



**Transmission of material in this release is embargoed until
 8:30 a.m. (EDT) August 13, 2019**

USDL-19-1473

Technical information: (202) 691-7000 • cpi_info@bls.gov • www.bls.gov/cpi
 Media Contact: (202) 691-5902 • PressOffice@bls.gov

CONSUMER PRICE INDEX – JULY 2019

The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.3 percent in July on a seasonally adjusted basis after rising 0.1 percent in June, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index increased 1.8 percent before seasonal adjustment.

Increases in the indexes for gasoline and shelter were the major factors in the seasonally adjusted all items monthly increase. The energy index rose in July as the gasoline and electricity indexes increased, though the natural gas index declined. The index for food was unchanged for the second month in a row, as a decline in the food at home index was offset by an increase in the food away from home index.

The index for all items less food and energy rose 0.3 in July, the same increase as in June. The July rise was broad-based, with increases in the indexes for shelter, medical care, airline fares, household furnishings and operations, apparel, and personal care all contributing to the increase. The index for new vehicles was one of the few to decline in July.

The all items index increased 1.8 percent for the 12 months ending July, a larger increase than the 1.6-percent rise for the period ending June. The index for all items less food and energy rose 2.2 percent over the last 12 months, slightly more than the 2.1-percent increase for the period ending June. The food index rose 1.8 percent over the last year while the energy index declined 2.0 percent.

Chart 1. One-month percent change in CPI for All Urban Consumers (CPI-U), seasonally adjusted, July 2018 - July 2019
 Percent change

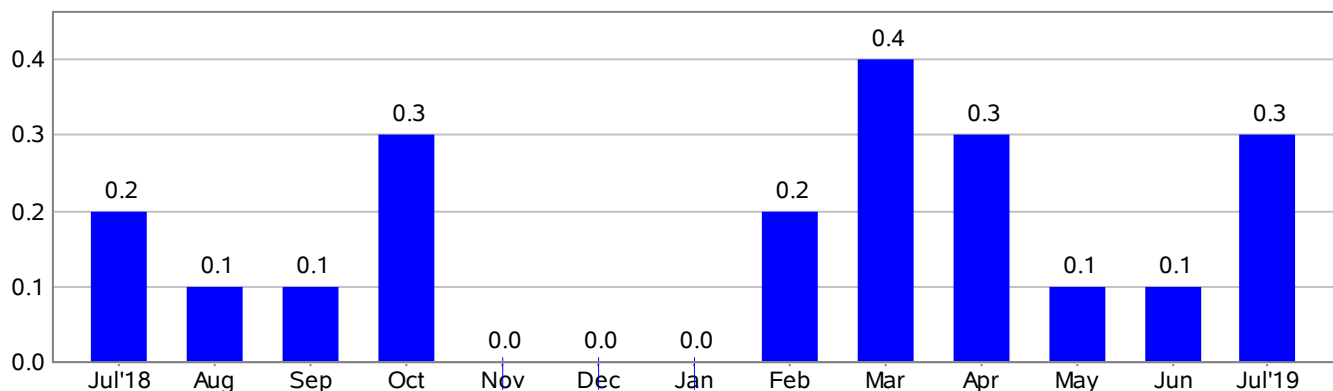


Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, July 2018 - July 2019

Percent change

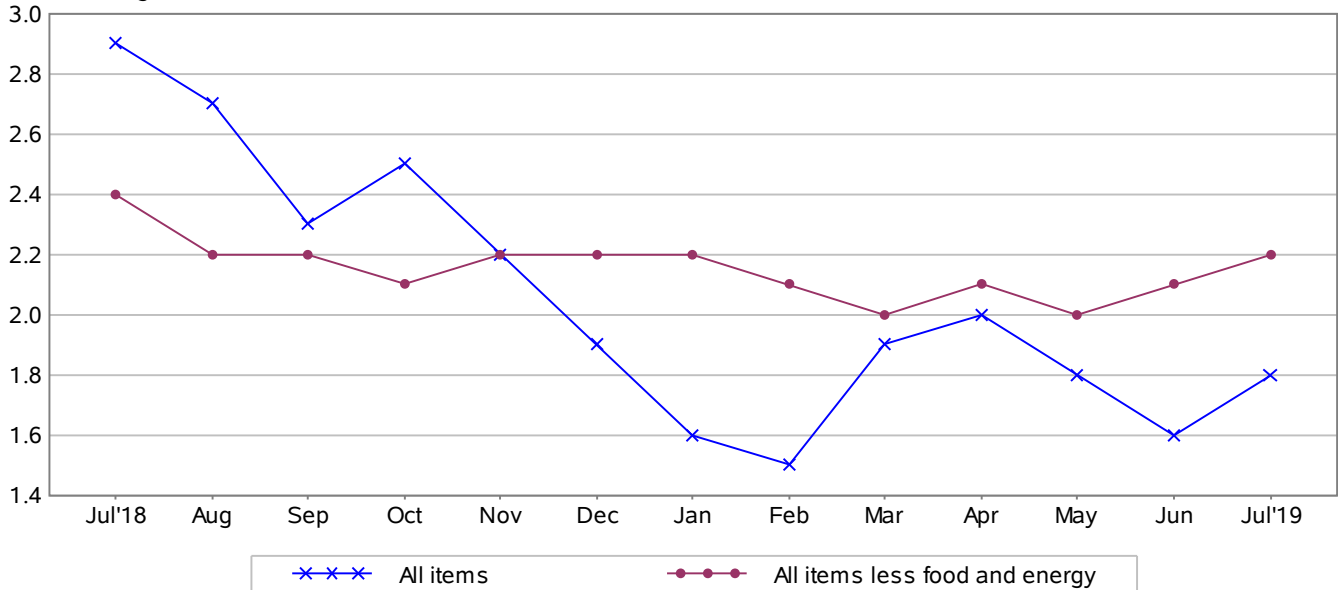


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended July 2019
	Jan. 2019	Feb. 2019	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019	
All items .....	.0	.2	.4	.3	.1	.1	.3	1.8
Food .....	.2	.4	.3	-.1	.3	.0	.0	1.8
Food at home .....	.1	.4	.4	-.5	.3	-.2	-.1	.6
Food away from home ¹ .....	.3	.4	.2	.3	.2	.3	.2	3.2
Energy	-3.1	.4	3.5	2.9	-6	-2.3	1.3	-2.0
Energy commodities	-5.3	1.5	6.2	5.4	-4	-3.5	2.4	-3.4
Gasoline (all types)	-5.5	1.5	6.5	5.7	-5	-3.6	2.5	-3.3
Fuel oil	-1.3	2.6	2.1	1.3	-3	-2.3	.6	-6.0
Energy services	-.5	-.8	.3	-.1	-.8	-.7	.0	-.2
Electricity	-.6	-.3	.4	.0	-.8	-.8	.6	.5
Utility (piped) gas service	-.3	-2.4	-.1	-.8	-1.0	-.3	-1.8	-2.9
All items less food and energy .....	.2	.1	.1	.1	.1	.3	.3	2.2
Commodities less food and energy								
commodities .....	.4	-.2	-.2	-.3	-.1	.4	.2	.4
New vehicles .....	.2	-.2	.4	.1	.1	.1	-.2	.3
Used cars and trucks .....	.1	-.7	-.4	-1.3	-1.4	1.6	.9	1.5
Apparel	1.1	.3	-1.9	-.8	.0	1.1	.4	-.5
Medical care commodities .....	.1	-1.0	.4	.9	-.4	-.2	.2	-.4
Services less energy services .....	.2	.2	.3	.3	.2	.3	.3	2.8
Shelter .....	.3	.3	.4	.4	.2	.3	.3	3.5
Transportation services	-.2	-.1	.0	.1	.1	.0	.3	.7
Medical care services .....	.3	.0	.3	.2	.5	.4	.5	3.3

¹ Not seasonally adjusted.

Food

The food index was unchanged in July. The index for food at home declined 0.1 percent after falling 0.2 percent in June. In July, three of the major grocery store food group indexes declined and three increased. The index for other food at home fell 0.7 percent in July after rising 0.7 percent in June. The index for nonalcoholic beverages fell for the second consecutive month, declining 0.4 percent. The index for dairy and related products declined 0.3 percent after rising in each of the previous 5 months.

In contrast, the index for fruits and vegetables rose 0.3 percent in July after declining in recent months, as the index for fresh vegetables increased 1.3 percent in July. The index for cereals and bakery products increased 0.3 percent in July, and the index for meats, poultry, fish, and eggs increased 0.1 percent; both indexes declined in June.

The index for food away from home increased 0.2 percent in July following a 0.3-percent increase in June. The indexes for full service meals and for limited service meals both rose 0.2 percent.

Over the last 12 months, the food at home index increased 0.6 percent. The index for meats, poultry, fish, and eggs was unchanged over the span. The remaining major grocery store food group indexes increased over the last year, but none more than 1.9 percent (nonalcoholic beverages). The index for food away from home rose 3.2 percent over the last year, with both the full service meals and limited service meals indexes increasing 3.2 percent.

Energy

The energy index increased 1.3 percent in July after falling 2.3 percent in June. The gasoline index rose 2.5 percent in July following a 3.6-percent decline in June. (Before seasonal adjustment, gasoline prices rose 0.8 percent in July.) The index for electricity also increased in July, rising 0.6 percent after falling in May and June. The index for natural gas decreased in July, falling 1.8 percent, its seventh consecutive decline.

Despite the monthly increase, the energy index decreased 2.0 percent over the past 12 months. The gasoline index fell 3.3 percent, and the fuel oil index declined 6.0 percent over the year. The index for natural gas declined 2.9 percent over the past year, but the index for electricity increased, rising 0.5 percent.

All items less food and energy

The index for all items less food and energy increased 0.3 percent in July. The shelter index rose 0.3 percent in July, the same increase as in June. The index for rent increased 0.3 percent in July and the index for owners' equivalent rent advanced 0.2 percent. The medical care index rose 0.5 percent in July as the hospital services index increased 0.5 percent, the prescription drugs index rose 0.4 percent, and the physicians' services index advanced 0.2 percent.

The index for used cars and trucks rose 0.9 percent in July following a 1.6-percent increase in June. The index for airline fares rose 2.3 percent in July after declining in June. The index for household furnishings and operations increased 0.4 percent, its third consecutive monthly increase, and the indexes for communication, for apparel, and for personal care each also rose 0.4 percent in July. Also increasing in July were the indexes for motor vehicle insurance, for tobacco, and for alcoholic beverages.

The recreation index was unchanged in July after a decline in June. The index for new vehicles declined in July, falling 0.2 percent after increasing in each of the previous 4 months.

The index for all items less food and energy rose 2.2 percent over the past 12 months. Most major component indexes increased over the past year, including shelter (3.5 percent) and medical care (2.6 percent). Exceptions include communication (-1.3 percent) and apparel (-0.5 percent).

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 1.8 percent over the last 12 months to an index level of 256.571 (1982-84=100). For the month, the index rose 0.2 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 1.7 percent over the last 12 months to an index level of 250.236 (1982-84=100). For the month, the index rose 0.2 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 1.7 percent over the last 12 months. For the month, the index rose 0.2 percent on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

The Consumer Price Index for August 2019 is scheduled to be released on Thursday, September 12, 2019 at 8:30 a.m. (EDT).

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 about 93 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 about 29 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 visits or telephone calls 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 <https://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) 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-2019.pdf. 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.

For analyzing short-term price trends in the economy, seasonally adjusted changes are usually preferred since they eliminate the effect of changes that normally occur at the same time and in about the same magnitude every year—such as price movements resulting from weather events, production cycles, model changeovers, holidays, and sales. This allows data users to focus on changes that are not typical for the time of year. The unadjusted data are of primary interest to consumers concerned about the prices they actually pay. Unadjusted data are also used extensively for escalation purposes. Many collective bargaining contract agreements and pension plans, for example, tie compensation changes to the Consumer Price Index before adjustment for seasonal variation. BLS advises against the use of seasonally adjusted data in escalation agreements because seasonally adjusted series are revised annually.

Intervention Analysis

The Bureau of Labor Statistics uses intervention analysis seasonal adjustment 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 2019, BLS adjusted 51 series using intervention analysis seasonal adjustment, including selected food and beverage items, motor fuels, electricity, 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 2019, revised seasonal factors and seasonally adjusted indexes for 2014 to 2018 were calculated and published. For series which are directly adjusted using the Census X-13ARIMA-SEATS seasonal adjustment software, the seasonal factors for 2018 will be applied to data for 2019 to produce the seasonally adjusted 2019 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. Twenty-nine of the 81 components of the U.S. city average all items index are not seasonally adjusted for 2019.

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 or contact the CPI seasonal adjustment section at 202-691-6968 or cpiseas@bls.gov.

Information from this release will be made available to sensory impaired individuals upon request. Voice phone: 202-691-5200; Federal Relay Service: 1-800-877-8339.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018	Jun. 2019	Jul. 2019	Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
All items.....	100.000	252.006	256.143	256.571	1.8	0.2	0.1	0.1	0.3
Food.....	13.232	253.746	258.064	258.274	1.8	0.1	0.3	0.0	0.0
Food at home.....	7.189	239.820	241.407	241.359	0.6	0.0	0.3	-0.2	-0.1
Cereals and bakery products.....	0.952	273.258	276.891	277.490	1.5	0.2	0.4	-0.6	0.3
Meats, poultry, fish, and eggs.....	1.579	250.042	249.231	250.033	0.0	0.3	0.8	-0.7	0.1
Dairy and related products.....	0.718	215.622	217.433	217.626	0.9	0.1	0.7	0.3	-0.3
Fruits and vegetables.....	1.262	297.632	298.611	299.350	0.6	0.2	-0.8	-0.5	0.3
Nonalcoholic beverages and beverage materials.....	0.861	166.577	170.230	169.685	1.9	-0.3	1.2	-0.6	-0.4
Other food at home.....	1.817	210.736	212.056	210.941	0.1	-0.5	0.0	0.7	-0.7
Food away from home ¹	6.043	276.125	284.316	284.891	3.2	0.2	0.2	0.3	0.2
Energy.....	7.748	227.107	221.373	222.492	-2.0	0.5	-0.6	-2.3	1.3
Energy commodities.....	4.373	257.338	246.818	248.629	-3.4	0.7	-0.4	-3.5	2.4
Fuel oil.....	0.108	296.602	277.244	278.773	-6.0	0.6	-0.3	-2.3	0.6
Motor fuel.....	4.196	253.424	243.163	245.042	-3.3	0.8	-0.5	-3.6	2.5
Gasoline (all types).....	4.108	252.232	242.043	244.000	-3.3	0.8	-0.5	-3.6	2.5
Energy services.....	3.375	207.091	206.219	206.651	-0.2	0.2	-0.8	-0.7	0.0
Electricity.....	2.645	217.900	217.947	219.083	0.5	0.5	-0.8	-0.8	0.6
Utility (piped) gas service.....	0.729	172.062	168.628	167.074	-2.9	-0.9	-1.0	-0.3	-1.8
All items less food and energy.....	79.021	257.867	263.177	263.566	2.2	0.1	0.1	0.3	0.3
Commodities less food and energy commodities.....	19.346	143.861	144.461	144.448	0.4	0.0	-0.1	0.4	0.2
Apparel.....	2.980	122.831	123.749	122.161	-0.5	-1.3	0.0	1.1	0.4
New vehicles.....	3.684	146.526	147.417	147.035	0.3	-0.3	0.1	0.1	-0.2
Used cars and trucks.....	2.392	140.687	140.823	142.756	1.5	1.4	-1.4	1.6	0.9
Medical care commodities.....	1.680	381.954	379.462	380.278	-0.4	0.2	-0.4	-0.2	0.2
Alcoholic beverages.....	0.959	248.469	252.538	253.129	1.9	0.2	0.4	0.3	0.4
Tobacco and smoking products.....	0.664	1,062.895	1,109.099	1,120.066	5.4	1.0	0.4	0.1	1.0
Services less energy services.....	59.675	328.641	337.197	337.867	2.8	0.2	0.2	0.3	0.3
Shelter.....	33.318	308.393	318.300	319.136	3.5	0.3	0.2	0.3	0.3
Rent of primary residence.....	7.931	319.351	330.648	331.605	3.8	0.3	0.2	0.4	0.3
Owners' equivalent rent of residences ²	23.972	315.391	325.189	326.023	3.4	0.3	0.3	0.3	0.2
Medical care services.....	6.978	518.277	532.956	535.515	3.3	0.5	0.5	0.4	0.5
Physicians' services.....	1.711	380.404	382.702	383.047	0.7	0.1	0.1	0.1	0.2
Hospital services ³	2.296	334.033	335.078	336.604	0.8	0.5	0.5	-0.1	0.5
Transportation services.....	5.940	322.842	326.667	325.105	0.7	-0.5	0.1	0.0	0.3
Motor vehicle maintenance and repair ¹	1.129	286.067	295.670	295.377	3.3	-0.1	-0.2	0.4	-0.1
Motor vehicle insurance.....	2.353	565.547	569.079	569.011	0.6	0.0	-0.4	0.3	0.3
Airline fares.....	0.738	264.994	283.001	268.314	1.3	-5.2	2.0	-0.9	2.3

¹ Not seasonally adjusted.

² Indexes on a December 1982=100 base.

³ Indexes on a December 1996=100 base.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, July 2019

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
All items.....	100.000	1.8	0.2	0.1	0.1	0.3
Food.....	13.232	1.8	0.1	0.3	0.0	0.0
Food at home.....	7.189	0.6	0.0	0.3	-0.2	-0.1
Cereals and bakery products.....	0.952	1.5	0.2	0.4	-0.6	0.3
Cereals and cereal products.....	0.308	1.1	0.2	-0.3	0.6	-0.1
Flour and prepared flour mixes.....	0.040	-0.3	1.1	0.1	0.6	0.2
Breakfast cereal ¹	0.149	2.0	0.0	-0.6	0.5	0.0
Rice, pasta, cornmeal ¹	0.119	0.6	0.1	-0.2	1.3	0.1
Rice ^{1, 2, 3}	1.9	1.9	0.0	-1.9	1.3	0.0
Bakery products ¹	0.644	1.7	0.2	0.7	-0.8	0.2
Bread ^{1, 2}	0.190	2.3	0.7	-0.1	-1.0	0.7
White bread ^{1, 3}	1.7	1.7	-0.2	-0.2	-0.9	-0.2
Bread other than white ^{1, 3}	3.0	3.0	1.4	0.3	-1.3	1.4
Fresh biscuits, rolls, muffins ²	0.090	0.0	-0.5	1.3	-1.5	-0.5
Cakes, cupcakes, and cookies.....	0.161	2.2	0.5	1.1	-0.4	0.4
Cookies ³	1.8	1.8	0.9	1.9	-0.7	1.3
Fresh cakes and cupcakes ^{1, 3}	3.2	3.2	0.1	0.0	0.4	0.1
Other bakery products.....	0.204	1.7	-0.1	1.5	-1.0	-0.1
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}	2.4	2.4	0.0	1.2	-1.3	0.0
Crackers, bread, and cracker products ³	1.7	1.7	0.0	2.5	-0.7	0.2
Frozen and refrigerated bakery products, pies, tarts, turnovers ³	0.0	0.0	-0.5	-0.1	-0.6	-0.7
Meats, poultry, fish, and eggs.....	1.579	0.0	0.3	0.8	-0.7	0.1
Meats, poultry, and fish.....	1.499	0.9	0.3	1.0	-0.7	0.1
Meats.....	0.940	1.6	0.8	1.2	-0.9	0.5
Beef and veal.....	0.429	0.8	0.5	0.8	-1.3	0.5
Uncooked ground beef ¹	0.167	-0.1	1.1	0.7	-1.3	1.1
Uncooked beef roasts ^{1, 2}	0.065	3.5	-0.5	2.9	2.5	-0.5
Uncooked beef steaks ²	0.160	0.4	0.4	1.1	-1.8	0.4
Uncooked other beef and veal ^{1, 2}	0.037	1.6	0.8	-0.9	0.5	0.8
Pork.....	0.295	2.7	1.5	2.4	-0.9	0.4
Bacon, breakfast sausage, and related products ²	0.135	3.1	0.6	2.4	1.8	-0.7
Bacon and related products ³	5.3	5.3	0.7	2.6	2.4	-0.8
Breakfast sausage and related products ^{2, 3}	0.4	0.4	0.8	2.1	0.4	0.0
Ham.....	0.053	1.7	2.7	1.7	-4.0	1.8
Ham, excluding canned ³	0.5	0.5	2.9	1.5	-4.8	1.8
Pork chops ¹	0.042	4.0	4.1	2.6	-4.1	4.1
Other pork including roasts, steaks, and ribs ²	0.065	1.7	0.6	2.4	-1.1	-0.2
Other meats.....	0.216	1.8	0.6	0.4	0.0	0.7
Frankfurters ³	3.4	3.4	-1.6	0.6	1.5	-0.8
Lunchmeats ^{2, 3}	1.4	1.4	0.6	0.4	0.9	-0.1
Lamb and organ meats ^{1, 3}	0.0	0.0	0.0	0.0	0.0	0.0
Lamb and mutton ^{1, 2, 3}	0.0	0.0	0.0	0.0	0.0	0.0
Poultry ¹	0.310	-1.8	-0.9	-0.1	0.2	-0.9
Chicken ^{1, 2}	0.255	-1.7	-0.7	-0.2	-0.1	-0.7
Fresh whole chicken ^{1, 3}	2.0	-2.0	-2.5	0.1	2.0	-2.5
Fresh and frozen chicken parts ^{1, 3}	1.5	-1.5	0.2	-0.5	-1.0	0.2
Other uncooked poultry including turkey ²	0.056	-2.5	-1.8	-0.5	1.1	-1.6
Fish and seafood.....	0.249	1.6	-0.2	1.5	-0.9	0.0
Fresh fish and seafood ²	0.128	1.4	-0.6	1.9	-1.1	-0.2
Processed fish and seafood ²	0.121	1.7	0.2	1.0	-0.7	0.1
Shelf stable fish and seafood ^{1, 3}	2.0	2.0	-1.0	0.8	-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, July 2019 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
Frozen fish and seafood ³		2.4	0.8	0.8	-0.7	-0.1
Eggs.....	0.079	-14.1	0.5	-2.2	-2.0	0.0
Dairy and related products.....	0.718	0.9	0.1	0.7	0.3	-0.3
Milk ²	0.199	3.2	0.4	-0.2	0.5	0.1
Fresh whole milk ³		2.9	0.4	-0.8	1.4	-0.2
Fresh milk other than whole ^{2, 3}		3.6	0.3	0.3	0.1	0.3
Cheese and related products ¹	0.233	-0.9	-0.2	0.7	0.6	-0.2
Ice cream and related products.....	0.099	-0.3	-0.2	0.7	-2.2	0.8
Other dairy and related products ^{1, 2}	0.186	1.6	0.3	0.9	-0.1	0.3
Fruits and vegetables.....	1.262	0.6	0.2	-0.8	-0.5	0.3
Fresh fruits and vegetables.....	0.992	0.3	0.5	-1.0	-0.7	0.6
Fresh fruits.....	0.523	-2.7	-0.3	-1.3	0.0	0.0
Apples.....	0.077	3.5	2.1	-1.2	-2.0	1.0
Bananas ¹	0.079	-1.6	-1.1	0.9	0.5	-1.1
Citrus fruits ²	0.151	-5.6	2.0	-2.4	-1.8	-0.2
Oranges, including tangerines ³		-6.8	4.7	-0.7	-3.0	-0.4
Other fresh fruits ²	0.216	-3.2	-2.5	-1.7	2.6	-0.4
Fresh vegetables.....	0.468	4.0	1.3	-0.7	-1.4	1.3
Potatoes.....	0.078	4.5	4.8	0.3	-3.0	2.6
Lettuce.....	0.059	14.2	8.3	-7.9	-0.9	9.5
Tomatoes ¹	0.074	-1.7	-0.3	-4.0	1.4	-0.3
Other fresh vegetables.....	0.257	3.2	-0.9	0.0	-0.8	-0.7
Processed fruits and vegetables ²	0.271	1.5	-0.6	0.2	0.3	-0.7
Canned fruits and vegetables ²	0.151	2.9	-1.5	1.2	-0.2	-1.6
Canned fruits ^{2, 3}		1.9	-0.7	-0.5	0.0	-0.4
Canned vegetables ^{2, 3}		3.1	-2.3	1.9	0.1	-2.3
Frozen fruits and vegetables ²	0.077	-0.2	0.1	-0.3	1.3	-0.1
Frozen vegetables ³		2.0	0.1	-1.1	2.1	-0.1
Other processed fruits and vegetables including dried ²	0.043	-0.4	1.6	0.4	0.1	2.0
Dried beans, peas, and lentils ^{1, 2, 3}		-3.3	1.9	-1.5	0.5	1.9
Nonalcoholic beverages and beverage materials.....	0.861	1.9	-0.3	1.2	-0.6	-0.4
Juices and nonalcoholic drinks ²	0.611	2.6	-0.4	1.2	-1.0	-0.2
Carbonated drinks.....	0.256	3.1	-0.8	1.0	-2.0	-0.5
Frozen noncarbonated juices and drinks ^{1, 2}	0.008	-1.2	-0.3	0.1	-1.1	-0.3
Nonfrozen noncarbonated juices and drinks ²	0.347	2.3	0.0	1.2	-0.1	0.0
Beverage materials including coffee and tea ²	0.250	0.1	-0.2	0.2	1.0	-0.8
Coffee.....	0.161	-0.8	-1.1	-0.3	1.8	-1.4
Roasted coffee ³		-0.7	-0.8	-0.8	2.2	-1.0
Instant coffee ^{1, 3}		0.7	-1.6	0.2	0.9	-1.6
Other beverage materials including tea ^{1, 2}	0.089	1.6	1.4	0.5	-1.3	1.4
Other food at home.....	1.817	0.1	-0.5	0.0	0.7	-0.7
Sugar and sweets ¹	0.279	2.5	-0.4	0.1	1.3	-0.4
Sugar and sugar substitutes.....	0.042	1.1	1.7	0.5	-0.6	1.5
Candy and chewing gum ^{1, 2}	0.184	3.6	-1.0	0.2	1.9	-1.0
Other sweets ²	0.053	-0.3	-0.1	-0.7	0.4	0.0
Fats and oils.....	0.209	-1.2	-0.2	1.8	-0.5	-1.0
Butter and margarine ²	0.060	-0.1	0.2	1.2	0.1	-1.5
Butter ³		0.3	1.4	2.4	-1.3	-0.8
Margarine ³		0.4	-0.4	-0.6	0.8	-0.5
Salad dressing ²	0.051	0.0	-0.6	2.5	0.8	-2.3
Other fats and oils including peanut butter ²	0.099	-2.4	-0.1	1.8	-1.4	0.1
Peanut butter ^{1, 2, 3}		0.8	-1.6	-0.3	3.2	-1.6
Other foods.....	1.329	-0.2	-0.6	-0.3	0.7	-0.7

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, July 2019 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
Soups.....	0.084	0.0	-0.5	0.7	0.0	-0.2
Frozen and freeze dried prepared foods ¹	0.231	-0.1	0.1	-0.7	0.4	0.1
Snacks ¹	0.306	-1.6	-1.5	-0.6	0.7	-1.5
Spices, seasonings, condiments, sauces.....	0.268	0.4	-0.4	0.1	0.8	-0.6
Salt and other seasonings and spices ^{2, 3}		1.3	0.7	0.1	1.3	0.6
Olives, pickles, relishes ^{1, 2, 3}		-0.9	-1.6		0.1	-1.6
Sauces and gravies ^{2, 3}		1.0	-0.5	0.5	0.5	-1.1
Other condiments ³		-1.5	-1.8	-1.7	1.8	-1.9
Baby food ^{1, 2}	0.051	5.5	0.0	-0.7	1.0	0.0
Other miscellaneous foods ^{1, 2}	0.391	-0.3	-0.5	-1.1	0.7	-0.5
Prepared salads ^{1, 3, 4}		0.5	1.1	-2.7	0.7	1.1
Food away from home ¹	6.043	3.2	0.2	0.2	0.3	0.2
Full service meals and snacks ^{1, 2}	3.009	3.2	0.2	0.2	0.6	0.2
Limited service meals and snacks ^{1, 2}	2.566	3.2	0.2	0.2	0.0	0.2
Food at employee sites and schools ²	0.179	1.4	0.2	-0.2	0.9	0.8
Food at elementary and secondary schools ^{1, 3, 5}				0.0	0.1	
Food from vending machines and mobile vendors ^{1, 2}	0.092	4.7	0.5	1.2	0.2	0.5
Other food away from home ^{1, 2}	0.196	2.0	0.2	-0.2	0.7	0.2
Energy.....	7.748	-2.0	0.5	-0.6	-2.3	1.3
Energy commodities.....	4.373	-3.4	0.7	-0.4	-3.5	2.4
Fuel oil and other fuels.....	0.177	-5.2	-0.2	0.3	-2.1	0.1
Fuel oil.....	0.108	-6.0	0.6	-0.3	-2.3	0.6
Propane, kerosene, and firewood ⁶	0.069	-3.8	-1.3	0.9	-1.7	0.0
Motor fuel.....	4.196	-3.3	0.8	-0.5	-3.6	2.5
Gasoline (all types).....	4.108	-3.3	0.8	-0.5	-3.6	2.5
Gasoline, unleaded regular ³		-3.4	0.9	-0.6	-3.7	2.7
Gasoline, unleaded midgrade ^{3, 7}		-2.6	0.5	-0.4	-3.3	2.4
Gasoline, unleaded premium ³		-2.1	0.0	-0.2	-3.2	1.3
Other motor fuels ²	0.088	-5.4	-0.9	-0.5	-2.3	-0.1
Energy services.....	3.375	-0.2	0.2	-0.8	-0.7	0.0
Electricity.....	2.645	0.5	0.5	-0.8	-0.8	0.6
Utility (piped) gas service.....	0.729	-2.9	-0.9	-1.0	-0.3	-1.8
All items less food and energy.....	79.021	2.2	0.1	0.1	0.3	0.3
Commodities less food and energy commodities.....	19.346	0.4	0.0	-0.1	0.4	0.2
Household furnishings and supplies ⁸	3.343	1.6	0.0	0.3	0.3	0.3
Window and floor coverings and other linens ^{1, 2}	0.247	-0.7	1.5	-0.6	-1.2	1.5
Floor coverings ^{1, 2}	0.057	6.0	0.7	0.4	1.2	0.7
Window coverings ^{1, 2}	0.043	-3.6	2.2	-3.3	1.0	2.2
Other linens ^{1, 2}	0.148	-2.3	1.6	-0.2	-2.7	1.6
Furniture and bedding.....	0.896	3.9	0.2	0.7	0.9	0.7
Bedroom furniture ¹	0.320	2.1	0.8	0.1	0.9	0.8
Living room, kitchen, and dining room furniture ^{1, 2}	0.437	5.1	0.3	1.2	1.3	0.3
Other furniture ^{1, 2}	0.128	4.3	-1.8	-0.4	-0.8	-1.8
Infants' furniture ^{1, 3, 5}		11.6	-0.3		0.0	-0.3
Appliances ²	0.215	0.6	-1.0	-0.8	0.4	-0.8
Major appliances ²	0.079	-0.7	-1.7	-0.2	-0.2	-1.0
Laundry equipment ³		-4.6	-2.1	0.6	-0.7	0.0
Other appliances ²	0.132	1.4	-0.5	-1.5	1.0	-0.5
Other household equipment and furnishings ²	0.493	-1.0	-1.3	1.4	0.6	-0.8
Clocks, lamps, and decorator items ¹	0.266	-3.0	-1.4	1.0	-2.0	-1.4
Indoor plants and flowers ⁹	0.092	2.4	-0.7	0.3	1.0	1.6
Dishes and flatware ^{1, 2}	0.057	6.7	-0.6	5.0	6.1	-0.6
Nonelectric cookware and tableware ²	0.078	-2.9	-2.2	-0.3	1.0	-1.8

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, July 2019 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
Tools, hardware, outdoor equipment and supplies ² . . .	0.659	1.4	0.5	-0.3	0.2	0.6
Tools, hardware and supplies ^{1, 2}	0.196	1.4	-0.2	0.4	0.5	-0.2
Outdoor equipment and supplies ²	0.303	1.3	0.9	-0.9	0.0	1.1
Housekeeping supplies ¹	0.834	1.8	-0.1	-0.1	0.2	-0.1
Household cleaning products ^{1, 2}	0.329	1.4	-0.1	-0.1	-0.1	-0.1
Household paper products ^{1, 2}	0.225	3.4	-0.8	0.6	0.5	-0.8
Miscellaneous household products ^{1, 2}	0.280	1.1	0.5	-0.7	0.3	0.5
Apparel	2.980	-0.5	-1.3	0.0	1.1	0.4
Men's and boys' apparel	0.736	0.4	-0.6	-0.8	0.8	0.9
Men's apparel	0.571	-0.7	-0.1	-0.7	0.5	1.1
Men's suits, sport coats, and outerwear	0.102	3.6	2.8	-1.4	-0.7	4.7
Men's underwear, nightwear, swimwear, and accessories	0.150	-3.3	-1.8	0.7	-1.1	-0.8
Men's shirts and sweaters ²	0.161	-2.2	0.2	-0.3	1.7	1.2
Men's pants and shorts	0.151	0.8	-0.7	-1.5	1.5	-0.1
Boys' apparel	0.165	4.4	-2.1	0.1	0.9	1.1
Women's and girls' apparel	1.201	-1.4	-2.5	0.2	0.7	1.0
Women's apparel	1.022	-2.3	-2.4	0.2	-0.4	1.3
Women's outerwear	0.071	6.7	-1.4	-0.7	6.3	1.0
Women's dresses	0.119	-6.9	-6.9	2.5	-1.1	1.1
Women's suits and separates ²	0.531	-3.3	-2.6	-0.7	0.2	2.4
Women's underwear, nightwear, swimwear, and accessories ²	0.289	-0.6	-0.6	-1.8	-1.4	0.5
Girls' apparel	0.179	4.0	-3.1	0.2	6.8	-0.8
Footwear	0.657	-0.5	-0.2	0.1	1.6	0.0
Men's footwear ¹	0.210	-1.2	-0.4	1.1	-0.4	-0.4
Boys' and girls' footwear	0.155	0.8	2.8	-2.5	0.6	2.8
Women's footwear	0.292	-0.7	-1.7	-0.2	2.0	-0.4
Infants' and toddlers' apparel	0.132	-1.8	-1.3	0.5	-1.1	-1.1
Jewelry and watches ⁶	0.254	1.6	-0.3	0.3	4.1	-1.6
Watches ^{1, 6}	0.099	2.3	-0.3	-2.2	1.3	-0.3
Jewelry ⁶	0.155	1.1	-0.3	1.8	5.0	-1.1
Transportation commodities less motor fuel ⁸	6.568	0.8	0.3	-0.4	0.6	0.2
New vehicles	3.684	0.3	-0.3	0.1	0.1	-0.2
New cars and trucks ^{2, 3}		0.3	-0.3	0.0	0.1	-0.2
New cars ³		0.6	-0.2	0.2	0.2	-0.1
New trucks ^{3, 10}		0.2	-0.2	-0.1	-0.1	0.0
Used cars and trucks	2.392	1.5	1.4	-1.4	1.6	0.9
Motor vehicle parts and equipment ¹	0.379	1.4	-0.5	0.6	0.1	-0.5
Tires ¹	0.225	2.1	-0.4	0.5	0.1	-0.4
Vehicle accessories other than tires ^{1, 2}	0.155	0.5	-0.6	0.8	0.0	-0.6
Vehicle parts and equipment other than tires ^{1, 3}		0.0	-1.3	0.6	-0.3	-1.3
Motor oil, coolant, and fluids ^{1, 3}		2.8	3.9	1.2	0.7	3.9
Medical care commodities	1.680	-0.4	0.2	-0.4	-0.2	0.2
Medicinal drugs ⁸	1.622	-0.5	0.3	-0.1	-0.3	0.3
Prescription drugs	1.285	-0.8	0.4	-0.2	-0.6	0.4
Nonprescription drugs ^{1, 8}	0.337	0.5	0.0	0.6	0.3	0.0
Medical equipment and supplies ^{1, 8}	0.058	1.7	-1.9	1.6	0.6	-1.9
Recreation commodities ⁸	1.766	-1.4	-0.3	0.1	-0.1	-0.4
Video and audio products ⁸	0.212	-10.0	-0.9	-1.0	-1.2	-0.6
Televisions	0.087	-20.2	-1.7	-1.5	-2.4	-1.0
Other video equipment ²	0.026	1.1	1.5	-1.4	-1.2	2.1
Audio equipment ¹	0.043	-0.5	-1.2	-2.2	-0.8	-1.2
Recorded music and music subscriptions ^{1, 2}	0.047	-3.8	-0.9	1.0	0.5	-0.9

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, July 2019 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
Pets and pet products ¹	0.607	3.5	0.6	0.5	0.0	0.6
Pet food ^{1, 2, 3}		3.7	0.8	0.6	0.1	0.8
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		3.0	0.2	0.7	-0.2	0.2
Sporting goods.....	0.488	-1.1	-0.9	0.1	0.3	-1.4
Sports vehicles including bicycles ¹	0.281	-0.7	-0.4	-2.3	1.0	-0.4
Sports equipment.....	0.200	-1.8	-1.7	1.6	-0.3	-1.8
Photographic equipment and supplies.....	0.032	3.8	2.0	0.0	1.1	0.8
Film and photographic supplies ^{1, 2, 3}						
Photographic equipment ^{2, 3}		3.4	2.2	-0.3	1.1	1.1
Recreational reading materials ¹	0.115	2.7	0.8	0.9	-0.3	0.8
Newspapers and magazines ^{1, 2}	0.072	5.8	0.5	2.2	0.5	0.5
Recreational books ^{1, 2}	0.043	-2.2	1.3	-1.2	-1.6	1.3
Other recreational goods ²	0.312	-6.5	-1.4	0.0	-0.1	-1.1
Toys.....	0.241	-8.8	-1.9	-0.2	-0.1	-1.5
Toys, games, hobbies and playground equipment ^{1, 3}		-6.7	-2.4	-0.9	0.2	-1.7
Sewing machines, fabric and supplies ^{1, 2}	0.024	5.1	0.3	-1.7	0.4	0.3
Music instruments and accessories ^{1, 2}	0.036	2.7	0.9	2.5	-0.3	0.9
Education and communication commodities ⁸	0.508	-4.1	1.3	-0.5	-0.8	1.1
Educational books and supplies.....	0.127	-3.0	-0.4	-0.8	0.4	-0.8
College textbooks ^{1, 3, 11}		-3.9	-1.0	-0.7	0.5	-1.0
Information technology commodities ⁸	0.381	-4.5	1.9	-0.4	-1.2	1.7
Computers, peripherals, and smart home assistant devices ⁴	0.292	-1.2	3.0	-0.4	-1.6	2.8
Computer software and accessories ^{1, 2}	0.023	-8.8	-3.8	0.4	2.8	-3.8
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.066	-15.8	-1.2	-1.0	-0.8	-1.2
Alcoholic beverages.....	0.959	1.9	0.2	0.4	0.3	0.4
Alcoholic beverages at home.....	0.598	2.1	0.1	0.8	0.3	0.3
Beer, ale, and other malt beverages at home.....	0.265	2.6	0.3	0.4	0.4	0.7
Distilled spirits at home.....	0.081	2.4	0.4	0.1	0.9	0.2
Whiskey at home ^{1, 3}		2.1	2.0	-0.6	0.6	2.0
Distilled spirits, excluding whiskey, at home ^{1, 3}		2.2	0.2	-0.3	0.2	0.2
Wine at home.....	0.252	1.6	-0.1	1.5	0.1	-0.2
Alcoholic beverages away from home ¹	0.362	1.4	0.4	-0.2	0.2	0.4
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		1.0	0.2	-0.7	0.2	0.2
Wine away from home ^{1, 2, 3}		2.4	0.5	0.2	0.3	0.5
Distilled spirits away from home ^{1, 2, 3}		0.8	0.4	0.1	0.1	0.4
Other goods ⁸	1.542	1.7	0.6	0.3	-0.3	0.6
Tobacco and smoking products.....	0.664	5.4	1.0	0.4	0.1	1.0
Cigarettes ²	0.589	5.6	1.1	0.4	0.0	1.0
Tobacco products other than cigarettes ^{1, 2}	0.060	3.6	0.3	0.6	0.2	0.3
Personal care products ¹	0.673	-0.1	0.6	-0.2	-0.3	0.6
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.375	1.2	0.6	0.2	-0.5	0.6
Cosmetics, perfume, bath, nail preparations and implements ¹	0.292	-1.8	0.6	-0.7	0.0	0.6
Miscellaneous personal goods ²	0.205	-3.2	-0.6	1.5	-1.7	-0.6
Stationery, stationery supplies, gift wrap ³		-1.3	-1.3	-0.8	1.0	0.2
Infants' equipment ^{1, 3, 5}		-2.2	-0.5	1.1	0.3	-0.5
Services less energy services.....	59.675	2.8	0.2	0.2	0.3	0.3
Shelter.....	33.318	3.5	0.3	0.2	0.3	0.3
Rent of shelter ¹²	32.948	3.5	0.3	0.3	0.3	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, July 2019 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
Rent of primary residence.....	7.931	3.8	0.3	0.2	0.4	0.3
Lodging away from home ²	1.045	4.6	0.3	-0.1	-0.6	0.9
Housing at school, excluding board ¹²	0.112	2.6	0.2	0.3	0.2	0.2
Other lodging away from home including hotels and motels.....	0.932	4.8	0.3	-0.1	-0.7	1.0
Owners' equivalent rent of residences ¹²	23.972	3.4	0.3	0.3	0.3	0.2
Owners' equivalent rent of primary residence ¹² ..	22.636	3.4	0.3	0.3	0.3	0.2
Tenants' and household insurance ^{1, 2}	0.370	0.3	0.0	0.1	0.4	0.0
Water and sewer and trash collection services ²	1.090	3.3	0.3	0.2	0.3	0.2
Water and sewerage maintenance.....	0.823	3.2	0.3	0.2	0.4	0.2
Garbage and trash collection ^{1, 10}	0.266	3.6	0.2	0.3	0.0	0.2
Household operations ^{1, 2}	0.899	5.4	0.6	-0.6	2.8	0.6
Domestic services ^{1, 2}	0.296	2.2	1.4	-2.2	0.1	1.4
Gardening and lawncare services ^{1, 2}	0.306	7.8	0.0	0.2	6.1	0.0
Moving, storage, freight expense ²	0.105	6.8	2.1	0.7	-0.6	2.0
Repair of household items ^{1, 2}				-0.1	2.3	
Medical care services.....	6.978	3.3	0.5	0.5	0.4	0.5
Professional services.....	3.228	1.1	0.1	0.3	0.4	0.1
Physicians' services.....	1.711	0.7	0.1	0.1	0.1	0.2
Dental services.....	0.790	2.3	0.2	0.4	1.1	0.3
Eyeglasses and eye care ^{1, 6}	0.314	1.3	0.1	0.5	0.1	0.1
Services by other medical professionals ^{1, 6}	0.412	0.5	0.0	0.3	0.1	0.0
Hospital and related services.....	2.577	1.0	0.4	0.5	-0.1	0.4
Hospital services ¹³	2.296	0.8	0.5	0.5	-0.1	0.5
Inpatient hospital services ^{13, 3}		0.9	0.4	0.6	0.0	0.6
Outpatient hospital services ^{3, 6}		0.4	0.6	0.3	-0.2	0.7
Nursing homes and adult day services ¹³	0.194	3.4	-0.1	0.1	0.3	0.1
Care of invalids and elderly at home ^{1, 5}	0.087	3.4	0.2	0.0	0.1	0.2
Health insurance ^{1, 5}	1.172	15.9	1.7	1.5	1.3	1.7
Transportation services.....	5.940	0.7	-0.5	0.1	0.0	0.3
Leased cars and trucks ^{1, 11}	0.615	-4.6	-0.1	-1.2	-0.7	-0.1
Car and truck rental ²	0.118	1.4	9.4	2.0	4.0	0.3
Motor vehicle maintenance and repair ¹	1.129	3.3	-0.1	-0.2	0.4	-0.1
Motor vehicle body work ¹	0.056	4.0	0.1	0.1	0.8	0.1
Motor vehicle maintenance and servicing ¹	0.639	3.6	-0.4	0.0	0.4	-0.4
Motor vehicle repair ^{1, 2}	0.369	2.5	0.4	-0.7	0.2	0.4
Motor vehicle insurance.....	2.353	0.6	0.0	-0.4	0.3	0.3
Motor vehicle fees ^{1, 2}	0.540	2.1	0.2	0.2	-0.1	0.2
State motor vehicle registration and license fees ^{1, 2}	0.276	1.1	0.3	0.0	-0.1	0.3
Parking and other fees ^{1, 2}	0.246	3.2	0.1	0.4	0.0	0.1
Parking fees and tolls ^{2, 3}		3.2	0.2	0.4	0.2	0.0
Automobile service clubs ^{1, 2, 3}						
Public transportation.....	1.186	0.7	-3.2	1.9	-1.1	1.2
Airline fares.....	0.738	1.3	-5.2	2.0	-0.9	2.3
Other intercity transportation.....	0.165	-2.2	-0.7	0.9	-2.2	-2.0
Intercity bus fare ^{1, 3, 4}		12.8	-1.0	2.1	0.2	-1.0
Intercity train fare ^{1, 3, 4}						
Ship fare ^{1, 2, 3}		-3.0	-1.1	-0.2	-2.9	-1.1
Intracity transportation ¹	0.275	1.1	0.4	1.1	-1.0	0.4
Intracity mass transit ^{1, 3, 8}		1.6	0.2	1.2	0.0	0.2
Recreation services ⁸	3.839	1.7	0.1	-0.5	-0.2	0.2
Video and audio services ⁸	1.576	1.5	-0.1	-0.1	0.0	0.0
Cable and satellite television service ¹⁰	1.486	1.5	0.1	-0.1	-0.1	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, July 2019 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
Video discs and other media, including rental of video ^{1, 2}	0.090	1.0	-4.3	-1.0	1.5	-4.3
Video discs and other media ^{1, 2, 3}		-0.7	-6.2	-0.7	1.3	-6.2
Rental of video discs and other media ^{1, 2, 3}		4.4	0.5	-1.2	2.2	0.5
Pet services including veterinary ²	0.418	4.0	0.6	0.3	0.2	0.6
Pet services ^{1, 2, 3}		3.1	0.5	0.0	0.4	0.5
Veterinarian services ^{2, 3}		4.5	0.6	0.4	0.3	0.6
Photographers and photo processing ^{1, 2}	0.037	-1.3	0.0	0.7	-0.9	0.0
Photographer fees ^{1, 2, 3}				1.8	0.2	
Photo processing ^{1, 2, 3}		-0.2	0.1	-0.9	-1.8	0.1
Other recreation services ²	1.806	1.5	0.3	-1.1	-0.4	0.2
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{1, 2}	0.662	2.5	1.0	-2.1	-0.3	1.0
Admissions.....	0.654	-0.2	-0.3	-0.3	-0.9	-0.5
Admission to movies, theaters, and concerts ^{1, 2, 3}		1.0	0.4	0.9	-0.3	0.4
Admission to sporting events ^{1, 2, 3}		-1.2	-0.7	-3.1	-0.2	-0.7
Fees for lessons or instructions ^{1, 6}	0.218	3.7	-0.1	-0.1	0.2	-0.1
Education and communication services ⁸	5.980	1.0	0.1	0.2	0.2	0.2
Tuition, other school fees, and childcare.....	2.885	3.2	0.1	0.3	0.1	0.1
College tuition and fees.....	1.596	2.9	-0.1	0.2	-0.1	-0.2
Elementary and high school tuition and fees.....	0.333	4.1	0.7	0.0	0.3	0.4
Child care and nursery school ⁹	0.806	3.4	0.2	0.6	0.4	0.4
Technical and business school tuition and fees ²	0.032	1.9	0.8	0.5	0.5	0.6
Postage and delivery services ²	0.112	5.5	0.0	0.2	0.2	0.2
Postage.....	0.098	5.9	0.0	0.3	0.2	0.2
Delivery services ²	0.014	2.6	0.0	-0.1	0.4	0.3
Telephone services ^{1, 2}	2.199	-1.7	0.1	0.1	0.2	0.1
Wireless telephone services ^{1, 2}	1.627	-3.0	-0.1	-0.1	0.1	-0.1
Land-line telephone services ^{1, 8}	0.572	2.3	0.6	0.5	0.4	0.6
Internet services and electronic information providers ²	0.774	0.6	-0.1	0.2	0.3	0.6
Other personal services ^{1, 8}	1.632	2.1	0.5	0.3	0.1	0.5
Personal care services ¹	0.625	2.3	0.5	0.0	0.2	0.5
Haircuts and other personal care services ^{1, 2}	0.625	2.3	0.5	0.0	0.2	0.5
Miscellaneous personal services.....	1.006	2.0	0.4	0.5	0.0	0.6
Legal services ^{1, 6}	0.301	1.2	0.6	0.0	0.1	0.6
Funeral expenses ^{1, 6}	0.127	1.7	0.1	0.4	0.0	0.1
Laundry and dry cleaning services ^{1, 2}	0.242	4.1	0.2	0.3	0.4	0.2
Apparel services other than laundry and dry cleaning ^{1, 2}	0.029	5.1	1.0	-0.1	1.0	1.0
Financial services ⁶	0.236	0.6	0.6	1.3	-0.6	0.6
Checking account and other bank services ^{1, 2, 3}		0.2	0.0	0.0	0.0	0.0
Tax return preparation and other accounting fees ^{2, 3}		0.0	0.6	3.6	-0.9	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 1982=100 base.

¹³ Indexes on a December 1996=100 base.

Table 3. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, special aggregate indexes, July 2019

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Jun. 2019	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2018	Jun. 2019	Jul. 2019	Jul. 2018- Jul. 2019	Jun. 2019- Jul. 2019	Apr. 2019- May 2019	May 2019- Jun. 2019	Jun. 2019- Jul. 2019
All items less food.....	86.768	251.716	255.825	256.286	1.8	0.2	0.0	0.1	0.4
All items less shelter.....	66.682	232.755	234.791	235.071	1.0	0.1	0.0	-0.1	0.4
All items less food and shelter.....	53.451	227.132	228.659	228.952	0.8	0.1	-0.1	-0.1	0.5
All items less food, shelter, and energy.....	45.703	229.748	232.585	232.735	1.3	0.1	0.0	0.3	0.3
All items less food, shelter, energy, and used cars and trucks.....	43.311	235.146	238.200	238.181	1.3	0.0	0.1	0.2	0.3
All items less medical care.....	91.342	240.812	244.653	245.000	1.7	0.1	0.1	0.0	0.3
All items less energy.....	92.252	256.545	261.696	262.059	2.1	0.1	0.1	0.3	0.3
Commodities.....	36.951	185.531	186.112	186.319	0.4	0.1	0.0	-0.2	0.4
Commodities less food, energy, and used cars and trucks.....	16.954	144.792	145.462	145.166	0.3	-0.2	0.1	0.2	0.2
Commodities less food.....	23.719	154.761	154.073	154.270	-0.3	0.1	-0.2	-0.3	0.6
Commodities less food and beverages.....	22.759	151.492	150.688	150.874	-0.4	0.1	-0.2	-0.4	0.6
Services.....	63.049	317.482	325.218	325.866	2.6	0.2	0.1	0.2	0.3
Services less rent of shelter ¹	30.101	337.460	342.741	343.177	1.7	0.1	0.0	0.1	0.3
Services less medical care services.....	56.072	302.229	309.446	309.955	2.6	0.2	0.0	0.2	0.2
Durables.....	9.856	104.864	105.167	105.369	0.5	0.2	-0.2	0.5	0.3
Nondurables.....	27.095	227.018	227.749	227.936	0.4	0.1	0.2	-0.6	0.7
Nondurables less food.....	13.863	203.811	201.854	202.021	-0.9	0.1	-0.1	-1.3	1.3
Nondurables less food and beverages.....	12.904	200.994	198.687	198.829	-1.1	0.1	-0.1	-1.4	1.4
Nondurables less food, beverages, and apparel.....	9.924	254.009	249.683	250.877	-1.2	0.5	-0.1	-2.2	1.7
Nondurables less food and apparel.....	10.883	252.330	248.754	249.890	-1.0	0.5	-0.1	-2.0	1.6
Housing.....	42.202	259.268	266.461	267.101	3.0	0.2	0.1	0.3	0.3
Education and communication ²	6.487	136.770	137.344	137.595	0.6	0.2	0.1	0.1	0.2
Education ²	3.012	257.477	264.612	264.882	2.9	0.1	0.2	0.1	0.1
Communication ²	3.475	74.171	73.034	73.219	-1.3	0.3	0.1	0.1	0.4
Information and information processing ²	3.363	70.267	69.038	69.218	-1.5	0.3	0.0	0.1	0.4
Information technology, hardware and services ³	1.164	7.481	7.358	7.397	-1.1	0.5	0.0	-0.2	1.0
Recreation ²	5.606	119.272	120.145	120.128	0.7	0.0	-0.3	-0.2	0.0
Video and audio ²	1.789	103.973	104.162	103.922	0.0	-0.2	-0.2	-0.2	-0.1
Pets, pet products and services ²	1.025	172.700	178.059	179.051	3.7	0.6	0.4	0.1	0.6
Photography ²	0.071	72.913	73.024	73.694	1.1	0.9	0.4	0.0	0.4
Food and beverages.....	14.191	253.476	257.778	258.015	1.8	0.1	0.3	0.1	0.1
Domestically produced farm food.....	6.000	248.112	249.146	249.258	0.5	0.0	0.2	-0.1	-0.1
Other services.....	11.451	353.050	357.493	358.051	1.4	0.2	0.0	0.0	0.2
Apparel less footwear.....	2.323	115.346	116.544	114.704	-0.6	-1.6	-0.1	1.0	0.6
Fuels and utilities.....	4.641	244.269	244.703	245.205	0.4	0.2	-0.5	-0.5	0.1
Household energy.....	3.552	203.747	202.402	202.787	-0.5	0.2	-0.8	-0.8	0.0
Medical care.....	8.658	485.193	495.563	497.687	2.6	0.4	0.3	0.3	0.5
Transportation.....	16.704	214.039	213.073	213.405	-0.3	0.2	-0.3	-0.7	0.8
Private transportation.....	15.518	209.959	208.319	209.185	-0.4	0.4	-0.4	-0.7	0.8
New and used motor vehicles ²	6.921	100.071	99.874	100.371	0.3	0.5	-0.5	0.6	0.2
Utilities and public transportation.....	9.336	218.686	219.709	219.139	0.2	-0.3	-0.2	-0.4	0.1
Household furnishings and operations.....	4.242	121.480	124.237	124.361	2.4	0.1	0.1	0.8	0.4
Other goods and services.....	3.173	443.170	449.345	451.709	1.9	0.5	0.3	-0.1	0.5
Personal care.....	2.509	231.655	233.136	234.077	1.0	0.4	0.3	-0.2	0.4

¹ Indexes on a December 1982=100 base.

² Indexes on a December 1997=100 base.

³ Indexes on a December 1988=100 base.

Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index, July 2019
 [1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Jul. 2019 from:			Percent change to Jun. 2019 from:		
		Jul. 2018	May 2019	Jun. 2019	Jun. 2018	Apr. 2019	May 2019
U.S. city average.....	M	1.8	0.2	0.2	1.6	0.2	0.0
Region and area size²							
Northeast.....	M	1.7	0.2	0.1	1.6	0.4	0.1
Northeast - Size Class A.....	M	1.9	0.3	0.1	1.8	0.4	0.2
Northeast - Size Class B/C ³	M	1.5	0.2	0.1	1.2	0.4	0.1
New England ⁴	M	1.8	-0.1	-0.1	1.9	0.2	-0.1
Middle Atlantic ⁴	M	1.7	0.4	0.1	1.4	0.5	0.2
Midwest.....	M	1.5	0.2	0.2	1.2	0.3	0.0
Midwest - Size Class A.....	M	1.5	0.4	0.3	1.0	0.6	0.0
Midwest - Size Class B/C ³	M	1.4	0.1	0.1	1.3	0.2	0.0
East North Central ⁴	M	1.6	0.2	0.2	1.2	0.2	-0.1
West North Central ⁴	M	1.2	0.3	0.1	1.3	0.5	0.2
South.....	M	1.4	0.2	0.3	1.1	-0.1	-0.1
South - Size Class A.....	M	1.5	0.0	0.3	1.2	-0.1	-0.3
South - Size Class B/C ³	M	1.4	0.4	0.3	1.1	-0.1	0.1
South Atlantic ⁴	M	1.9	0.2	0.3	1.6	-0.2	-0.2
East South Central ⁴	M	0.5	0.3	0.2	0.3	-0.1	0.0
West South Central ⁴	M	1.0	0.3	0.3	0.7	0.0	0.1
West.....	M	2.7	0.1	0.0	2.7	0.5	0.0
West - Size Class A.....	M	2.7	0.1	0.1	2.8	0.4	0.0
West - Size Class B/C ³	M	2.6	0.0	-0.1	2.6	0.7	0.0
Mountain ⁴	M	2.6	0.0	0.0	2.5	1.0	0.1
Pacific ⁴	M	2.7	0.1	0.0	2.8	0.4	0.0
Size classes							
Size Class A ⁵	M	2.0	0.2	0.2	1.8	0.3	0.0
Size Class B/C ³	M	1.7	0.2	0.2	1.5	0.2	0.0
Selected local areas							
Chicago-Naperville-Elgin, IL-IN-WI.....	M	1.6	-0.1	0.3	1.0	0.5	-0.4
Los Angeles-Long Beach-Anaheim, CA.....	M	3.3	0.1	0.1	3.3	0.2	0.0
New York-Newark-Jersey City, NY-NJ-PA.....	M	1.7	0.3	0.0	1.7	0.5	0.3
Atlanta-Sandy Springs-Roswell, GA.....	2				1.1	-0.1	
Baltimore-Columbia-Towson, MD ⁶	2				1.0	-0.8	
Detroit-Warren-Dearborn, MI.....	2				0.1	0.4	
Houston-The Woodlands-Sugar Land, TX.....	2				0.8	0.0	
Miami-Fort Lauderdale-West Palm Beach, FL.....	2				1.2	-0.5	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	2				2.1	0.5	
Phoenix-Mesa-Scottsdale, AZ ⁷	2				2.2	1.0	
San Francisco-Oakland-Hayward, CA.....	2				3.2	0.2	
Seattle-Tacoma-Bellevue, WA.....	2				2.3	0.7	
St. Louis, MO-IL.....	2				1.0	0.9	
Urban Alaska.....	2				2.5	2.5	
Boston-Cambridge-Newton, MA-NH.....	1	2.0	0.0				
Dallas-Fort Worth-Arlington, TX.....	1	2.3	0.6				
Denver-Aurora-Lakewood, CO.....	1	2.1	0.4				
Minneapolis-St. Paul-Bloomington, MN-WI.....	1	2.2	0.3				
Riverside-San Bernardino-Ontario, CA ⁴	1	2.6	-0.1				
San Diego-Carlsbad, CA.....	1	1.4	-0.3				
Tampa-St. Petersburg-Clearwater, FL ⁸	1	2.1	0.1				
Urban Hawaii.....	1	1.6	-0.1				
Washington-Arlington-Alexandria, DC-VA-MD-WV ⁶	1	1.2	-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 - January, March, May, July, September, and November. 2 - February, April, June, August, October, and December.

² Regions defined as the four Census regions.

³ Indexes on a December 1996=100 base.

⁴ Indexes on a December 2017=100 base.

⁵ Indexes on a December 1986=100 base.

⁶ 1998 - 2017 indexes based on substantially smaller sample.

⁷ Indexes on a December 2001=100 base.

⁸ Indexes on a 1987=100 base.

NOTE: Local area indexes are byproducts of the national CPI program. Each local index has a smaller sample size than the national index and is, therefore, subject to substantially more sampling and other measurement error. As a result, local area indexes show greater volatility than the national index, although their long-term trends are similar. Therefore, the Bureau of Labor Statistics strongly urges users to consider adopting the national average CPI for use in their escalator clauses.

Table 5. Chained Consumer Price Index for All Urban Consumers (C-CPI-U) and the Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items index, July 2019
 [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 2000.....			2.6	3.4
December 2001.....			1.3	1.6
December 2002.....			2.0	2.4
December 2003.....			1.7	1.9
December 2004.....			3.2	3.3
December 2005.....			2.9	3.4
December 2006.....			2.3	2.5
December 2007.....			3.7	4.1
December 2008.....			0.2	0.1
December 2009.....			2.5	2.7
December 2010.....			1.3	1.5
December 2011.....			2.9	3.0
December 2012.....			1.5	1.7
December 2013.....			1.3	1.5
December 2014.....			0.5	0.8
December 2015.....			0.4	0.7
December 2016.....			1.8	2.1
January 2017.....	0.6	0.6	2.3	2.5
February 2017.....	0.3	0.3	2.6	2.7
March 2017.....	0.0	0.1	2.1	2.4
April 2017.....	0.3	0.3	1.8	2.2
May 2017.....	0.1	0.1	1.5	1.9
June 2017.....	0.0	0.1	1.2	1.6
July 2017.....	-0.2	-0.1	1.3	1.7
August 2017.....	0.3	0.3	1.5	1.9
September 2017.....	0.5	0.5	1.9	2.2
October 2017.....	-0.1	-0.1	1.6	2.0
November 2017.....	0.0	0.0	1.8	2.2
December 2017.....	-0.1	-0.1	1.7	2.1
January 2018.....	0.5	0.5	1.6	2.1
February 2018.....	0.4	0.5	1.7	2.2
March 2018.....	0.2	0.2	1.9	2.4
April 2018.....	0.4	0.4	2.1	2.5
May 2018.....	0.3	0.4	2.3	2.8
June 2018.....	0.1	0.2	2.4	2.9
July 2018.....	0.0	0.0	2.6	2.9
August 2018.....	0.0	0.1	2.3	2.7
September 2018.....	0.1	0.1	1.9	2.3
October 2018.....	0.2	0.2	2.1	2.5
November 2018.....	-0.3	-0.3	1.8	2.2
December 2018.....	-0.3	-0.3	1.6	1.9
January 2019.....	0.2	0.2	1.3	1.6
February 2019.....	0.4	0.4	1.3	1.5
March 2019.....	0.6	0.6	1.6	1.9
April 2019.....	0.5	0.5	1.8	2.0
May 2019.....	0.2	0.2	1.6	1.8
June 2019.....	0.0	0.0	1.5	1.6
July 2019.....	0.2	0.2	1.7	1.8

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

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

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items.....	100.000	0.3		0.04	L-Apr.2019	0.3
Food.....	13.232	0.0	0.004	0.08	-	-
Food at home.....	7.189	-0.1	-0.009	0.12	L-May 2019	0.3
Cereals and bakery products.....	0.952	0.3	0.003	0.29	L-May 2019	0.4
Cereals and cereal products.....	0.308	-0.1	0.000	0.57	S-May 2019	-0.3
Flour and prepared flour mixes.....	0.040	0.2	0.000	0.83	S-May 2019	0.1
Breakfast cereal ⁴	0.149	0.0	0.000	0.69	S-May 2019	-0.6
Rice, pasta, cornmeal ⁴	0.119	0.1	0.000	0.92	S-May 2019	-0.2
Rice ^{4, 5, 6}		0.0		0.91	S-May 2019	-1.9
Bakery products ⁴	0.644	0.2	0.002	0.33	L-May 2019	0.7
Bread ^{4, 5}	0.190	0.7	0.001	0.58	L-Apr.2019	0.7
White bread ^{4, 6}		-0.2		0.83	L-May 2019	-0.2
Bread other than white ^{4, 6}		1.4		0.82	L-Nov.2018	1.4
Fresh biscuits, rolls, muffins ⁵	0.090	-0.5	0.000	0.68	L-May 2019	1.3
Cakes, cupcakes, and cookies.....	0.161	0.4	0.001	0.57	L-May 2019	1.1
Cookies ⁶		1.3		0.88	L-May 2019	1.9
Fresh cakes and cupcakes ^{4, 6}		0.1		0.58	S-May 2019	0.0
Other bakery products.....	0.204	-0.1	0.000	0.57	L-May 2019	1.5
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		0.0		0.92	L-May 2019	1.2
Crackers, bread, and cracker products ⁶		0.2		1.03	L-May 2019	2.5
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		-0.7		0.70	S-Aug.2018	-1.1
Meats, poultry, fish, and eggs.....	1.579	0.1	0.002	0.24	L-May 2019	0.8
Meats, poultry, and fish.....	1.499	0.1	0.002	0.25	L-May 2019	1.0
Meats.....	0.940	0.5	0.005	0.31	L-May 2019	1.2
Beef and veal.....	0.429	0.5	0.002	0.42	L-May 2019	0.8
Uncooked ground beef ⁴	0.167	1.1	0.002	0.62	L-Apr.2019	1.1
Uncooked beef roasts ^{4, 5}	0.065	-0.5	0.000	1.15	S-Oct.2018	-3.8
Uncooked beef steaks ⁵	0.160	0.4	0.001	0.74	L-May 2019	1.1
Uncooked other beef and veal ^{4, 5}	0.037	0.8	0.000	0.71	L-Apr.2019	1.1
Pork.....	0.295	0.4	0.001	0.62	L-May 2019	2.4
Bacon, breakfast sausage, and related products ⁵	0.135	-0.7	-0.001	0.77	S-Oct.2018	-1.0
Bacon and related products ⁶		-0.8		0.99	S-Apr.2019	-1.1
Breakfast sausage and related products ^{5, 6}		0.0		1.02	S-Apr.2019	-1.4
Ham.....	0.053	1.8	0.001	1.52	L-Mar.2019	4.4
Ham, excluding canned ⁶		1.8		1.59	L-Mar.2019	4.4
Pork chops ⁴	0.042	4.1	0.002	1.62	L-Aug.2014	4.2
Other pork including roasts, steaks, and ribs ⁵	0.065	-0.2	0.000	1.30	L-May 2019	2.4
Other meats.....	0.216	0.7	0.002	0.66	L-Apr.2019	0.7
Frankfurters ⁶		-0.8		1.35	S-Sep.2018	-0.8
Lunchmeats ^{5, 6}		-0.1		0.64	S-Mar.2019	-0.8
Lamb and organ meats ^{4, 6}						
Lamb and mutton ^{4, 5, 6}						
Poultry ⁴	0.310	-0.9	-0.003	0.54	S-Mar.2019	-0.9
Chicken ^{4, 5}	0.255	-0.7	-0.002	0.60	S-Nov.2018	-0.8
Fresh whole chicken ^{4, 6}		-2.5		1.31	S-Jan.2017	-3.2
Fresh and frozen chicken parts ^{4, 6}		0.2		0.69	L-Apr.2019	0.9
Other uncooked poultry including turkey ⁵	0.056	-1.6	-0.001	1.16	S-Mar.2019	-2.5
Fish and seafood.....	0.249	0.0	0.000	0.47	L-May 2019	1.5
Fresh fish and seafood ⁵	0.128	-0.2	0.000	0.71	L-May 2019	1.9
Processed fish and seafood ⁵	0.121	0.1	0.000	0.63	L-May 2019	1.0

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Shelf stable fish and seafood ^{4, 6}		-1.0		1.04	S-Mar.2019	-1.7
Frozen fish and seafood ⁶		-0.1		0.82	L-May 2019	0.8
Eggs.....	0.079	0.0	0.000	1.07	L-Mar.2019	0.5
Dairy and related products.....	0.718	-0.3	-0.002	0.27	S-Jan.2019	-0.3
Milk ⁵	0.199	0.1	0.000	0.48	S-May 2019	-0.2
Fresh whole milk ⁶		-0.2		0.62	S-May 2019	-0.8
Fresh milk other than whole ^{5, 6}		0.3		0.56	L-May 2019	0.3
Cheese and related products ⁴	0.233	-0.2	0.000	0.58	S-Feb.2019	-0.6
Ice cream and related products.....	0.099	0.8	0.001	0.98	L-Mar.2018	1.5
Other dairy and related products ^{4, 5}	0.186	0.3	0.001	0.57	L-May 2019	0.9
Fruits and vegetables.....	1.262	0.3	0.004	0.33	L-Mar.2019	1.6
Fresh fruits and vegetables.....	0.992	0.6	0.006	0.38	L-Mar.2019	1.6
Fresh fruits.....	0.523	0.0	0.000	0.50	—	—
Apples.....	0.077	1.0	0.001	1.17	L-Apr.2019	1.1
Bananas ⁴	0.079	-1.1	-0.001	0.77	S-Apr.2019	-1.9
Citrus fruits ⁵	0.151	-0.2	0.000	0.90	L-Mar.2019	1.3
Oranges, including tangerines ⁶		-0.4		1.20	L-Mar.2019	3.1
Other fresh fruits ⁵	0.216	-0.4	-0.001	0.97	S-May 2019	-1.7
Fresh vegetables.....	0.468	1.3	0.006	0.53	L-Mar.2019	2.0
Potatoes.....	0.078	2.6	0.002	1.53	L-Nov.2016	2.7
Lettuce.....	0.059	9.5	0.006	1.78	L-Dec.2018	11.9
Tomatoes ⁴	0.074	-0.3	0.000	1.43	S-May 2019	-4.0
Other fresh vegetables.....	0.257	-0.7	-0.002	0.68	L-May 2019	0.0
Processed fruits and vegetables ⁵	0.271	-0.7	-0.002	0.59	S-Apr.2019	-1.4
Canned fruits and vegetables ⁵	0.151	-1.6	-0.002	0.82	S-Apr.2019	-2.2
Canned fruits ^{5, 6}		-0.4		0.95	S-May 2019	-0.5
Canned vegetables ^{5, 6}		-2.3		1.10	S-Dec.2017	-2.3
Frozen fruits and vegetables ⁵	0.077	-0.1	0.000	0.99	S-May 2019	-0.3
Frozen vegetables ⁶		-0.1		1.23	S-May 2019	-1.1
Other processed fruits and vegetables including dried ⁵	0.043	2.0	0.001	0.76	L-Mar.2017	2.5
Dried beans, peas, and lentils ^{4, 5, 6}		1.9		1.42	L-Apr.2018	2.0
Nonalcoholic beverages and beverage materials.....	0.861	-0.4	-0.003	0.45	L-May 2019	1.2
Juices and nonalcoholic drinks ⁵	0.611	-0.2	-0.001	0.58	L-May 2019	1.2
Carbonated drinks.....	0.256	-0.5	-0.001	1.22	L-May 2019	1.0
Frozen noncarbonated juices and drinks ^{4, 5}	0.008	-0.3	0.000	0.45	L-May 2019	0.1
Nonfrozen noncarbonated juices and drinks ⁵	0.347	0.0	0.000	0.55	L-May 2019	1.2
Beverage materials including coffee and tea ⁵	0.250	-0.8	-0.002	0.63	S-Jan.2019	-1.0
Coffee.....	0.161	-1.4	-0.002	0.76	S-Jan.2019	-1.4
Roasted coffee ⁶		-1.0		0.84	S-Jan.2019	-1.7
Instant coffee ^{4, 6}		-1.6		1.22	S-Nov.2018	-3.0
Other beverage materials including tea ^{4, 5}	0.089	1.4	0.001	0.94	L-Jul.2018	1.7
Other food at home.....	1.817	-0.7	-0.013	0.23	S-Aug.2013	-0.7
Sugar and sweets ⁴	0.279	-0.4	-0.001	0.65	S-Apr.2019	-1.4
Sugar and sugar substitutes.....	0.042	1.5	0.001	0.79	L-May 2017	1.7
Candy and chewing gum ^{4, 5}	0.184	-1.0	-0.002	0.89	S-Apr.2019	-1.6
Other sweets ⁵	0.053	0.0	0.000	1.08	S-May 2019	-0.7
Fats and oils.....	0.209	-1.0	-0.002	0.52	S-Apr.2019	-2.2
Butter and margarine ⁵	0.060	-1.5	-0.001	0.95	S-Apr.2019	-2.9
Butter ⁶		-0.8		1.09	L-May 2019	2.4
Margarine ⁶		-0.5		0.82	S-May 2019	-0.6
Salad dressing ⁵	0.051	-2.3	-0.001	1.10	S-Nov.2016	-2.6
Other fats and oils including peanut butter ⁵	0.099	0.1	0.000	0.72	L-May 2019	1.8

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Peanut butter ^{4, 5, 6}		-1.6		1.06	S-Jan.2019	-2.5
Other foods.....	1.329	-0.7	-0.010	0.29	S-Aug.2013	-0.8
Soups.....	0.084	-0.2	0.000	0.97	S-Mar.2019	-1.3
Frozen and freeze dried prepared foods ⁴	0.231	0.1	0.000	0.57	S-May 2019	-0.7
Snacks ⁴	0.306	-1.5	-0.005	0.71	S-Dec.2018	-1.9
Spices, seasonings, condiments, sauces.....	0.268	-0.6	-0.002	0.61	S-Apr.2019	-1.1
Salt and other seasonings and spices ^{5, 6}		0.6		0.92	S-May 2019	0.1
Olives, pickles, relishes ^{4, 5, 6}		-1.6		0.76	S-Sep.2018	-6.8
Sauces and gravies ^{5, 6}		-1.1		0.83	S-Jul.2018	-1.3
Other condiments ⁶		-1.9		0.93	S-Oct.2018	-2.0
Baby food ^{4, 5}	0.051	0.0	0.000	0.83	S-May 2019	-0.7
Other miscellaneous foods ^{4, 5}	0.391	-0.5	-0.002	0.47	S-May 2019	-1.1
Prepared salads ^{4, 7, 6}		1.1		0.84	L-Aug.2018	1.6
Food away from home ⁴	6.043	0.2	0.012	0.06	S-May 2019	0.2
Full service meals and snacks ^{4, 5}	3.009	0.2	0.006	0.08	S-May 2019	0.2
Limited service meals and snacks ^{4, 5}	2.566	0.2	0.005	0.09	L-May 2019	0.2
Food at employee sites and schools ⁵	0.179	0.8	0.001	0.22	S-May 2019	-0.2
Food at elementary and secondary schools ^{4, 8, 6}						
Food from vending machines and mobile vendors ^{4, 5}	0.092	0.5	0.000	0.16	L-May 2019	1.2
Other food away from home ^{4, 5}	0.196	0.2	0.000	0.13	S-May 2019	-0.2
Energy.....	7.748	1.3	0.101	0.19	L-Apr.2019	2.9
Energy commodities.....	4.373	2.4	0.100	0.20	L-Apr.2019	5.4
Fuel oil and other fuels.....	0.177	0.1	0.000	0.55	L-May 2019	0.3
Fuel oil.....	0.108	0.6	0.001	0.86	L-Apr.2019	1.3
Propane, kerosene, and firewood ⁹	0.069	0.0	0.000	0.63	L-May 2019	0.9
Motor fuel.....	4.196	2.5	0.099	0.20	L-Apr.2019	5.6
Gasoline (all types).....	4.108	2.5	0.100	0.20	L-Apr.2019	5.7
Gasoline, unleaded regular ⁶		2.7		0.44	L-Apr.2019	5.6
Gasoline, unleaded midgrade ^{10, 6}		2.4		0.43	L-Apr.2019	5.9
Gasoline, unleaded premium ⁶		1.3		0.40	L-Apr.2019	6.6
Other motor fuels ⁵	0.088	-0.1	0.000	0.21	L-Apr.2019	1.4
Energy services.....	3.375	0.0	0.001	0.34	L-Mar.2019	0.3
Electricity.....	2.645	0.6	0.014	0.37	L-Oct.2018	1.8
Utility (piped) gas service.....	0.729	-1.8	-0.013	0.51	S-Feb.2019	-2.4
All items less food and energy.....	79.021	0.3	0.231	0.04	—	—
Commodities less food and energy commodities.....	19.346	0.2	0.048	0.09	S-May 2019	-0.1
Household furnishings and supplies ¹¹	3.343	0.3	0.010	0.20	—	—
Window and floor coverings and other linens ^{4, 5}	0.247	1.5	0.004	0.93	L-Jan.2019	3.8
Floor coverings ^{4, 5}	0.057	0.7	0.000	0.77	S-May 2019	0.4
Window coverings ^{4, 5}	0.043	2.2	0.001	1.73	L-Jan.2019	3.2
Other linens ^{4, 5}	0.148	1.6	0.002	1.42	L-Jan.2019	5.3
Furniture and bedding.....	0.896	0.7	0.006	0.42	S-May 2019	0.7
Bedroom furniture ⁴	0.320	0.8	0.002	0.68	S-May 2019	0.1
Living room, kitchen, and dining room furniture ^{4, 5}	0.437	0.3	0.001	0.65	S-Apr.2019	-0.6
Other furniture ^{4, 5}	0.128	-1.8	-0.002	0.74	S-May 2018	-2.3
Infants' furniture ^{4, 8, 6}		-0.3		0.71	S-Dec.2018	-0.3
Appliances ⁵	0.215	-0.8	-0.002	0.62	S-May 2019	-0.8
Major appliances ⁵	0.079	-1.0	-0.001	1.10	S-Mar.2019	-2.1
Laundry equipment ⁶		0.0		1.77	L-May 2019	0.6
Other appliances ⁵	0.132	-0.5	-0.001	0.74	S-May 2019	-1.5
Other household equipment and furnishings ⁵	0.493	-0.8	-0.004	0.58	S-Apr.2019	-1.0
Clocks, lamps, and decorator items ⁴	0.266	-1.4	-0.004	0.83	L-May 2019	1.0

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Indoor plants and flowers ¹²	0.092	1.6	0.001	0.94	L-Dec.2017	1.7
Dishes and flatware ^{4, 5}	0.057	-0.6	0.000	1.31	S-Mar.2019	-3.7
Nonelectric cookware and tableware ⁵	0.078	-1.8	-0.001	0.98	S-Apr.2019	-2.8
Tools, hardware, outdoor equipment and supplies ⁵	0.659	0.6	0.004	0.45	L-Feb.2019	0.7
Tools, hardware and supplies ^{4, 5}	0.196	-0.2	0.000	0.59	S-Apr.2019	-0.6
Outdoor equipment and supplies ⁵	0.303	1.1	0.003	0.56	L-Mar.2011	1.8
Housekeeping supplies ⁴	0.834	-0.1	-0.001	0.29	S-May 2019	-0.1
Household cleaning products ^{4, 5}	0.329	-0.1	0.000	0.39	-	-
Household paper products ^{4, 5}	0.225	-0.8	-0.002	0.45	S-Nov.2017	-1.2
Miscellaneous household products ^{4, 5}	0.280	0.5	0.001	0.55	L-Jan.2019	0.7
Apparel.....	2.980	0.4	0.013	0.51	S-May 2019	0.0
Men's and boys' apparel.....	0.736	0.9	0.007	0.92	L-Feb.2019	3.4
Men's apparel.....	0.571	1.1	0.007	0.95	L-Feb.2019	3.2
Men's suits, sport coats, and outerwear.....	0.102	4.7	0.005	2.00	L-Aug.2016	4.7
Men's underwear, nightwear, swimwear, and accessories.....	0.150	-0.8	-0.001	1.31	L-May 2019	0.7
Men's shirts and sweaters ⁵	0.161	1.2	0.002	1.43	S-May 2019	-0.3
Men's pants and shorts.....	0.151	-0.1	0.000	1.30	S-May 2019	-1.5
Boys' apparel.....	0.165	1.1	0.002	1.76	L-Feb.2019	2.4
Women's and girls' apparel.....	1.201	1.0	0.012	0.91	L-Jan.2019	1.5
Women's apparel.....	1.022	1.3	0.014	1.03	L-Jan.2019	1.6
Women's outerwear.....	0.071	1.0	0.001	2.55	S-May 2019	-0.7
Women's dresses.....	0.119	1.1	0.001	1.83	L-May 2019	2.5
Women's suits and separates ⁵	0.531	2.4	0.013	1.32	L-Jan.2019	3.0
Women's underwear, nightwear, swimwear, and accessories ⁵	0.289	0.5	0.001	1.25	L-Apr.2019	2.1
Girls' apparel.....	0.179	-0.8	-0.001	1.59	S-Mar.2019	-4.6
Footwear.....	0.657	0.0	0.000	0.72	S-Apr.2019	-1.6
Men's footwear ⁴	0.210	-0.4	-0.001	1.07	-	-
Boys' and girls' footwear.....	0.155	2.8	0.004	1.46	L-Jan.2019	4.5
Women's footwear.....	0.292	-0.4	-0.001	0.92	S-Apr.2019	-0.4
Infants' and toddlers' apparel.....	0.132	-1.1	-0.002	1.42	-	-
Jewelry and watches ⁹	0.254	-1.6	-0.004	1.34	S-Feb.2019	-3.4
Watches ^{4, 9}	0.099	-0.3	0.000	1.49	S-May 2019	-2.2
Jewelry ⁹	0.155	-1.1	-0.002	1.94	S-Mar.2019	-4.7
Transportation commodities less motor fuel ¹¹	6.568	0.2	0.012	0.12	S-May 2019	-0.4
New vehicles.....	3.684	-0.2	-0.007	0.21	S-Feb.2019	-0.2
New cars and trucks ^{5, 6}		-0.2		0.22	S-Feb.2019	-0.3
New cars ⁶		-0.1		0.25	S-Feb.2019	-0.3
New trucks ^{13, 6}		0.0		0.23	L-Apr.2019	0.0
Used cars and trucks.....	2.392	0.9	0.020	0.02	S-May 2019	-1.4
Motor vehicle parts and equipment ⁴	0.379	-0.5	-0.002	0.33	S-Nov.2017	-0.5
Tires ⁴	0.225	-0.4	-0.001	0.46	S-Apr.2019	-0.4
Vehicle accessories other than tires ^{4, 5}	0.155	-0.6	-0.001	0.55	S-Feb.2019	-0.6
Vehicle parts and equipment other than tires ^{4, 6}		-1.3		0.53	S-Jul.1982	-1.3
Motor oil, coolant, and fluids ^{4, 6}		3.9		0.90	L-Mar.2019	5.2
Medical care commodities.....	1.680	0.2	0.004	0.20	L-Apr.2019	0.9
Medicinal drugs ¹¹	1.622	0.3	0.005	0.21	L-Apr.2019	0.6
Prescription drugs.....	1.285	0.4	0.005	0.24	L-Apr.2019	0.7
Nonprescription drugs ^{4, 11}	0.337	0.0	0.000	0.47	S-Feb.2019	-0.7
Medical equipment and supplies ^{4, 11}	0.058	-1.9	-0.001	0.58	S-Mar.2018	-2.0
Recreation commodities ¹¹	1.766	-0.4	-0.007	0.21	S-Feb.2019	-0.9
Video and audio products ¹¹	0.212	-0.6	-0.001	0.47	L-Apr.2019	0.0

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Televisions.....	0.087	-1.0	-0.001	0.69	L-Jan.2019	-0.6
Other video equipment ⁵	0.026	2.1	0.001	0.78	L-Apr.2014	2.4
Audio equipment ⁴	0.043	-1.2	-0.001	1.18	S-May 2019	-2.2
Recorded music and music subscriptions ^{4, 5}	0.047	-0.9	0.000	0.55	S-Oct.2018	-2.0
Pets and pet products ⁴	0.607	0.6	0.003	0.25	L-Apr.2018	0.7
Pet food ^{4, 5, 6}		0.8		0.29	L-Apr.2016	0.8
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		0.2		0.53	L-May 2019	0.7
Sporting goods.....	0.488	-1.4	-0.007	0.48	S-Feb.2019	-1.9
Sports vehicles including bicycles ⁴	0.281	-0.4	-0.001	0.74	S-May 2019	-2.3
Sports equipment.....	0.200	-1.8	-0.004	0.43	S-Nov.2009	-1.9
Photographic equipment and supplies.....	0.032	0.8	0.000	0.81	S-May 2019	0.0
Film and photographic supplies ^{4, 5, 6}						
Photographic equipment ^{5, 6}		1.1		0.94	—	—
Recreational reading materials ⁴	0.115	0.8	0.001	0.86	L-May 2019	0.9
Newspapers and magazines ^{4, 5}	0.072	0.5	0.000	0.94	—	—
Recreational books ^{4, 5}	0.043	1.3	0.001	1.46	L-Jan.2019	1.9
Other recreational goods ⁵	0.312	-1.1	-0.003	0.48	S-Apr.2019	-1.6
Toys.....	0.241	-1.5	-0.004	0.60	S-Apr.2019	-1.7
Toys, games, hobbies and playground equipment ^{1, 6}		-1.7		0.78	S-Oct.2018	-1.7
Sewing machines, fabric and supplies ^{4, 5}	0.024	0.3	0.000	1.54	S-May 2019	-1.7
Music instruments and accessories ^{4, 5}	0.036	0.9	0.000	0.52	L-May 2019	2.5
Education and communication commodities ¹¹	0.508	1.1	0.006	0.41	L-EVER	—
Educational books and supplies.....	0.127	-0.8	-0.001	0.78	S-May 2019	-0.8
College textbooks ^{4, 14, 6}		-1.0		0.69	S-Jan.2019	-1.3
Information technology commodities ¹¹	0.381	1.7	0.007	0.54	L-EVER	—
Computers, peripherals, and smart home assistant devices ⁷	0.292	2.8	0.008	0.64	L-EVER	—
Computer software and accessories ^{4, 5}	0.023	-3.8	-0.001	1.29	S-Apr.2019	-4.2
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.066	-1.2	-0.001	0.92	S-Mar.2019	-1.8
Alcoholic beverages.....	0.959	0.4	0.004	0.18	L-May 2019	0.4
Alcoholic beverages at home.....	0.598	0.3	0.002	0.26	—	—
Beer, ale, and other malt beverages at home.....	0.265	0.7	0.002	0.35	L-Feb.2019	0.7
Distilled spirits at home.....	0.081	0.2	0.000	0.45	S-May 2019	0.1
Whiskey at home ^{4, 6}		2.0		0.53	L-Jan.2019	2.4
Distilled spirits, excluding whiskey, at home ^{4, 6}		0.2		0.63	—	—
Wine at home.....	0.252	-0.2	0.000	0.49	S-Apr.2019	-0.3
Alcoholic beverages away from home ⁴	0.362	0.4	0.001	0.19	L-Sep.2018	0.5
Beer, ale, and other malt beverages away from home ^{4, 5, 6}		0.2		0.17	—	—
Wine away from home ^{4, 5, 6}		0.5		0.19	L-Aug.2018	0.8
Distilled spirits away from home ^{4, 5, 6}		0.4		0.19	L-Apr.2019	1.0
Other goods ¹¹	1.542	0.6	0.009	0.19	L-Oct.2017	0.6
Tobacco and smoking products.....	0.664	1.0	0.006	0.17	L-Mar.2019	1.6
Cigarettes ⁵	0.589	1.0	0.006	0.18	L-Mar.2019	1.8
Tobacco products other than cigarettes ^{4, 5}	0.060	0.3	0.000	0.41	L-May 2019	0.6
Personal care products ⁴	0.673	0.6	0.004	0.26	L-Oct.2015	0.6
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.375	0.6	0.002	0.35	L-Apr.2019	0.6
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.292	0.6	0.002	0.41	L-Apr.2018	0.7
Miscellaneous personal goods ⁵	0.205	-0.6	-0.001	0.88	L-May 2019	1.5
Stationery, stationery supplies, gift wrap ⁶		0.2		0.93	S-May 2019	-0.8

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Infants' equipment ^{4, 8, 6}		-0.5		1.15	S-Mar.2019	-0.7
Services less energy services.....	59.675	0.3	0.181	0.04	—	—
Shelter.....	33.318	0.3	0.091	0.07	—	—
Rent of shelter ¹⁵	32.948	0.3	0.086	0.07	—	—
Rent of primary residence.....	7.931	0.3	0.022	0.04	S-May 2019	0.2
Lodging away from home ⁵	1.045	0.9	0.009	1.80	L-Apr.2019	1.6
Housing at school, excluding board ¹⁵	0.112	0.2	0.000	0.05	—	—
Other lodging away from home including hotels and motels.....	0.932	1.0	0.009	2.03	L-Apr.2019	1.8
Owners' equivalent rent of residences ¹⁵	23.972	0.2	0.059	0.04	S-Dec.2018	0.2
Owners' equivalent rent of primary residence ¹⁵ ...	22.636	0.2	0.056	0.04	S-Dec.2018	0.2
Tenants' and household insurance ^{4, 5}	0.370	0.0	0.000	0.12	S-Apr.2019	0.0
Water and sewer and trash collection services ⁵	1.090	0.2	0.003	0.09	S-May 2019	0.2
Water and sewerage maintenance.....	0.823	0.2	0.002	0.11	S-May 2019	0.2
Garbage and trash collection ^{4, 13}	0.266	0.2	0.001	0.22	L-May 2019	0.3
Household operations ^{4, 5}	0.899	0.6	0.005	0.16	S-May 2019	-0.6
Domestic services ^{4, 5}	0.296	1.4	0.004	0.06	L-Dec.2018	1.4
Gardening and lawncare services ^{4, 5}	0.306	0.0	0.000	0.17	S-Apr.2019	-1.0
Moving, storage, freight expense ⁵	0.105	2.0	0.002	0.65	L-Jan.2019	2.6
Repair of household items ^{4, 5}						
Medical care services.....	6.978	0.5	0.038	0.10	L-May 2019	0.5
Professional services.....	3.228	0.1	0.004	0.11	S-Apr.2019	-0.1
Physicians' services.....	1.711	0.2	0.003	0.21	L-Apr.2019	0.2
Dental services.....	0.790	0.3	0.002	0.13	S-Apr.2019	-0.1
Eyeglasses and eye care ^{4, 9}	0.314	0.1	0.000	0.24	—	—
Services by other medical professionals ^{4, 9}	0.412	0.0	0.000	0.09	S-Apr.2019	-0.2
Hospital and related services.....	2.577	0.4	0.011	0.15	L-May 2019	0.5
Hospital services ¹⁶	2.296	0.5	0.011	0.17	L-May 2019	0.5
Inpatient hospital services ^{16, 6}		0.6		0.23	L-May 2019	0.6
Outpatient hospital services ^{9, 6}		0.7		0.22	L-Nov.2018	0.9
Nursing homes and adult day services ¹⁶	0.194	0.1	0.000	0.11	S-May 2019	0.1
Care of invalids and elderly at home ^{4, 8}	0.087	0.2	0.000	0.20	L-Apr.2019	0.3
Health insurance ^{4, 8}	1.172	1.7	0.020	0.11	L-Jan.2019	1.7
Transportation services.....	5.940	0.3	0.020	0.13	L-Sep.2018	0.5
Leased cars and trucks ^{4, 14}	0.615	-0.1	-0.001	0.36	L-Apr.2019	-0.1
Car and truck rental ⁵	0.118	0.3	0.000	1.67	S-Apr.2019	0.3
Motor vehicle maintenance and repair ⁴	1.129	-0.1	-0.001	0.14	S-May 2019	-0.2
Motor vehicle body work ⁴	0.056	0.1	0.000	0.13	S-May 2019	0.1
Motor vehicle maintenance and servicing ⁴	0.639	-0.4	-0.003	0.24	S-Mar.2017	-0.4
Motor vehicle repair ^{4, 5}	0.369	0.4	0.002	0.16	L-Apr.2019	0.5
Motor vehicle insurance.....	2.353	0.3	0.006	0.14	—	—
Motor vehicle fees ^{4, 5}	0.540	0.2	0.001	0.20	L-May 2019	0.2
State motor vehicle registration and license fees ^{4, 5}	0.276	0.3	0.001	0.07	L-Nov.2018	0.3
Parking and other fees ^{4, 5}	0.246	0.1	0.000	0.34	L-May 2019	0.4
Parking fees and tolls ^{5, 6}		0.0		0.17	S-Jul.2018	-0.1
Automobile service clubs ^{4, 5, 6}						
Public transportation.....	1.186	1.2	0.014	0.45	L-May 2019	1.9
Airline fares.....	0.738	2.3	0.016	0.68	L-Jul.2018	2.5
Other intercity transportation.....	0.165	-2.0	-0.003	0.71	L-May 2019	0.9
Intercity bus fare ^{4, 7, 6}		-1.0		1.53	S-Feb.2019	-3.6
Intercity train fare ^{4, 7, 6}						
Ship fare ^{4, 5, 6}		-1.1		0.77	L-May 2019	-0.2

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Intracity transportation ⁴	0.275	0.4	0.001	0.34	L-May 2019	1.1
Intracity mass transit ^{4, 11, 6}		0.2		0.05	L-May 2019	1.2
Recreation services ¹¹	3.839	0.2	0.006	0.22	L-Apr.2019	0.2
Video and audio services ¹¹	1.576	0.0	0.000	0.14	—	—
Cable and satellite television service ¹³	1.486	0.3	0.004	0.13	L-Dec.2018	0.4
Video discs and other media, including rental of video ^{4, 5}	0.090	-4.3	-0.004	0.99	S-Oct.2000	-4.4
Video discs and other media ^{4, 5, 6}		-6.2		1.95	S-Nov.2017	-7.6
Rental of video discs and other media ^{4, 5, 6}		0.5		0.19	S-May 2019	-1.2
Pet services including veterinary ⁵	0.418	0.6	0.002	0.22	L-Feb.2019	0.6
Pet services ^{4, 5, 6}		0.5		0.14	L-Sep.2018	2.2
Veterinarian services ^{5, 6}		0.6		0.17	L-Mar.2019	0.6
Photographers and photo processing ^{4, 5}	0.037	0.0	0.000	0.38	L-May 2019	0.7
Photographer fees ^{4, 5, 6}						
Photo processing ^{4, 5, 6}		0.1		0.61	L-Mar.2019	1.3
Other recreation services ⁵	1.806	0.2	0.004	0.39	L-Apr.2019	0.6
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{4, 5}	0.662	1.0	0.007	0.28	L-Nov.2018	1.5
Admissions.....	0.654	-0.5	-0.003	0.75	L-May 2019	-0.3
Admission to movies, theaters, and concerts ^{4, 5, 6}		0.4		0.63	L-May 2019	0.9
Admission to sporting events ^{4, 5, 6}		-0.7		1.92	S-May 2019	-3.1
Fees for lessons or instructions ^{4, 9}	0.218	-0.1	0.000	0.49	S-May 2019	-0.1
Education and communication services ¹¹	5.980	0.2	0.011	0.08	—	—
Tuition, other school fees, and childcare.....	2.885	0.1	0.003	0.08	—	—
College tuition and fees.....	1.596	-0.2	-0.003	0.13	S-Aug.2017	-0.3
Elementary and high school tuition and fees.....	0.333	0.4	0.001	0.06	L-Feb.2019	0.4
Child care and nursery school ¹²	0.806	0.4	0.003	0.07	—	—
Technical and business school tuition and fees ⁵	0.032	0.6	0.000	0.11	L-Apr.2019	0.7
Postage and delivery services ⁵	0.112	0.2	0.000	0.05	—	—
Postage.....	0.098	0.2	0.000	0.00	—	—
Delivery services ⁵	0.014	0.3	0.000	0.34	S-May 2019	-0.1
Telephone services ^{4, 5}	2.199	0.1	0.003	0.07	S-May 2019	0.1
Wireless telephone services ^{4, 5}	1.627	-0.1	-0.001	0.08	S-May 2019	-0.1
Land-line telephone services ^{4, 11}	0.572	0.6	0.004	0.17	L-Jul.2018	0.6
Internet services and electronic information providers ⁵	0.774	0.6	0.005	0.29	L-Jul.2018	1.2
Other personal services ^{4, 11}	1.632	0.5	0.008	0.11	L-Feb.2019	0.6
Personal care services ⁴	0.625	0.5	0.003	0.17	L-Oct.2018	0.6
Haircuts and other personal care services ^{4, 5}	0.625	0.5	0.003	0.17	L-Oct.2018	0.6
Miscellaneous personal services.....	1.006	0.6	0.006	0.13	L-Feb.2019	0.7
Legal services ^{4, 9}	0.301	0.6	0.002	0.06	L-Feb.2019	0.9
Funeral expenses ^{4, 9}	0.127	0.1	0.000	0.20	L-May 2019	0.4
Laundry and dry cleaning services ^{4, 5}	0.242	0.2	0.000	0.24	S-Jan.2019	0.1
Apparel services other than laundry and dry cleaning ^{4, 5}	0.029	1.0	0.000	0.33	—	—
Financial services ⁹	0.236	0.6	0.001	0.33	L-May 2019	1.3
Checking account and other bank services ^{4, 5, 6}		0.0		0.05	—	—
Tax return preparation and other accounting fees ^{4, 6}		0.6		0.34	L-May 2019	3.6
Special aggregate indexes						

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	One Month				
		Seasonally adjusted percent change Jun. 2019-Jul. 2019	Seasonally adjusted effect on All Items Jun. 2019-Jul. 2019 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items less food.....	86.768	0.4	0.332	0.04	L-Apr.2019	0.4
All items less shelter.....	66.682	0.4	0.245	0.05	L-Mar.2019	0.4
All items less food and shelter.....	53.451	0.5	0.241	0.06	L-Mar.2019	0.5
All items less food, shelter, and energy.....	45.703	0.3	0.140	0.06	—	—
All items less food, shelter, energy, and used cars and trucks.....	43.311	0.3	0.120	0.06	L-Sep.2018	0.3
All items less medical care.....	91.342	0.3	0.294	0.04	L-Apr.2019	0.3
All items less energy.....	92.252	0.3	0.234	0.04	—	—
Commodities.....	36.951	0.4	0.151	0.06	L-Apr.2019	0.4
Commodities less food, energy, and used cars and trucks.....	16.954	0.2	0.028	0.11	—	—
Commodities less food.....	23.719	0.6	0.148	0.09	L-Apr.2019	0.7
Commodities less food and beverages.....	22.759	0.6	0.144	0.09	L-Apr.2019	0.7
Services.....	63.049	0.3	0.183	0.05	L-Apr.2019	0.3
Services less rent of shelter ¹⁵	30.101	0.3	0.080	0.06	L-Dec.2018	0.3
Services less medical care services.....	56.072	0.2	0.139	0.05	—	—
Durables.....	9.856	0.3	0.027	0.11	S-May 2019	-0.2
Nondurables.....	27.095	0.7	0.193	0.09	L-Apr.2019	0.7
Nondurables less food.....	13.863	1.3	0.181	0.15	L-Apr.2019	1.5
Nondurables less food and beverages.....	12.904	1.4	0.176	0.16	L-Apr.2019	1.7
Nondurables less food, beverages, and apparel.....	9.924	1.7	0.164	0.11	L-Apr.2019	2.4
Nondurables less food and apparel.....	10.883	1.6	0.169	0.10	L-Apr.2019	2.1
Housing.....	42.202	0.3	0.110	0.07	—	—
Education and communication ⁵	6.487	0.2	0.016	0.08	L-Feb.2019	0.2
Education ⁵	3.012	0.1	0.002	0.09	—	—
Communication ⁵	3.475	0.4	0.015	0.10	L-May 2018	0.4
Information and information processing ⁵	3.363	0.4	0.014	0.10	L-May 2018	0.4
Information technology, hardware and services ¹⁷	1.164	1.0	0.012	0.25	L-EVER	—
Recreation ⁵	5.606	0.0	-0.001	0.15	L-Apr.2019	0.0
Video and audio ⁵	1.789	-0.1	-0.001	0.13	L-Jan.2019	0.5
Pets, pet products and services ⁵	1.025	0.6	0.006	0.18	L-Feb.2019	0.6
Photography ⁵	0.071	0.4	0.000	0.45	L-May 2019	0.4
Food and beverages.....	14.191	0.1	0.007	0.08	—	—
Domestically produced farm food.....	6.000	-0.1	-0.009	0.13	—	—
Other services.....	11.451	0.2	0.026	0.09	L-Jan.2019	0.2
Apparel less footwear.....	2.323	0.6	0.013	0.57	S-May 2019	-0.1
Fuels and utilities.....	4.641	0.1	0.004	0.25	L-Mar.2019	0.3
Household energy.....	3.552	0.0	0.001	0.32	L-Mar.2019	0.3
Medical care.....	8.658	0.5	0.042	0.10	L-Aug.2016	1.0
Transportation.....	16.704	0.8	0.131	0.08	L-Apr.2019	1.2
Private transportation.....	15.518	0.8	0.118	0.08	L-Apr.2019	1.3
New and used motor vehicles ⁵	6.921	0.2	0.014	0.12	S-May 2019	-0.5
Utilities and public transportation.....	9.336	0.1	0.013	0.14	L-Mar.2019	0.2
Household furnishings and operations.....	4.242	0.4	0.015	0.16	S-May 2019	0.1
Other goods and services.....	3.173	0.5	0.017	0.12	L-Feb.2019	0.5
Personal care ⁴	2.509	0.4	0.010	0.14	L-Feb.2019	0.6

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 1982=100 base.

¹⁶ Indexes on a December 1996=100 base.

¹⁷ Indexes on a December 1988=100 base.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 12-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018-Jul. 2019	Unadjusted effect on All Items Jul. 2018-Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
All items.....	100.000	1.8		–	L-May 2019	1.8
Food.....	13.232	1.8	0.236	–	S-Apr.2019	1.8
Food at home.....	7.189	0.6	0.047	–	S-Jan.2019	0.6
Cereals and bakery products.....	0.952	1.5	0.015	–	L-May 2019	2.2
Cereals and cereal products.....	0.308	1.1	0.004	–	L-Mar.2019	1.9
Flour and prepared flour mixes.....	0.040	-0.3	0.000	–	L-Sep.2018	1.8
Breakfast cereal.....	0.149	2.0	0.003	–	L-Jul.2012	2.7
Rice, pasta, cornmeal.....	0.119	0.6	0.001	–	S-Apr.2019	0.5
Rice ^{5, 6}		1.9		–	L-Apr.2019	2.3
Bakery products.....	0.644	1.7	0.011	–	L-May 2019	2.9
Bread ⁵	0.190	2.3	0.004	–	L-May 2019	2.3
White bread ⁶		1.7		–	S-Mar.2019	1.5
Bread other than white ⁶		3.0		–	L-May 2019	3.2
Fresh biscuits, rolls, muffins ⁵	0.090	0.0	0.000	–	S-Sep.2017	-0.7
Cakes, cupcakes, and cookies.....	0.161	2.2	0.004	–	L-May 2019	3.2
Cookies ⁶		1.8		–	L-May 2019	3.9
Fresh cakes and cupcakes ⁶		3.2		–	L-Dec.2018	4.7
Other bakery products.....	0.204	1.7	0.003	–	S-Apr.2019	1.7
Fresh sweetrolls, coffeecakes, doughnuts ⁶		2.4		–	S-Sep.2018	1.0
Crackers, bread, and cracker products ⁶		1.7		–	S-Apr.2019	0.6
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		0.0		–	L-May 2019	0.5
Meats, poultry, fish, and eggs.....	1.579	0.0	0.000	–	S-Apr.2019	-1.1
Meats, poultry, and fish.....	1.499	0.9	0.013	–	S-Apr.2019	0.0
Meats.....	0.940	1.6	0.015	–	L-May 2019	1.6
Beef and veal.....	0.429	0.8	0.003	–	L-May 2019	2.1
Uncooked ground beef.....	0.167	-0.1	0.000	–	L-May 2019	0.8
Uncooked beef roasts ⁵	0.065	3.5	0.002	–	S-Apr.2019	1.7
Uncooked beef steaks ⁵	0.160	0.4	0.001	–	S-Dec.2018	0.0
Uncooked other beef and veal ⁵	0.037	1.6	0.001	–	L-May 2019	1.6
Pork.....	0.295	2.7	0.008	–	L-Jan.2018	4.0
Bacon, breakfast sausage, and related products ⁵	0.135	3.1	0.004	–	S-May 2019	1.6
Bacon and related products ⁶		5.3		–	S-May 2019	3.2
Breakfast sausage and related products ^{5, 6}		0.4		–	S-May 2019	-0.3
Ham.....	0.053	1.7	0.001	–	L-May 2019	2.2
Ham, excluding canned ⁶		0.5		–	L-May 2019	1.0
Pork chops.....	0.042	4.0	0.002	–	L-Apr.2018	5.7
Other pork including roasts, steaks, and ribs ⁵	0.065	1.7	0.001	–	–	–
Other meats.....	0.216	1.8	0.004	–	–	–
Frankfurters ⁶		3.4		–	S-May 2019	1.4
Lunchmeats ^{5, 6}		1.4		–	S-May 2019	-0.3
Lamb and organ meats ⁶				–		
Lamb and mutton ^{5, 6}				–		
Poultry.....	0.310	-1.8	-0.006	–	S-Nov.2016	-2.2
Chicken ⁵	0.255	-1.7	-0.004	–	S-Dec.2016	-1.7
Fresh whole chicken ⁶		-2.0		–	S-Dec.2018	-2.2
Fresh and frozen chicken parts ⁶		-1.5		–	S-Dec.2016	-2.8
Other uncooked poultry including turkey ⁵	0.056	-2.5	-0.001	–	S-Jan.2019	-4.3
Fish and seafood.....	0.249	1.6	0.004	–	S-Apr.2019	1.3
Fresh fish and seafood ⁵	0.128	1.4	0.002	–	L-May 2019	3.2
Processed fish and seafood ⁵	0.121	1.7	0.002	–	S-Apr.2019	1.5
Shelf stable fish and seafood ⁶		2.0		–	S-Feb.2018	-1.3

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018-Jul. 2019	Unadjusted effect on All Items Jul. 2018-Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
Frozen fish and seafood ⁶		2.4		—	L-Mar.2019	3.3
Eggs.....	0.079	-14.1	-0.013	—	S-May 2019	-15.6
Dairy and related products.....	0.718	0.9	0.007	—	L-May 2019	1.0
Milk ⁵	0.199	3.2	0.006	—	L-Dec.2014	4.3
Fresh whole milk ⁶		2.9		—	L-Dec.2014	5.2
Fresh milk other than whole ^{5, 6}		3.6		—	L-Dec.2014	4.1
Cheese and related products.....	0.233	-0.9	-0.002	—	L-Dec.2018	-0.4
Ice cream and related products.....	0.099	-0.3	0.000	—	L-May 2019	1.6
Other dairy and related products ⁵	0.186	1.6	0.003	—	S-Apr.2019	0.6
Fruits and vegetables.....	1.262	0.6	0.007	—	S-Nov.2018	-0.1
Fresh fruits and vegetables.....	0.992	0.3	0.003	—	S-Nov.2018	-0.1
Fresh fruits.....	0.523	-2.7	-0.015	—	S-Feb.2017	-4.3
Apples.....	0.077	3.5	0.003	—	L-Oct.2017	3.7
Bananas.....	0.079	-1.6	-0.001	—	S-Apr.2019	-1.6
Citrus fruits ⁵	0.151	-5.6	-0.009	—	S-May 2015	-8.0
Oranges, including tangerines ⁶		-6.8		—	S-Oct.2018	-6.9
Other fresh fruits ⁵	0.216	-3.2	-0.007	—	S-Jan.2019	-3.2
Fresh vegetables.....	0.468	4.0	0.018	—	S-Jan.2019	3.6
Potatoes.....	0.078	4.5	0.004	—	L-May 2019	6.2
Lettuce.....	0.059	14.2	0.008	—	L-Apr.2019	15.9
Tomatoes.....	0.074	-1.7	-0.001	—	S-Jan.2019	-5.0
Other fresh vegetables.....	0.257	3.2	0.008	—	S-Nov.2018	3.1
Processed fruits and vegetables ⁵	0.271	1.5	0.004	—	S-May 2019	1.3
Canned fruits and vegetables ⁵	0.151	2.9	0.004	—	S-Apr.2019	2.9
Canned fruits ^{5, 6}		1.9		—	S-May 2019	1.0
Canned vegetables ^{5, 6}		3.1		—	S-Jan.2019	1.1
Frozen fruits and vegetables ⁵	0.077	-0.2	0.000	—	S-May 2019	-1.5
Frozen vegetables ⁶		2.0		—	S-May 2019	-0.3
Other processed fruits and vegetables including dried ⁵	0.043	-0.4	0.000	—	L-Dec.2018	-0.4
Dried beans, peas, and lentils ^{5, 6}		-3.3		—	L-Sep.2018	-3.2
Nonalcoholic beverages and beverage materials.....	0.861	1.9	0.016	—	S-Dec.2018	1.4
Juices and nonalcoholic drinks ⁵	0.611	2.6	0.016	—	S-Dec.2018	2.5
Carbonated drinks.....	0.256	3.1	0.008	—	S-Nov.2018	3.0
Frozen noncarbonated juices and drinks ⁵	0.008	-1.2	0.000	—	S-Aug.2018	-3.1
Nonfrozen noncarbonated juices and drinks ⁵	0.347	2.3	0.008	—	S-Apr.2019	2.0
Beverage materials including coffee and tea ⁵	0.250	0.1	0.000	—	S-May 2019	0.0
Coffee.....	0.161	-0.8	-0.001	—	S-May 2019	-1.3
Roasted coffee ⁶		-0.7		—	S-May 2019	-2.0
Instant coffee ⁶		0.7		—	S-Apr.2019	0.3
Other beverage materials including tea ⁵	0.089	1.6	0.001	—	S-Apr.2019	1.2
Other food at home.....	1.817	0.1	0.002	—	S-Aug.2018	0.1
Sugar and sweets.....	0.279	2.5	0.007	—	L-Dec.2015	2.6
Sugar and sugar substitutes.....	0.042	1.1	0.000	—	L-Apr.2018	1.9
Candy and chewing gum ⁵	0.184	3.6	0.006	—	—	—
Other sweets ⁵	0.053	-0.3	0.000	—	L-May 2019	-0.3
Fats and oils.....	0.209	-1.2	-0.003	—	S-Apr.2019	-2.0
Butter and margarine ⁵	0.060	-0.1	0.000	—	S-Apr.2019	-1.2
Butter ⁶		0.3		—	S-Apr.2019	-1.6
Margarine ⁶		0.4		—	S-Apr.2019	0.0
Salad dressing ⁵	0.051	0.0	0.000	—	S-Apr.2019	-1.0
Other fats and oils including peanut butter ⁵	0.099	-2.4	-0.002	—	S-Apr.2019	-2.9
Peanut butter ^{5, 6}		0.8		—	L-Jan.2019	1.9
Other foods.....	1.329	-0.2	-0.002	—	S-May 2018	-0.4

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018-Jul. 2019	Unadjusted effect on All Items Jul. 2018-Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
Soups.....	0.084	0.0	0.000	—	S-Apr.2019	-0.3
Frozen and freeze dried prepared foods.....	0.231	-0.1	0.000	—	—	—
Snacks.....	0.306	-1.6	-0.005	—	S-Dec.2004	-2.3
Spices, seasonings, condiments, sauces.....	0.268	0.4	0.001	—	S-May 2019	0.1
Salt and other seasonings and spices ^{5, 6}		1.3		—	L-Dec.2018	1.6
Olives, pickles, relishes ^{5, 6}		-0.9		—	S-Sep.2018	-3.9
Sauces and gravies ^{5, 6}		1.0		—	L-Mar.2019	1.0
Other condiments ⁶		-1.5		—	S-Aug.2018	-1.9
Baby food ⁵	0.051	5.5	0.003	—	L-Apr.2019	6.0
Other miscellaneous foods ⁵	0.391	-0.3	-0.001	—	S-Feb.2019	-0.6
Prepared salads ^{7, 6}		0.5		—	L-Sep.2018	0.5
Food away from home.....	6.043	3.2	0.189	—	L-Jul.2009	3.2
Full service meals and snacks ⁵	3.009	3.2	0.096	—	S-May 2019	2.8
Limited service meals and snacks ⁵	2.566	3.2	0.082	—	L-May 2019	3.2
Food at employee sites and schools ⁵	0.179	1.4	0.003	—	—	—
Food at elementary and secondary schools ^{8, 6}						
Food from vending machines and mobile vendors ⁵	0.092	4.7	0.004	—	L-May 2019	5.5
Other food away from home ⁵	0.196	2.0	0.004	—	—	—
Energy.....	7.748	-2.0	-0.164	—	L-May 2019	-0.5
Energy commodities.....	4.373	-3.4	-0.157	—	L-May 2019	-0.3
Fuel oil and other fuels.....	0.177	-5.2	-0.010	—	S-Jan.2019	-5.9
Fuel oil.....	0.108	-6.0	-0.007	—	S-Jan.2019	-8.1
Propane, kerosene, and firewood ⁹	0.069	-3.8	-0.003	—	—	—
Motor fuel.....	4.196	-3.3	-0.147	—	L-May 2019	-0.2
Gasoline (all types).....	4.108	-3.3	-0.142	—	L-May 2019	-0.2
Gasoline, unleaded regular ⁶		-3.4		—	L-May 2019	-0.4
Gasoline, unleaded midgrade ^{10, 6}		-2.6		—	L-May 2019	0.5
Gasoline, unleaded premium ⁶		-2.1		—	L-May 2019	1.2
Other motor fuels ⁵	0.088	-5.4	-0.005	—	S-Sep.2016	-6.2
Energy services.....	3.375	-0.2	-0.007	—	L-Apr.2019	0.0
Electricity.....	2.645	0.5	0.015	—	L-Apr.2019	0.6
Utility (piped) gas service.....	0.729	-2.9	-0.022	—	S-Jun.2016	-5.0
All items less food and energy.....	79.021	2.2	1.740	—	L-Jan.2019	2.2
Commodities less food and energy commodities.....	19.346	0.4	0.080	—	L-Jan.2013	0.4
Household furnishings and supplies ¹¹	3.343	1.6	0.053	—	—	—
Window and floor coverings and other linens ⁵	0.247	-0.7	-0.002	—	L-Nov.2018	0.7
Floor coverings ⁵	0.057	6.0	0.003	—	L-Dec.2005	6.2
Window coverings ⁵	0.043	-3.6	-0.002	—	L-Mar.2019	-3.6
Other linens ⁵	0.148	-2.3	-0.004	—	L-May 2019	-1.5
Furniture and bedding.....	0.896	3.9	0.034	—	L-Jan.1996	4.2
Bedroom furniture.....	0.320	2.1	0.007	—	L-Dec.2011	2.2
Living room, kitchen, and dining room furniture ⁵	0.437	5.1	0.022	—	L-EVER	—
Other furniture ⁵	0.128	4.3	0.005	—	S-Apr.2019	3.7
Infants' furniture ^{8, 6}		11.6		—	L-May 2019	12.3
Appliances ⁵	0.215	0.6	0.001	—	S-May 2018	-0.1
Major appliances ⁵	0.079	-0.7	-0.001	—	S-Mar.2018	-3.6
Laundry equipment ⁶		-4.6		—	S-Mar.2018	-7.2
Other appliances ⁵	0.132	1.4	0.002	—	S-Sep.2018	0.5
Other household equipment and furnishings ⁵	0.493	-1.0	-0.005	—	S-May 2019	-1.8
Clocks, lamps, and decorator items.....	0.266	-3.0	-0.008	—	S-Apr.2019	-3.8
Indoor plants and flowers ¹²	0.092	2.4	0.002	—	L-Oct.2018	3.4
Dishes and flatware ⁵	0.057	6.7	0.004	—	L-EVER	—
Nonelectric cookware and tableware ⁵	0.078	-2.9	-0.002	—	S-May 2019	-5.2

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018- Jul. 2019	Unadjusted effect on All Items Jul. 2018- Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
Tools, hardware, outdoor equipment and supplies ⁵ . . .	0.659	1.4	0.009	—	L-Feb.2019	2.0
Tools, hardware and supplies ⁵	0.196	1.4	0.003	—	S-Apr.2019	0.2
Outdoor equipment and supplies ⁵	0.303	1.3	0.004	—	L-Mar.2019	1.5
Housekeeping supplies	0.834	1.8	0.015	—	S-Oct.2018	1.3
Household cleaning products ⁵	0.329	1.4	0.005	—	S-Jul.2018	1.4
Household paper products ⁵	0.225	3.4	0.007	—	S-Feb.2019	2.3
Miscellaneous household products ⁵	0.280	1.1	0.003	—	S-Apr.2019	0.9
Apparel	2.980	-0.5	-0.016	—	L-Jan.2019	0.1
Men's and boys' apparel	0.736	0.4	0.003	—	L-Mar.2019	1.1
Men's apparel	0.571	-0.7	-0.004	—	S-May 2019	-1.0
Men's suits, sport coats, and outerwear	0.102	3.6	0.004	—	L-Mar.2017	4.0
Men's underwear, nightwear, swimwear, and accessories	0.150	-3.3	-0.005	—	S-Feb.2018	-3.7
Men's shirts and sweaters ⁵	0.161	-2.2	-0.004	—	L-Oct.2018	2.7
Men's pants and shorts	0.151	0.8	0.001	—	L-Mar.2018	1.7
Boys' apparel	0.165	4.4	0.007	—	L-Mar.2019	6.2
Women's and girls' apparel	1.201	-1.4	-0.017	—	L-Dec.2018	-1.3
Women's apparel	1.022	-2.3	-0.024	—	L-Jan.2019	-1.7
Women's outerwear	0.071	6.7	0.004	—	L-Feb.2019	6.7
Women's dresses	0.119	-6.9	-0.008	—	L-Feb.2019	-4.8
Women's suits and separates ⁵	0.531	-3.3	-0.018	—	L-Jan.2019	-1.7
Women's underwear, nightwear, swimwear, and accessories ⁵	0.289	-0.6	-0.002	—	S-May 2019	-1.6
Girls' apparel	0.179	4.0	0.007	—	S-May 2019	-4.5
Footwear	0.657	-0.5	-0.003	—	S-May 2019	-1.6
Men's footwear	0.210	-1.2	-0.003	—	S-May 2019	-1.2
Boys' and girls' footwear	0.155	0.8	0.001	—	S-May 2019	-0.2
Women's footwear	0.292	-0.7	-0.002	—	L-Jan.2019	-0.7
Infants' and toddlers' apparel	0.132	-1.8	-0.002	—	L-May 2019	-0.3
Jewelry and watches ⁹	0.254	1.6	0.004	—	S-May 2019	-1.6
Watches ⁹	0.099	2.3	0.002	—	S-May 2019	1.9
Jewelry ⁹	0.155	1.1	0.002	—	S-May 2019	-3.7
Transportation commodities less motor fuel ¹¹	6.568	0.8	0.055	—	S-May 2019	0.7
New vehicles	3.684	0.3	0.013	—	S-Feb.2019	0.3
New cars and trucks ^{5, 6}		0.3		—	S-Feb.2019	0.3
New cars ⁶		0.6		—	S-Feb.2019	0.6
New trucks ^{13, 6}		0.2		—	S-Feb.2019	0.2
Used cars and trucks	2.392	1.5	0.036	—	L-Jan.2019	1.6
Motor vehicle parts and equipment	0.379	1.4	0.005	—	S-Oct.2018	1.2
Tires	0.225	2.1	0.005	—	L-Oct.2012	2.8
Vehicle accessories other than tires ⁵	0.155	0.5	0.001	—	S-Jun.2017	0.2
Vehicle parts and equipment other than tires ⁶		0.0		—	S-Nov.2016	-0.4
Motor oil, coolant, and fluids ⁶		2.8		—	L-Mar.2019	6.4
Medical care commodities	1.680	-0.4	-0.008	—	L-Apr.2019	0.2
Medicinal drugs ¹¹	1.622	-0.5	-0.008	—	L-Apr.2019	0.1
Prescription drugs	1.285	-0.8	-0.010	—	L-Apr.2019	0.3
Nonprescription drugs ¹¹	0.337	0.5	0.002	—	L-Nov.2018	0.5
Medical equipment and supplies ¹¹	0.058	1.7	0.001	—	S-Mar.2019	1.4
Recreation commodities ¹¹	1.766	-1.4	-0.026	—	S-Apr.2019	-1.7
Video and audio products ¹¹	0.212	-10.0	-0.024	—	S-Dec.2018	-11.0
Televisions	0.087	-20.2	-0.022	—	S-Jan.2017	-21.8
Other video equipment ⁵	0.026	1.1	0.000	—	L-Mar.2019	1.8
Audio equipment	0.043	-0.5	0.000	—	S-Feb.2019	-0.5
Recorded music and music subscriptions ⁵	0.047	-3.8	-0.002	—	S-Apr.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, July 2019, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018-Jul. 2019	Unadjusted effect on All Items Jul. 2018-Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
Pets and pet products.....	0.607	3.5	0.021	—	L-Sep.2009	4.2
Pet food ^{5, 6}		3.7		—	L-Jan.2012	3.9
Purchase of pets, pet supplies, accessories ^{5, 6}		3.0		—	L-May 2019	3.1
Sporting goods.....	0.488	-1.1	-0.006	—	S-Nov.2018	-1.2
Sports vehicles including bicycles.....	0.281	-0.7	-0.002	—	S-Jan.2018	-1.0
Sports equipment.....	0.200	-1.8	-0.004	—	S-Apr.2019	-2.7
Photographic equipment and supplies.....	0.032	3.8	0.001	—	L-Jun.2017	4.5
Film and photographic supplies ^{5, 6}						
Photographic equipment ^{5, 6}		3.4		—	L-Jun.2017	5.6
Recreational reading materials.....	0.115	2.7	0.003	—	S-Apr.2019	2.5
Newspapers and magazines ⁵	0.072	5.8	0.004	—	S-Apr.2019	4.8
Recreational books ⁵	0.043	-2.2	-0.001	—	L-Apr.2019	-1.0
Other recreational goods ⁵	0.312	-6.5	-0.022	—	S-Apr.2019	-7.5
Toys.....	0.241	-8.8	-0.023	—	S-Apr.2019	-9.8
Toys, games, hobbies and playground equipment ^{1, 6}		-6.7		—	S-Apr.2019	-6.8
Sewing machines, fabric and supplies ⁵	0.024	5.1	0.001	—	L-May 2019	6.1
Music instruments and accessories ⁵	0.036	2.7	0.001	—	S-Apr.2019	-0.3
Education and communication commodities ¹¹	0.508	-4.1	-0.022	—	L-Dec.2018	-3.3
Educational books and supplies.....	0.127	-3.0	-0.004	—	S-May 2019	-4.0
College textbooks ^{14, 6}		-3.9		—	S-May 2019	-4.2
Information technology commodities ¹¹	0.381	-4.5	-0.018	—	L-Oct.2018	-4.5
Computers, peripherals, and smart home assistant devices ⁷	0.292	-1.2	-0.004	—	L-EVER	—
Computer software and accessories ⁵	0.023	-8.8	-0.002	—	S-Apr.2017	-9.8
Telephone hardware, calculators, and other consumer information items ⁵	0.066	-15.8	-0.013	—	S-Feb.2016	-16.2
Alcoholic beverages.....	0.959	1.9	0.018	—	L-Nov.2013	1.9
Alcoholic beverages at home.....	0.598	2.1	0.013	—	L-Nov.2009	2.3
Beer, ale, and other malt beverages at home.....	0.265	2.6	0.007	—	L-Feb.2019	2.6
Distilled spirits at home.....	0.081	2.4	0.002	—	S-May 2019	1.5
Whiskey at home ⁶		2.1		—	L-Mar.2019	3.3
Distilled spirits, excluding whiskey, at home ⁶		2.2		—	S-May 2019	1.3
Wine at home.....	0.252	1.6	0.004	—	—	—
Alcoholic beverages away from home.....	0.362	1.4	0.005	—	L-Apr.2019	1.5
Beer, ale, and other malt beverages away from home ^{5, 6}		1.0		—	L-May 2019	1.0
Wine away from home ^{5, 6}		2.4		—	L-May 2019	2.5
Distilled spirits away from home ^{5, 6}		0.8		—	L-Dec.2018	1.4
Other goods ¹¹	1.542	1.7	0.027	—	L-Mar.2018	2.7
Tobacco and smoking products.....	0.664	5.4	0.035	—	L-Mar.2019	5.4
Cigarettes ⁵	0.589	5.6	0.032	—	L-Mar.2019	5.6
Tobacco products other than cigarettes ⁵	0.060	3.6	0.002	—	L-May 2019	4.0
Personal care products.....	0.673	-0.1	-0.001	—	L-Sep.2018	0.0
Hair, dental, shaving, and miscellaneous personal care products ⁵	0.375	1.2	0.005	—	L-May 2019	1.3
Cosmetics, perfume, bath, nail preparations and implements.....	0.292	-1.8	-0.005	—	L-Oct.2018	-1.1
Miscellaneous personal goods ⁵	0.205	-3.2	-0.007	—	L-May 2019	-2.3
Stationery, stationery supplies, gift wrap ⁶		-1.3		—	—	—
Infants' equipment ^{3, 6}		-2.2		—	L-May 2018	-0.9
Services less energy services.....	59.675	2.8	1.660	—	—	—
Shelter.....	33.318	3.5	1.143	—	—	—
Rent of shelter ¹⁵	32.948	3.5	1.142	—	—	—

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018-Jul. 2019	Unadjusted effect on All Items Jul. 2018-Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
Rent of primary residence.....	7.931	3.8	0.299	—	S-May 2019	3.7
Lodging away from home ⁵	1.045	4.6	0.046	—	L-Jul.2018	5.1
Housing at school, excluding board ¹⁵	0.112	2.6	0.003	—	—	—
Other lodging away from home including hotels and motels.....	0.932	4.8	0.044	—	L-Jul.2018	5.2
Owners' equivalent rent of residences ¹⁵	23.972	3.4	0.797	—	—	—
Owners' equivalent rent of primary residence ¹⁵ ..	22.636	3.4	0.754	—	—	—
Tenants' and household insurance ⁵	0.370	0.3	0.001	—	S-Apr.2018	0.2
Water and sewer and trash collection services ⁵	1.090	3.3	0.035	—	—	—
Water and sewerage maintenance.....	0.823	3.2	0.026	—	S-May 2019	3.2
Garbage and trash collection ¹³	0.266	3.6	0.009	—	L-May 2019	3.9
Household operations ⁵	0.899	5.4	0.047	—	L-Jan.2019	5.6
Domestic services ⁵	0.296	2.2	0.007	—	L-Apr.2019	3.5
Gardening and lawncare services ⁵	0.306	7.8	0.023	—	S-May 2019	3.0
Moving, storage, freight expense ⁵	0.105	6.8	0.007	—	L-Jul.2018	8.6
Repair of household items ⁵						
Medical care services.....	6.978	3.3	0.229	—	L-Mar.2017	3.4
Professional services.....	3.228	1.1	0.036	—	L-Jan.2019	1.2
Physicians' services.....	1.711	0.7	0.012	—	L-Feb.2019	0.7
Dental services.....	0.790	2.3	0.018	—	L-Jan.2019	2.8
Eyeglasses and eye care ⁹	0.314	1.3	0.004	—	S-Apr.2019	0.6
Services by other medical professionals ⁹	0.412	0.5	0.002	—	—	—
Hospital and related services.....	2.577	1.0	0.027	—	L-May 2019	1.5
Hospital services ¹⁶	2.296	0.8	0.018	—	L-May 2019	1.3
Inpatient hospital services ^{16, 6}		0.9		—	L-May 2019	1.2
Outpatient hospital services ^{9, 6}		0.4		—	L-May 2019	0.9
Nursing homes and adult day services ¹⁶	0.194	3.4	0.006	—	S-May 2019	3.4
Care of invalids and elderly at home ⁸	0.087	3.4	0.003	—	S-Mar.2019	2.7
Health insurance ⁸	1.172	15.9	0.166	—	L-EVER	—
Transportation services.....	5.940	0.7	0.042	—	S-Jun.2007	0.6
Leased cars and trucks ¹⁴	0.615	-4.6	-0.030	—	S-Nov.2012	-5.4
Car and truck rental ⁵	0.118	1.4	0.002	—	S-May 2019	-0.5
Motor vehicle maintenance and repair.....	1.129	3.3	0.036	—	S-Feb.2019	2.8
Motor vehicle body work.....	0.056	4.0	0.002	—	L-Jul.2009	4.4
Motor vehicle maintenance and servicing.....	0.639	3.6	0.022	—	S-Dec.2018	3.1
Motor vehicle repair ⁵	0.369	2.5	0.009	—	L-Apr.2019	2.9
Motor vehicle insurance.....	2.353	0.6	0.015	—	S-Dec.2007	0.5
Motor vehicle fees ⁵	0.540	2.1	0.011	—	L-Feb.2019	2.2
State motor vehicle registration and license fees ⁵	0.276	1.1	0.003	—	L-Dec.2018	1.6
Parking and other fees ⁵	0.246	3.2	0.008	—	—	—
Parking fees and tolls ^{5, 6}		3.2		—	—	—
Automobile service clubs ^{5, 6}						
Public transportation.....	1.186	0.7	0.008	—	S-Apr.2019	-1.2
Airline fares.....	0.738	1.3	0.009	—	S-May 2019	0.9
Other intercity transportation.....	0.165	-2.2	-0.004	—	S-Feb.2019	-2.6
Intercity bus fare ^{7, 6}		12.8		—	L-EVER	—
Intercity train fare ^{7, 6}						
Ship fare ^{5, 6}		-3.0		—	S-Aug.2017	-3.5
Intracity transportation.....	0.275	1.1	0.003	—	—	—
Intracity mass transit ^{11, 6}		1.6		—	S-Apr.2019	0.6
Recreation services ¹¹	3.839	1.7	0.067	—	—	—
Video and audio services ¹¹	1.576	1.5	0.023	—	—	—
Cable and satellite television service ¹³	1.486	1.5	0.022	—	L-May 2019	1.5

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018-Jul. 2019	Unadjusted effect on All Items Jul. 2018-Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
Video discs and other media, including rental of video ⁵	0.090	1.0	0.001	—	S-Aug.2018	-0.3
Video discs and other media ^{5, 6}		-0.7		—	S-Sep.2018	-3.1
Rental of video discs and other media ^{5, 6}		4.4		—	—	—
Pet services including veterinary ⁵	0.418	4.0	0.016	—	L-Apr.2016	4.1
Pet services ^{5, 6}		3.1		—	L-Apr.2019	3.5
Veterinarian services ^{5, 6}		4.5		—	L-Dec.2015	4.6
Photographers and photo processing ⁵	0.037	-1.3	0.000	—	L-May 2019	-0.2
Photographer fees ^{5, 6}						
Photo processing ^{5, 6}		-0.2		—	L-May 2019	1.8
Other recreation services ⁵	1.806	1.5	0.028	—	—	—
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ⁵	0.662	2.5	0.016	—	L-Apr.2019	4.4
Admissions.....	0.654	-0.2	-0.001	—	S-Jun.2013	-0.2
Admission to movies, theaters, and concerts ^{5, 6}		1.0		—	L-May 2019	2.3
Admission to sporting events ^{5, 6}		-1.2		—	S-Feb.2019	-3.4
Fees for lessons or instructions ⁹	0.218	3.7	0.008	—	L-Nov.2018	3.9
Education and communication services ¹¹	5.980	1.0	0.062	—	S-Jan.2019	0.7
Tuition, other school fees, and childcare.....	2.885	3.2	0.090	—	S-Feb.2019	3.0
College tuition and fees.....	1.596	2.9	0.045	—	S-Jan.2019	2.9
Elementary and high school tuition and fees.....	0.333	4.1	0.013	—	—	—
Child care and nursery school ¹²	0.806	3.4	0.027	—	L-Feb.2016	3.9
Technical and business school tuition and fees ⁵	0.032	1.9	0.001	—	L-Dec.2018	2.1
Postage and delivery services ⁵	0.112	5.5	0.006	—	—	—
Postage.....	0.098	5.9	0.006	—	—	—
Delivery services ⁵	0.014	2.6	0.000	—	S-Jan.2019	2.0
Telephone services ⁵	2.199	-1.7	-0.038	—	—	—
Wireless telephone services ⁵	1.627	-3.0	-0.051	—	—	—
Land-line telephone services ¹¹	0.572	2.3	0.013	—	L-Nov.2015	2.6
Internet services and electronic information providers ⁵	0.774	0.6	0.005	—	S-Jun.2018	-1.3
Other personal services ¹¹	1.632	2.1	0.034	—	L-Mar.2019	3.0
Personal care services.....	0.625	2.3	0.014	—	L-May 2019	2.4
Haircuts and other personal care services ⁵	0.625	2.3	0.014	—	L-May 2019	2.4
Miscellaneous personal services.....	1.006	2.0	0.020	—	L-Mar.2019	2.9
Legal services ⁹	0.301	1.2	0.004	—	L-Mar.2019	1.8
Funeral expenses ⁹	0.127	1.7	0.002	—	S-May 2018	1.7
Laundry and dry cleaning services ⁵	0.242	4.1	0.010	—	L-Feb.2009	4.1
Apparel services other than laundry and dry cleaning ⁵	0.029	5.1	0.001	—	L-Mar.2019	5.6
Financial services ⁹	0.236	0.6	0.001	—	L-Mar.2019	3.7
Checking account and other bank services ^{5, 6}		0.2		—	—	—
Tax return preparation and other accounting fees ^{5, 6}		0.0		—	—	—
Special aggregate indexes						
All items less food.....	86.768	1.8	1.575	—	L-May 2019	1.8
All items less shelter.....	66.682	1.0	0.668	—	L-May 2019	1.0
All items less food and shelter.....	53.451	0.8	0.432	—	L-May 2019	0.8
All items less food, shelter, and energy.....	45.703	1.3	0.597	—	L-Jan.2019	1.4
All items less food, shelter, energy, and used cars and trucks.....	43.311	1.3	0.561	—	L-Jan.2019	1.4
All items less medical care.....	91.342	1.7	1.589	—	L-May 2019	1.8

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2019, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2019	Twelve Month				
		Unadjusted percent change Jul. 2018- Jul. 2019	Unadjusted effect on All Items Jul. 2018- Jul. 2019 ¹	Standard error, median price change ^{2, 3}	Largest (L) or Smallest (S) unadjusted change since: ⁴	
					Date	Percent change
All items less energy.....	92.252	2.1	1.975	—	—	—
Commodities.....	36.951	0.4	0.159	—	L-May 2019	0.6
Commodities less food, energy, and used cars and trucks.....	16.954	0.3	0.044	—	L-Feb.2013	0.4
Commodities less food.....	23.719	-0.3	-0.077	—	L-May 2019	-0.2
Commodities less food and beverages.....	22.759	-0.4	-0.095	—	L-May 2019	-0.3
Services.....	63.049	2.6	1.652	—	—	—
Services less rent of shelter ¹⁵	30.101	1.7	0.510	—	L-Apr.2019	1.8
Services less medical care services.....	56.072	2.6	1.423	—	—	—
Durables.....	9.856	0.5	0.048	—	—	—
Nondurables.....	27.095	0.4	0.111	—	L-May 2019	0.7
Nondurables less food.....	13.863	-0.9	-0.125	—	L-May 2019	-0.5
Nondurables less food and beverages.....	12.904	-1.1	-0.143	—	L-May 2019	-0.7
Nondurables less food, beverages, and apparel.....	9.924	-1.2	-0.127	—	L-May 2019	0.0
Nondurables less food and apparel.....	10.883	-1.0	-0.109	—	L-May 2019	0.2
Housing.....	42.202	3.0	1.261	—	—	—
Education and communication ⁵	6.487	0.6	0.040	—	—	—
Education ⁵	3.012	2.9	0.086	—	S-Feb.2019	2.9
Communication ⁵	3.475	-1.3	-0.046	—	L-Apr.2019	-1.1
Information and information processing ⁵	3.363	-1.5	-0.052	—	L-Apr.2019	-1.3
Information technology, hardware and services ¹⁷	1.164	-1.1	-0.014	—	L-May 2019	-1.1
Recreation ⁵	5.606	0.7	0.041	—	S-Nov.2018	0.6
Video and audio ⁵	1.789	0.0	-0.001	—	—	—
Pets, pet products and services ⁵	1.025	3.7	0.037	—	L-Sep.2009	3.9
Photography ⁵	0.071	1.1	0.001	—	L-Jun.2017	1.2
Food and beverages.....	14.191	1.8	0.254	—	S-Apr.2019	1.7
Domestically produced farm food.....	6.000	0.5	0.028	—	S-Apr.2019	0.5
Other services.....	11.451	1.4	0.163	—	—	—
Apparel less footwear.....	2.323	-0.6	-0.013	—	L-Jan.2019	-0.5
Fuels and utilities.....	4.641	0.4	0.018	—	L-Apr.2019	0.8
Household energy.....	3.552	-0.5	-0.017	—	L-Apr.2019	0.0
Medical care.....	8.658	2.6	0.222	—	L-Jul.2017	2.6
Transportation.....	16.704	-0.3	-0.051	—	L-May 2019	0.6
Private transportation.....	15.518	-0.4	-0.059	—	L-May 2019	0.6
New and used motor vehicles ⁵	6.921	0.3	0.021	—	S-Jun.2018	0.0
Utilities and public transportation.....	9.336	0.2	0.020	—	L-Jan.2019	0.4
Household furnishings and operations.....	4.242	2.4	0.100	—	L-Dec.1995	2.5
Other goods and services.....	3.173	1.9	0.061	—	L-Mar.2019	2.1
Personal care.....	2.509	1.0	0.026	—	L-Mar.2019	1.3

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 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 The 2018 geographic revision has prevented official variances for 2018 from being calculated. Experimental variances are available upon request.

⁴ 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.

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 1982=100 base.

¹⁶ Indexes on a December 1996=100 base.

¹⁷ Indexes on a December 1988=100 base.