	0.0	0.2
Used cars and trucks.....	1.874	187.587	178.192	178.072	-5.1	-0.1	-2.3	-1.0	0.3
Medical care commodities ¹	1.473	407.250	416.538	413.708	1.6	-0.7	0.2	-0.2	-0.7
Alcoholic beverages.....	0.842	287.496	291.432	291.683	1.5	0.1	0.3	0.0	0.1
Tobacco and smoking products ¹	0.555	1,443.712	1,562.042	1,562.356	8.2	0.0	0.2	1.2	0.0
Services less energy services.....	61.327	401.234	418.903	420.286	4.7	0.3	0.3	0.4	0.4
Shelter.....	36.517	385.433	403.257	404.133	4.9	0.2	0.4	0.5	0.2
Rent of primary residence.....	7.686	404.487	422.223	423.821	4.8	0.4	0.5	0.4	0.3
Owners' equivalent rent of residences ²	26.937	395.039	413.924	415.601	5.2	0.4	0.4	0.5	0.3
Medical care services.....	6.481	593.777	611.935	615.354	3.6	0.6	-0.3	-0.1	0.7
Physicians' services ¹	1.796	413.966	416.370	420.170	1.5	0.9	0.1	0.0	0.9
Hospital services ^{1, 3}	1.985	397.531	415.293	415.293	4.5		-1.1		
Transportation services.....	6.460	402.021	431.564	436.331	8.5	1.1	0.4	0.9	1.4
Motor vehicle maintenance and repair ¹	1.246	392.222	407.374	411.276	4.9	1.0	-0.3	0.6	1.0
Motor vehicle insurance.....	2.981	742.292	854.307	863.292	16.3	1.1	1.2	0.6	1.2
Airline fares.....	0.731	246.151	243.011	250.030	1.6	2.9	-1.6	3.9	3.2

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, September 2024

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023-Sep. 2024	Aug. 2024-Sep. 2024	Jun. 2024-Jul. 2024	Jul. 2024-Aug. 2024	Aug. 2024-Sep. 2024
All items.....	100.000	2.4	0.2	0.2	0.2	0.2
Food.....	13.426	2.3	0.4	0.2	0.1	0.4
Food at home.....	8.047	1.3	0.4	0.1	0.0	0.4
Cereals and bakery products.....	1.044	0.1	0.1	-0.5	-0.1	0.3
Cereals and cereal products.....	0.309	-0.6	0.0	-0.2	0.3	0.5
Flour and prepared flour mixes.....	0.052	0.8	-1.0	-0.4	0.0	-0.6
Breakfast cereal ¹	0.122	-0.1	-0.4	0.0	0.2	-0.4
Rice, pasta, cornmeal.....	0.135	-1.6	0.7	-0.2	-0.4	1.3
Rice ^{1, 2, 3}		-1.6	0.3	-0.4	0.2	0.3
Bakery products ¹	0.735	0.5	0.2	-0.3	-0.2	0.2
Bread ^{1, 2}	0.196	-0.8	-0.2	-1.1	-0.1	-0.2
White bread ^{1, 3}		-1.6	-0.9	-1.0	1.0	-0.9
Bread other than white ^{1, 3}		0.1	0.9	-1.4	-1.4	0.9
Fresh biscuits, rolls, muffins ²	0.113	-0.4	-0.9	0.8	-1.6	-0.9
Cakes, cupcakes, and cookies ¹	0.188	1.6	1.2	0.7	-0.1	1.2
Cookies ^{1, 3}		2.3	1.9	1.5	-0.4	1.9
Fresh cakes and cupcakes ^{1, 3}		0.7	0.3	0.1	0.4	0.3
Other bakery products.....	0.237	1.2	0.3	-0.8	-0.4	0.4
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}		2.2	0.5	0.2	0.3	0.5
Crackers, bread, and cracker products ³		3.0	0.2	-2.0	0.3	0.5
Frozen and refrigerated bakery products, pies, tarts, turnovers ³		-0.7	-1.4	0.0	-0.5	-1.9
Meats, poultry, fish, and eggs.....	1.725	3.9	1.0	0.7	0.8	0.8
Meats, poultry, and fish.....	1.593	1.5	0.3	0.3	0.5	0.2
Meats.....	1.034	2.5	0.5	0.6	0.4	0.3
Beef and veal.....	0.468	4.2	0.3	1.2	0.3	0.6
Uncooked ground beef ¹	0.164	4.7	0.4	1.3	1.1	0.4
Uncooked beef roasts ²	0.080	6.1	-0.3	2.7	-0.7	-0.3
Uncooked beef steaks ²	0.173	1.9	0.5	2.6	1.5	-0.4
Uncooked other beef and veal ^{1, 2}	0.052	8.0	0.3	0.1	1.0	0.3
Pork.....	0.329	1.5	1.0	-0.2	0.1	0.5
Bacon, breakfast sausage, and related products ²	0.140	0.6	2.1	-0.6	-1.4	1.2
Bacon and related products ³		-0.4	2.9	-1.1	-1.7	1.6
Breakfast sausage and related products ^{2, 3}		2.5	1.5	0.0	-0.4	2.0
Ham.....	0.064	-2.5	-0.5	3.3	-1.6	-1.1
Ham, excluding canned ³		-3.1	-0.6	3.4	-1.6	-1.1
Pork chops ¹	0.043	4.2	-1.2	0.1	0.9	-1.2
Other pork including roasts, steaks, and ribs ²	0.082	4.9	1.6	0.2	2.1	2.0
Other meats.....	0.237	0.8	0.1	0.3	1.0	-0.5
Frankfurters ³		4.4	-0.6	4.4	0.0	-2.4
Lunchmeats ^{1, 2, 3}		0.5	-0.4	0.2	-0.3	-0.4
Poultry ¹	0.311	0.5	-0.1	0.2	1.0	-0.1
Chicken ^{1, 2}	0.250	1.2	0.2	0.1	0.7	0.2
Fresh whole chicken ^{1, 3}		2.0	-1.2	-0.1	1.2	-1.2
Fresh and frozen chicken parts ^{1, 3}		0.7	0.8	0.3	0.4	0.8
Other uncooked poultry including turkey ²	0.061	-2.2	-1.3	0.9	1.7	-2.3
Fish and seafood.....	0.249	-1.3	-0.1	-0.5	0.2	-0.2
Fresh fish and seafood ^{1, 2}	0.118	-1.4	0.0	-2.4	-0.1	0.0
Processed fish and seafood ²	0.131	-1.3	-0.2	0.6	-0.1	-0.2
Shelf stable fish and seafood ³		-1.2	0.1	0.4	0.4	0.1
Frozen fish and seafood ³		-0.9	-0.6	-0.1	0.2	-1.0
Eggs.....	0.132	39.6	10.0	5.5	4.8	8.4

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, September 2024 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023- Sep. 2024	Aug. 2024- Sep. 2024	Jun. 2024- Jul. 2024	Jul. 2024- Aug. 2024	Aug. 2024- Sep. 2024
Dairy and related products.....	0.733	0.5	0.1	-0.2	0.5	0.1
Milk ²	0.174	0.8	-0.7	1.9	0.6	-0.3
Fresh whole milk ³		1.2	-0.8	0.8	1.5	-0.9
Fresh milk other than whole ^{1, 2, 3}		0.6	-0.6	1.8	0.3	-0.6
Cheese and related products ¹	0.228	-0.5	0.8	0.3	0.0	0.8
Ice cream and related products.....	0.107	0.1	0.0	-2.1	2.1	-0.9
Other dairy and related products ²	0.225	1.3	-0.1	-0.5	-0.1	0.0
Fruits and vegetables.....	1.371	0.7	1.1	0.8	-0.2	0.9
Fresh fruits and vegetables.....	1.035	0.9	1.5	1.0	-0.1	1.2
Fresh fruits.....	0.546	1.6	2.8	1.1	0.7	2.2
Apples.....	0.068	-11.3	0.7	-1.2	0.4	2.4
Bananas ¹	0.082	-0.9	0.1	-1.7	0.0	0.1
Citrus fruits ²	0.161	3.0	2.1	1.6	0.7	1.9
Oranges, including tangerines ³		4.2	1.1	1.9	0.4	0.9
Other fresh fruits ²	0.235	6.2	4.9	1.6	1.2	3.0
Fresh vegetables.....	0.489	0.2	0.0	0.9	-1.1	0.0
Potatoes.....	0.076	-3.5	-0.2	-0.6	-1.7	1.8
Lettuce.....	0.064	0.6	-1.0	-0.4	-1.2	-3.2
Tomatoes.....	0.079	0.9	-2.0	3.6	0.6	-2.1
Other fresh vegetables.....	0.270	1.2	0.9	1.0	-1.2	0.8
Processed fruits and vegetables ²	0.336	0.1	-0.1	0.2	-0.2	-0.1
Canned fruits and vegetables ²	0.165	0.3	-0.1	0.1	-0.3	-0.4
Canned fruits ^{2, 3}		-0.4	0.2	-0.8	-0.1	0.0
Canned vegetables ^{2, 3}		0.8	-0.3	0.4	-0.2	-0.1
Frozen fruits and vegetables ²	0.102	-2.2	-0.4	0.4	0.0	-0.3
Frozen vegetables ³		-2.2	-1.3	0.8	-0.2	-0.6
Other processed fruits and vegetables including dried ²	0.069	3.1	0.5	0.4	-0.4	0.5
Dried beans, peas, and lentils ^{1, 2, 3}		6.5	-0.4	1.5	-0.4	-0.4
Nonalcoholic beverages and beverage materials.....	1.017	1.3	0.0	0.5	-0.7	0.0
Juices and nonalcoholic drinks ²	0.722	1.7	-0.1	0.2	-0.5	-0.3
Carbonated drinks.....	0.324	2.5	-0.5	0.6	-1.4	-0.4
Frozen noncarbonated juices and drinks ^{1, 2}	0.009	15.3	-0.1	0.7	-0.5	-0.1
Nonfrozen noncarbonated juices and drinks ²	0.389	0.8	0.2	-0.2	0.1	-0.3
Beverage materials including coffee and tea ²	0.295	0.2	0.5	0.7	-0.9	0.8
Coffee.....	0.182	-1.0	1.3	1.7	-2.2	1.7
Roasted coffee ³		-2.0	1.7	0.7	-2.4	2.0
Instant coffee ^{1, 3}		3.3	-0.8	3.4	-0.1	-0.8
Other beverage materials including tea ^{1, 2}	0.113	2.2	-0.9	-1.1	1.7	-0.9
Other food at home.....	2.156	0.4	0.0	-0.5	-0.3	0.2
Sugar and sweets ¹	0.293	0.8	-0.7	-0.1	0.8	-0.7
Sugar and sugar substitutes.....	0.043	3.3	0.2	-0.5	0.7	-0.3
Candy and chewing gum ²	0.188	0.3	-0.8	0.8	0.1	-1.2
Other sweets ²	0.062	0.7	-1.3	-1.6	2.1	-1.6
Fats and oils.....	0.249	4.1	1.4	-0.6	-0.9	1.1
Butter and margarine ²	0.076	4.5	1.9	-0.5	-1.6	2.2
Butter ³		7.8	1.5	0.1	-1.1	2.8
Margarine ³		-0.6	2.8	-1.8	-2.4	1.9
Salad dressing ^{1, 2}	0.058	2.8	3.3	0.6	-1.3	3.3
Other fats and oils including peanut butter ²	0.115	4.6	0.1	-0.7	0.1	-0.2
Peanut butter ^{1, 2, 3}		1.2	1.5	0.2	-0.9	1.5
Other foods.....	1.614	-0.2	-0.1	-0.6	-0.3	0.3
Soups.....	0.098	0.6	-2.0	-0.1	-1.2	-0.4
Frozen and freeze dried prepared foods.....	0.252	-1.8	-0.1	0.0	-0.8	0.6

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, September 2024 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023-Sep. 2024	Aug. 2024-Sep. 2024	Jun. 2024-Jul. 2024	Jul. 2024-Aug. 2024	Aug. 2024-Sep. 2024
Snacks.....	0.335	-2.5	0.7	-1.5	-0.3	1.0
Spices, seasonings, condiments, sauces.....	0.327	2.6	-0.6	0.2	0.5	0.1
Salt and other seasonings and spices ^{2, 3}		0.6	-0.9	2.0	-0.9	0.6
Olives, pickles, relishes ^{1, 2, 3}		4.7	0.2	-1.9	2.2	0.2
Sauces and gravies ^{2, 3}		2.4	-0.6	-0.6	0.6	-0.3
Other condiments ³		10.0	-0.1	1.8	4.0	1.2
Baby food and formula ^{1, 2}	0.047	2.6	1.2	-0.3	-0.5	1.2
Other miscellaneous foods ²	0.555	-0.1	0.1	-1.0	-0.4	0.2
Prepared salads ^{3, 4}		0.6	1.4	-1.5	0.6	0.3
Food away from home ¹	5.378	3.9	0.3	0.2	0.3	0.3
Full service meals and snacks ^{1, 2}	2.468	3.9	0.4	0.1	0.2	0.4
Limited service meals and snacks ^{1, 2}	2.519	4.1	0.2	0.3	0.3	0.2
Food at employee sites and schools ^{1, 2}	0.079	3.8	1.7	0.1	0.7	1.7
Food at elementary and secondary schools ^{1, 3, 5}		2.9	2.1	0.2	0.5	2.1
Food from vending machines and mobile vendors ^{1, 2}	0.049	3.8	0.2	0.1	0.2	0.2
Other food away from home ^{1, 2}	0.262	3.0	0.5	0.3	0.7	0.5
Energy.....	6.803	-6.8	-2.4	0.0	-0.8	-1.9
Energy commodities.....	3.679	-15.3	-4.9	0.1	-0.6	-4.0
Fuel oil and other fuels.....	0.151	-13.2	-1.5	1.9	-1.5	-3.1
Fuel oil.....	0.073	-22.4	-4.2	0.9	-1.9	-6.0
Propane, kerosene, and firewood ⁶	0.078	1.6	1.1	1.9	-0.5	0.7
Motor fuel.....	3.528	-15.5	-5.0	0.0	-0.6	-4.0
Gasoline (all types).....	3.429	-15.3	-5.1	0.0	-0.6	-4.1
Gasoline, unleaded regular ³		-15.7	-5.4	0.1	-0.6	-4.4
Gasoline, unleaded midgrade ^{3, 7}		-13.3	-4.1	-0.1	-0.7	-3.2
Gasoline, unleaded premium ³		-12.6	-3.3	-0.4	-0.6	-2.4
Other motor fuels ^{1, 2}	0.100	-20.6	-3.4	0.4	-1.9	-3.4
Energy services.....	3.124	3.4	0.4	-0.1	-0.9	0.7
Electricity.....	2.473	3.7	0.4	0.1	-0.7	0.7
Utility (piped) gas service.....	0.651	2.0	0.5	-0.7	-1.9	0.7
All items less food and energy.....	79.771	3.3	0.3	0.2	0.3	0.3
Commodities less food and energy commodities.....	18.444	-1.0	0.4	-0.3	-0.2	0.2
Household furnishings and supplies ⁸	3.410	-2.2	0.3	0.1	-0.3	0.0
Window and floor coverings and other linens ²	0.287	-2.8	0.6	-0.8	-0.1	-0.2
Floor coverings ^{1, 2}	0.069	-3.0	-1.4	-1.7	2.4	-1.4
Window coverings ^{1, 2}	0.076	5.8	-0.7	-2.6	4.3	-0.7
Other linens ²	0.141	-7.3	2.3	0.0	-0.9	-0.1
Furniture and bedding ¹	0.912	-2.3	1.7	-1.0	-1.0	1.7
Bedroom furniture ¹	0.311	-2.2	-0.2	0.2	-1.6	-0.2
Living room, kitchen, and dining room furniture ^{1, 2}	0.457	-2.2	3.2	-1.3	-1.1	3.2
Other furniture ²	0.138	-3.9	0.7	-0.9	2.5	-0.4
Appliances ²	0.222	-2.6	-0.3	0.5	0.0	-0.6
Major appliances ²	0.069	-2.2	-0.2	0.4	0.1	0.3
Laundry equipment ^{1, 3}		-0.9	0.0	-0.4	2.6	0.0
Other appliances ²	0.152	-3.0	-0.4	0.3	0.2	-0.7
Other household equipment and furnishings ²	0.503	-2.4	0.2	1.1	-0.8	-0.4
Clocks, lamps, and decorator items ¹	0.296	-3.7	-1.2	1.6	-0.4	-1.2
Indoor plants and flowers ⁹	0.110	4.0	0.9	-0.5	-2.4	0.1
Dishes and flatware ^{1, 2}	0.040	-7.0	0.4	2.9	0.6	0.4
Nonelectric cookware and tableware ²	0.058	-4.1	6.0	-2.5	1.4	5.7
Tools, hardware, outdoor equipment and supplies ^{1, 2}	0.694	-4.5	-0.8	0.2	-0.4	-0.8
Tools, hardware and supplies ²	0.189	-4.0	-0.4	0.3	-0.5	-1.4
Outdoor equipment and supplies ^{1, 2}	0.298	-5.0	-1.0	0.4	-0.5	-1.0

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, September 2024 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023- Sep. 2024	Aug. 2024- Sep. 2024	Jun. 2024- Jul. 2024	Jul. 2024- Aug. 2024	Aug. 2024- Sep. 2024
Housekeeping supplies ¹	0.791	0.4	-0.3	0.1	0.5	-0.3
Household cleaning products ^{1, 2}	0.285	2.1	-0.3	0.5	1.8	-0.3
Household paper products ^{1, 2}	0.166	-1.1	0.0	0.1	-0.8	0.0
Miscellaneous household products ^{1, 2}	0.341	-0.1	-0.5	-0.1	0.1	-0.5
Apparel.....	2.562	1.8	2.9	-0.4	0.3	1.1
Men's and boys' apparel.....	0.650	0.7	2.0	-0.4	-0.2	0.9
Men's apparel.....	0.492	-0.9	1.7	-0.3	-1.6	0.6
Men's suits, sport coats, and outerwear.....	0.071	-4.7	3.9	-4.2	-0.7	2.4
Men's underwear, nightwear, swimwear, and accessories.....	0.159	-1.3	-0.9	0.3	-0.9	-1.6
Men's shirts and sweaters ²	0.138	0.8	3.4	-0.3	-4.2	0.5
Men's pants and shorts.....	0.120	0.2	1.7	0.5	-1.3	2.1
Boys' apparel.....	0.157	5.7	2.9	-0.4	4.3	1.3
Women's and girls' apparel.....	1.044	2.8	3.8	-0.4	1.5	0.5
Women's apparel.....	0.913	2.8	3.5	-0.3	1.5	0.5
Women's outerwear.....	0.058	-6.1	6.0	-1.1	-1.4	0.1
Women's dresses.....	0.126	-0.5	6.4	-0.3	-1.8	-0.7
Women's suits and separates ²	0.421	1.7	3.8	0.5	2.1	-0.4
Women's underwear, nightwear, swimwear, and accessories ²	0.300	6.5	1.4	-0.6	2.9	1.3
Girls' apparel.....	0.131	4.0	5.9	-0.9	1.8	1.0
Footwear.....	0.525	0.0	2.0	-0.1	-1.1	1.2
Men's footwear ¹	0.186	2.9	1.2	0.4	0.7	1.2
Boys' and girls' footwear ¹	0.110	-0.3	3.0	-0.7	0.8	3.0
Women's footwear.....	0.229	-2.2	2.2	-1.5	-2.3	1.6
Infants' and toddlers' apparel.....	0.100	-0.7	0.3	0.0	2.1	-0.8
Jewelry and watches ⁶	0.244	5.8	4.6	-1.7	-1.6	5.2
Watches ^{1, 6}	0.040	6.4	2.1	-0.9	-1.4	2.1
Jewelry ⁶	0.204	5.8	5.1	-1.9	-1.5	4.7
Transportation commodities less motor fuel ⁸	5.975	-2.3	0.0	-0.8	-0.3	0.3
New vehicles.....	3.575	-1.3	-0.1	-0.2	0.0	0.2
New cars ³		-1.9	-0.1	-0.3	0.1	0.0
New trucks ^{3, 10}		-1.2	-0.1	-0.2	0.1	0.2
Used cars and trucks.....	1.874	-5.1	-0.1	-2.3	-1.0	0.3
Motor vehicle parts and equipment ¹	0.461	1.9	0.9	0.3	0.0	0.9
Tires ¹	0.317	1.6	1.1	0.4	-0.3	1.1
Vehicle accessories other than tires ^{1, 2}	0.144	2.5	0.4	0.1	0.6	0.4
Vehicle parts and equipment other than tires ^{1, 3}		3.5	0.3	0.9	0.3	0.3
Motor oil, coolant, and fluids ^{1, 3}		0.7	-0.2	-0.4	0.6	-0.2
Medical care commodities ¹	1.473	1.6	-0.7	0.2	-0.2	-0.7
Medicinal drugs ^{1, 8}	1.357	1.7	-0.8	0.2	-0.2	-0.8
Prescription drugs ¹	0.905	2.2	-0.5	0.1	-0.2	-0.5
Nonprescription drugs ⁸	0.452	0.7	-1.3	-0.2	-0.6	-0.6
Medical equipment and supplies ^{1, 8}	0.115	0.3	0.2	-0.1	-0.5	0.2
Recreation commodities ⁸	1.991	-1.5	-0.2	-0.3	-0.2	-0.3
Video and audio products ⁸	0.280	-2.8	0.2	0.0	-1.0	0.1
Televisions.....	0.121	-5.6	0.5	-1.1	-2.8	0.2
Other video equipment ²	0.025	-7.3	-0.9	0.5	2.3	-1.3
Audio equipment ¹	0.060	-1.4	-0.4	1.1	-0.7	-0.4
Recorded music and music subscriptions ^{1, 2}	0.069	2.3	0.8	1.1	0.6	0.8
Pets and pet products ¹	0.612	-0.3	-0.4	-0.3	-0.2	-0.4
Pet food ^{1, 2, 3}		-0.9	-0.3	0.0	-0.4	-0.3
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		1.5	-0.5	-0.8	0.2	-0.5
Sporting goods ¹	0.628	-2.3	-0.3	-0.8	0.0	-0.3

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, September 2024 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023-Sep. 2024	Aug. 2024-Sep. 2024	Jun. 2024-Jul. 2024	Jul. 2024-Aug. 2024	Aug. 2024-Sep. 2024
Sports vehicles including bicycles ¹	0.416	-2.5	-0.4	-1.2	0.4	-0.4
Sports equipment ¹	0.201	-1.9	-0.2	-0.1	-0.6	-0.2
Photographic equipment and supplies.....	0.025	10.7	-1.0	-1.0	-0.7	-1.0
Photographic equipment ^{2, 3}		9.9	-1.0	-0.8	-0.9	-0.7
Recreational reading materials ¹	0.101	0.8	-0.8	0.7	-1.0	-0.8
Newspapers and magazines ^{1, 2}	0.054	0.3	-3.3	2.1	-1.9	-3.3
Recreational books ^{1, 2}	0.047	1.3	2.1	-1.0	0.2	2.1
Other recreational goods ²	0.346	-2.8	0.2	0.0	0.2	-0.1
Toys.....	0.272	-2.9	0.3	0.2	0.0	0.0
Toys, games, hobbies and playground equipment ^{2, 3}		-3.4	-0.3	-0.1	0.1	-0.5
Sewing machines, fabric and supplies ^{1, 2}	0.028	-2.8	-0.1	-2.2	2.1	-0.1
Music instruments and accessories ^{1, 2}	0.030	-1.0	-0.1	-0.4	-0.4	-0.1
Education and communication commodities ⁸	0.825	-6.9	-0.7	0.4	-0.4	-0.7
Educational books and supplies ¹						
College textbooks ^{1, 3, 11}		2.9	4.2	-2.0	0.5	4.2
Information technology commodities ⁸	0.746	-7.9	-1.2	0.6	-0.5	-1.2
Computers, peripherals, and smart home assistants ^{1, 4}	0.301	-4.7	-1.1	0.4	-0.4	-1.1
Computer software and accessories ^{1, 2}	0.021	-1.5	-0.4	0.9	0.1	-0.4
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.424	-10.4	-1.2	0.7	-0.7	-1.2
Smartphones ^{1, 3, 12}		-9.3	-0.7	0.6	-1.4	-0.7
Alcoholic beverages.....	0.842	1.5	0.1	0.3	0.0	0.1
Alcoholic beverages at home.....	0.472	1.6	0.1	0.2	0.0	0.1
Beer, ale, and other malt beverages at home.....	0.175	3.5	0.3	0.6	0.0	0.6
Distilled spirits at home ¹	0.115	0.1	-0.4	0.4	0.3	-0.4
Whiskey at home ^{1, 3}		-2.7	-2.4	-0.8	0.5	-2.4
Distilled spirits, excluding whiskey, at home ^{1, 3}		0.5	0.2	0.7	0.1	0.2
Wine at home ¹	0.182	0.6	0.2	-0.2	0.2	0.2
Alcoholic beverages away from home ¹	0.370	1.4	0.1	0.1	0.2	0.1
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		1.7	0.1	0.3	0.4	0.1
Wine away from home ^{1, 2, 3}		1.0	0.2	-0.3	0.2	0.2
Distilled spirits away from home ^{1, 2, 3}		1.2	0.0	0.1	0.0	0.0
Other goods ⁸	1.365	3.0	0.3	0.2	0.2	0.3
Tobacco and smoking products ¹	0.555	8.2	0.0	0.2	1.2	0.0
Cigarettes ^{1, 2}	0.459	8.8	-0.1	0.4	1.4	-0.1
Tobacco products other than cigarettes ^{1, 2}	0.091	5.8	0.5	-1.0	0.0	0.5
Personal care products ¹	0.655	0.1	0.4	0.2	-0.4	0.4
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.343	0.7	0.6	0.6	-1.0	0.6
Cosmetics, perfume, bath, nail preparations and implements ¹	0.301	-0.5	0.2	-0.2	0.4	0.2
Miscellaneous personal goods ²	0.155	-2.7	0.6	0.4	-0.9	1.1
Stationery, stationery supplies, gift wrap ³		3.0	-0.1	2.9	-0.1	0.0
Services less energy services.....	61.327	4.7	0.3	0.3	0.4	0.4
Shelter.....	36.517	4.9	0.2	0.4	0.5	0.2
Rent of shelter ¹³	36.109	4.9	0.2	0.3	0.5	0.2
Rent of primary residence.....	7.686	4.8	0.4	0.5	0.4	0.3
Lodging away from home ²	1.486	-2.8	-3.8	0.2	1.8	-1.9
Housing at school, excluding board ¹³	0.246	3.7	0.6	0.4	0.6	0.1
Other lodging away from home including hotels and motels.....	1.240	-3.7	-4.7	0.2	2.0	-2.3
Owners' equivalent rent of residences ¹³	26.937	5.2	0.4	0.4	0.5	0.3

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, September 2024 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023- Sep. 2024	Aug. 2024- Sep. 2024	Jun. 2024- Jul. 2024	Jul. 2024- Aug. 2024	Aug. 2024- Sep. 2024
Owners' equivalent rent of primary residence ¹³ ..	25.598	5.2	0.4	0.4	0.5	0.3
Tenants' and household insurance ^{1, 2}	0.409	2.2	-0.5	0.0	0.8	-0.5
Water and sewer and trash collection services ²	1.096	4.8	0.6	0.5	0.2	0.7
Water and sewerage maintenance.....	0.770	5.2	0.6	0.5	0.1	0.8
Garbage and trash collection ^{1, 10}	0.325	3.8	0.6	0.4	0.3	0.6
Household operations ^{1, 2}	1.003					
Domestic services ^{1, 2}						
Gardening and lawn care services ^{1, 2}	0.340	10.4	2.1			2.1
Moving, storage, freight expense ^{1, 2}	0.145	0.0	-0.1	0.8	-0.8	-0.1
Repair of household items ^{1, 2}						
Medical care services.....	6.481	3.6	0.6	-0.3	-0.1	0.7
Professional services.....	3.582	2.3	0.8	0.1	-0.1	0.6
Physicians' services ¹	1.796	1.5	0.9	0.1	0.0	0.9
Dental services.....	0.901	3.9	0.4	0.3	-0.6	0.6
Eyeglasses and eye care ^{1, 6}	0.333	2.2	-0.1	0.8	-0.5	-0.1
Services by other medical professionals ^{1, 6}	0.552	2.2	1.5	0.1	-0.1	1.5
Hospital and related services ¹	2.313	4.8	0.3	-1.0	0.4	0.3
Hospital services ^{1, 14}	1.985	4.5		-1.1		
Inpatient hospital services ^{1, 3, 14}		4.4				
Outpatient hospital services ^{1, 3, 6}		4.1		-1.9		
Nursing homes and adult day services ¹⁴	0.170	5.6	0.8	0.6	0.6	0.8
Care of invalids and elderly at home ^{1, 5}	0.158	8.7	1.2	-0.9	-0.2	1.2
Health insurance ^{1, 5}	0.586	7.5	0.4	-0.4	0.1	0.4
Transportation services.....	6.460	8.5	1.1	0.4	0.9	1.4
Leased cars and trucks ^{1, 11}	0.512	1.4				
Car and truck rental ²	0.142	-6.8	-4.9	0.3	-1.5	1.2
Motor vehicle maintenance and repair ¹	1.246	4.9	1.0	-0.3	0.6	1.0
Motor vehicle body work ¹	0.055	-0.3		-0.3		
Motor vehicle maintenance and servicing ¹	0.581	4.3	-0.6	1.0	-0.1	-0.6
Motor vehicle repair ^{1, 2}	0.520	6.0	2.8	-1.7	1.4	2.8
Motor vehicle insurance.....	2.981	16.3	1.1	1.2	0.6	1.2
Motor vehicle fees ^{1, 2}	0.538	3.4	0.9	0.4	0.1	0.9
State motor vehicle registration and license fees ^{1, 2}	0.290	2.3	0.1	0.8	0.3	0.1
Parking and other fees ^{1, 2}	0.226	4.9	1.8	-0.1	-0.2	1.8
Parking fees and tolls ^{2, 3}		4.4	0.4	0.3	0.1	0.0
Public transportation.....	1.040	0.6	2.1	-1.2	2.5	2.4
Airline fares.....	0.731	1.6	2.9	-1.6	3.9	3.2
Other intercity transportation.....	0.086	-6.6	-1.3	-0.9	-2.2	-1.2
Ship fare ^{1, 2, 3}		-0.4	0.2	0.1	1.1	0.2
Intracity transportation ¹	0.216	0.0	0.8	0.1	-0.4	0.8
Intracity mass transit ^{1, 3, 8}		0.4	0.1	0.5	0.1	0.1
Recreation services ⁸	3.233	2.2	-0.5	0.4	0.0	-0.5
Video and audio services ⁸	0.903	1.8	-0.2	0.6	0.1	0.0
Cable, satellite, and live streaming television service ¹⁰	0.770	1.0	-0.4	0.2	0.2	-0.2
Purchase, subscription, and rental of video ^{1, 2}	0.133	6.2	1.0	3.0	-0.4	1.0
Video discs and other media ^{1, 2, 3}		11.6	0.5	-0.9	0.6	0.5
Subscription and rental of video and video games ^{1, 2, 3}		4.3	-0.5	7.6	-0.7	-0.5
Pet services including veterinary ^{1, 2}	0.436	5.6	-0.3	0.3	0.3	-0.3
Pet services ^{1, 2, 3}		7.3	0.4	0.6	0.6	0.4
Veterinarian services ^{1, 2, 3}		6.7	0.1	-0.1	0.1	0.1
Photographers and photo processing ^{1, 2}	0.049	-4.8	-0.5	0.2	-0.2	-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, September 2024 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023- Sep. 2024	Aug. 2024- Sep. 2024	Jun. 2024- Jul. 2024	Jul. 2024- Aug. 2024	Aug. 2024- Sep. 2024
Other recreation services ²	1.844	2.1	-0.7	0.4	-0.1	-0.7
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{1, 2} ..	0.713	1.0	-2.1	0.2	0.4	-2.1
Admissions ¹	0.618	3.1	0.7	0.4	-0.8	0.7
Admission to movies, theaters, and concerts ^{1, 2, 3}		2.6	-1.3	0.8	-0.4	-1.3
Admission to sporting events ^{1, 2, 3}		10.3	10.9	0.0	-1.3	10.9
Fees for lessons or instructions ^{1, 6}	0.220	3.8	-0.8	1.6	0.7	-0.8
Education and communication services ⁸	5.003	2.3	0.3	0.2	0.2	0.1
Tuition, other school fees, and childcare.....	2.404	3.6	1.2	0.3	0.4	0.7
College tuition and fees.....	1.258	2.2	1.3	0.2	0.0	0.8
Elementary and high school tuition and fees.....	0.297	4.9	0.3	0.6	0.2	0.3
Day care and preschool ⁹	0.712	6.0	1.5	0.5	1.3	0.4
Technical and business school tuition and fees ^{1, 2} ..	0.048	2.0	0.0	0.1	0.5	0.0
Postage and delivery services ²	0.066	5.2	-0.1	0.7	0.5	-0.3
Postage.....	0.058	5.4	0.0	0.8	0.5	-0.3
Delivery services ²	0.009	4.0	-0.4	0.5	0.1	-0.2
Telephone services ^{1, 2}	1.539	0.4	0.1	-0.1	0.2	0.1
Wireless telephone services ^{1, 2}	1.331	-0.3	0.1	-0.1	0.2	0.1
Residential telephone services ^{1, 8}	0.208	5.1	0.0	0.2	-0.1	0.0
Internet services and electronic information providers ^{1, 2}	0.984	2.0	-1.3	0.1	-0.4	-1.3
Other personal services ^{1, 8}	1.536	4.1	0.1	0.3	0.2	0.1
Personal care services ¹	0.636	4.8	0.1	0.1	0.6	0.1
Haircuts and other personal care services ^{1, 2}	0.636	4.8	0.1	0.1	0.6	0.1
Miscellaneous personal services ¹	0.900	3.6	0.2	0.4	-0.1	0.2
Legal services ^{1, 6}	0.261	0.2				
Funeral expenses ^{1, 6}	0.157	3.4	0.0	-0.4	0.2	0.0
Laundry and dry cleaning services ^{1, 2}	0.157	5.7	0.2	0.3	0.6	0.2
Apparel services other than laundry and dry cleaning ^{1, 2}	0.026	6.7	0.1	-2.3	1.2	0.1
Financial services ^{1, 6}	0.232	5.8	0.4	0.2	-0.3	0.4
Checking account and other bank services ^{1, 2, 3} ..		5.5	0.0	0.0	2.9	0.0
Tax return preparation and other accounting fees ^{1, 2, 3}			0.6	0.3	-1.3	0.6

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, September 2024

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Aug. 2024	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2023	Aug. 2024	Sep. 2024	Sep. 2023-Sep. 2024	Aug. 2024-Sep. 2024	Jun. 2024-Jul. 2024	Jul. 2024-Aug. 2024	Aug. 2024-Sep. 2024
All items less food.....	86.574	305.162	312.308	312.692	2.5	0.1	0.2	0.2	0.1
All items less shelter.....	63.483	280.869	283.681	284.044	1.1	0.1	0.0	0.0	0.2
All items less food and shelter.....	50.057	270.034	272.145	272.293	0.8	0.1	0.0	0.0	0.1
All items less food, shelter, and energy.....	43.254	269.536	273.907	275.128	2.1	0.4	0.0	0.1	0.4
All items less food, shelter, energy, and used cars and trucks.....	41.380	274.002	279.345	280.655	2.4	0.5	0.1	0.1	0.4
All items less medical care.....	92.046	296.147	302.733	303.175	2.4	0.1	0.2	0.2	0.2
All items less energy.....	93.197	311.990	320.728	321.850	3.2	0.3	0.2	0.3	0.3
Commodities.....	35.549	225.866	223.363	223.014	-1.3	-0.2	-0.1	-0.1	-0.2
Commodities less food, energy, and used cars and trucks.....	16.570	164.988	163.472	164.171	-0.5	0.4	-0.1	-0.1	0.2
Commodities less food.....	22.123	183.416	178.434	177.549	-3.2	-0.5	-0.2	-0.2	-0.5
Commodities less food and beverages.....	21.281	179.759	174.621	173.715	-3.4	-0.5	-0.3	-0.3	-0.5
Services.....	64.451	388.274	405.074	406.433	4.7	0.3	0.3	0.3	0.4
Services less rent of shelter ¹	28.343	401.324	417.066	419.050	4.4	0.5	0.0	0.1	0.6
Services less medical care services.....	57.970	372.524	389.178	390.387	4.8	0.3	0.3	0.4	0.3
Durables.....	9.887	125.849	122.201	122.204	-2.9	0.0	-0.3	-0.4	1.0
Nondurables.....	25.662	279.363	278.025	277.420	-0.7	-0.2	0.1	0.1	-0.1
Nondurables less food.....	12.236	241.247	234.098	231.993	-3.8	-0.9	-0.1	-0.3	-0.5
Nondurables less food and beverages.....	11.394	238.368	230.575	228.334	-4.2	-1.0	-0.1	-0.4	-0.5
Nondurables less food, beverages, and apparel.....	8.832	309.078	297.113	290.865	-5.9	-2.1	0.0	-0.6	-0.9
Nondurables less food and apparel.....	9.674	305.553	295.045	289.403	-5.3	-1.9	0.1	-0.5	-0.9
Housing.....	45.300	323.563	335.931	336.776	4.1	0.3	0.4	0.3	0.2
Education and communication ²	5.828	145.598	146.643	146.928	0.9	0.2	0.2	0.1	0.0
Education ²	2.483	294.357	301.065	304.883	3.6	1.3	0.3	0.4	0.8
Communication ²	3.345	74.827	74.541	74.092	-1.0	-0.6	0.1	-0.1	-0.6
Information and information processing ²	3.278	70.478	70.131	69.701	-1.1	-0.6	0.1	-0.1	-0.6
Information technology, hardware and services ³	1.739	7.104	7.014	6.929	-2.5	-1.2	0.3	-0.4	-1.2
Recreation ²	5.224	136.687	138.214	137.651	0.7	-0.4	0.1	-0.1	-0.4
Video and audio ²	1.183	116.753	117.849	117.725	0.8	-0.1	0.5	-0.1	0.0
Pets, pet products and services ²	1.048	218.417	223.816	222.980	2.1	-0.4	-0.1	0.0	-0.4
Photography ²	0.074	85.769	86.378	85.829	0.1	-0.6	-0.2	-0.4	-0.6
Food and beverages.....	14.268	322.249	328.156	329.417	2.2	0.4	0.2	0.1	0.4
Domestically produced farm food.....	6.699	314.552	317.240	318.919	1.4	0.5	0.4	0.0	0.5
Other services.....	9.771	407.114	417.480	417.567	2.6	0.0	0.3	0.1	-0.1
Apparel less footwear.....	2.038	124.889	123.808	127.725	2.3	3.2	-0.5	0.6	1.1
Fuels and utilities.....	4.371	306.948	314.948	316.243	3.0	0.4	0.1	-0.7	0.5
Household energy.....	3.275	257.971	263.440	264.362	2.5	0.3	0.0	-1.0	0.5
Medical care.....	7.954	548.431	564.407	566.266	3.3	0.3	-0.2	-0.1	0.4
Transportation.....	15.963	272.517	271.391	269.604	-1.1	-0.7	-0.1	0.1	-0.2
Private transportation.....	14.923	272.841	272.087	269.771	-1.1	-0.9	-0.1	0.0	-0.4
New and used motor vehicles ²	6.169	127.194	124.224	124.187	-2.4	0.0	-0.7	-0.2	0.3
Utilities and public transportation.....	7.568	253.337	258.017	259.374	2.4	0.5	-0.3	0.1	0.6
Household furnishings and operations.....	4.413	148.700	147.348	147.906	-0.5	0.4	0.3	-0.3	0.2
Other goods and services.....	2.901	543.350	561.561	562.638	3.5	0.2	0.2	0.2	0.2
Personal care.....	2.346	276.813	283.080	283.738	2.5	0.2	0.3	-0.1	0.3

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, September 2024

[1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Sep. 2024 from:			Percent change to Aug. 2024 from:		
		Sep. 2023	Jul. 2024	Aug. 2024	Aug. 2023	Jun. 2024	Jul. 2024
U.S. city average.....	M	2.4	0.2	0.2	2.5	0.2	0.1
Region and area size²							
Northeast.....	M	3.4	0.6	0.3	3.4	0.3	0.2
Northeast - Size Class A.....	M	3.6	0.6	0.4	3.5	0.3	0.2
Northeast - Size Class B/C ³	M	3.2	0.5	0.2	3.3	0.2	0.3
New England ⁴	M	3.4	0.5	0.3	3.3	-0.1	0.2
Middle Atlantic ⁴	M	3.4	0.6	0.3	3.4	0.4	0.3
Midwest.....	M	2.5	0.1	0.0	2.6	0.6	0.1
Midwest - Size Class A.....	M	3.3	-0.1	0.0	3.4	0.8	0.0
Midwest - Size Class B/C ³	M	2.1	0.2	0.0	2.1	0.5	0.2
East North Central ⁴	M	2.6	0.0	0.0	2.5	0.5	0.0
West North Central ⁴	M	2.3	0.3	0.0	2.8	0.9	0.3
South.....	M	2.1	0.1	0.1	2.3	0.1	0.0
South - Size Class A.....	M	2.2	0.0	-0.1	2.6	0.1	0.1
South - Size Class B/C ³	M	2.1	0.1	0.2	2.1	0.1	-0.1
South Atlantic ⁴	M	2.1	0.1	0.0	2.4	0.2	0.0
East South Central ⁴	M	3.2	0.5	0.4	2.9	0.2	0.1
West South Central ⁴	M	1.7	-0.1	0.1	1.7	-0.1	-0.1
West.....	M	2.1	0.3	0.2	2.2	-0.1	0.1
West - Size Class A.....	M	2.5	0.2	0.2	2.6	0.1	0.0
West - Size Class B/C ³	M	1.6	0.5	0.3	1.7	-0.3	0.2
Mountain ⁴	M	1.4	0.3	0.0	2.0	0.1	0.3
Pacific ⁴	M	2.3	0.3	0.3	2.3	-0.1	0.0
Size classes							
Size Class A ⁵	M	2.8	0.2	0.1	3.0	0.3	0.1
Size Class B/C ³	M	2.2	0.3	0.2	2.2	0.1	0.1
Selected local areas							
Chicago-Naperville-Elgin, IL-IN-WI.....	M	4.1	0.7	0.5	3.8	0.9	0.2
Los Angeles-Long Beach-Anaheim, CA.....	M	2.8	0.4	0.2	2.9	0.3	0.1
New York-Newark-Jersey City, NY-NJ-PA.....	M	3.8	0.7	0.4	3.7	0.5	0.3
Atlanta-Sandy Springs-Roswell, GA.....	2				1.7	0.1	
Baltimore-Columbia-Towson, MD ⁶	2				3.0	0.5	
Detroit-Warren-Dearborn, MI.....	2				3.5	0.8	
Houston-The Woodlands-Sugar Land, TX.....	2				1.7	0.6	
Miami-Fort Lauderdale-West Palm Beach, FL.....	2				2.6	0.3	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	2				3.4	0.6	
Phoenix-Mesa-Scottsdale, AZ ⁷	2				2.3	-0.3	
San Francisco-Oakland-Hayward, CA.....	2				2.7	-0.5	
Seattle-Tacoma-Bellevue, WA.....	2				3.1	0.1	
St. Louis, MO-IL.....	2				3.3	0.1	
Urban Alaska.....	2				1.5	-0.1	
Boston-Cambridge-Newton, MA-NH.....	1	3.4	0.7				
Dallas-Fort Worth-Arlington, TX.....	1	2.6	-0.4				
Denver-Aurora-Lakewood, CO.....	1	1.4	0.0				
Minneapolis-St.Paul-Bloomington, MN-WI.....	1	1.9	0.0				
Riverside-San Bernardino-Ontario, CA ⁴	1	1.4	0.0				
San Diego-Carlsbad, CA.....	1	2.5	0.3				
Tampa-St. Petersburg-Clearwater, FL ⁸	1	1.2	-0.1				
Urban Hawaii.....	1	4.2	0.7				
Washington-Arlington-Alexandria, DC-VA-MD-WV ⁶	1	2.6	0.3				

¹ Foods, fuels, and several other items are priced every month in all areas. Most other goods and services are priced as indicated: M - Every month.

¹ 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, September 2024
 [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 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
December 2021.....			6.5	7.0
January 2022.....	0.8	0.8	6.8	7.5
February 2022.....	0.9	0.9	7.3	7.9
March 2022.....	1.4	1.3	8.1	8.5
April 2022.....	0.6	0.6	7.9	8.3
May 2022.....	1.1	1.1	8.3	8.6
June 2022.....	1.2	1.4	8.7	9.1
July 2022.....	0.0	0.0	8.1	8.5
August 2022.....	-0.1	0.0	7.9	8.3
September 2022.....	0.3	0.2	7.9	8.2
October 2022.....	0.5	0.4	7.6	7.7
November 2022.....	-0.1	-0.1	7.0	7.1
December 2022.....	-0.3	-0.3	6.4	6.5
January 2023.....	0.8	0.8	6.4	6.4
February 2023.....	0.5	0.6	6.0	6.0
March 2023.....	0.3	0.3	4.8	5.0
April 2023.....	0.5	0.5	4.7	4.9
May 2023.....	0.2	0.3	3.8	4.0
June 2023.....	0.3	0.3	2.9	3.0
July 2023.....	0.1	0.2	3.0	3.2
August 2023.....	0.4	0.4	3.5	3.7
September 2023.....	0.2	0.2	3.4	3.7
October 2023.....	0.0	0.0	2.9	3.2
November 2023.....	-0.2	-0.2	2.7	3.1
December 2023.....	-0.1	-0.1	2.9	3.4
January 2024.....	0.5	0.5	2.7	3.1
February 2024.....	0.6	0.6	2.8	3.2
March 2024.....	0.7	0.6	3.2	3.5
April 2024.....	0.4	0.4	3.1	3.4
May 2024.....	0.2	0.2	3.0	3.3
June 2024.....	0.0	0.0	2.7	3.0
July 2024.....	0.1	0.1	2.7	2.9
August 2024.....	0.1	0.1	2.4	2.5
September 2024.....	0.1	0.2	2.3	2.4

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, September 2024, 1-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 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.....	13.426	0.4	0.054	0.08	L-Jan.2024	0.4
Food at home.....	8.047	0.4	0.035	0.12	L-Jan.2024	0.4
Cereals and bakery products.....	1.044	0.3	0.003	0.28	L-Apr.2024	0.6
Cereals and cereal products.....	0.309	0.5	0.002	0.46	L-Apr.2024	2.2
Flour and prepared flour mixes.....	0.052	-0.6	0.000	0.82	S-May 2024	-1.7
Breakfast cereal ⁴	0.122	-0.4	-0.001	0.88	S-Jun.2024	-2.0
Rice, pasta, cornmeal.....	0.135	1.3	0.002	0.50	L-Oct.2022	1.4
Rice ^{4, 5, 6}		0.3		0.69	L-Apr.2024	0.4
Bakery products ⁴	0.735	0.2	0.001	0.34	L-Jun.2024	0.4
Bread ^{4, 5}	0.196	-0.2	0.000	0.56	S-Jul.2024	-1.1
White bread ^{4, 6}		-0.9		0.76	S-Jul.2024	-1.0
Bread other than white ^{4, 6}		0.9		0.86	L-May 2024	2.2
Fresh biscuits, rolls, muffins ⁵	0.113	-0.9	-0.001	1.03	L-Jul.2024	0.8
Cakes, cupcakes, and cookies ⁴	0.188	1.2	0.002	0.59	L-Feb.2024	1.8
Cookies ^{4, 6}		1.9		0.72	L-Feb.2024	2.1
Fresh cakes and cupcakes ^{4, 6}		0.3		0.73	S-Jul.2024	0.1
Other bakery products.....	0.237	0.4	0.001	0.69	L-Jun.2024	1.1
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		0.5		1.05	L-Jun.2024	1.7
Crackers, bread, and cracker products ⁶		0.5		1.06	L-Jun.2024	0.8
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		-1.9		1.20	S-Sep.2023	-1.9
Meats, poultry, fish, and eggs.....	1.725	0.8	0.014	0.26	-	-
Meats, poultry, and fish.....	1.593	0.2	0.003	0.27	S-Jun.2024	-0.1
Meats.....	1.034	0.3	0.003	0.33	S-Jun.2024	-0.3
Beef and veal.....	0.468	0.6	0.003	0.45	L-Jul.2024	1.2
Uncooked ground beef ⁴	0.164	0.4	0.001	0.50	S-Apr.2024	0.3
Uncooked beef roasts ⁵	0.080	-0.3	0.000	1.42	L-Jul.2024	2.7
Uncooked beef steaks ⁵	0.173	-0.4	-0.001	0.92	S-Jun.2024	-2.7
Uncooked other beef and veal ^{4, 5}	0.052	0.3	0.000	0.84	S-Jul.2024	0.1
Pork.....	0.329	0.5	0.002	0.61	L-May 2024	0.9
Bacon, breakfast sausage, and related products ⁵	0.140	1.2	0.002	0.89	L-Oct.2023	1.3
Bacon and related products ⁶		1.6		1.16	L-May 2024	1.7
Breakfast sausage and related products ^{5, 6}		2.0		1.10	L-Apr.2024	3.4
Ham.....	0.064	-1.1	-0.001	1.63	L-Jul.2024	3.3
Ham, excluding canned ⁶		-1.1		1.33	L-Jul.2024	3.4
Pork chops ⁴	0.043	-1.2	-0.001	1.32	S-Feb.2024	-3.4
Other pork including roasts, steaks, and ribs ⁵	0.082	2.0	0.002	1.43	S-Jul.2024	0.2
Other meats.....	0.237	-0.5	-0.001	0.61	S-Jun.2024	-0.6
Frankfurters ⁶		-2.4		1.68	S-Feb.2024	-3.8
Lunchmeats ^{4, 5, 6}		-0.4		0.78	S-Jun.2024	-1.0
Poultry ⁴	0.311	-0.1	0.000	0.63	S-Apr.2024	-0.6
Chicken ^{4, 5}	0.250	0.2	0.001	0.64	S-Jul.2024	0.1
Fresh whole chicken ^{4, 6}		-1.2		1.05	S-Feb.2024	-2.9
Fresh and frozen chicken parts ^{4, 6}		0.8		0.66	L-May 2024	1.0
Other uncooked poultry including turkey ⁵	0.061	-2.3	-0.001	1.31	S-May 2024	-3.1
Fish and seafood.....	0.249	-0.2	-0.001	0.51	S-Jul.2024	-0.5
Fresh fish and seafood ^{4, 5}	0.118	0.0	0.000	0.75	L-Jun.2024	2.1
Processed fish and seafood ⁵	0.131	-0.2	0.000	0.82	S-Jun.2024	-0.6
Shelf stable fish and seafood ⁶		0.1		1.41	S-Jun.2024	-1.3
Frozen fish and seafood ⁶		-1.0		1.00	S-Feb.2024	-2.6

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Eggs.....	0.132	8.4	0.011	0.83	L-Jan.2023	10.1
Dairy and related products.....	0.733	0.1	0.001	0.36	S-Jul.2024	-0.2
Milk ⁵	0.174	-0.3	-0.001	0.39	S-May 2024	-1.3
Fresh whole milk ⁶		-0.9		0.37	S-Apr.2024	-0.9
Fresh milk other than whole ^{4, 5, 6}		-0.6		0.48	S-May 2024	-0.7
Cheese and related products ⁴	0.228	0.8	0.002	0.61	L-Jan.2024	1.0
Ice cream and related products.....	0.107	-0.9	-0.001	1.05	S-Jul.2024	-2.1
Other dairy and related products ⁵	0.225	0.0	0.000	0.60	L-Jun.2024	0.9
Fruits and vegetables.....	1.371	0.9	0.012	0.30	L-May 2023	1.1
Fresh fruits and vegetables.....	1.035	1.2	0.012	0.37	L-May 2023	1.2
Fresh fruits.....	0.546	2.2	0.012	0.52	L-Feb.2022	2.8
Apples.....	0.068	2.4	0.002	1.00	L-Nov.2022	2.5
Bananas ⁴	0.082	0.1	0.000	0.64	L-May 2024	0.1
Citrus fruits ⁵	0.161	1.9	0.003	0.84	L-Jun.2024	3.2
Oranges, including tangerines ⁶		0.9		1.43	L-Jul.2024	1.9
Other fresh fruits ⁵	0.235	3.0	0.007	1.13	L-Jun.2023	3.9
Fresh vegetables.....	0.489	0.0	0.000	0.49	L-Jul.2024	0.9
Potatoes.....	0.076	1.8	0.001	0.96	L-Nov.2023	3.7
Lettuce.....	0.064	-3.2	-0.002	1.17	S-Mar.2023	-6.1
Tomatoes.....	0.079	-2.1	-0.002	1.05	S-Jun.2024	-3.3
Other fresh vegetables.....	0.270	0.8	0.002	0.73	L-Jul.2024	1.0
Processed fruits and vegetables ⁵	0.336	-0.1	0.000	0.43	L-Jul.2024	0.2
Canned fruits and vegetables ⁵	0.165	-0.4	-0.001	0.59	S-May 2024	-0.9
Canned fruits ^{5, 6}		0.0		0.93	L-Jun.2024	1.3
Canned vegetables ^{5, 6}		-0.1		0.84	L-Jul.2024	0.4
Frozen fruits and vegetables ⁵	0.102	-0.3	0.000	0.84	S-Jun.2024	-0.9
Frozen vegetables ⁶		-0.6		1.07	S-Jun.2024	-1.1
Other processed fruits and vegetables including dried ⁵	0.069	0.5	0.000	0.70	L-May 2024	0.5
Dried beans, peas, and lentils ^{4, 5, 6}		-0.4		1.06	—	—
Nonalcoholic beverages and beverage materials.....	1.017	0.0	0.000	0.39	L-Jul.2024	0.5
Juices and nonalcoholic drinks ⁵	0.722	-0.3	-0.002	0.45	L-Jul.2024	0.2
Carbonated drinks.....	0.324	-0.4	-0.001	0.82	L-Jul.2024	0.6
Frozen noncarbonated juices and drinks ^{4, 5}	0.009	-0.1	0.000	1.04	L-Jul.2024	0.7
Nonfrozen noncarbonated juices and drinks ⁵	0.389	-0.3	-0.001	0.57	S-Jun.2024	-0.6
Beverage materials including coffee and tea ⁵	0.295	0.8	0.002	0.64	L-Nov.2022	0.9
Coffee.....	0.182	1.7	0.003	0.85	L-Jul.2024	1.7
Roasted coffee ⁶		2.0		1.09	L-Jul.2022	2.7
Instant coffee ^{4, 6}		-0.8		1.03	S-Mar.2024	-2.3
Other beverage materials including tea ^{4, 5}	0.113	-0.9	-0.001	0.73	S-Jul.2024	-1.1
Other food at home.....	2.156	0.2	0.005	0.23	L-Jun.2024	0.5
Sugar and sweets ⁴	0.293	-0.7	-0.002	0.50	S-Mar.2024	-0.8
Sugar and sugar substitutes.....	0.043	-0.3	0.000	0.53	S-Jul.2024	-0.5
Candy and chewing gum ⁵	0.188	-1.2	-0.002	0.71	S-Dec.2019	-1.9
Other sweets ⁵	0.062	-1.6	-0.001	0.89	S-Jul.2024	-1.6
Fats and oils.....	0.249	1.1	0.003	0.49	L-Jun.2024	1.4
Butter and margarine ⁵	0.076	2.2	0.002	0.83	L-Jun.2024	2.4
Butter ⁶		2.8		1.34	L-Apr.2024	4.3
Margarine ⁶		1.9		1.62	L-Jun.2024	2.9
Salad dressing ^{4, 5}	0.058	3.3	0.002	1.11	L-Oct.2022	3.6
Other fats and oils including peanut butter ⁵	0.115	-0.2	0.000	0.71	S-Jul.2024	-0.7
Peanut butter ^{4, 5, 6}		1.5		0.97	L-May 2024	2.6
Other foods.....	1.614	0.3	0.005	0.29	L-Jun.2024	0.5

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Soups.....	0.098	-0.4	0.000	1.01	L-Jul.2024	-0.1
Frozen and freeze dried prepared foods.....	0.252	0.6	0.001	0.62	L-Mar.2024	0.8
Snacks.....	0.335	1.0	0.003	0.66	L-Sep.2023	1.2
Spices, seasonings, condiments, sauces.....	0.327	0.1	0.000	0.49	S-May 2024	-1.0
Salt and other seasonings and spices ^{5, 6}		0.6		0.85	L-Jul.2024	2.0
Olives, pickles, relishes ^{4, 5, 6}		0.2		0.87	S-Jul.2024	-1.9
Sauces and gravies ^{5, 6}		-0.3		0.67	S-Jul.2024	-0.6
Other condiments ⁶		1.2		0.85	S-Jun.2024	0.4
Baby food and formula ^{4, 5}	0.047	1.2	0.001	0.89	L-Jun.2024	1.7
Other miscellaneous foods ⁵	0.555	0.2	0.001	0.51	L-Jun.2024	0.6
Prepared salads ^{6, 7}		0.3		0.82	S-Jul.2024	-1.5
Food away from home ⁴	5.378	0.3	0.018	0.07	—	—
Full service meals and snacks ^{4, 5}	2.468	0.4	0.010	0.10	L-Jun.2024	0.6
Limited service meals and snacks ^{4, 5}	2.519	0.2	0.006	0.12	S-Jun.2024	0.2
Food at employee sites and schools ^{4, 5}	0.079	1.7	0.001	0.23	L-Aug.2023	2.0
Food at elementary and secondary schools ^{4, 6, 8}		2.1		0.12	L-Dec.2017	4.1
Food from vending machines and mobile vendors ^{4, 5}	0.049	0.2	0.000	0.47	—	—
Other food away from home ^{4, 5}	0.262	0.5	0.001	0.26	S-Jul.2024	0.3
Energy.....	6.803	-1.9	-0.124	0.20	S-Jun.2024	-2.0
Energy commodities.....	3.679	-4.0	-0.144	0.22	S-Oct.2023	-4.3
Fuel oil and other fuels.....	0.151	-3.1	-0.005	0.58	S-Oct.2023	-3.7
Fuel oil.....	0.073	-6.0	-0.005	0.71	S-Oct.2023	-6.4
Propane, kerosene, and firewood ⁹	0.078	0.7	0.001	0.64	L-Jul.2024	1.9
Motor fuel.....	3.528	-4.0	-0.139	0.22	S-Nov.2023	-4.0
Gasoline (all types).....	3.429	-4.1	-0.137	0.23	S-Oct.2023	-4.3
Gasoline, unleaded regular ⁶		-4.4		0.66	S-Oct.2023	-4.5
Gasoline, unleaded midgrade ^{6, 10}		-3.2		0.59	S-Jun.2024	-3.6
Gasoline, unleaded premium ⁶		-2.4		0.60	S-Jun.2024	-3.9
Other motor fuels ^{4, 5}	0.100	-3.4	-0.003	0.33	S-Jan.2024	-3.9
Energy services.....	3.124	0.7	0.020	0.35	L-Mar.2024	0.7
Electricity.....	2.473	0.7	0.016	0.39	L-Mar.2024	0.9
Utility (piped) gas service.....	0.651	0.7	0.004	0.59	L-Jun.2024	2.4
All items less food and energy.....	79.771	0.3	0.250	0.04	—	—
Commodities less food and energy commodities.....	18.444	0.2	0.032	0.08	L-May 2023	0.4
Household furnishings and supplies ¹¹	3.410	0.0	0.001	0.21	L-Jul.2024	0.1
Window and floor coverings and other linens ⁵	0.287	-0.2	-0.001	0.96	S-Jul.2024	-0.8
Floor coverings ^{4, 5}	0.069	-1.4	-0.001	0.64	S-Jul.2024	-1.7
Window coverings ^{4, 5}	0.076	-0.7	-0.001	2.03	S-Jul.2024	-2.6
Other linens ⁵	0.141	-0.1	0.000	1.52	L-Jul.2024	0.0
Furniture and bedding ⁴	0.912	1.7	0.015	0.40	L-Jan.2022	2.4
Bedroom furniture ⁴	0.311	-0.2	-0.001	0.52	L-Jul.2024	0.2
Living room, kitchen, and dining room furniture ^{4, 5}	0.457	3.2	0.015	0.52	L-Sep.2021	3.5
Other furniture ⁵	0.138	-0.4	-0.001	1.06	S-Jul.2024	-0.9
Appliances ⁵	0.222	-0.6	-0.001	0.66	S-Apr.2024	-0.9
Major appliances ⁵	0.069	0.3	0.000	0.85	L-Jul.2024	0.4
Laundry equipment ^{4, 6}		0.0		1.10	S-Jul.2024	-0.4
Other appliances ⁵	0.152	-0.7	-0.001	0.84	S-Mar.2024	-1.9
Other household equipment and furnishings ⁵	0.503	-0.4	-0.002	0.60	L-Jul.2024	1.1
Clocks, lamps, and decorator items ⁴	0.296	-1.2	-0.004	0.86	S-Nov.2023	-3.3
Indoor plants and flowers ¹²	0.110	0.1	0.000	1.37	L-Jun.2024	2.1
Dishes and flatware ^{4, 5}	0.040	0.4	0.000	1.57	S-Jun.2024	-0.9
Nonelectric cookware and tableware ⁵	0.058	5.7	0.003	0.88	L-EVER	—

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 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 ^{4, 5} ..	0.694	-0.8	-0.005	0.62	S-Dec.2023	-0.9
Tools, hardware and supplies ⁵	0.189	-1.4	-0.003	0.53	S-Jun.2024	-1.4
Outdoor equipment and supplies ^{4, 5}	0.298	-1.0	-0.003	0.90	S-Apr.2024	-1.5
Housekeeping supplies ⁴	0.791	-0.3	-0.003	0.33	S-Mar.2024	-0.7
Household cleaning products ^{4, 5}	0.285	-0.3	-0.001	0.61	S-Mar.2024	-0.6
Household paper products ^{4, 5}	0.166	0.0	0.000	0.41	L-Jul.2024	0.1
Miscellaneous household products ^{4, 5}	0.341	-0.5	-0.002	0.42	S-Mar.2024	-1.1
Apparel.....	2.562	1.1	0.029	0.34	L-Apr.2024	1.2
Men's and boys' apparel.....	0.650	0.9	0.006	0.55	L-Apr.2024	1.7
Men's apparel.....	0.492	0.6	0.003	0.66	L-Apr.2024	1.3
Men's suits, sport coats, and outerwear.....	0.071	2.4	0.002	1.61	L-May 2024	3.0
Men's underwear, nightwear, swimwear, and accessories.....	0.159	-1.6	-0.003	0.84	S-Oct.2020	-2.7
Men's shirts and sweaters ⁵	0.138	0.5	0.001	1.37	L-Apr.2024	2.9
Men's pants and shorts.....	0.120	2.1	0.003	1.52	L-Apr.2024	2.5
Boys' apparel.....	0.157	1.3	0.002	1.18	S-Jul.2024	-0.4
Women's and girls' apparel.....	1.044	0.5	0.006	0.55	S-Jul.2024	-0.4
Women's apparel.....	0.913	0.5	0.004	0.57	S-Jul.2024	-0.3
Women's outerwear.....	0.058	0.1	0.000	1.71	L-Jun.2024	5.9
Women's dresses.....	0.126	-0.7	-0.001	1.52	L-Jul.2024	-0.3
Women's suits and separates ⁵	0.421	-0.4	-0.002	0.91	S-Jun.2024	-1.5
Women's underwear, nightwear, swimwear, and accessories ⁵	0.300	1.3	0.004	0.75	S-Jul.2024	-0.6
Girls' apparel.....	0.131	1.0	0.001	1.61	S-Jul.2024	-0.9
Footwear.....	0.525	1.2	0.006	0.54	L-Feb.2024	1.6
Men's footwear ⁴	0.186	1.2	0.002	1.00	L-Feb.2024	2.5
Boys' and girls' footwear ⁴	0.110	3.0	0.003	1.17	L-Mar.2023	3.5
Women's footwear.....	0.229	1.6	0.004	0.72	L-Feb.2023	2.5
Infants' and toddlers' apparel.....	0.100	-0.8	-0.001	0.99	S-Jun.2024	-1.8
Jewelry and watches ⁹	0.244	5.2	0.013	1.37	L-EVER	—
Watches ^{4, 9}	0.040	2.1	0.001	1.07	L-Jan.2024	2.5
Jewelry ⁹	0.204	4.7	0.010	1.67	L-Jun.2019	5.1
Transportation commodities less motor fuel ¹¹	5.975	0.3	0.015	0.03	L-Dec.2023	0.3
New vehicles.....	3.575	0.2	0.005	0.02	L-Dec.2023	0.2
New cars ⁶		0.0		0.06	S-Jul.2024	-0.3
New trucks ^{6, 13}		0.2		0.03	L-Dec.2023	0.2
Used cars and trucks.....	1.874	0.3	0.006	0.03	L-May 2024	0.6
Motor vehicle parts and equipment ⁴	0.461	0.9	0.004	0.43	L-Aug.2022	1.1
Tires ⁴	0.317	1.1	0.003	0.44	L-Dec.2023	1.2
Vehicle accessories other than tires ^{4, 5}	0.144	0.4	0.001	0.85	S-Jul.2024	0.1
Vehicle parts and equipment other than tires ^{4, 6}		0.3		1.04	—	—
Motor oil, coolant, and fluids ^{4, 6}		-0.2		0.64	S-Jul.2024	-0.4
Medical care commodities ⁴	1.473	-0.7	-0.010	0.29	S-Feb.2021	-0.7
Medicinal drugs ^{4, 11}	1.357	-0.8	-0.010	0.30	S-Sep.2019	-0.8
Prescription drugs ⁴	0.905	-0.5	-0.004	0.23	S-Jan.2024	-0.8
Nonprescription drugs ¹¹	0.452	-0.6	-0.003	0.77	—	—
Medical equipment and supplies ^{4, 11}	0.115	0.2	0.000	0.69	L-Jun.2024	1.0
Recreation commodities ¹¹	1.991	-0.3	-0.006	0.21	S-Jul.2024	-0.3
Video and audio products ¹¹	0.280	0.1	0.000	0.48	L-Feb.2024	1.1
Televisions.....	0.121	0.2	0.000	0.58	L-Jun.2024	0.6
Other video equipment ⁵	0.025	-1.3	0.000	0.93	S-Jun.2024	-1.8
Audio equipment ⁴	0.060	-0.4	0.000	1.31	L-Jul.2024	1.1
Recorded music and music subscriptions ^{4, 5}	0.069	0.8	0.001	0.65	L-Jul.2024	1.1

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 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	0.612	-0.4	-0.002	0.29	S-Apr.2024	-0.7
Pet food ^{4, 5, 6}		-0.3		0.32	L-Jul.2024	0.0
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		-0.5		0.68	S-Jul.2024	-0.8
Sporting goods ⁴	0.628	-0.3	-0.002	0.37	S-Jul.2024	-0.8
Sports vehicles including bicycles ⁴	0.416	-0.4	-0.002	0.56	S-Jul.2024	-1.2
Sports equipment ⁴	0.201	-0.2	0.000	0.45	L-Jul.2024	-0.1
Photographic equipment and supplies.....	0.025	-1.0	0.000	1.36	S-Jul.2024	-1.0
Photographic equipment ^{5, 6}		-0.7		1.38	L-Jun.2024	1.9
Recreational reading materials ⁴	0.101	-0.8	-0.001	0.70	L-Jul.2024	0.7
Newspapers and magazines ^{4, 5}	0.054	-3.3	-0.002	1.00	S-Mar.2022	-3.9
Recreational books ^{4, 5}	0.047	2.1	0.001	0.93	L-Jun.2024	2.8
Other recreational goods ⁵	0.346	-0.1	0.000	0.58	S-May 2024	-0.1
Toys.....	0.272	0.0	0.000	0.68	—	—
Toys, games, hobbies and playground equipment ^{5, 6}		-0.5		0.83	S-May 2024	-0.6
Sewing machines, fabric and supplies ^{4, 5}	0.028	-0.1	0.000	1.29	S-Jul.2024	-2.2
Music instruments and accessories ^{4, 5}	0.030	-0.1	0.000	0.70	L-Jun.2024	2.0
Education and communication commodities ¹¹	0.825	-0.7	-0.006	0.62	S-May 2024	-1.6
Educational books and supplies ⁴						
College textbooks ^{4, 6, 14}		4.2		1.14	L-EVER	—
Information technology commodities ¹¹	0.746	-1.2	-0.009	0.67	S-May 2024	-1.9
Computers, peripherals, and smart home assistants ^{4, 7}	0.301	-1.1	-0.003	0.98	S-Jun.2024	-1.9
Computer software and accessories ^{4, 5}	0.021	-0.4	0.000	1.76	S-May 2024	-3.9
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.424	-1.2	-0.005	0.92	S-May 2024	-2.4
Smartphones ^{4, 6, 15}		-0.7		1.03	L-Jul.2024	0.6
Alcoholic beverages.....	0.842	0.1	0.001	0.17	L-Jul.2024	0.3
Alcoholic beverages at home.....	0.472	0.1	0.001	0.22	L-Jul.2024	0.2
Beer, ale, and other malt beverages at home.....	0.175	0.6	0.001	0.31	L-Jul.2024	0.6
Distilled spirits at home ⁴	0.115	-0.4	0.000	0.42	S-Apr.2024	-1.0
Whiskey at home ^{4, 6}		-2.4		0.48	S-May 2016	-2.7
Distilled spirits, excluding whiskey, at home ^{4, 6}		0.2		0.53	L-Jul.2024	0.7
Wine at home ⁴	0.182	0.2	0.000	0.36	—	—
Alcoholic beverages away from home ⁴	0.370	0.1	0.000	0.25	S-Jul.2024	0.1
Beer, ale, and other malt beverages away from home ^{4, 5, 6}		0.1		0.27	S-May 2024	-0.1
Wine away from home ^{4, 5, 6}		0.2		0.35	—	—
Distilled spirits away from home ^{4, 5, 6}		0.0		0.22	—	—
Other goods ¹¹	1.365	0.3	0.004	0.21	L-May 2024	0.5
Tobacco and smoking products ⁴	0.555	0.0	0.000	0.25	S-Apr.2024	0.0
Cigarettes ^{4, 5}	0.459	-0.1	0.000	0.24	S-Apr.2024	-0.2
Tobacco products other than cigarettes ^{4, 5}	0.091	0.5	0.000	0.65	L-Jun.2024	0.6
Personal care products ⁴	0.655	0.4	0.003	0.33	L-Feb.2024	1.0
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.343	0.6	0.002	0.44	L-Jul.2024	0.6
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.301	0.2	0.000	0.48	S-Jul.2024	-0.2
Miscellaneous personal goods ⁵	0.155	1.1	0.002	0.83	L-Sep.2023	2.2
Stationery, stationery supplies, gift wrap ⁶		0.0		0.87	L-Jul.2024	2.9
Services less energy services.....	61.327	0.4	0.219	0.06	—	—
Shelter.....	36.517	0.2	0.082	0.07	S-Jun.2024	0.2
Rent of shelter ¹⁶	36.109	0.2	0.086	0.07	S-Jun.2024	0.2
Rent of primary residence.....	7.686	0.3	0.022	0.06	S-Jun.2024	0.3

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 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	1.486	-1.9	-0.028	1.31	S-Jun.2024	-2.0
Housing at school, excluding board ¹⁶	0.246	0.1	0.000	0.03	S-Oct.2023	0.1
Other lodging away from home including hotels and motels.....	1.240	-2.3	-0.028	1.52	S-Jun.2024	-2.5
Owners' equivalent rent of residences ¹⁶	26.937	0.3	0.090	0.05	S-Jun.2024	0.3
Owners' equivalent rent of primary residence ¹⁶ ..	25.598	0.3	0.085	0.05	S-Jun.2024	0.3
Tenants' and household insurance ^{4, 5}	0.409	-0.5	-0.002	0.11	S-Jun.2024	-0.7
Water and sewer and trash collection services ⁵	1.096	0.7	0.008	0.12	L-Jan.2024	1.1
Water and sewerage maintenance.....	0.770	0.8	0.006	0.13	L-Jan.2024	1.2
Garbage and trash collection ^{4, 13}	0.325	0.6	0.002	0.20	L-Feb.2024	0.6
Household operations ^{4, 5}	1.003		0.007	0.30	-	-
Domestic services ^{4, 5}						
Gardening and lawncare services ^{4, 5}	0.340	2.1	0.007	0.27	L-Sep.2023	5.0
Moving, storage, freight expense ^{4, 5}	0.145	-0.1	0.000	0.92	L-Jul.2024	0.8
Repair of household items ^{4, 5}						
Medical care services.....	6.481	0.7	0.043	0.14	L-Jan.2024	0.7
Professional services.....	3.582	0.6	0.023	0.16	L-Sep.2022	0.6
Physicians' services ⁴	1.796	0.9	0.016	0.16	L-Feb.2021	2.0
Dental services.....	0.901	0.6	0.005	0.21	L-May 2024	1.2
Eyeglasses and eye care ^{4, 9}	0.333	-0.1	0.000	0.40	L-Jul.2024	0.8
Services by other medical professionals ^{4, 9}	0.552	1.5	0.009	0.18	L-Jan.2022	2.5
Hospital and related services ⁴	2.313	0.3	0.006	0.17	S-Jul.2024	-1.0
Hospital services ^{4, 17}	1.985		0.003	0.20	-	-
Inpatient hospital services ^{4, 6, 17}				0.46	-	-
Outpatient hospital services ^{4, 6, 9}				0.46	-	-
Nursing homes and adult day services ¹⁷	0.170	0.8	0.001	0.24	L-Jan.2024	1.2
Care of invalids and elderly at home ^{4, 8}	0.158	1.2	0.002	0.27	L-Mar.2024	5.9
Health insurance ^{4, 8}	0.586	0.4	0.002	0.14	L-May 2024	0.5
Transportation services.....	6.460	1.4	0.088	0.19	L-Mar.2024	1.5
Leased cars and trucks ^{4, 14}	0.512		0.009	0.42	-	-
Car and truck rental ⁵	0.142	1.2	0.002	1.04	L-Jun.2024	1.3
Motor vehicle maintenance and repair ⁴	1.246	1.0	0.012	0.24	L-Mar.2024	1.7
Motor vehicle body work ⁴	0.055		0.000	0.29	-	-
Motor vehicle maintenance and servicing ⁴	0.581	-0.6	-0.003	0.33	S-Mar.2022	-1.0
Motor vehicle repair ^{4, 5}	0.520	2.8	0.015	0.51	L-Mar.2024	3.1
Motor vehicle insurance.....	2.981	1.2	0.036	0.29	L-Jul.2024	1.2
Motor vehicle fees ^{4, 5}	0.538	0.9	0.005	0.24	L-Apr.2024	0.9
State motor vehicle registration and license fees ^{4, 5}	0.290	0.1	0.000	0.04	S-Jun.2024	0.0
Parking and other fees ^{4, 5}	0.226	1.8	0.004	0.46	L-Jan.2024	1.9
Parking fees and tolls ^{5, 6}		0.0		0.38	S-Jun.2024	-0.2
Public transportation.....	1.040	2.4	0.025	0.64	S-Jul.2024	-1.2
Airline fares.....	0.731	3.2	0.024	0.88	S-Jul.2024	-1.6
Other intercity transportation.....	0.086	-1.2	-0.001	0.94	L-Jul.2024	-0.9
Ship fare ^{4, 5, 6}		0.2		1.05	S-Jul.2024	0.1
Intracity transportation ⁴	0.216	0.8	0.002	0.51	L-Mar.2024	1.2
Intracity mass transit ^{4, 6, 11}		0.1		0.04	-	-
Recreation services ¹¹	3.233	-0.5	-0.015	0.17	S-Jan.2021	-1.0
Video and audio services ¹¹	0.903	0.0	0.000	0.18	S-Jun.2024	-0.5
Cable, satellite, and live streaming television service ¹³	0.770	-0.2	-0.001	0.15	S-Jun.2024	-0.5
Purchase, subscription, and rental of video ^{4, 5}	0.133	1.0	0.001	0.92	L-Jul.2024	3.0
Video discs and other media ^{4, 5, 6}		0.5		1.92	S-Jul.2024	-0.9

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 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		0.52	L-Jul.2024	7.6
Pet services including veterinary ^{4, 5}	0.436	-0.3	-0.001	0.40	S-Jun.2024	-0.5
Pet services ^{4, 5, 6}		0.4		0.41	S-Jun.2024	0.0
Veterinarian services ^{4, 5, 6}		0.1		0.66	—	—
Photographers and photo processing ^{4, 5}	0.049	-0.5	0.000	0.36	S-May 2024	-2.8
Other recreation services ⁵	1.844	-0.7	-0.014	0.33	S-Mar.2024	-0.8
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{4, 5}	0.713	-2.1	-0.015	0.26	S-Jul.2020	-4.7
Admissions ⁴	0.618	0.7	0.004	0.68	L-Feb.2024	1.0
Admission to movies, theaters, and concerts ^{4, 5, 6}		-1.3		0.65	S-Jul.2020	-4.2
Admission to sporting events ^{4, 5, 6}		10.9		2.81	L-EVER	—
Fees for lessons or instructions ^{4, 9}	0.220	-0.8	-0.002	0.30	S-Feb.2024	-1.5
Education and communication services ¹¹	5.003	0.1	0.005	0.06	S-Jun.2024	0.0
Tuition, other school fees, and childcare.....	2.404	0.7	0.017	0.09	L-Aug.2018	0.7
College tuition and fees.....	1.258	0.8	0.011	0.06	L-Aug.2011	1.2
Elementary and high school tuition and fees.....	0.297	0.3	0.001	0.11	L-Jul.2024	0.6
Day care and preschool ¹²	0.712	0.4	0.003	0.14	S-Jun.2024	0.0
Technical and business school tuition and fees ^{4, 5}	0.048	0.0	0.000	0.17	S-May 2024	0.0
Postage and delivery services ⁵	0.066	-0.3	0.000	0.09	S-Oct.2023	-0.4
Postage.....	0.058	-0.3	0.000	0.00	S-Nov.2023	-0.3
Delivery services ⁵	0.009	-0.2	0.000	0.54	S-Jun.2024	-0.6
Telephone services ^{4, 5}	1.539	0.1	0.001	0.05	S-Jul.2024	-0.1
Wireless telephone services ^{4, 5}	1.331	0.1	0.001	0.03	S-Jul.2024	-0.1
Residential telephone services ^{4, 11}	0.208	0.0	0.000	0.26	L-Jul.2024	0.2
Internet services and electronic information providers ^{4, 5}	0.984	-1.3	-0.012	0.19	S-Jul.2017	-1.6
Other personal services ^{4, 11}	1.536	0.1	0.002	0.12	S-May 2024	-0.3
Personal care services ⁴	0.636	0.1	0.000	0.16	S-Jul.2024	0.1
Haircuts and other personal care services ^{4, 5}	0.636	0.1	0.000	0.16	S-Jul.2024	0.1
Miscellaneous personal services ⁴	0.900	0.2	0.001	0.18	L-Jul.2024	0.4
Legal services ^{4, 9}	0.261		0.000	0.13	—	—
Funeral expenses ^{4, 9}	0.157	0.0	0.000	0.23	S-Jul.2024	-0.4
Laundry and dry cleaning services ^{4, 5}	0.157	0.2	0.000	0.21	S-May 2024	0.2
Apparel services other than laundry and dry cleaning ^{4, 5}	0.026	0.1	0.000	0.46	S-Jul.2024	-2.3
Financial services ^{4, 9}	0.232	0.4	0.001	0.44	L-Apr.2024	2.5
Checking account and other bank services ^{4, 5, 6}		0.0		0.07	S-Jul.2024	0.0
Tax return preparation and other accounting fees ^{4, 5, 6}		0.6		1.31	L-Apr.2024	3.3
Special aggregate indexes						
All items less food.....	86.574	0.1	0.126	0.04	S-Jun.2024	-0.1
All items less shelter.....	63.483	0.2	0.098	0.05	L-Apr.2024	0.3
All items less food and shelter.....	50.057	0.1	0.045	0.06	L-Apr.2024	0.3
All items less food, shelter, and energy.....	43.254	0.4	0.168	0.05	L-Apr.2023	0.5
All items less food, shelter, energy, and used cars and trucks.....	41.380	0.4	0.162	0.06	L-Mar.2024	0.4
All items less medical care.....	92.046	0.2	0.147	0.04	—	—
All items less energy.....	93.197	0.3	0.303	0.04	—	—

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	One Month				
		Seasonally adjusted percent change Aug. 2024-Sep. 2024	Seasonally adjusted effect on All Items Aug. 2024-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Commodities.....	35.549	-0.2	-0.058	0.06	S-Jun.2024	-0.4
Commodities less food, energy, and used cars and trucks.....	16.570	0.2	0.026	0.09	L-Mar.2023	0.3
Commodities less food.....	22.123	-0.5	-0.112	0.07	S-Jun.2024	-0.7
Commodities less food and beverages.....	21.281	-0.5	-0.113	0.08	S-Jun.2024	-0.8
Services.....	64.451	0.4	0.240	0.06	L-Apr.2024	0.4
Services less rent of shelter ¹⁶	28.343	0.6	0.166	0.08	L-Mar.2024	0.8
Services less medical care services.....	57.970	0.3	0.185	0.06	S-Jul.2024	0.3
Durables.....	9.887	1.0	0.099	0.10	L-Jan.2022	1.1
Nondurables.....	25.662	-0.1	-0.028	0.07	S-Jun.2024	-0.5
Nondurables less food.....	12.236	-0.5	-0.058	0.12	S-Jun.2024	-1.1
Nondurables less food and beverages.....	11.394	-0.5	-0.060	0.12	S-Jun.2024	-1.2
Nondurables less food, beverages, and apparel.....	8.832	-0.9	-0.078	0.13	S-Jun.2024	-1.6
Nondurables less food and apparel.....	9.674	-0.9	-0.087	0.12	S-Jun.2024	-1.5
Housing.....	45.300	0.2	0.113	0.07	S-Jun.2024	0.2
Education and communication ⁵	5.828	0.0	-0.001	0.11	S-Jun.2024	-0.1
Education ⁵	2.483	0.8	0.020	0.10	L-Sep.2005	0.8
Communication ⁵	3.345	-0.6	-0.020	0.17	S-Nov.2018	-1.1
Information and information processing ⁵	3.278	-0.6	-0.020	0.17	S-Nov.2023	-0.6
Information technology, hardware and services ¹⁸	1.739	-1.2	-0.021	0.31	S-Jul.2009	-1.3
Recreation ⁵	5.224	-0.4	-0.021	0.14	S-Jan.2021	-0.6
Video and audio ⁵	1.183	0.0	0.000	0.17	L-Jul.2024	0.5
Pets, pet products and services ⁵	1.048	-0.4	-0.004	0.28	S-Aug.2023	-0.9
Photography ⁵	0.074	-0.6	0.000	0.55	S-May 2024	-1.7
Food and beverages.....	14.268	0.4	0.055	0.07	L-Jan.2024	0.4
Domestically produced farm food ⁴	6.699	0.5	0.036	0.13	L-Jan.2024	0.5
Other services.....	9.771	-0.1	-0.008	0.08	S-Nov.2021	-0.1
Apparel less footwear.....	2.038	1.1	0.023	0.41	L-Apr.2024	1.5
Fuels and utilities.....	4.371	0.5	0.024	0.26	L-Mar.2024	0.5
Household energy.....	3.275	0.5	0.015	0.33	L-Mar.2024	0.6
Medical care.....	7.954	0.4	0.033	0.13	L-May 2024	0.5
Transportation.....	15.963	-0.2	-0.036	0.08	S-Jun.2024	-1.3
Private transportation.....	14.923	-0.4	-0.062	0.08	S-Jun.2024	-1.1
New and used motor vehicles ⁵	6.169	0.3	0.021	0.05	L-Feb.2024	0.6
Utilities and public transportation.....	7.568	0.6	0.046	0.17	L-Feb.2024	0.7
Household furnishings and operations.....	4.413	0.2	0.008	0.19	L-Jul.2024	0.3
Other goods and services.....	2.901	0.2	0.007	0.12	—	—
Personal care.....	2.346	0.3	0.007	0.14	L-Jul.2024	0.3

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, September 2024, 12-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items.....	100.000	2.4		0.10	S-Feb.2021	1.7
Food.....	13.426	2.3	0.306	0.25	L-Jan.2024	2.6
Food at home.....	8.047	1.3	0.102	0.21	L-Dec.2023	1.3
Cereals and bakery products.....	1.044	0.1	0.001	0.43	L-Jun.2024	0.5
Cereals and cereal products.....	0.309	-0.6	-0.003	0.82	L-May 2024	0.1
Flour and prepared flour mixes.....	0.052	0.8	0.000	1.61	S-May 2024	0.6
Breakfast cereal.....	0.122	-0.1	0.000	1.50	L-May 2024	1.7
Rice, pasta, cornmeal.....	0.135	-1.6	-0.003	1.04	L-May 2024	-1.5
Rice ^{4, 5}		-1.6		1.94	L-Apr.2024	-1.0
Bakery products.....	0.735	0.5	0.004	0.53	L-Jul.2024	0.8
Bread ⁴	0.196	-0.8	-0.001	0.91	S-Jul.2024	-0.9
White bread ⁵		-1.6		1.09	S-Apr.2021	-2.3
Bread other than white ⁵		0.1		1.11	L-Jun.2024	1.8
Fresh biscuits, rolls, muffins ⁴	0.113	-0.4	0.000	1.48	S-Apr.2024	-0.5
Cakes, cupcakes, and cookies.....	0.188	1.6	0.003	0.99	L-Feb.2024	2.0
Cookies ⁵		2.3		1.48	L-Dec.2023	2.7
Fresh cakes and cupcakes ⁵		0.7		1.42	L-Mar.2024	1.0
Other bakery products.....	0.237	1.2	0.003	1.03	L-Jul.2024	1.5
Fresh sweetrolls, coffeecakes, doughnuts ⁵		2.2		1.92	L-Jan.2024	2.6
Crackers, bread, and cracker products ⁵		3.0		1.39	L-Jul.2024	3.0
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁵		-0.7		1.47	L-Jul.2024	1.3
Meats, poultry, fish, and eggs.....	1.725	3.9	0.066	0.46	L-Mar.2023	4.3
Meats, poultry, and fish.....	1.593	1.5	0.024	0.44	S-Feb.2024	1.1
Meats.....	1.034	2.5	0.026	0.46	S-Jul.2023	1.9
Beef and veal.....	0.468	4.2	0.019	0.72	-	-
Uncooked ground beef.....	0.164	4.7	0.008	0.85	S-Jul.2024	4.2
Uncooked beef roasts ⁴	0.080	6.1	0.005	1.73	S-May 2024	6.0
Uncooked beef steaks ⁴	0.173	1.9	0.003	1.31	L-Jul.2024	3.0
Uncooked other beef and veal ⁴	0.052	8.0	0.004	1.35	L-Jun.2024	10.5
Pork.....	0.329	1.5	0.005	0.93	S-Apr.2024	1.2
Bacon, breakfast sausage, and related products ⁴	0.140	0.6	0.001	1.31	S-Mar.2024	-0.3
Bacon and related products ⁵		-0.4		1.77	S-Nov.2023	-0.6
Breakfast sausage and related products ^{4, 5}		2.5		1.74	L-Apr.2023	4.9
Ham.....	0.064	-2.5	-0.002	2.23	L-Jul.2024	-1.9
Ham, excluding canned ⁵		-3.1		2.73	L-Jul.2024	-2.6
Pork chops.....	0.043	4.2	0.002	1.85	S-Apr.2024	1.7
Other pork including roasts, steaks, and ribs ⁴	0.082	4.9	0.004	1.90	L-Jun.2024	7.1
Other meats.....	0.237	0.8	0.002	1.19	S-Jul.2024	-0.1
Frankfurters ⁵		4.4		2.50	S-Feb.2024	1.5
Lunchmeats ^{4, 5}		0.5		1.24	S-Jul.2024	-0.3
Poultry.....	0.311	0.5	0.001	0.96	S-Jun.2024	0.3
Chicken ⁴	0.250	1.2	0.003	1.13	L-Jul.2024	1.7
Fresh whole chicken ⁵		2.0		1.90	S-Jun.2024	1.1
Fresh and frozen chicken parts ⁵		0.7		1.39	L-Jul.2024	1.2
Other uncooked poultry including turkey ⁴	0.061	-2.2	-0.002	2.36	S-Jul.2024	-2.3
Fish and seafood.....	0.249	-1.3	-0.004	0.91	L-Jun.2024	-1.0
Fresh fish and seafood ⁴	0.118	-1.4	-0.002	1.29	L-Jun.2024	-0.8
Processed fish and seafood ⁴	0.131	-1.3	-0.002	1.31	L-Jul.2024	-1.0
Shelf stable fish and seafood ⁵		-1.2		1.98	L-Jul.2024	0.3
Frozen fish and seafood ⁵		-0.9		2.02	S-Apr.2024	-2.9
Eggs.....	0.132	39.6	0.043	1.90	L-Feb.2023	55.4

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Dairy and related products.....	0.733	0.5	0.003	0.53	L-Jul.2023	1.3
Milk ⁴	0.174	0.8	0.002	0.82	S-Jun.2024	-1.0
Fresh whole milk ⁵		1.2		1.08	S-Jun.2024	-0.1
Fresh milk other than whole ^{4, 5}		0.6		0.89	S-Jun.2024	-1.3
Cheese and related products.....	0.228	-0.5	-0.001	0.83	L-Jul.2023	-0.3
Ice cream and related products.....	0.107	0.1	0.000	1.46	S-Jul.2024	-0.9
Other dairy and related products ⁴	0.225	1.3	0.003	1.03	L-Jun.2024	1.5
Fruits and vegetables.....	1.371	0.7	0.010	0.54	L-Apr.2024	1.7
Fresh fruits and vegetables.....	1.035	0.9	0.010	0.65	L-Apr.2024	1.4
Fresh fruits.....	0.546	1.6	0.009	1.01	L-Jan.2024	1.9
Apples.....	0.068	-11.3	-0.010	2.13	L-Mar.2024	-10.1
Bananas.....	0.082	-0.9	-0.001	1.24	L-Jun.2024	0.9
Citrus fruits ⁴	0.161	3.0	0.005	1.54	L-Dec.2023	5.4
Oranges, including tangerines ⁵		4.2		1.92	L-Dec.2023	5.3
Other fresh fruits ⁴	0.235	6.2	0.014	2.02	L-Apr.2024	7.8
Fresh vegetables.....	0.489	0.2	0.001	0.83	L-Jul.2024	0.4
Potatoes.....	0.076	-3.5	-0.004	1.57	L-May 2024	-3.2
Lettuce.....	0.064	0.6	0.000	2.06	S-Feb.2024	-6.1
Tomatoes.....	0.079	0.9	0.001	1.57	S-Jun.2024	-1.1
Other fresh vegetables.....	0.270	1.2	0.003	1.08	L-Jul.2024	1.3
Processed fruits and vegetables ⁴	0.336	0.1	0.000	0.83	S-Jan.2019	-0.5
Canned fruits and vegetables ⁴	0.165	0.3	0.000	0.97	S-Mar.2020	-0.7
Canned fruits ^{4, 5}		-0.4		1.70	S-Mar.2020	-1.9
Canned vegetables ^{4, 5}		0.8		1.03	S-Mar.2020	0.4
Frozen fruits and vegetables ⁴	0.102	-2.2	-0.002	1.92	S-Apr.2019	-2.4
Frozen vegetables ⁵		-2.2		2.53	S-Jan.2019	-3.1
Other processed fruits and vegetables including dried ⁴	0.069	3.1	0.002	1.35	L-Apr.2024	3.7
Dried beans, peas, and lentils ^{4, 5}		6.5		1.79	S-Jul.2024	6.0
Nonalcoholic beverages and beverage materials.....	1.017	1.3	0.013	0.55	—	—
Juices and nonalcoholic drinks ⁴	0.722	1.7	0.013	0.78	S-Jul.2021	0.9
Carbonated drinks.....	0.324	2.5	0.008	1.34	L-Jul.2024	3.9
Frozen noncarbonated juices and drinks ⁴	0.009	15.3	0.001	2.15	S-Jun.2023	13.3
Nonfrozen noncarbonated juices and drinks ⁴	0.389	0.8	0.003	0.89	S-Jun.2021	-0.1
Beverage materials including coffee and tea ⁴	0.295	0.2	0.001	0.93	L-Jul.2024	0.4
Coffee.....	0.182	-1.0	-0.002	1.16	L-Jul.2024	-0.4
Roasted coffee ⁵		-2.0		1.62	L-Jul.2024	-1.6
Instant coffee ⁵		3.3		2.19	S-Jun.2024	0.7
Other beverage materials including tea ⁴	0.113	2.2	0.002	1.39	S-Jul.2024	1.8
Other food at home.....	2.156	0.4	0.008	0.35	—	—
Sugar and sweets.....	0.293	0.8	0.002	0.94	S-Feb.2019	0.6
Sugar and sugar substitutes.....	0.043	3.3	0.001	1.21	S-Nov.2021	3.3
Candy and chewing gum ⁴	0.188	0.3	0.001	1.30	S-Aug.2018	-0.6
Other sweets ⁴	0.062	0.7	0.000	1.59	S-Jun.2021	0.0
Fats and oils.....	0.249	4.1	0.010	0.91	L-Aug.2023	4.7
Butter and margarine ⁴	0.076	4.5	0.003	1.44	L-May 2023	9.2
Butter ⁵		7.8		2.05	L-Mar.2023	8.7
Margarine ⁵		-0.6		2.31	L-Nov.2023	-0.3
Salad dressing ⁴	0.058	2.8	0.002	1.66	L-Dec.2023	3.0
Other fats and oils including peanut butter ⁴	0.115	4.6	0.005	1.58	S-May 2024	4.2
Peanut butter ^{4, 5}		1.2		2.21	L-Jul.2024	2.6
Other foods.....	1.614	-0.2	-0.004	0.42	—	—
Soups.....	0.098	0.6	0.000	1.86	L-Jul.2024	1.4
Frozen and freeze dried prepared foods.....	0.252	-1.8	-0.005	1.04	L-Jul.2024	-1.6

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Snacks.....	0.335	-2.5	-0.009	0.93	S-Dec.2002	-3.3
Spices, seasonings, condiments, sauces.....	0.327	2.6	0.008	0.80	S-Jul.2024	2.3
Salt and other seasonings and spices ^{4, 5}		0.6		1.42	L-Jul.2024	2.1
Olives, pickles, relishes ^{4, 5}		4.7		2.13	L-Jul.2023	8.5
Sauces and gravies ^{4, 5}		2.4		1.28	S-Oct.2021	1.8
Other condiments ⁵		10.0		4.01	L-Jul.2023	15.4
Baby food and formula ⁴	0.047	2.6	0.001	1.81	S-May 2024	2.5
Other miscellaneous foods ⁴	0.555	-0.1	0.000	0.89	S-May 2021	-0.5
Prepared salads ^{5, 6}		0.6		1.58	S-Jul.2024	-0.3
Food away from home.....	5.378	3.9	0.204	0.51	S-Apr.2021	3.8
Full service meals and snacks ⁴	2.468	3.9	0.093	0.43	L-Jun.2024	3.9
Limited service meals and snacks ⁴	2.519	4.1	0.099	0.32	S-Jun.2020	4.1
Food at employee sites and schools ⁴	0.079	3.8	0.003	50.66	L-May 2024	3.8
Food at elementary and secondary schools ^{5, 7}		2.9		65.81	L-May 2023	294.0
Food from vending machines and mobile vendors ⁴	0.049	3.8	0.001	2.27	S-May 2021	3.6
Other food away from home ⁴	0.262	3.0	0.008	0.84	S-Aug.2021	2.6
Energy.....	6.803	-6.8	-0.490	0.38	S-Jul.2023	-12.5
Energy commodities.....	3.679	-15.3	-0.595	0.29	S-Jul.2023	-20.3
Fuel oil and other fuels.....	0.151	-13.2	-0.024	0.86	S-Nov.2023	-19.3
Fuel oil.....	0.073	-22.4	-0.024	1.13	S-Nov.2023	-24.8
Propane, kerosene, and firewood ⁸	0.078	1.6	0.000	1.24	L-Jan.2023	2.9
Motor fuel.....	3.528	-15.5	-0.571	0.29	S-Jul.2023	-20.2
Gasoline (all types).....	3.429	-15.3	-0.548	0.30	S-Jul.2023	-19.9
Gasoline, unleaded regular ⁵		-15.7		0.83	S-Jul.2023	-20.3
Gasoline, unleaded midgrade ^{5, 9}		-13.3		0.73	S-Jul.2023	-18.6
Gasoline, unleaded premium ⁵		-12.6		0.80	S-Jul.2023	-16.8
Other motor fuels ⁴	0.100	-20.6	-0.022	0.73	S-Jul.2023	-30.1
Energy services.....	3.124	3.4	0.105	0.77	L-Jul.2024	4.2
Electricity.....	2.473	3.7	0.090	0.94	S-Feb.2024	3.6
Utility (piped) gas service.....	0.651	2.0	0.015	1.19	L-Jun.2024	3.7
All items less food and energy.....	79.771	3.3	2.625	0.12	L-Jun.2024	3.3
Commodities less food and energy commodities.....	18.444	-1.0	-0.212	0.20	L-Mar.2024	-0.7
Household furnishings and supplies ¹⁰	3.410	-2.2	-0.093	0.63	L-Jan.2024	-1.3
Window and floor coverings and other linens ⁴	0.287	-2.8	-0.009	2.17	L-Jul.2024	-2.8
Floor coverings ⁴	0.069	-3.0	-0.002	3.64	S-Jul.2024	-4.6
Window coverings ⁴	0.076	5.8	0.004	5.31	L-Jul.2024	7.2
Other linens ⁴	0.141	-7.3	-0.011	3.16	L-Jul.2024	-7.0
Furniture and bedding.....	0.912	-2.3	-0.024	1.02	L-Jun.2023	-1.5
Bedroom furniture.....	0.311	-2.2	-0.007	1.54	L-Jun.2024	-2.2
Living room, kitchen, and dining room furniture ⁴	0.457	-2.2	-0.012	1.64	L-Jun.2023	-2.1
Other furniture ⁴	0.138	-3.9	-0.005	2.71	L-Jan.2024	-2.7
Appliances ⁴	0.222	-2.6	-0.008	1.48	L-Oct.2023	-2.0
Major appliances ⁴	0.069	-2.2	-0.002	2.10	L-Dec.2022	-0.6
Laundry equipment ⁵		-0.9		2.40	L-Apr.2023	0.2
Other appliances ⁴	0.152	-3.0	-0.006	1.95	L-Jan.2024	-1.9
Other household equipment and furnishings ⁴	0.503	-2.4	-0.014	1.45	S-Mar.2024	-2.4
Clocks, lamps, and decorator items.....	0.296	-3.7	-0.012	2.22	S-Mar.2020	-4.8
Indoor plants and flowers ¹¹	0.110	4.0	0.005	2.14	S-Mar.2024	2.8
Dishes and flatware ⁴	0.040	-7.0	-0.003	3.51	S-Jul.2024	-8.4
Nonelectric cookware and tableware ⁴	0.058	-4.1	-0.004	1.77	L-Nov.2023	-3.0
Tools, hardware, outdoor equipment and supplies ⁴	0.694	-4.5	-0.041	1.83	S-EVER	-
Tools, hardware and supplies ⁴	0.189	-4.0	-0.009	1.55	S-Jul.2010	-4.5
Outdoor equipment and supplies ⁴	0.298	-5.0	-0.024	3.04	S-May 2024	-5.0

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Housekeeping supplies.....	0.791	0.4	0.003	0.79	S-Jul.2024	0.1
Household cleaning products ⁴	0.285	2.1	0.006	1.16	S-Jul.2024	0.9
Household paper products ⁴	0.166	-1.1	-0.002	1.24	L-Jul.2024	-0.7
Miscellaneous household products ⁴	0.341	-0.1	-0.001	1.53	S-Jul.2024	-0.1
Apparel.....	2.562	1.8	0.053	0.75	L-Oct.2023	2.6
Men's and boys' apparel.....	0.650	0.7	0.005	1.12	L-Jun.2024	0.8
Men's apparel.....	0.492	-0.9	-0.003	1.26	S-Mar.2021	-4.1
Men's suits, sport coats, and outerwear.....	0.071	-4.7	-0.003	3.46	L-Feb.2024	-3.2
Men's underwear, nightwear, swimwear, and accessories.....	0.159	-1.3	-0.003	1.72	S-Feb.2021	-1.9
Men's shirts and sweaters ⁴	0.138	0.8	0.002	3.02	L-Jul.2024	6.1
Men's pants and shorts.....	0.120	0.2	0.001	2.99	L-Jul.2024	0.4
Boys' apparel.....	0.157	5.7	0.008	2.80	L-Oct.2023	6.5
Women's and girls' apparel.....	1.044	2.8	0.032	1.45	L-Aug.2023	3.9
Women's apparel.....	0.913	2.8	0.030	1.68	L-Aug.2023	4.0
Women's outerwear.....	0.058	-6.1	-0.002	3.35	L-Jul.2024	-4.4
Women's dresses.....	0.126	-0.5	0.004	3.24	L-Jul.2024	1.7
Women's suits and separates ⁴	0.421	1.7	0.010	2.14	L-Apr.2024	2.4
Women's underwear, nightwear, swimwear, and accessories ⁴	0.300	6.5	0.019	2.75	L-Jul.2023	7.7
Girls' apparel.....	0.131	4.0	0.001	3.79	L-Jul.2023	7.2
Footwear.....	0.525	0.0	0.002	1.24	L-Jul.2024	1.0
Men's footwear.....	0.186	2.9	0.005	1.86	L-Apr.2024	4.0
Boys' and girls' footwear.....	0.110	-0.3	-0.001	2.13	L-Feb.2024	0.5
Women's footwear.....	0.229	-2.2	-0.003	1.82	L-Jul.2024	1.1
Infants' and toddlers' apparel.....	0.100	-0.7	-0.001	3.33	L-Apr.2024	1.0
Jewelry and watches ⁸	0.244	5.8	0.015	2.65	L-Jul.2023	6.5
Watches ⁸	0.040	6.4	0.002	2.17	L-Jul.2021	7.4
Jewelry ⁸	0.204	5.8	0.013	3.21	L-Aug.2023	6.6
Transportation commodities less motor fuel ¹⁰	5.975	-2.3	-0.153	0.09	L-Mar.2024	-0.8
New vehicles.....	3.575	-1.3	-0.052	0.10	S-Apr.2018	-1.6
New cars ⁵		-1.9		0.23	S-Apr.2018	-2.1
New trucks ^{5, 12}		-1.2		0.20	S-Apr.2018	-1.3
Used cars and trucks.....	1.874	-5.1	-0.106	0.10	L-Mar.2024	-2.2
Motor vehicle parts and equipment.....	0.461	1.9	0.009	0.87	L-Aug.2023	2.0
Tires.....	0.317	1.6	0.005	0.99	L-Aug.2023	1.7
Vehicle accessories other than tires ⁴	0.144	2.5	0.004	1.57	L-Jul.2023	2.7
Vehicle parts and equipment other than tires ⁵		3.5		1.90	L-Jun.2023	4.9
Motor oil, coolant, and fluids ⁵		0.7		1.32	L-Jul.2024	0.7
Medical care commodities.....	1.473	1.6	0.023	0.78	S-Jan.2022	1.4
Medicinal drugs ¹⁰	1.357	1.7	0.023	0.80	S-Jan.2022	1.3
Prescription drugs.....	0.905	2.2	0.020	0.91	L-Jul.2024	2.5
Nonprescription drugs ¹⁰	0.452	0.7	0.003	1.61	S-Oct.2021	0.7
Medical equipment and supplies ¹⁰	0.115	0.3	0.000	1.94	S-May 2024	-0.1
Recreation commodities ¹⁰	1.991	-1.5	-0.033	0.68	S-Jun.2024	-1.6
Video and audio products ¹⁰	0.280	-2.8	-0.007	1.09	S-Jul.2024	-2.9
Televisions.....	0.121	-5.6	-0.007	1.29	-	-
Other video equipment ⁴	0.025	-7.3	-0.001	2.12	S-Jul.2024	-10.7
Audio equipment.....	0.060	-1.4	0.000	3.17	S-Jun.2024	-4.7
Recorded music and music subscriptions ⁴	0.069	2.3	0.002	3.04	L-Jul.2024	2.8
Pets and pet products.....	0.612	-0.3	-0.002	1.06	S-May 2024	-1.5
Pet food ^{4, 5}		-0.9		1.28	S-May 2024	-1.1
Purchase of pets, pet supplies, accessories ^{4, 5}		1.5		1.70	S-Jul.2024	0.2
Sporting goods.....	0.628	-2.3	-0.016	1.24	S-Dec.2023	-2.5

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Sports vehicles including bicycles.....	0.416	-2.5	-0.011	1.95	S-Mar.2024	-3.4
Sports equipment.....	0.201	-1.9	-0.005	1.25	S-Dec.2023	-2.4
Photographic equipment and supplies.....	0.025	10.7	0.002	3.61	S-Jun.2024	10.1
Photographic equipment ^{4, 5}		9.9		4.65	S-Jun.2024	9.6
Recreational reading materials.....	0.101	0.8	0.001	2.68	S-May 2024	-1.8
Newspapers and magazines ⁴	0.054	0.3	0.000	3.93	S-Jun.2024	-0.1
Recreational books ⁴	0.047	1.3	0.001	2.35	S-Jul.2024	1.1
Other recreational goods ⁴	0.346	-2.8	-0.012	1.44	—	—
Toys.....	0.272	-2.9	-0.010	1.64	L-Jul.2024	-2.8
Toys, games, hobbies and playground equipment ^{4, 5}		-3.4		1.87	S-Jun.2024	-6.3
Sewing machines, fabric and supplies ⁴	0.028	-2.8	-0.001	4.16	S-Nov.2021	-4.8
Music instruments and accessories ⁴	0.030	-1.0	-0.001	2.99	S-Jul.2024	-1.2
Education and communication commodities ¹⁰	0.825	-6.9	-0.061	1.43	S-Jun.2024	-7.7
Educational books and supplies.....						
College textbooks ^{5, 13}		2.9		2.34	L-Feb.2023	3.2
Information technology commodities ¹⁰	0.746	-7.9	-0.063	1.58	S-Jun.2024	-8.5
Computers, peripherals, and smart home assistants ⁶	0.301	-4.7	-0.016	1.92	S-Oct.2023	-5.7
Computer software and accessories ⁴	0.021	-1.5	0.000	3.51	S-Jun.2024	-3.9
Telephone hardware, calculators, and other consumer information items ⁴	0.424	-10.4	-0.046	2.51	S-Jun.2024	-12.0
Smartphones ^{5, 14}		-9.3		2.55	—	—
Alcoholic beverages.....	0.842	1.5	0.012	0.48	S-Jul.2020	1.5
Alcoholic beverages at home.....	0.472	1.6	0.007	0.54	S-May 2024	1.4
Beer, ale, and other malt beverages at home.....	0.175	3.5	0.006	0.73	S-Jun.2024	3.1
Distilled spirits at home.....	0.115	0.1	0.000	0.75	S-Jan.2024	-0.2
Whiskey at home ⁵		-2.7		1.10	S-May 2018	-2.8
Distilled spirits, excluding whiskey, at home ⁵		0.5		1.28	L-May 2024	0.5
Wine at home.....	0.182	0.6	0.001	0.88	S-May 2024	0.5
Alcoholic beverages away from home.....	0.370	1.4	0.005	0.86	S-Jan.2020	1.3
Beer, ale, and other malt beverages away from home ^{4, 5}		1.7		0.95	S-Oct.2020	1.7
Wine away from home ^{4, 5}		1.0		1.44	S-Nov.2017	0.9
Distilled spirits away from home ^{4, 5}		1.2		1.39	S-Nov.2021	1.2
Other goods ¹⁰	1.365	3.0	0.040	0.57	S-Jul.2021	2.7
Tobacco and smoking products.....	0.555	8.2	0.042	0.65	S-Jul.2024	7.9
Cigarettes ⁴	0.459	8.8	0.037	0.69	S-Jul.2024	8.5
Tobacco products other than cigarettes ⁴	0.091	5.8	0.005	2.29	L-Jan.2024	6.9
Personal care products.....	0.655	0.1	0.002	0.75	S-Dec.2021	0.1
Hair, dental, shaving, and miscellaneous personal care products ⁴	0.343	0.7	0.002	1.08	L-Jul.2024	1.9
Cosmetics, perfume, bath, nail preparations and implements.....	0.301	-0.5	-0.001	1.07	S-Jul.2024	-0.5
Miscellaneous personal goods ⁴	0.155	-2.7	-0.004	2.31	S-Apr.2024	-2.9
Stationery, stationery supplies, gift wrap ⁵		3.0		2.49	S-Jul.2024	2.4
Services less energy services.....	61.327	4.7	2.836	0.15	S-Mar.2022	4.7
Shelter.....	36.517	4.9	1.723	0.23	S-Feb.2022	4.7
Rent of shelter ¹⁵	36.109	4.9	1.715	0.23	S-Feb.2022	4.8
Rent of primary residence.....	7.686	4.8	0.361	0.21	S-Apr.2022	4.8
Lodging away from home ⁴	1.486	-2.8	-0.006	2.00	S-Mar.2021	-6.4
Housing at school, excluding board ¹⁵	0.246	3.7	0.009	0.23	S-Aug.2023	3.6
Other lodging away from home including hotels and motels.....	1.240	-3.7	-0.015	2.29	S-Mar.2021	-7.6
Owners' equivalent rent of residences ¹⁵	26.937	5.2	1.360	0.22	S-May 2022	5.1

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 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 . . .	25.598	5.2	1.287	0.22	S-May 2022	5.1
Tenants' and household insurance ⁴	0.409	2.2	0.009	0.50	S-Aug.2023	1.5
Water and sewer and trash collection services ⁴	1.096	4.8	0.051	0.37	L-May 2024	4.8
Water and sewerage maintenance	0.770	5.2	0.039	0.36	L-Jul.2024	5.2
Garbage and trash collection ¹²	0.325	3.8	0.012	0.86	L-Jun.2024	3.8
Household operations ⁴	1.003		0.060	0.93	—	—
Domestic services ⁴						
Gardening and lawncare services ⁴	0.340	10.4	0.033	1.59	S-Apr.2024	3.2
Moving, storage, freight expense ⁴	0.145	0.0	0.002	2.39	L-Apr.2024	0.6
Repair of household items ⁴						
Medical care services	6.481	3.6	0.233	0.45	L-Dec.2022	4.1
Professional services	3.582	2.3	0.083	0.58	L-Feb.2023	2.4
Physicians' services	1.796	1.5	0.027	0.98	L-Jan.2023	1.7
Dental services	0.901	3.9	0.035	1.15	L-Jul.2024	5.0
Eyeglasses and eye care ⁸	0.333	2.2	0.007	1.00	S-Oct.2023	0.7
Services by other medical professionals ⁸	0.552	2.2	0.012	0.99	L-Nov.2022	3.7
Hospital and related services	2.313	4.8	0.109	0.94	S-Sep.2023	4.7
Hospital services ¹⁶	1.985	4.5	0.087	1.09	S-Sep.2023	4.5
Inpatient hospital services ^{5, 16}		4.4		1.74	S-Sep.2023	3.8
Outpatient hospital services ^{5, 8}		4.1		1.78	S-Mar.2023	4.1
Nursing homes and adult day services ¹⁶	0.170	5.6	0.009	0.66	L-Jun.2024	6.0
Care of invalids and elderly at home ⁷	0.158	8.7	0.013	1.08	L-Jul.2024	9.8
Health insurance ⁷	0.586	7.5	0.041	0.38	L-Dec.2022	7.9
Transportation services	6.460	8.5	0.522	0.61	L-Jul.2024	8.8
Leased cars and trucks ¹³	0.512	1.4	0.003	1.80	L-May 2024	4.3
Car and truck rental ⁴	0.142	-6.8	-0.008	1.58	L-Jul.2024	-6.2
Motor vehicle maintenance and repair	1.246	4.9	0.059	1.41	L-Jun.2024	6.0
Motor vehicle body work	0.055	-0.3	0.000	1.24	S-EVER	—
Motor vehicle maintenance and servicing	0.581	4.3	0.025	1.32	S-Mar.2022	3.6
Motor vehicle repair ⁴	0.520	6.0	0.031	3.09	L-Jun.2024	6.7
Motor vehicle insurance	2.981	16.3	0.438	1.11	S-Apr.2023	15.5
Motor vehicle fees ⁴	0.538	3.4	0.018	0.82	L-May 2024	3.4
State motor vehicle registration and license fees ⁴	0.290	2.3	0.007	1.08	L-Jul.2023	2.4
Parking and other fees ⁴	0.226	4.9	0.011	1.04	L-May 2024	5.9
Parking fees and tolls ^{4, 5}		4.4		1.20	S-Dec.2023	3.9
Public transportation	1.040	0.6	0.011	0.90	L-Mar.2023	12.4
Airline fares	0.731	1.6	0.015	1.08	L-Mar.2023	17.7
Other intercity transportation	0.086	-6.6	-0.004	2.26	S-Aug.2020	-6.8
Ship fare ^{4, 5}		-0.4		2.62	L-Jul.2024	-0.4
Intracity transportation	0.216	0.0	0.000	1.36	S-Aug.2023	-0.2
Intracity mass transit ^{5, 10}		0.4		0.45	S-Jun.2023	0.2
Recreation services ¹⁰	3.233	2.2	0.071	0.47	S-Jun.2021	1.9
Video and audio services ¹⁰	0.903	1.8	0.016	0.72	S-Sep.2019	1.6
Cable, satellite, and live streaming television service ¹²	0.770	1.0	0.008	0.73	S-Aug.2018	1.0
Purchase, subscription, and rental of video ⁴	0.133	6.2	0.008	3.38	L-Jul.2024	8.2
Video discs and other media ^{4, 5}		11.6		4.71	S-Feb.2024	8.9
Subscription and rental of video and video games ^{4, 5}		4.3		1.35	S-Jun.2024	-1.2
Pet services including veterinary ⁴	0.436	5.6	0.025	1.35	S-Jul.2024	4.9
Pet services ^{4, 5}		7.3		1.20	L-Mar.2023	8.0
Veterinarian services ^{4, 5}		6.7		2.18	S-Jul.2024	6.2
Photographers and photo processing ⁴	0.049	-4.8	-0.003	1.23	S-Dec.2019	-5.0

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Other recreation services ⁴	1.844	2.1	0.032	0.87	S-Nov.2021	1.9
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ⁴	0.713	1.0	0.007	0.85	S-Jun.2021	-0.4
Admissions.....	0.618	3.1	0.013	1.65	S-Oct.2022	-1.9
Admission to movies, theaters, and concerts ^{4, 5}		2.6		1.45	S-Jun.2021	0.1
Admission to sporting events ^{4, 5}		10.3		6.63	L-Jun.2024	15.1
Fees for lessons or instructions ⁸	0.220	3.8	0.007	2.27	S-Jul.2024	1.4
Education and communication services ¹⁰	5.003	2.3	0.116	0.23	—	—
Tuition, other school fees, and childcare.....	2.404	3.6	0.087	0.29	L-May 2023	3.6
College tuition and fees.....	1.258	2.2	0.028	0.37	L-May 2023	2.3
Elementary and high school tuition and fees.....	0.297	4.9	0.014	0.43	—	—
Day care and preschool ¹¹	0.712	6.0	0.041	0.48	S-Jul.2024	5.1
Technical and business school tuition and fees ⁴	0.048	2.0	0.001	0.55	L-Apr.2024	2.0
Postage and delivery services ⁴	0.066	5.2	0.003	0.34	S-Jul.2024	5.1
Postage.....	0.058	5.4	0.003	0.34	—	—
Delivery services ⁴	0.009	4.0	0.000	1.23	S-Feb.2024	3.4
Telephone services ⁴	1.539	0.4	0.007	0.42	L-Oct.2023	0.4
Wireless telephone services ⁴	1.331	-0.3	-0.004	0.48	L-May 2023	0.6
Residential telephone services ¹⁰	0.208	5.1	0.011	0.72	L-Jun.2024	5.1
Internet services and electronic information providers ⁴	0.984	2.0	0.019	0.66	S-Jan.2023	2.0
Other personal services ¹⁰	1.536	4.1	0.061	0.58	S-May 2024	4.1
Personal care services.....	0.636	4.8	0.029	0.83	L-Jun.2024	5.0
Haircuts and other personal care services ⁴	0.636	4.8	0.029	0.83	L-Jun.2024	5.0
Miscellaneous personal services.....	0.900	3.6	0.032	0.74	S-May 2024	3.6
Legal services ⁹	0.261	0.2	0.001	1.38	S-Dec.2019	-0.9
Funeral expenses ⁹	0.157	3.4	0.006	1.13	—	—
Laundry and dry cleaning services ⁴	0.157	5.7	0.009	0.91	—	—
Apparel services other than laundry and dry cleaning ⁴	0.026	6.7	0.002	2.15	L-Jun.2024	7.3
Financial services ⁹	0.232	5.8	0.013	1.63	L-Feb.2024	7.1
Checking account and other bank services ^{4, 5}		5.5		1.94	S-Jul.2024	5.1
Tax return preparation and other accounting fees ^{4, 5}				3.20	—	—
Special aggregate indexes						
All items less food.....	86.574	2.5	2.135	0.11	S-Jun.2023	2.5
All items less shelter.....	63.483	1.1	0.717	0.12	—	—
All items less food and shelter.....	50.057	0.8	0.411	0.14	—	—
All items less food, shelter, and energy.....	43.254	2.1	0.901	0.14	L-Apr.2024	2.1
All items less food, shelter, energy, and used cars and trucks.....	41.380	2.4	1.007	0.15	L-Jul.2024	2.4
All items less medical care.....	92.046	2.4	2.185	0.11	S-Feb.2021	1.6
All items less energy.....	93.197	3.2	2.931	0.11	L-May 2024	3.2
Commodities.....	35.549	-1.3	-0.500	0.13	S-Jun.2020	-1.3
Commodities less food, energy, and used cars and trucks.....	16.570	-0.5	-0.106	0.23	L-Mar.2024	-0.5
Commodities less food.....	22.123	-3.2	-0.807	0.17	S-Jul.2023	-3.5
Commodities less food and beverages.....	21.281	-3.4	-0.819	0.17	S-Jul.2023	-3.7
Services.....	64.451	4.7	2.941	0.15	S-Jan.2022	4.6
Services less rent of shelter ¹⁵	28.343	4.4	1.226	0.22	L-Jul.2024	4.6
Services less medical care services.....	57.970	4.8	2.709	0.16	S-Jan.2022	4.8
Durables.....	9.887	-2.9	-0.327	0.24	L-Mar.2024	-2.1

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2024, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2024	Twelve Month				
		Unadjusted percent change Sep. 2023-Sep. 2024	Unadjusted effect on All Items Sep. 2023-Sep. 2024 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Nondurables.....	25.662	-0.7	-0.173	0.17	S-Jun.2023	-1.3
Nondurables less food.....	12.236	-3.8	-0.479	0.23	S-Jul.2023	-5.3
Nondurables less food and beverages.....	11.394	-4.2	-0.492	0.24	S-Jul.2023	-5.9
Nondurables less food, beverages, and apparel.....	8.832	-5.9	-0.544	0.25	S-Jul.2023	-8.0
Nondurables less food and apparel.....	9.674	-5.3	-0.532	0.23	S-Jul.2023	-7.1
Housing.....	45.300	4.1	1.822	0.18	S-Sep.2021	3.9
Education and communication ⁴	5.828	0.9	0.055	0.25	S-Jul.2024	0.9
Education ⁴	2.483	3.6	0.089	0.28	L-Apr.2023	3.6
Communication ⁴	3.345	-1.0	-0.034	0.43	S-Mar.2024	-1.2
Information and information processing ⁴	3.278	-1.1	-0.037	0.44	S-Mar.2024	-1.2
Information technology, hardware and services ¹⁷	1.739	-2.5	-0.043	0.75	S-Mar.2023	-3.0
Recreation ⁴	5.224	0.7	0.037	0.36	S-Jan.2021	0.1
Video and audio ⁴	1.183	0.8	0.009	0.64	S-Sep.2022	0.3
Pets, pet products and services ⁴	1.048	2.1	0.023	0.95	S-Jul.2024	1.9
Photography ⁴	0.074	0.1	0.000	1.52	S-Jan.2020	-0.4
Food and beverages.....	14.268	2.2	0.318	0.24	L-Jul.2024	2.2
Domestically produced farm food.....	6.699	1.4	0.093	0.23	L-Nov.2023	1.6
Other services.....	9.771	2.6	0.248	0.21	S-Dec.2021	2.6
Apparel less footwear.....	2.038	2.3	0.051	0.91	L-Oct.2023	2.9
Fuels and utilities.....	4.371	3.0	0.132	0.58	—	—
Household energy.....	3.275	2.5	0.081	0.72	S-Feb.2024	0.2
Medical care.....	7.954	3.3	0.256	0.39	L-Jun.2024	3.3
Transportation.....	15.963	-1.1	-0.202	0.21	S-Jul.2023	-3.0
Private transportation.....	14.923	-1.1	-0.213	0.22	S-Jul.2023	-2.5
New and used motor vehicles ⁴	6.169	-2.4	-0.166	0.17	L-Mar.2024	-0.8
Utilities and public transportation.....	7.568	2.4	0.181	0.31	L-Jun.2024	2.5
Household furnishings and operations.....	4.413	-0.5	-0.033	0.55	L-Jul.2024	-0.4
Other goods and services.....	2.901	3.5	0.101	0.40	S-Sep.2021	3.4
Personal care.....	2.346	2.5	0.059	0.46	S-Jul.2021	2.1

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 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.