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CONSUMER PRICE INDEX – AUGUST 2018

The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.2 percent in August on a seasonally adjusted basis, the same increase as in July, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index rose 2.7 percent before seasonal adjustment.

Increases in the indexes for shelter and energy were the main contributors to the seasonally adjusted monthly increase in the all items index. The energy index increased 1.9 percent in August; a 3.0-percent increase in the gasoline index was the largest factor, but the other energy component indexes also rose. The shelter index increased 0.3 percent in August, the same increase as in July. The food index rose only slightly in August, with the index for food at home unchanged.

The index for all items less food and energy rose 0.1 percent in August, the smallest monthly increase since April. Along with the shelter index, the indexes for airline fares and used cars and trucks were among those that increased in August. An array of indexes declined, including apparel, medical care, communication, recreation, and personal care.

The all items index rose 2.7 percent for the 12 months ending August, a smaller increase than the 2.9 percent increase for the 12 months ending July. The index for all items less food and energy rose 2.2 percent for the 12 months ending August and the energy index increased 10.2 percent; these were both smaller increases than for the 12 months ending July. The food index increased 1.4 percent over the last 12 months, the same increase as for the period ending July.

Chart 1. One-month percent change in CPI for All Urban Consumers (CPI-U), seasonally adjusted, Aug. 2017 - Aug. 2018
 Percent change

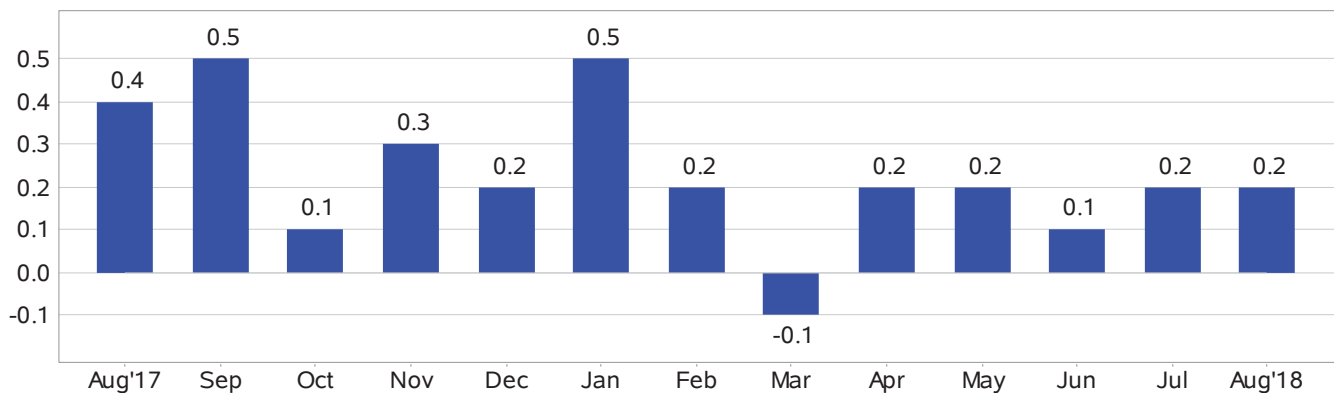


Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, Aug. 2017 - Aug. 2018

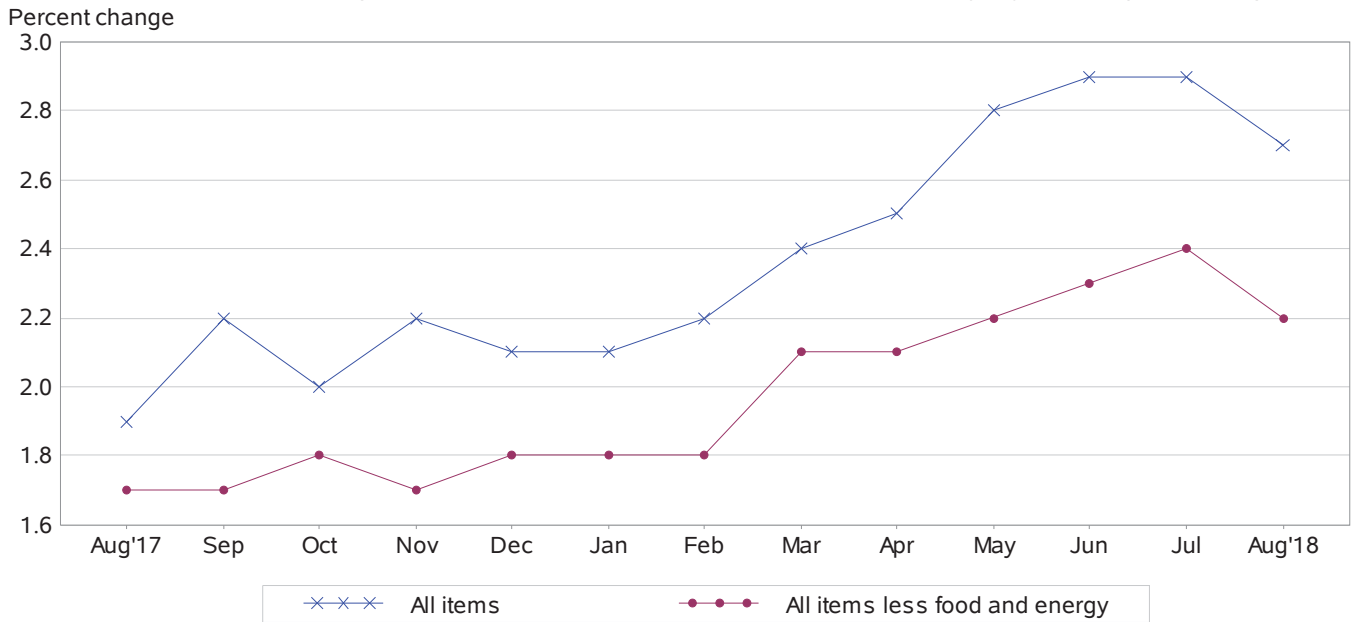


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Aug. 2018
	Feb. 2018	Mar. 2018	Apr. 2018	May 2018	June 2018	July 2018	Aug. 2018	
All items .....	.2	-.1	.2	.2	.1	.2	.2	2.7
Food .....	.0	.1	.3	.0	.2	.1	.1	1.4
Food at home	-.2	.1	.3	-.2	.2	.2	.0	.5
Food away from home ¹ .....	.2	.1	.2	.3	.2	.1	.2	2.6
Energy .....	.1	-2.8	1.4	.9	-.3	-5	1.9	10.2
Energy commodities	-.9	-4.7	3.0	1.6	.6	-6	3.0	20.4
Gasoline (all types)	-.9	-4.9	3.0	1.7	.5	-6	3.0	20.3
Fuel oil	-3.6	-.7	2.7	-.7	2.9	1.2	2.2	30.9
Energy services	1.4	-.2	-.5	-.1	-1.5	-.4	.4	-.4
Electricity .....	.4	.0	-.6	.1	-1.4	-.4	.3	-.5
Utility (piped) gas service	4.7	-1.2	-.4	-.6	-1.7	-.5	.9	.1
All items less food and energy .....	.2	.2	.1	.2	.2	.2	.1	2.2
Commodities less food and energy								
commodities .....	.1	-.1	-.1	-.1	.0	.1	-.3	-.2
New vehicles	-.5	.0	-.5	.3	.4	.3	.0	.3
Used cars and trucks	-.3	-.3	-1.6	-.9	.7	1.3	.4	1.3
Apparel	1.5	-.6	.3	.0	-.9	-.3	-1.6	-1.4
Medical care commodities	-.3	.1	-.2	1.3	.2	-1.1	-.3	.3
Services less energy services .....	.2	.3	.2	.3	.2	.3	.2	3.0
Shelter .....	.2	.4	.3	.3	.1	.3	.3	3.4
Transportation services	1.0	.2	-.4	.0	.2	.5	.3	3.9
Medical care services .....	.0	.5	.2	-.1	.5	.1	-.2	1.9

¹ Not seasonally adjusted.

Food

The food index rose 0.1 percent in August as the index for food away from home rose 0.2 percent and the food at home index was unchanged. The major grocery store food groups generally posted small changes in August. The fruits and vegetables index was the only one to decline, falling 0.3 percent as the index for fresh fruits declined 1.4 percent.

The index for nonalcoholic beverages rose 0.2 percent, and the index for meats, poultry, fish, and eggs increased 0.1 percent, as did the index for dairy and related products. The indexes for cereals and bakery products and for other food at home were both unchanged in August.

The food at home index increased 0.5 percent over the past year. The index for meats, poultry, fish, and eggs rose 1.1 percent over the span; the remaining major grocery store food group indexes posted smaller increases, except for the dairy index, which was unchanged over the last 12 months. The index for food away from home rose 2.6 percent over the last year.

Energy

The energy index rose 1.9 percent in August after declining in June and July. The gasoline index rose 3.0 percent in August after declining 0.6 percent in July. (Before seasonal adjustment, gasoline prices decreased 0.3 percent in August.) The index for electricity rose 0.3 percent in August after falling in June and July. The index for natural gas also turned up in August, rising 0.9 percent after falling in each of the 5 prior months.

The energy index increased 10.2 percent over the past year. The indexes for gasoline and fuel oil rose sharply, increasing 20.3 percent and 30.9 percent, respectively. The index for natural gas rose slightly over the past 12 months, increasing 0.1 percent, while the electricity index declined 0.5 percent.

All items less food and energy

The index for all items less food and energy increased 0.1 percent in August. The shelter index rose 0.3 percent in August, the same increase as in July. The rent index rose 0.4 percent and the index for owners' equivalent rent advanced 0.3 percent.

The index for airline fares increased 2.4 percent in August following a 2.7-percent increase in July. The index for used cars and trucks also continued to rise, advancing 0.4 percent in August after a 1.3-percent increase in July. The index for education also increased in August.

The apparel index declined in August, falling 1.6 percent, its third consecutive decline. The medical care index declined in August, falling 0.2 percent, the same decrease as in July. The indexes for physicians' services and hospital services both declined 0.1 percent, while the index for prescription drugs was unchanged. The index for communication fell 0.2 percent in August, and the indexes for recreation and for personal care both fell 0.1 percent. The indexes for new vehicles and for household furnishings and operations were both unchanged in August.

The index for all items less food and energy rose 2.2 percent over the past 12 months. The shelter index increased 3.4 percent over the last 12 months, and the medical care index rose 1.5 percent. The index for new vehicles rose 0.3 percent over the span, while the indexes for apparel and for airline fares both declined over the past 12 months.

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 2.7 percent over the last 12 months to an index level of 252.146 (1982-84=100). For the month, the index increased 0.1 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 2.9 percent over the last 12 months to an index level of 246.336 (1982-84=100). For the month, the index increased 0.1 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 2.5 percent over the last 12 months. For the month, the index was unchanged on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

The Consumer Price Index for September 2018 is scheduled to be released on Thursday, October 11, 2018, 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 5,000 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. 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 in January 2018, BLS adjusted 38 series using intervention analysis seasonal adjustment, including selected food and beverage items, motor fuels, and natural gas.

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. In January 2018, revised seasonal factors and seasonally adjusted indexes for 2013 to 2017 were calculated and published. For series which are directly adjusted using the Census X-13ARIMA-SEATS seasonal adjustment software, the seasonal factors for 2017 will be applied to data for 2018 to produce the seasonally adjusted 2018 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 2018.

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 <https://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, August 2018

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017	Jul. 2018	Aug. 2018	Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
All items.....	100.000	245.519	252.006	252.146	2.7	0.1	0.1	0.2	0.2
Food.....	13.224	250.493	253.746	254.077	1.4	0.1	0.2	0.1	0.1
Food at home.....	7.259	238.843	239.820	240.015	0.5	0.1	0.2	0.2	0.0
Cereals and bakery products.....	0.955	272.544	273.258	273.338	0.3	0.0	0.6	-0.2	0.0
Meats, poultry, fish, and eggs.....	1.610	247.985	250.042	250.743	1.1	0.3	-0.6	0.3	0.1
Dairy and related products.....	0.723	216.537	215.622	216.435	0.0	0.4	0.7	-0.6	0.1
Fruits and vegetables.....	1.279	295.009	297.632	297.644	0.9	0.0	0.5	1.0	-0.3
Nonalcoholic beverages and beverage materials.....	0.857	166.822	166.577	167.231	0.2	0.4	0.3	0.0	0.2
Other food at home.....	1.835	209.905	210.736	210.158	0.1	-0.3	0.1	0.1	0.0
Food away from home ¹	5.965	269.522	276.125	276.648	2.6	0.2	0.2	0.1	0.2
Energy.....	8.079	205.894	227.107	226.939	10.2	-0.1	-0.3	-0.5	1.9
Energy commodities.....	4.634	212.978	257.338	256.520	20.4	-0.3	0.6	-0.6	3.0
Fuel oil.....	0.117	226.590	296.602	296.617	30.9	0.0	2.9	1.2	2.2
Motor fuel.....	4.445	209.881	253.424	252.546	20.3	-0.3	0.6	-0.6	3.0
Gasoline (all types).....	4.351	209.000	252.232	251.367	20.3	-0.3	0.5	-0.6	3.0
Energy services.....	3.445	208.454	207.091	207.617	-0.4	0.3	-1.5	-0.4	0.4
Electricity.....	2.688	219.078	217.900	217.967	-0.5	0.0	-1.4	-0.4	0.3
Utility (piped) gas service.....	0.756	173.646	172.062	173.867	0.1	1.0	-1.7	-0.5	0.9
All items less food and energy.....	78.697	252.460	257.867	258.012	2.2	0.1	0.2	0.2	0.1
Commodities less food and energy commodities.....	19.582	143.895	143.861	143.599	-0.2	-0.2	0.0	0.1	-0.3
Apparel.....	3.006	124.147	122.831	122.447	-1.4	-0.3	-0.9	-0.3	-1.6
New vehicles.....	3.722	145.712	146.526	146.149	0.3	-0.3	0.4	0.3	0.0
Used cars and trucks.....	2.429	139.350	140.687	141.095	1.3	0.3	0.7	1.3	0.4
Medical care commodities.....	1.719	381.114	381.954	382.171	0.3	0.1	0.2	-1.1	-0.3
Alcoholic beverages.....	0.959	245.042	248.469	248.407	1.4	0.0	0.5	-0.1	0.0
Tobacco and smoking products.....	0.647	1,029.619	1,062.895	1,064.098	3.3	0.1	-0.4	0.1	0.1
Services less energy services.....	59.115	319.559	328.641	329.086	3.0	0.1	0.2	0.3	0.2
Shelter.....	32.811	299.157	308.393	309.296	3.4	0.3	0.1	0.3	0.3
Rent of primary residence.....	7.786	309.479	319.351	320.651	3.6	0.4	0.3	0.3	0.4
Owners' equivalent rent of residences ²	23.632	306.201	315.391	316.401	3.3	0.3	0.3	0.3	0.3
Medical care services.....	6.897	507.390	518.277	516.841	1.9	-0.3	0.5	0.1	-0.2
Physicians' services.....	1.729	378.990	380.404	380.143	0.3	-0.1	0.0	-0.2	-0.1
Hospital services ³	2.326	319.394	334.033	332.708	4.2	-0.4	0.8	0.4	-0.1
Transportation services.....	5.967	309.469	322.842	321.387	3.9	-0.5	0.2	0.5	0.3
Motor vehicle maintenance and repair ¹	1.110	280.488	286.067	286.931	2.3	0.3	0.3	0.1	0.3
Motor vehicle insurance.....	2.377	530.908	565.547	565.113	6.4	-0.1	0.3	0.2	0.0
Airline fares.....	0.702	259.359	264.994	255.877	-1.3	-3.4	-0.9	2.7	2.4

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, August 2018

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
All items.....	100.000	2.7	0.1	0.1	0.2	0.2
Food.....	13.224	1.4	0.1	0.2	0.1	0.1
Food at home.....	7.259	0.5	0.1	0.2	0.2	0.0
Cereals and bakery products.....	0.955	0.3	0.0	0.6	-0.2	0.0
Cereals and cereal products.....	0.310	0.1	0.3	0.3	-0.2	0.6
Flour and prepared flour mixes.....	0.041	0.3	-0.8	-0.1	-0.4	-0.3
Breakfast cereal ¹	0.148	-1.2	0.7	-0.2	-0.4	0.7
Rice, pasta, cornmeal ¹	0.120	1.4	0.3	1.3	0.5	0.3
Rice ^{1, 2, 3}		1.7	1.8	1.3	-0.7	1.8
Bakery products ¹	0.645	0.4	-0.1	0.8	-0.3	-0.1
Bread ^{1, 2}	0.190	0.5	0.4	-0.3	0.0	0.4
White bread ^{1, 3}		-0.1	0.3	-0.4	0.0	0.3
Bread other than white ^{1, 3}		1.1	0.2	-0.1	0.4	0.2
Fresh biscuits, rolls, muffins ²	0.091	2.3	0.4	1.3	-0.6	0.2
Cakes, cupcakes, and cookies.....	0.161	0.3	-0.9	2.2	-0.9	-1.0
Cookies ³		-1.4	-1.0	4.3	-1.7	-1.7
Fresh cakes and cupcakes ^{1, 3}		1.8	-0.8	0.1	-0.1	-0.8
Other bakery products.....	0.203	-0.6	-0.1	0.8	0.1	-0.6
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}		1.2	-1.1	-1.2	3.1	-1.1
Crackers, bread, and cracker products ³		-0.3	0.7	2.4	0.6	-0.3
Frozen and refrigerated bakery products, pies, tarts, turnovers ³		-2.0	-1.1	0.5	-1.5	-0.9
Meats, poultry, fish, and eggs.....	1.610	1.1	0.3	-0.6	0.3	0.1
Meats, poultry, and fish.....	1.515	0.3	0.3	-0.1	0.3	0.2
Meats.....	0.948	-0.3	0.4	-0.4	0.3	0.2
Beef and veal.....	0.435	0.8	-0.1	1.0	0.5	0.3
Uncooked ground beef ¹	0.172	-1.2	0.3	0.4	0.3	0.3
Uncooked beef roasts ^{1, 2}	0.063	4.4	-0.4	2.8	0.1	-0.4
Uncooked beef steaks ²	0.162	1.4	-0.3	0.0	1.7	-0.6
Uncooked other beef and veal ^{1, 2}	0.038	1.8	-0.3	1.4	-0.1	-0.3
Pork.....	0.297	-1.4	1.2	-1.1	-0.3	0.2
Bacon, breakfast sausage, and related products ²	0.133	-3.5	0.3	-1.4	1.1	-0.9
Bacon and related products ³		-5.9	1.8	-2.1	1.6	-0.2
Breakfast sausage and related products ^{2, 3}		0.1	-1.9	-0.7	0.9	-1.4
Ham.....	0.055	-3.2	-0.7	-0.1	-1.7	-2.2
Ham, excluding canned ³		-2.8	-1.1	-0.4	-1.6	-2.7
Pork chops ¹	0.043	3.1	2.8	0.4	-0.9	2.8
Other pork including roasts, steaks, and ribs ²	0.066	1.1	3.4	-1.5	-0.1	2.9
Other meats.....	0.216	-0.8	0.5	-2.0	0.8	-0.1
Frankfurters ³		-0.5	2.1	-1.4	-0.4	0.8
Lunchmeats ^{2, 3}		-1.4	-0.1	-1.7	0.9	-0.7
Lamb and organ meats ^{1, 3}						
Lamb and mutton ^{1, 2, 3}						
Poultry ¹	0.318	0.0	-1.0	0.2	0.6	-1.0
Chicken ^{1, 2}	0.261	0.4	-1.0	0.1	0.7	-1.0
Fresh whole chicken ^{1, 3}		1.9	-1.0	0.0	0.9	-1.0
Fresh and frozen chicken parts ^{1, 3}		0.2	-1.1	0.3	0.5	-1.1
Other uncooked poultry including turkey ²	0.057	-2.0	-0.8	0.2	0.3	-0.5
Fish and seafood.....	0.249	3.3	1.4	0.5	0.1	1.7
Fresh fish and seafood ²	0.128	4.4	1.9	1.3	-0.7	1.9
Processed fish and seafood ²	0.121	2.3	0.9	-0.3	0.3	1.4
Shelf stable fish and seafood ^{1, 3}		5.4	0.5	0.7	1.5	0.5

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
Frozen fish and seafood ³		0.2	1.3	-0.8	-0.6	2.0
Eggs.....	0.095	14.7	-0.1	-7.1	-0.2	-1.2
Dairy and related products.....	0.723	0.0	0.4	0.7	-0.6	0.1
Milk ^{1, 2}	0.197	-1.0	0.9	0.6	-0.8	0.9
Fresh whole milk ³		-1.2	0.5	0.8	-0.8	0.7
Fresh milk other than whole ^{2, 3}		-0.5	1.4	1.3	-1.9	1.0
Cheese and related products.....	0.238	-0.1	-0.4	1.4	-1.0	-0.6
Ice cream and related products.....	0.101	0.6	1.5	0.8	-0.2	0.3
Other dairy and related products ^{1, 2}	0.187	0.7	0.3	-0.5	1.1	0.3
Fruits and vegetables.....	1.279	0.9	0.0	0.5	1.0	-0.3
Fresh fruits and vegetables.....	1.009	1.2	-0.2	0.7	1.3	-0.7
Fresh fruits.....	0.545	1.3	-0.6	1.6	0.9	-1.4
Apples.....	0.078	-5.8	2.0	-4.4	1.7	0.4
Bananas ¹	0.080	0.5	-1.0	-0.4	0.8	-1.0
Citrus fruits ²	0.166	8.1	3.2	-0.7	0.2	2.0
Oranges, including tangerines ³		3.7	0.8	-0.6	-1.0	-1.5
Other fresh fruits ²	0.221	-0.1	-4.1	5.9	1.3	-4.6
Fresh vegetables.....	0.464	1.0	0.1	-0.3	1.9	0.2
Potatoes.....	0.079	1.3	0.1	1.4	0.4	-0.5
Lettuce.....	0.057	0.5	1.8	-3.5	6.3	1.4
Tomatoes ¹	0.076	0.8	-1.0	3.5	0.5	-1.0
Other fresh vegetables.....	0.251	1.0	0.1	-0.6	1.7	1.1
Processed fruits and vegetables ²	0.270	0.0	0.9	-0.1	-0.5	1.2
Canned fruits and vegetables ²	0.147	1.1	1.5	-0.2	-0.7	1.4
Canned fruits ^{2, 3}		-0.8	0.9	-1.1	-0.7	0.9
Canned vegetables ^{2, 3}		2.4	1.7	0.1	-0.5	1.4
Frozen fruits and vegetables ²	0.079	-2.9	-0.2	-0.4	0.4	0.1
Frozen vegetables ³		-2.4	0.5	-0.4	0.3	1.0
Other processed fruits and vegetables including dried ²	0.044	1.1	0.8	0.2	-1.1	1.9
Dried beans, peas, and lentils ^{1, 2, 3}		-1.9	0.7	-0.4	-1.2	0.7
Nonalcoholic beverages and beverage materials.....	0.857	0.2	0.4	0.3	0.0	0.2
Juices and nonalcoholic drinks ²	0.603	0.4	0.5	0.4	-0.2	0.2
Carbonated drinks.....	0.250	2.3	2.1	0.7	-1.1	2.2
Frozen noncarbonated juices and drinks ^{1, 2}	0.009	-3.1	-0.8	-0.6	0.7	-0.8
Nonfrozen noncarbonated juices and drinks ²	0.344	-0.9	-0.6	0.4	0.4	-0.8
Beverage materials including coffee and tea ²	0.253	-0.1	0.1	0.1	0.1	-0.1
Coffee.....	0.163	-0.9	0.1	0.3	-0.2	-0.2
Roasted coffee ³		-0.7	0.3	0.0	-0.2	0.5
Instant coffee ^{1, 3}		-4.3	0.1	-1.0	1.1	0.1
Other beverage materials including tea ^{1, 2}	0.090	1.4	-0.1	-1.0	1.7	-0.1
Other food at home.....	1.835	0.1	-0.3	0.1	0.1	0.0
Sugar and sweets ¹	0.275	-1.0	-0.1	0.2	-0.8	-0.1
Sugar and artificial sweeteners.....	0.042	-0.6	0.2	0.2	-0.4	-0.1
Candy and chewing gum ^{1, 2}	0.179	-0.6	0.2	0.0	-0.9	0.2
Other sweets ²	0.054	-2.4	-1.5	0.8	-0.6	-0.9
Fats and oils.....	0.215	-0.1	-0.3	-0.3	0.6	-0.4
Butter and margarine ²	0.061	-2.0	-0.7	0.1	0.3	-1.7
Butter ³		-1.6	-0.9	0.0	-0.2	-2.2
Margarine ³		-1.9	0.4	-0.2	0.7	-0.2
Salad dressing ²	0.051	-0.2	0.8	-0.8	0.8	1.3
Other fats and oils including peanut butter ²	0.103	1.1	-0.6	-0.1	0.8	-0.6
Peanut butter ^{1, 2, 3}		4.4	3.2	0.0	-2.9	3.2
Other foods.....	1.345	0.4	-0.3	0.1	0.2	0.1

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
Soups.....	0.084	0.4	-0.6	-0.1	0.1	1.1
Frozen and freeze dried prepared foods ¹	0.235	0.1	-0.3	0.1	0.0	-0.3
Snacks ¹	0.311	0.3	-0.3	0.1	0.6	-0.3
Spices, seasonings, condiments, sauces.....	0.270	0.7	0.2	0.2	-0.4	0.0
Salt and other seasonings and spices ^{2, 3}		0.2	-0.9	1.9	0.5	-1.4
Olives, pickles, relishes ^{1, 2, 3}		4.8	1.0	2.3	-0.4	1.0
Sauces and gravies ^{2, 3}		0.9	0.5	0.2	-2.0	0.2
Other condiments ³		-1.9	-1.6	0.9	-0.1	-2.3
Baby food ^{1, 2}	0.049	1.3	0.4	0.3	-0.7	0.4
Other miscellaneous foods ^{1, 2}	0.397	0.3	-0.6	-0.1	0.7	-0.6
Prepared salads ^{1, 3, 4}		1.5	1.6	0.0	0.0	1.6
Food away from home ¹	5.965	2.6	0.2	0.2	0.1	0.2
Full service meals and snacks ^{1, 2}	2.968	2.4	0.1	0.1	0.2	0.1
Limited service meals and snacks ^{1, 2}	2.532	2.7	0.3	0.2	0.0	0.3
Food at employee sites and schools ²	0.180	3.6	0.6	1.1	1.8	-1.2
Food at elementary and secondary schools ^{1, 3, 5}		3.2		0.1		
Food from vending machines and mobile vendors ^{1, 2}	0.090	3.1	0.2	1.2	0.3	0.2
Other food away from home ^{1, 2}	0.196	4.2	0.1	0.0	0.2	0.1
Energy.....	8.079	10.2	-0.1	-0.3	-0.5	1.9
Energy commodities.....	4.634	20.4	-0.3	0.6	-0.6	3.0
Fuel oil and other fuels.....	0.189	20.1	0.4	1.6	0.7	2.3
Fuel oil.....	0.117	30.9	0.0	2.9	1.2	2.2
Propane, kerosene, and firewood ⁶	0.072	6.9	0.9	-0.2	0.1	0.7
Motor fuel.....	4.445	20.3	-0.3	0.6	-0.6	3.0
Gasoline (all types).....	4.351	20.3	-0.3	0.5	-0.6	3.0
Gasoline, unleaded regular ³		20.6	-0.3	0.6	-1.3	3.8
Gasoline, unleaded midgrade ^{3, 7}		18.5	-0.4	0.8	-0.7	2.4
Gasoline, unleaded premium ³		18.1	-0.4	0.3	-0.8	2.9
Other motor fuels ²	0.094	25.9	-0.5	1.7	-0.2	0.4
Energy services.....	3.445	-0.4	0.3	-1.5	-0.4	0.4
Electricity.....	2.688	-0.5	0.0	-1.4	-0.4	0.3
Utility (piped) gas service.....	0.756	0.1	1.0	-1.7	-0.5	0.9
All items less food and energy.....	78.697	2.2	0.1	0.2	0.2	0.1
Commodities less food and energy commodities.....	19.582	-0.2	-0.2	0.0	0.1	-0.3
Household furnishings and supplies ⁸	3.344	-0.5	-0.3	-0.2	0.3	0.0
Window and floor coverings and other linens ^{1, 2}	0.257	-0.4	-0.3	-0.8	-0.6	-0.3
Floor coverings ^{1, 2}	0.055	2.5	1.1	-1.5	-1.7	1.1
Window coverings ^{1, 2}	0.046	-4.5	-2.4	-2.1	-0.5	-2.4
Other linens ^{1, 2}	0.156	-0.1	-0.2	-0.1	-0.2	-0.2
Furniture and bedding.....	0.878	-0.7	-0.3	0.2	-0.1	0.3
Bedroom furniture ¹	0.321	-1.9	-0.2	0.7	0.4	-0.2
Living room, kitchen, and dining room furniture ^{1, 2}	0.424	0.7	-0.3	-0.2	-1.1	-0.3
Other furniture ²	0.122	-2.4	-0.8	0.4	-0.8	-0.1
Infants' furniture ^{1, 3, 5}		-2.2	0.1	0.9	-0.6	0.1
Appliances ²	0.215	2.3	0.2	0.0	1.5	0.3
Major appliances ²	0.080	7.5	-0.3	0.2	3.5	-0.5
Laundry equipment ³		13.6	-1.2	1.8	0.3	-0.2
Other appliances ²	0.132	-0.3	0.5	0.2	0.2	0.8
Other household equipment and furnishings ²	0.500	-5.1	-1.1	-1.7	0.4	-0.7
Clocks, lamps, and decorator items ¹	0.275	-5.6	-1.4	-0.3	0.3	-1.4
Indoor plants and flowers ⁹	0.091	0.8	-0.1	-1.9	0.9	0.5
Dishes and flatware ^{1, 2}	0.054	-12.8	-1.4	-8.2	-1.0	-1.4
Nonelectric cookware and tableware ²	0.080	-4.4	-0.8	-2.6	-1.0	-1.1

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017- Aug. 2018	Jul. 2018- Aug. 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018	Jul. 2018- Aug. 2018
Tools, hardware, outdoor equipment and supplies ² . . .	0.664	0.1	-0.5	0.2	0.4	-0.2
Tools, hardware and supplies ^{1, 2}	0.196	0.1	-0.8	0.4	0.1	-0.8
Outdoor equipment and supplies ²	0.307	0.2	-0.4	-0.1	0.5	0.1
Housekeeping supplies ¹	0.832	1.3	0.1	0.3	0.6	0.1
Household cleaning products ²	0.329	1.8	0.0	0.4	0.4	0.4
Household paper products ^{1, 2}	0.219	1.0	0.5	0.0	1.4	0.5
Miscellaneous household products ^{1, 2}	0.283	1.0	-0.2	0.6	0.6	-0.2
Apparel	3.006	-1.4	-0.3	-0.9	-0.3	-1.6
Men's and boys' apparel	0.741	-1.4	-1.4	-0.1	0.6	-2.1
Men's apparel	0.584	-0.8	-1.6	0.1	1.7	-1.9
Men's suits, sport coats, and outerwear	0.103	-4.4	-0.6	-0.3	2.5	-2.8
Men's furnishings	0.155	6.0	0.4	0.3	5.3	0.2
Men's shirts and sweaters ²	0.168	-3.2	-3.3	0.5	0.7	-4.2
Men's pants and shorts	0.152	-3.2	-2.6	0.2	-2.4	-0.7
Boys' apparel	0.157	-3.4	-0.4	-2.2	-3.0	0.4
Women's and girls' apparel	1.207	-2.9	0.2	-1.4	-1.8	-1.7
Women's apparel	1.037	-2.9	0.1	-1.2	-2.0	-1.9
Women's outerwear	0.067	-10.3	2.5	0.5	-1.0	-5.5
Women's dresses	0.121	4.8	7.7	-3.5	0.8	0.6
Women's suits and separates ²	0.544	-5.4	-2.4	0.1	-2.9	-4.1
Women's underwear, nightwear, sportswear and accessories ²	0.293	-0.9	1.1	-3.4	0.9	1.6
Girls' apparel	0.170	-3.8	0.6	-2.6	-0.7	-1.0
Footwear	0.670	0.3	0.2	-0.4	1.1	-0.6
Men's footwear ¹	0.216	1.7	1.2	-2.1	1.3	1.2
Boys' and girls' footwear	0.160	4.6	1.0	-1.0	4.3	0.1
Women's footwear	0.294	-3.1	-0.9	1.5	-1.6	-2.4
Infants' and toddlers' apparel	0.135	5.2	-0.5	1.0	-2.4	-2.7
Jewelry and watches ⁶	0.253	-2.1	-0.8	-2.5	1.6	-2.0
Watches ^{1, 6}	0.098	-2.3	-0.8	-1.5	2.2	-0.8
Jewelry ⁶	0.155	-2.0	-0.8	-3.7	2.1	-2.4
Transportation commodities less motor fuel ⁸	6.643	0.8	0.0	0.5	0.7	0.1
New vehicles	3.722	0.3	-0.3	0.4	0.3	0.0
New cars and trucks ^{2, 3}		0.3	-0.3	0.4	0.3	0.0
New cars ³		0.5	-0.3	0.4	0.5	0.0
New trucks ^{3, 10}		0.0	-0.2	0.4	0.2	0.1
Used cars and trucks	2.429	1.3	0.3	0.7	1.3	0.4
Motor vehicle parts and equipment ¹	0.378	0.4	0.1	0.1	0.0	0.1
Tires ¹	0.223	-1.6	0.0	-0.7	-0.4	0.0
Vehicle accessories other than tires ^{1, 2}	0.156	3.4	0.3	1.3	0.6	0.3
Vehicle parts and equipment other than tires ^{1, 3}		3.3	0.0	0.9	1.0	0.0
Motor oil, coolant, and fluids ^{1, 3}		5.2	1.2	1.1	-0.5	1.2
Medical care commodities	1.719	0.3	0.1	0.2	-1.1	-0.3
Medicinal drugs ^{1, 8}	1.662	0.3	0.1	0.4	-0.8	0.1
Prescription drugs	1.321	0.8	0.2	0.3	-1.0	0.0
Nonprescription drugs ^{1, 8}	0.341	-1.6	-0.5	0.3	-0.6	-0.5
Medical equipment and supplies ^{1, 8}	0.057	0.3	-0.8	0.0	-0.2	-0.8
Recreation commodities ⁸	1.815	-2.7	-0.6	-0.2	0.2	-0.5
Video and audio products ⁸	0.238	-12.8	-1.1	-0.6	0.0	-1.1
Televisions	0.109	-18.0	-1.4	-0.7	0.4	-1.3
Other video equipment ²	0.027	-2.3	0.3	-0.6	-2.7	1.0
Audio equipment ¹	0.044	-14.1	-2.3	-1.3	0.6	-2.3
Recorded music and music subscriptions ^{1, 2}	0.050	-3.7	-0.6	-0.1	0.2	-0.6
Pets and pet products ¹	0.599	0.4	-0.1	0.1	-0.1	-0.1

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
Pet food ^{1, 2, 3}		-0.7	-0.3	0.1	-0.1	-0.3
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		1.8	0.3	0.2	-0.1	0.3
Sporting goods.....	0.497	0.7	-0.9	0.5	0.5	-0.5
Sports vehicles including bicycles ¹	0.287	3.8	-1.8	0.7	2.2	-1.8
Sports equipment.....	0.203	-3.1	0.4	0.5	-1.3	0.6
Photographic equipment and supplies.....	0.032	-5.5	2.2	-5.7	-0.6	1.0
Film and photographic supplies ^{1, 2, 3}						
Photographic equipment ^{2, 3}		-4.9	1.4	-4.8	-0.4	-0.1
Recreational reading materials ¹	0.115	4.0	0.2	-0.2	1.7	0.2
Newspapers and magazines ^{1, 2}	0.070	5.2	0.3	0.2	2.6	0.3
Recreational books ^{1, 2}	0.045	2.1	0.0	-0.8	0.3	0.0
Other recreational goods ²	0.334	-7.6	-1.2	-0.7	0.1	-1.1
Toys.....	0.263	-9.3	-1.5	-1.1	0.0	-1.4
Toys, games, hobbies and playground equipment ^{1, 3}		-9.4	-1.8	-1.0	0.7	-1.8
Sewing machines, fabric and supplies ^{1, 2}	0.024	2.5	-1.8	1.8	-0.1	-1.8
Music instruments and accessories ^{1, 2}	0.036	-0.1	1.6	0.1	1.0	1.6
Education and communication commodities ⁸	0.545	-3.1	0.0	-0.9	-0.9	0.1
Educational books and supplies.....	0.133	1.0	-1.1	-1.6	0.3	-2.1
College textbooks ^{1, 3, 11}		0.5	-1.2	-1.3	0.5	-1.2
Information technology commodities ⁸	0.413	-4.5	0.3	-0.6	-1.2	0.8
Personal computers and peripheral equipment ⁴	0.309	-4.4	0.9	-0.7	-2.0	1.4
Computer software and accessories ^{1, 2}	0.024	-3.7	0.1	0.3	1.2	0.1
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.079	-4.9	-1.6	-0.6	1.0	-1.6
Alcoholic beverages.....	0.959	1.4	0.0	0.5	-0.1	0.0
Alcoholic beverages at home.....	0.596	1.1	-0.1	0.7	-0.3	-0.1
Beer, ale, and other malt beverages at home.....	0.264	1.2	-0.1	0.8	-0.3	0.0
Distilled spirits at home.....	0.080	0.4	0.5	-0.1	0.4	0.3
Whiskey at home ^{1, 3}		0.1	0.4	0.8	1.1	0.4
Distilled spirits, excluding whiskey, at home ^{1, 3}		0.2	0.5	-0.9	0.4	0.5
Wine at home.....	0.252	1.1	-0.2	0.7	-0.4	-0.4
Alcoholic beverages away from home ¹	0.364	1.9	0.1	0.4	0.0	0.1
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		1.5	-0.1	0.3	0.1	-0.1
Wine away from home ^{1, 2, 3}		3.1	0.8	0.6	0.2	0.8
Distilled spirits away from home ^{1, 2, 3}		1.4	-0.4	0.1	-0.2	-0.4
Other goods ⁸	1.549	1.1	-0.2	-0.4	0.0	0.0
Tobacco and smoking products.....	0.647	3.3	0.1	-0.4	0.1	0.1
Cigarettes ²	0.573	3.3	0.0	-0.5	0.1	0.1
Tobacco products other than cigarettes ^{1, 2}	0.059	4.2	1.0	0.7	0.2	1.0
Personal care products ¹	0.689	0.4	0.0	-0.4	0.1	0.0
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.378	1.3	0.5	0.1	0.1	0.5
Cosmetics, perfume, bath, nail preparations and implements ¹	0.304	-0.7	-0.5	-0.9	0.1	-0.5
Miscellaneous personal goods ²	0.214	-3.3	-1.8	-0.6	-0.4	-0.7
Stationery, stationery supplies, gift wrap ³		0.6	-2.6	0.4	0.2	-1.8
Infants' equipment ^{1, 3, 5}		-6.0	0.0	-3.3	-1.2	0.0
Services less energy services.....	59.115	3.0	0.1	0.2	0.3	0.2
Shelter.....	32.811	3.4	0.3	0.1	0.3	0.3
Rent of shelter ¹²	32.436	3.4	0.3	0.1	0.3	0.3
Rent of primary residence.....	7.786	3.6	0.4	0.3	0.3	0.4
Lodging away from home ²	1.019	2.4	-1.2	-3.7	0.4	0.6

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
Housing at school, excluding board ¹²	0.112	2.5	1.2	0.2	0.1	0.5
Other lodging away from home including hotels and motels.....	0.907	2.1	-1.5	-4.1	0.4	0.6
Owners' equivalent rent of residences ¹²	23.632	3.3	0.3	0.3	0.3	0.3
Owners' equivalent rent of primary residence ¹² ..	22.313	3.3	0.3	0.3	0.3	0.3
Tenants' and household insurance ^{1, 2}	0.375	1.7	0.1	0.2	0.6	0.1
Water and sewer and trash collection services ²	1.075	3.8	0.5	0.4	0.2	0.3
Water and sewerage maintenance.....	0.813	3.4	0.4	0.4	0.3	0.1
Garbage and trash collection ^{1, 10}	0.262	4.8	1.0	0.5	0.1	1.0
Household operations ^{1, 2}	0.872	5.6	0.0	0.3	0.4	0.0
Domestic services ^{1, 2}	0.298	0.0	0.0	-0.7	0.1	0.0
Gardening and lawncare services ^{1, 2}	0.289	8.9	0.9	1.1	0.2	0.9
Moving, storage, freight expense ²	0.102	6.5	-0.3	-1.4	1.2	-0.6
Repair of household items ^{1, 2}	0.108	4.6	-2.5	0.1	0.9	-2.5
Medical care services.....	6.897	1.9	-0.3	0.5	0.1	-0.2
Professional services.....	3.248	0.8	-0.3	0.1	-0.1	-0.3
Physicians' services.....	1.729	0.3	-0.1	0.0	-0.2	-0.1
Dental services.....	0.787	2.1	-0.9	0.3	-0.2	-0.8
Eyeglasses and eye care ^{1, 6}	0.316	1.2	0.1	0.2	0.2	0.1
Services by other medical professionals ^{1, 6}	0.417	0.6	-0.1	0.1	0.0	-0.1
Hospital and related services.....	2.603	4.1	-0.3	0.7	0.4	0.0
Hospital services ¹³	2.326	4.2	-0.4	0.8	0.4	-0.1
Inpatient hospital services ^{13, 3}		3.6	-0.4	0.8	0.3	-0.3
Outpatient hospital services ^{3, 6}		3.8	-0.6	0.8	0.4	-0.3
Nursing homes and adult day services ¹³	0.190	3.8	0.7	0.2	0.2	0.6
Care of invalids and elderly at home ^{1, 5}	0.086	2.0	1.0	0.2	0.8	1.0
Health insurance ^{1, 5}	1.046	-0.3	-0.3	0.1	-0.2	-0.3
Transportation services.....	5.967	3.9	-0.5	0.2	0.5	0.3
Leased cars and trucks ^{1, 11}	0.654	7.0	0.0	1.6	0.7	0.0
Car and truck rental ²	0.129	-6.1	-2.9	1.5	1.7	-1.7
Motor vehicle maintenance and repair ¹	1.110	2.3	0.3	0.3	0.1	0.3
Motor vehicle body work ¹	0.055	3.3	0.6	0.0	0.0	0.6
Motor vehicle maintenance and servicing ¹	0.624	2.8	0.4	0.3	0.2	0.4
Motor vehicle repair ^{1, 2}	0.368	1.4	0.2	0.3	0.0	0.2
Motor vehicle insurance.....	2.377	6.4	-0.1	0.3	0.2	0.0
Motor vehicle fees ^{1, 2}	0.538	1.7	0.3	-0.3	0.1	0.3
State motor vehicle registration and license fees ^{1, 2}	0.278	1.4	0.4	0.0	0.0	0.4
Parking and other fees ^{1, 2}	0.243	1.9	0.2	-0.7	0.1	0.2
Parking fees and tolls ^{2, 3}		1.6	0.4	0.3	-0.2	0.3
Automobile service clubs ^{1, 2, 3}			0.0	-0.5	0.6	0.0
Public transportation.....	1.158	-0.1	-2.3	-0.8	1.7	1.3
Airline fares.....	0.702	-1.3	-3.4	-0.9	2.7	2.4
Other intercity transportation.....	0.170	-0.5	-1.9	-1.3	0.0	-1.5
Intercity bus fare ^{1, 3, 4}		-2.5	-5.4			-5.4
Intercity train fare ^{1, 3, 4}						
Ship fare ^{1, 2, 3}		0.0	-0.8	-0.4	0.4	-0.8
Intracity transportation ¹	0.278	2.6	0.3	-1.0	0.4	0.3
Intracity mass transit ^{1, 3, 8}		3.9	0.0	0.1	0.4	0.0
Recreation services ⁸	3.841	1.4	-0.1	0.4	0.1	0.1
Video and audio services ⁸	1.577	0.9	0.2	-0.1	0.1	0.7
Cable and satellite television service ¹⁰	1.491	1.0	0.3	0.0	0.2	0.9
Video djscs and other media, including rental of video ^{1, 2}	0.087	-0.3	-2.5	-1.3	-0.4	-2.5

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
Video discs and other media ^{1, 2, 3}		-3.9	-3.9	-2.5	-0.9	-3.9
Rental of video discs and other media ^{1, 2, 3}		3.4	0.1	-0.2	0.4	0.1
Pet services including veterinary ²	0.411	2.1	-0.2	0.3	0.1	-0.1
Pet services ^{1, 2, 3}		1.2	-0.7	0.1	-1.2	-0.7
Veterinarian services ^{2, 3}		2.2	0.0	0.3	0.3	0.1
Photographers and photo processing ^{1, 2}	0.038	-1.1	0.7	0.2	-0.1	0.7
Photographer fees ^{1, 2, 3}		0.8	0.0	0.3	0.0	0.0
Photo processing ^{1, 2, 3}		-6.1	1.6	0.5	-0.1	1.6
Other recreation services ²	1.813	1.7	-0.4	0.8	0.2	-0.3
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{1, 2}	0.664	2.3	0.5	0.1	0.1	0.5
Admissions.....	0.664	1.2	-1.5	1.8	0.3	-1.4
Admission to movies, theaters, and concerts ^{1, 2, 3}		1.3	-0.7	1.0	0.3	-0.7
Admission to sporting events ^{1, 2, 3}		3.1	-1.1	2.9	-0.3	-1.1
Fees for lessons or instructions ^{1, 6}	0.214	1.7	-0.2	-0.1	-0.3	-0.2
Education and communication services ⁸	6.021	1.6	0.5	0.3	0.4	0.2
Tuition, other school fees, and childcare.....	2.847	2.8	1.3	0.3	0.3	0.7
College tuition and fees.....	1.576	2.7	1.4	0.3	0.5	0.5
Elementary and high school tuition and fees.....	0.327	4.8	2.0	0.4	0.6	1.1
Child care and nursery school ⁹	0.794	2.0	0.9	0.4	-0.2	0.7
Technical and business school tuition and fees ²	0.032	2.3	0.4	0.2	0.7	0.0
Postage and delivery services ²	0.108	2.5	0.0	0.2	0.2	0.2
Postage.....	0.094	2.0	0.0	0.2	0.2	0.2
Delivery services ²	0.014	7.2	0.1	0.4	0.8	0.2
Telephone services ^{1, 2}	2.277	0.4	-0.4	0.0	0.1	-0.4
Wireless telephone services ^{1, 2}	1.704	0.2	-0.4	0.0	0.0	-0.4
Land-line telephone services ^{1, 8}	0.573	1.1	-0.2	0.3	0.6	-0.2
Internet services and electronic information providers ²	0.781	0.7	-0.2	1.3	1.3	0.0
Other personal services ^{1, 8}	1.632	3.3	0.1	0.3	0.1	0.1
Personal care services ¹	0.624	2.4	-0.1	0.8	0.1	-0.1
Haircuts and other personal care services ^{1, 2}	0.624	2.4	-0.1	0.8	0.1	-0.1
Miscellaneous personal services.....	1.007	3.8	0.2	-0.1	0.2	0.2
Legal services ^{1, 6}	0.304	4.3	0.0	0.0	-0.1	0.0
Funeral expenses ^{1, 6}	0.127	1.9	0.3	0.2	0.3	0.3
Laundry and dry cleaning services ^{1, 2}	0.237	2.6	0.3	0.3	0.1	0.3
Apparel services other than laundry and dry cleaning ^{1, 2}	0.028	2.1	0.7	0.7	0.8	0.7
Financial services ⁶	0.240	5.5	0.1	-0.4	0.2	0.4
Checking account and other bank services ^{1, 2, 3}		10.0	0.1	0.0	0.0	0.1
Tax return preparation and other accounting fees ^{2, 3}		5.9	-0.2	0.0	0.6	0.2

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, August 2018

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Jul. 2018	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2017	Jul. 2018	Aug. 2018	Aug. 2017-Aug. 2018	Jul. 2018-Aug. 2018	May 2018-Jun. 2018	Jun. 2018-Jul. 2018	Jul. 2018-Aug. 2018
All items less food.....	86.776	244.740	251.716	251.827	2.9	0.0	0.1	0.2	0.2
All items less shelter.....	67.189	227.274	232.755	232.615	2.4	-0.1	0.1	0.1	0.2
All items less food and shelter.....	53.965	221.191	227.132	226.890	2.6	-0.1	0.1	0.1	0.2
All items less food, shelter, and energy.....	45.887	226.459	229.748	229.489	1.3	-0.1	0.2	0.2	-0.1
All items less food, shelter, energy, and used cars and trucks.....	43.458	231.773	235.146	234.829	1.3	-0.1	0.1	0.1	-0.1
All items less medical care.....	91.384	234.419	240.812	241.006	2.8	0.1	0.1	0.2	0.3
All items less energy.....	91.921	251.467	256.545	256.717	2.1	0.1	0.2	0.2	0.1
Commodities.....	37.440	180.763	185.531	185.366	2.5	-0.1	0.1	0.0	0.2
Commodities less food, energy, and used cars and trucks.....	17.153	145.074	144.792	144.432	-0.4	-0.2	-0.1	0.0	-0.4
Commodities less food.....	24.216	149.711	154.761	154.439	3.2	-0.2	0.1	0.0	0.3
Commodities less food and beverages.....	23.257	146.433	151.492	151.165	3.2	-0.2	0.1	0.0	0.3
Services.....	62.560	309.334	317.482	317.932	2.8	0.1	0.1	0.3	0.2
Services less rent of shelter ¹	30.124	330.451	337.460	337.384	2.1	0.0	0.1	0.1	0.1
Services less medical care services.....	55.663	294.305	302.229	302.815	2.9	0.2	0.1	0.2	0.3
Durables.....	9.989	104.900	104.864	104.669	-0.2	-0.2	0.2	0.5	0.1
Nondurables.....	27.451	219.112	227.018	226.897	3.6	-0.1	0.0	0.2	0.0
Nondurables less food.....	14.227	192.537	203.811	203.356	5.6	-0.2	0.0	0.2	0.0
Nondurables less food and beverages.....	13.268	189.272	200.994	200.517	5.9	-0.2	0.0	0.2	0.0
Nondurables less food, beverages, and apparel.....	10.262	234.055	254.009	253.462	8.3	-0.2	-1.0	0.5	1.3
Nondurables less food and apparel.....	11.221	233.906	252.330	251.828	7.7	-0.2	-0.8	0.5	1.1
Housing.....	41.736	252.615	259.268	259.884	2.9	0.2	0.0	0.2	0.3
Education and communication ²	6.566	135.702	136.770	137.336	1.2	0.4	0.2	0.2	0.2
Education ²	2.979	253.805	257.477	260.613	2.7	1.2	0.2	0.3	0.5
Communication ²	3.587	74.011	74.171	73.983	0.0	-0.3	0.2	0.2	-0.2
Information and information processing ²	3.479	70.161	70.267	70.083	-0.1	-0.3	0.2	0.2	-0.2
Information technology, hardware and services ³	1.203	7.574	7.481	7.481	-1.2	0.0	0.6	0.4	0.2
Recreation ²	5.656	118.875	119.272	118.972	0.1	-0.3	0.2	0.2	-0.1
Video and audio ²	1.815	104.861	103.973	103.991	-0.8	0.0	-0.1	0.1	0.5
Pets, pet products and services ²	1.011	170.757	172.700	172.538	1.0	-0.1	0.2	0.0	-0.1
Photography ²	0.072	76.312	72.913	73.934	-3.1	1.4	-2.5	-0.3	0.9
Food and beverages.....	14.183	250.212	253.476	253.779	1.4	0.1	0.2	0.1	0.1
Domestically produced farm food.....	6.073	247.082	248.112	248.105	0.4	0.0	0.1	0.2	-0.1
Other services.....	11.494	347.624	353.050	353.802	1.8	0.2	0.3	0.3	0.1
Apparel less footwear.....	2.337	116.968	115.346	114.812	-1.8	-0.5	-1.0	-0.7	-1.9
Fuels and utilities.....	4.709	241.936	244.269	245.052	1.3	0.3	-0.9	-0.2	0.5
Household energy.....	3.634	203.169	203.747	204.275	0.5	0.3	-1.3	-0.3	0.6
Medical care.....	8.616	476.869	485.193	484.172	1.5	-0.2	0.4	-0.2	-0.2
Transportation.....	17.055	200.652	214.039	213.482	6.4	-0.3	0.4	0.3	0.9
Private transportation.....	15.897	196.210	209.959	209.725	6.9	-0.1	0.5	0.2	0.9
New and used motor vehicles ²	7.049	98.772	100.071	99.985	1.2	-0.1	0.6	0.7	0.1
Utilities and public transportation.....	9.445	217.301	218.686	218.312	0.5	-0.2	-0.5	0.0	0.3
Household furnishings and operations.....	4.216	120.236	121.480	121.138	0.8	-0.3	-0.1	0.3	0.0
Other goods and services.....	3.181	433.328	443.170	442.934	2.2	-0.1	-0.1	0.0	0.0
Personal care.....	2.534	227.105	231.655	231.433	1.9	-0.1	0.0	0.0	-0.1

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, August 2018
 [1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Aug. 2018 from:			Percent change to Jul. 2018 from:		
		Aug. 2017	Jun. 2018	Jul. 2018	Jul. 2017	May 2018	Jun. 2018
U.S. city average.....	M	2.7	0.1	0.1	2.9	0.2	0.0
Region and area size²							
Northeast.....	M	2.7	0.2	0.2	2.7	0.0	0.0
Northeast - Size Class A.....	M	2.3	0.2	0.1	2.4	0.1	0.0
Northeast - Size Class B/C ³	M	3.4	0.2	0.3	3.4	-0.1	-0.1
New England ⁴	M		0.0	-0.1		-0.1	0.0
Middle Atlantic ⁴	M		0.3	0.3		0.0	-0.1
Midwest.....	M	2.1	-0.1	0.0	2.4	0.1	0.0
Midwest - Size Class A.....	M	2.0	-0.2	-0.1	2.3	0.2	-0.1
Midwest - Size Class B/C ³	M	1.9	0.0	0.0	2.2	0.1	0.0
East North Central ⁴	M		-0.2	0.0		0.0	-0.1
West North Central ⁴	M		0.1	0.0		0.5	0.1
South.....	M	2.4	-0.1	-0.1	2.9	0.2	0.0
South - Size Class A.....	M	2.7	-0.1	0.0	3.2	0.3	0.0
South - Size Class B/C ³	M	2.3	-0.1	-0.1	2.8	0.2	0.0
South Atlantic ⁴	M		0.0	0.0		0.2	0.0
East South Central ⁴	M		-0.2	-0.2		0.1	0.0
West South Central ⁴	M		-0.2	-0.1		0.3	-0.1
West.....	M	3.6	0.3	0.2	3.6	0.3	0.1
West - Size Class A.....	M	3.8	0.3	0.1	3.9	0.4	0.2
West - Size Class B/C ³	M	3.0	0.2	0.2	3.2	0.2	-0.1
Mountain ⁴	M		-0.1	0.0		0.0	-0.1
Pacific ⁴	M		0.4	0.2		0.4	0.2
Size classes							
Size Class A ⁵	M	2.8	0.1	0.0	3.0	0.2	0.0
Size Class B/C ³	M	2.5	0.0	0.1	2.8	0.1	0.0
Selected local areas							
Chicago-Naperville-Elgin, IL-IN-WI.....	M	1.7	-0.2	0.1	1.9	-0.4	-0.3
Los Angeles-Long Beach-Anaheim, CA.....	M	3.9	0.4	0.2	3.9	-0.1	0.2
New York-Newark-Jersey City, NY-NJ-PA.....	M	2.2	0.1	0.1	2.2	0.0	0.0
Atlanta-Sandy Springs-Roswell, GA.....	2	2.2	0.3				
Baltimore-Columbia-Towson, MD ⁶	2		0.1				
Detroit-Warren-Dearborn, MI.....	2	2.8	-0.6				
Houston-The Woodlands-Sugar Land, TX.....	2	2.3	-0.5				
Miami-Fort Lauderdale-West Palm Beach, FL.....	2	3.6	-0.3				
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	2	1.7	0.3				
Phoenix-Mesa-Scottsdale, AZ ⁷	2		-0.2				
San Francisco-Oakland-Hayward, CA.....	2	4.3	0.6				
Seattle-Tacoma-Bellevue, WA.....	2	3.1	-0.3				
St. Louis, MO-IL.....	2		-0.2				
Urban Alaska.....	2		0.1				
Boston-Cambridge-Newton, MA-NH.....	1				3.4	0.3	
Dallas-Fort Worth-Arlington, TX.....	1				3.5	-0.2	
Denver-Aurora-Lakewood, CO.....	1					-0.2	
Minneapolis-St.Paul-Bloomington, MN-WI.....	1					0.3	
Riverside-San Bernardino-Ontario, CA ⁴	1					0.2	
San Diego-Carlsbad, CA.....	1					2.1	
Tampa-St. Petersburg-Clearwater, FL ⁸	1					0.3	
Urban Hawaii.....	1					0.4	
Washington-Arlington-Alexandria, DC-VA-MD-WV ⁶	1				2.5	0.1	

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

² Regions defined as the four Census regions.

³ Indexes on a December 1996=100 base.

⁴ Indexes on a December 2017=100 base.

⁵ Indexes on a December 1986=100 base.

⁶ 1998 - 2017 indexes based on substantially smaller sample.

⁷ Indexes on a December 2001=100 base.

⁸ Indexes on a 1987=100 base.

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

Table 5. Chained Consumer Price Index for All Urban Consumers (C-CPI-U) and the Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items index, August 2018
 [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
January 2016.....	0.1	0.2	1.1	1.4
February 2016.....	0.0	0.1	0.7	1.0
March 2016.....	0.5	0.4	0.5	0.9
April 2016.....	0.5	0.5	0.8	1.1
May 2016.....	0.4	0.4	0.7	1.0
June 2016.....	0.3	0.3	0.7	1.0
July 2016.....	-0.2	-0.2	0.5	0.8
August 2016.....	0.0	0.1	0.7	1.1
September 2016.....	0.2	0.2	1.1	1.5
October 2016.....	0.2	0.1	1.3	1.6
November 2016.....	-0.2	-0.2	1.4	1.7
December 2016.....	0.0	0.0	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	1.8	2.2
March 2018.....	0.2	0.2	2.0	2.4
April 2018.....	0.4	0.4	2.1	2.5
May 2018.....	0.4	0.4	2.4	2.8
June 2018.....	0.1	0.2	2.5	2.9
July 2018.....	0.0 ^r	0.0	2.7 ^r	2.9
August 2018.....	0.0 ^r	0.1	2.5	2.7

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 being issued first in preliminary form using the latest available expenditure data at that time and is subject to two revisions.

r Revised

NOTE: Revised index for C-CPI-U: Jul. 2018=142.520. Associated calculations, including percent change, may also have changed.

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, August 2018, 1-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items.....	100.000	0.2		0.03	–	–
Food.....	13.224	0.1	0.012	0.06	–	–
Food at home.....	7.259	0.0	0.001	0.10	S-May 2018	-0.2
Cereals and bakery products.....	0.955	0.0	0.000	0.25	L-Jun.2018	0.6
Cereals and cereal products.....	0.310	0.6	0.002	0.42	L-Feb.2016	1.0
Flour and prepared flour mixes.....	0.041	-0.3	0.000	0.66	L-Jun.2018	-0.1
Breakfast cereal ⁴	0.148	0.7	0.001	0.68	L-Feb.2016	1.5
Rice, pasta, cornmeal ⁴	0.120	0.3	0.000	0.76	S-May 2018	-0.7
Rice ^{4, 5, 6}		1.8		1.21	L-Jan.2018	1.9
Bakery products ⁴	0.645	-0.1	-0.001	0.28	L-Jun.2018	0.8
Bread ^{4, 5}	0.190	0.4	0.001	0.48	L-May 2018	1.5
White bread ^{4, 6}		0.3		0.59	L-May 2018	1.7
Bread other than white ^{4, 6}		0.2		0.81	S-Jun.2018	-0.1
Fresh biscuits, rolls, muffins ⁵	0.091	0.2	0.000	0.71	L-Jun.2018	1.3
Cakes, cupcakes, and cookies.....	0.161	-1.0	-0.002	0.58	S-Apr.2015	-1.5
Cookies ⁶		-1.7		0.93	–	–
Fresh cakes and cupcakes ^{4, 6}		-0.8		0.69	S-Aug.2017	-1.0
Other bakery products.....	0.203	-0.6	-0.001	0.53	S-Oct.2017	-0.9
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		-1.1		0.74	S-Jun.2018	-1.2
Crackers, bread, and cracker products ⁶		-0.3		0.95	S-May 2018	-1.7
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		-0.9		0.71	L-Jun.2018	0.5
Meats, poultry, fish, and eggs.....	1.610	0.1	0.001	0.20	S-Jun.2018	-0.6
Meats, poultry, and fish.....	1.515	0.2	0.003	0.21	S-Jun.2018	-0.1
Meats.....	0.948	0.2	0.001	0.25	S-Jun.2018	-0.4
Beef and veal.....	0.435	0.3	0.001	0.34	S-May 2018	-1.4
Uncooked ground beef ⁴	0.172	0.3	0.001	0.53	–	–
Uncooked beef roasts ^{4, 5}	0.063	-0.4	0.000	1.03	S-Jan.2018	-1.2
Uncooked beef steaks ⁵	0.162	-0.6	-0.001	0.63	S-May 2018	-1.0
Uncooked other beef and veal ^{4, 5}	0.038	-0.3	0.000	0.86	S-Oct.2017	-1.2
Pork.....	0.297	0.2	0.000	0.55	L-Mar.2018	0.3
Bacon, breakfast sausage, and related products ⁵	0.133	-0.9	-0.001	0.68	S-Jun.2018	-1.4
Bacon and related products ⁶		-0.2		1.01	S-Jun.2018	-2.1
Breakfast sausage and related products ^{5, 6}		-1.4		1.08	S-Oct.2016	-1.6
Ham.....	0.055	-2.2	-0.001	1.44	S-Jun.2015	-2.5
Ham, excluding canned ⁶		-2.7		1.40	S-Jun.2015	-2.8
Pork chops ⁴	0.043	2.8	0.001	1.37	L-Apr.2018	2.9
Other pork including roasts, steaks, and ribs ⁵	0.066	2.9	0.002	1.19	L-Apr.2014	6.0
Other meats.....	0.216	-0.1	0.000	0.54	S-Jun.2018	-2.0
Frankfurters ⁶		0.8		1.43	L-Apr.2018	3.8
Lunchmeats ^{5, 6}		-0.7		0.54	S-Jun.2018	-1.7
Lamb and organ meats ^{4, 6}						
Lamb and mutton ^{4, 5, 6}						
Poultry ⁴	0.318	-1.0	-0.003	0.52	S-Jan.2018	-1.3
Chicken ^{4, 5}	0.261	-1.0	-0.003	0.62	S-Jan.2018	-1.5
Fresh whole chicken ^{4, 6}		-1.0		1.14	S-Apr.2017	-1.9
Fresh and frozen chicken parts ^{4, 6}		-1.1		0.71	S-Jan.2018	-2.0
Other uncooked poultry including turkey ⁵	0.057	-0.5	0.000	0.89	S-Mar.2018	-1.5
Fish and seafood.....	0.249	1.7	0.004	0.51	L-May 2017	1.8
Fresh fish and seafood ⁵	0.128	1.9	0.002	0.75	L-Aug.2015	2.2
Processed fish and seafood ⁵	0.121	1.4	0.002	0.64	L-Mar.2018	2.0

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 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}		0.5		1.05	S-May 2018	0.5
Frozen fish and seafood ⁶		2.0		1.10	L-Oct.2017	2.2
Eggs.....	0.095	-1.2	-0.001	0.90	S-Jun.2018	-7.1
Dairy and related products.....	0.723	0.1	0.001	0.28	L-Jun.2018	0.7
Milk ^{4, 5}	0.197	0.9	0.002	0.38	L-Dec.2016	1.3
Fresh whole milk ⁶		0.7		0.56	L-Jun.2018	0.8
Fresh milk other than whole ^{5, 6}		1.0		0.51	L-Jun.2018	1.3
Cheese and related products.....	0.238	-0.6	-0.001	0.51	L-Jun.2018	1.4
Ice cream and related products.....	0.101	0.3	0.000	0.75	L-Jun.2018	0.8
Other dairy and related products ^{4, 5}	0.187	0.3	0.000	0.56	S-Jun.2018	-0.5
Fruits and vegetables.....	1.279	-0.3	-0.004	0.30	S-May 2018	-0.3
Fresh fruits and vegetables.....	1.009	-0.7	-0.007	0.36	S-Mar.2018	-0.7
Fresh fruits.....	0.545	-1.4	-0.008	0.45	S-Mar.2016	-2.2
Apples.....	0.078	0.4	0.000	1.15	S-Jun.2018	-4.4
Bananas ⁴	0.080	-1.0	-0.001	0.64	S-Apr.2018	-1.0
Citrus fruits ⁵	0.166	2.0	0.003	0.75	L-Nov.2017	2.8
Oranges, including tangerines ⁶		-1.5		1.25	S-Mar.2018	-2.7
Other fresh fruits ⁵	0.221	-4.6	-0.011	0.73	S-Mar.2016	-5.1
Fresh vegetables.....	0.464	0.2	0.001	0.56	S-Jun.2018	-0.3
Potatoes.....	0.079	-0.5	0.000	1.22	S-Mar.2018	-1.1
Lettuce.....	0.057	1.4	0.001	1.62	S-Jun.2018	-3.5
Tomatoes ⁴	0.076	-1.0	-0.001	1.10	S-May 2018	-4.1
Other fresh vegetables.....	0.251	1.1	0.003	0.69	S-Jun.2018	-0.6
Processed fruits and vegetables ⁵	0.270	1.2	0.003	0.44	L-Apr.2018	1.4
Canned fruits and vegetables ⁵	0.147	1.4	0.002	0.65	L-Apr.2018	1.5
Canned fruits ^{5, 6}		0.9		0.78	L-Apr.2018	4.3
Canned vegetables ^{5, 6}		1.4		0.77	L-Jan.2018	3.1
Frozen fruits and vegetables ⁵	0.079	0.1	0.000	0.83	S-Jun.2018	-0.4
Frozen vegetables ⁶		1.0		1.00	L-Oct.2017	2.0
Other processed fruits and vegetables including dried ⁵	0.044	1.9	0.001	0.76	L-Apr.2018	2.7
Dried beans, peas, and lentils ^{4, 5, 6}		0.7		0.80	L-Apr.2018	2.0
Nonalcoholic beverages and beverage materials.....	0.857	0.2	0.002	0.36	L-Jun.2018	0.3
Juices and nonalcoholic drinks ⁵	0.603	0.2	0.001	0.41	L-Jun.2018	0.4
Carbonated drinks.....	0.250	2.2	0.005	0.77	L-Jan.2011	3.1
Frozen noncarbonated juices and drinks ^{4, 5}	0.009	-0.8	0.000	0.73	S-Nov.2017	-0.8
Nonfrozen noncarbonated juices and drinks ⁵	0.344	-0.8	-0.003	0.51	S-Feb.2018	-1.0
Beverage materials including coffee and tea ⁵	0.253	-0.1	0.000	0.61	S-Apr.2018	-0.8
Coffee.....	0.163	-0.2	0.000	0.77	—	—
Roasted coffee ⁶		0.5		1.08	L-May 2018	0.5
Instant coffee ^{4, 6}		0.1		0.71	S-Jun.2018	-1.0
Other beverage materials including tea ^{4, 5}	0.090	-0.1	0.000	0.99	S-Jun.2018	-1.0
Other food at home.....	1.835	0.0	0.000	0.20	S-May 2018	-0.2
Sugar and sweets ⁴	0.275	-0.1	0.000	0.49	L-Jun.2018	0.2
Sugar and artificial sweeteners.....	0.042	-0.1	0.000	0.67	L-Jun.2018	0.2
Candy and chewing gum ^{4, 5}	0.179	0.2	0.000	0.69	L-May 2018	0.5
Other sweets ⁵	0.054	-0.9	-0.001	0.84	S-May 2018	-2.0
Fats and oils.....	0.215	-0.4	-0.001	0.44	S-May 2018	-0.7
Butter and margarine ⁵	0.061	-1.7	-0.001	0.88	S-May 2016	-2.8
Butter ⁶		-2.2		1.01	S-May 2016	-3.1
Margarine ⁶		-0.2		0.98	S-Jun.2018	-0.2
Salad dressing ⁵	0.051	1.3	0.001	1.03	L-Jul.2017	1.4
Other fats and oils including peanut butter ⁵	0.103	-0.6	-0.001	0.56	S-May 2018	-0.6

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 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}		3.2		0.63	L-Feb.2018	3.4
Other foods.....	1.345	0.1	0.001	0.25	S-Jun.2018	0.1
Soups.....	0.084	1.1	0.001	1.07	L-Sep.2017	2.9
Frozen and freeze dried prepared foods ⁴	0.235	-0.3	-0.001	0.54	S-Jan.2018	-1.5
Snacks ⁴	0.311	-0.3	-0.001	0.72	S-May 2018	-0.6
Spices, seasonings, condiments, sauces.....	0.270	0.0	0.000	0.54	L-Jun.2018	0.2
Salt and other seasonings and spices ^{5, 6}		-1.4		0.96	S-Apr.2018	-2.3
Olives, pickles, relishes ^{4, 5, 6}		1.0		1.31	L-Jun.2018	2.3
Sauces and gravies ^{5, 6}		0.2		0.81	L-Jun.2018	0.2
Other condiments ⁶		-2.3		0.65	S-Sep.2014	-3.4
Baby food ^{4, 5}	0.049	0.4	0.000	0.52	L-May 2018	1.1
Other miscellaneous foods ^{4, 5}	0.397	-0.6	-0.002	0.41	S-May 2018	-1.0
Prepared salads ^{4, 7, 6}		1.6		0.76	L-Oct.2017	1.9
Food away from home ⁴	5.965	0.2	0.011	0.04	L-Jun.2018	0.2
Full service meals and snacks ^{4, 5}	2.968	0.1	0.003	0.04	S-Jun.2018	0.1
Limited service meals and snacks ^{4, 5}	2.532	0.3	0.007	0.07	L-May 2018	0.3
Food at employee sites and schools ⁵	0.180	-1.2	-0.002	0.38	S-Oct.2017	-1.6
Food at elementary and secondary schools ^{4, 8, 6}				0.49	—	—
Food from vending machines and mobile vendors ^{4, 5}	0.090	0.2	0.000	0.11	S-May 2018	-0.2
Other food away from home ^{4, 5}	0.196	0.1	0.000	0.09	S-Jun.2018	0.0
Energy.....	8.079	1.9	0.146	0.08	L-Jan.2018	3.0
Energy commodities.....	4.634	3.0	0.131	0.13	L-Apr.2018	3.0
Fuel oil and other fuels.....	0.189	2.3	0.005	0.33	L-Jan.2018	7.0
Fuel oil.....	0.117	2.2	0.003	0.43	L-Jun.2018	2.9
Propane, kerosene, and firewood ⁹	0.072	0.7	0.001	0.48	L-May 2018	1.2
Motor fuel.....	4.445	3.0	0.127	0.13	L-Apr.2018	3.0
Gasoline (all types).....	4.351	3.0	0.125	0.13	L-Apr.2018	3.0
Gasoline, unleaded regular ⁶		3.8		0.51	L-Jan.2018	6.1
Gasoline, unleaded midgrade ^{10, 6}		2.4		0.51	L-May 2018	2.6
Gasoline, unleaded premium ⁶		2.9		0.44	L-Apr.2018	3.0
Other motor fuels ⁵	0.094	0.4	0.000	0.15	L-Jun.2018	1.7
Energy services.....	3.445	0.4	0.015	0.08	L-Feb.2018	1.4
Electricity.....	2.688	0.3	0.008	0.10	L-Feb.2018	0.4
Utility (piped) gas service.....	0.756	0.9	0.007	0.08	L-Feb.2018	4.7
All items less food and energy.....	78.697	0.1	0.065	0.03	S-Apr.2018	0.1
Commodities less food and energy commodities.....	19.582	-0.3	-0.056	0.08	S-Mar.2017	-0.3
Household furnishings and supplies ¹¹	3.344	0.0	0.000	0.16	S-Jun.2018	-0.2
Window and floor coverings and other linens ^{4, 5}	0.257	-0.3	-0.001	0.75	L-Apr.2018	-0.2
Floor coverings ^{4, 5}	0.055	1.1	0.001	0.56	L-Apr.2018	1.3
Window coverings ^{4, 5}	0.046	-2.4	-0.001	0.88	S-Mar.2018	-3.2
Other linens ^{4, 5}	0.156	-0.2	0.000	1.15	—	—
Furniture and bedding.....	0.878	0.3	0.002	0.34	L-Apr.2018	1.1
Bedroom furniture ⁴	0.321	-0.2	-0.001	0.52	S-May 2018	-0.8
Living room, kitchen, and dining room furniture ^{4, 5}	0.424	-0.3	-0.001	0.45	L-Jun.2018	-0.2
Other furniture ⁵	0.122	-0.1	0.000	0.71	L-Jun.2018	0.4
Infants' furniture ^{4, 8, 6}		0.1		0.74	L-Jun.2018	0.9
Appliances ⁵	0.215	0.3	0.001	0.55	S-Jun.2018	0.0
Major appliances ⁵	0.080	-0.5	0.000	0.70	S-Feb.2018	-2.7
Laundry equipment ⁶		-0.2		1.18	S-Mar.2018	-0.6
Other appliances ⁵	0.132	0.8	0.001	0.63	L-Mar.2018	1.7
Other household equipment and furnishings ⁵	0.500	-0.7	-0.003	0.48	S-Jun.2018	-1.7
Clocks, lamps, and decorator items ⁴	0.275	-1.4	-0.004	0.76	S-May 2018	-3.1

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 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	0.091	0.5	0.000	0.68	S-Jun.2018	-1.9
Dishes and flatware ^{4, 5}	0.054	-1.4	-0.001	1.49	S-Jun.2018	-8.2
Nonelectric cookware and tableware ⁵	0.080	-1.1	-0.001	0.75	S-Jun.2018	-2.6
Tools, hardware, outdoor equipment and supplies ⁵	0.664	-0.2	-0.001	0.24	S-May 2018	-1.0
Tools, hardware and supplies ^{4, 5}	0.196	-0.8	-0.002	0.35	S-May 2018	-0.9
Outdoor equipment and supplies ⁵	0.307	0.1	0.000	0.30	S-Jun.2018	-0.1
Housekeeping supplies ⁴	0.832	0.1	0.000	0.24	S-May 2018	-0.5
Household cleaning products ⁵	0.329	0.4	0.001	0.39	—	—
Household paper products ^{4, 5}	0.219	0.5	0.001	0.38	S-Jun.2018	0.0
Miscellaneous household products ^{4, 5}	0.283	-0.2	-0.001	0.41	S-May 2018	-1.2
Apparel.....	3.006	-1.6	-0.050	0.39	S-Jan.1949	-1.9
Men's and boys' apparel.....	0.741	-2.1	-0.016	0.72	S-Aug.2014	-2.1
Men's apparel.....	0.584	-1.9	-0.011	0.78	S-Apr.2017	-2.0
Men's suits, sport coats, and outerwear.....	0.103	-2.8	-0.003	1.68	S-May 2018	-4.3
Men's furnishings.....	0.155	0.2	0.000	1.45	S-May 2018	-0.4
Men's shirts and sweaters ⁵	0.168	-4.2	-0.007	1.22	S-EVER	—
Men's pants and shorts.....	0.152	-0.7	-0.001	1.28	L-Jun.2018	0.2
Boys' apparel.....	0.157	0.4	0.001	1.44	L-May 2018	1.4
Women's and girls' apparel.....	1.207	-1.7	-0.022	0.60	L-Jun.2018	-1.4
Women's apparel.....	1.037	-1.9	-0.020	0.65	L-Jun.2018	-1.2
Women's outerwear.....	0.067	-5.5	-0.004	2.13	S-Jan.2018	-6.3
Women's dresses.....	0.121	0.6	0.001	1.42	S-Jun.2018	-3.5
Women's suits and separates ⁵	0.544	-4.1	-0.023	0.87	S-Dec.2004	-4.2
Women's underwear, nightwear, sportswear and accessories ⁵	0.293	1.6	0.005	1.10	L-Jan.2018	2.6
Girls' apparel.....	0.170	-1.0	-0.002	1.49	S-Jun.2018	-2.6
Footwear.....	0.670	-0.6	-0.004	0.57	S-May 2018	-0.7
Men's footwear ⁴	0.216	1.2	0.003	0.96	S-Jun.2018	-2.1
Boys' and girls' footwear.....	0.160	0.1	0.000	1.01	S-Jun.2018	-1.0
Women's footwear.....	0.294	-2.4	-0.007	0.80	S-Apr.2018	-2.5
Infants' and toddlers' apparel.....	0.135	-2.7	-0.004	1.24	S-Nov.2017	-3.0
Jewelry and watches ⁹	0.253	-2.0	-0.005	1.00	S-Jun.2018	-2.5
Watches ^{4, 9}	0.098	-0.8	-0.001	1.52	S-Jun.2018	-1.5
Jewelry ⁹	0.155	-2.4	-0.004	1.22	S-Jun.2018	-3.7
Transportation commodities less motor fuel ¹¹	6.643	0.1	0.010	0.09	S-May 2018	-0.1
New vehicles.....	3.722	0.0	0.001	0.15	S-Apr.2018	-0.5
New cars and trucks ^{5, 6}		0.0		0.23	S-Apr.2018	-0.5
New cars ⁶		0.0		0.24	S-Apr.2018	-0.4
New trucks ^{13, 6}		0.1		0.21	S-Apr.2018	-0.6
Used cars and trucks.....	2.429	0.4	0.008	0.02	S-May 2018	-0.9
Motor vehicle parts and equipment ⁴	0.378	0.1	0.000	0.28	L-Jun.2018	0.1
Tires ⁴	0.223	0.0	0.000	0.38	L-May 2018	0.8
Vehicle accessories other than tires ^{4, 5}	0.156	0.3	0.001	0.44	S-May 2018	0.2
Vehicle parts and equipment other than tires ^{4, 6}		0.0		0.38	S-Apr.2018	-0.5
Motor oil, coolant, and fluids ^{4, 6}		1.2		0.90	L-Apr.2018	2.2
Medical care commodities.....	1.719	-0.3	-0.006	0.25	L-Jun.2018	0.2
Medicinal drugs ^{4, 11}	1.662	0.1	0.001	0.26	L-Jun.2018	0.4
Prescription drugs.....	1.321	0.0	-0.001	0.29	L-Jun.2018	0.3
Nonprescription drugs ^{4, 11}	0.341	-0.5	-0.002	0.43	L-Jun.2018	0.3
Medical equipment and supplies ^{4, 11}	0.057	-0.8	0.000	0.50	S-Mar.2018	-2.0
Recreation commodities ¹¹	1.815	-0.5	-0.008	0.17	S-May 2018	-0.7
Video and audio products ¹¹	0.238	-1.1	-0.003	0.49	S-Feb.2018	-2.1
Televisions.....	0.109	-1.3	-0.001	0.81	S-May 2018	-1.7

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Other video equipment ⁵	0.027	1.0	0.000	0.85	L-Apr.2018	1.2
Audio equipment ⁴	0.044	-2.3	-0.001	0.71	S-Feb.2018	-3.1
Recorded music and music subscriptions ^{4, 5}	0.050	-0.6	0.000	0.85	S-May 2018	-0.9
Pets and pet products ⁴	0.599	-0.1	0.000	0.23	—	—
Pet food ^{4, 5, 6}		-0.3		0.31	S-Nov.2017	-1.0
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		0.3		0.39	L-May 2018	0.6
Sporting goods.....	0.497	-0.5	-0.002	0.29	S-May 2018	-0.8
Sports vehicles including bicycles ⁴	0.287	-1.8	-0.005	0.34	S-May 2018	-1.8
Sports equipment.....	0.203	0.6	0.001	0.47	L-Dec.2015	0.6
Photographic equipment and supplies.....	0.032	1.0	0.000	0.66	L-Apr.2018	1.0
Film and photographic supplies ^{4, 5, 6}						
Photographic equipment ^{5, 6}		-0.1		0.69	L-Apr.2018	1.0
Recreational reading materials ⁴	0.115	0.2	0.000	0.64	S-Jun.2018	-0.2
Newspapers and magazines ^{4, 5}	0.070	0.3	0.000	0.95	S-Jun.2018	0.2
Recreational books ^{4, 5}	0.045	0.0	0.000	0.97	S-Jun.2018	-0.8
Other recreational goods ⁵	0.334	-1.1	-0.004	0.46	S-May 2018	-1.8
Toys.....	0.263	-1.4	-0.004	0.52	S-May 2018	-2.1
Toys, games, hobbies and playground equipment ^{5, 6}		-1.8		0.55	S-May 2018	-2.4
Sewing machines, fabric and supplies ^{4, 5}	0.024	-1.8	0.000	1.10	S-Feb.2018	-1.8
Music instruments and accessories ^{4, 5}	0.036	1.6	0.001	0.68	L-Jul.2017	1.7
Education and communication commodities ¹¹	0.545	0.1	0.000	0.36	L-May 2018	0.7
Educational books and supplies.....	0.133	-2.1	-0.003	0.60	S-Dec.2001	-3.0
College textbooks ^{4, 14, 6}		-1.2		0.58	S-Jun.2018	-1.3
Information technology commodities ¹¹	0.413	0.8	0.003	0.43	L-Jan.2018	1.0
Personal computers and peripheral equipment ⁷	0.309	1.4	0.004	0.59	L-EVER	—
Computer software and accessories ^{4, 5}	0.024	0.1	0.000	1.10	S-May 2018	-1.2
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.079	-1.6	-0.001	0.70	S-May 2018	-1.6
Alcoholic beverages.....	0.959	0.0	0.000	0.14	L-Jun.2018	0.5
Alcoholic beverages at home.....	0.596	-0.1	0.000	0.22	L-Jun.2018	0.7
Beer, ale, and other malt beverages at home.....	0.264	0.0	0.000	0.27	L-Jun.2018	0.8
Distilled spirits at home.....	0.080	0.3	0.000	0.37	S-Jun.2018	-0.1
Whiskey at home ^{4, 6}		0.4		0.54	S-May 2018	-0.2
Distilled spirits, excluding whiskey, at home ^{4, 6}		0.5		0.50	L-Jan.2018	1.2
Wine at home.....	0.252	-0.4	-0.001	0.46	—	—
Alcoholic beverages away from home ⁴	0.364	0.1	0.000	0.12	L-Jun.2018	0.4
Beer, ale, and other malt beverages away from home ^{4, 5, 6}		-0.1		0.18	S-Mar.2018	-0.2
Wine away from home ^{4, 5, 6}		0.8		0.18	L-Feb.2013	1.0
Distilled spirits away from home ^{4, 5, 6}		-0.4		0.15	S-Dec.2013	-0.6
Other goods ¹¹	1.549	0.0	0.000	0.16	—	—
Tobacco and smoking products.....	0.647	0.1	0.001	0.14	—	—
Cigarettes ⁵	0.573	0.1	0.000	0.15	—	—
Tobacco products other than cigarettes ^{4, 5}	0.059	1.0	0.001	0.33	L-Oct.2017	1.1
Personal care products ⁴	0.689	0.0	0.000	0.30	S-Jun.2018	-0.4
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.378	0.5	0.002	0.37	L-Feb.2018	0.6
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.304	-0.5	-0.002	0.45	S-Jun.2018	-0.9
Miscellaneous personal goods ⁵	0.214	-0.7	-0.002	0.75	S-May 2018	-1.0
Stationery, stationery supplies, gift wrap ⁶		-1.8		0.77	S-EVER	—
Infants' equipment ^{4, 8, 6}		0.0		0.46	L-Apr.2018	0.3

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Services less energy services.....	59.115	0.2	0.121	0.03	S-Jun.2018	0.2
Shelter.....	32.811	0.3	0.098	0.04	—	—
Rent of shelter ¹⁵	32.436	0.3	0.096	0.04	—	—
Rent of primary residence.....	7.786	0.4	0.028	0.03	L-Apr.2018	0.4
Lodging away from home ⁵	1.019	0.6	0.006	1.24	L-May 2018	2.9
Housing at school, excluding board ¹⁵	0.112	0.5	0.001	0.06	L-Nov.2016	0.5
Other lodging away from home including hotels and motels.....	0.907	0.6	0.005	1.45	L-May 2018	3.3
Owners' equivalent rent of residences ¹⁵	23.632	0.3	0.064	0.03	—	—
Owners' equivalent rent of primary residence ¹⁵	22.313	0.3	0.060	0.03	—	—
Tenants' and household insurance ^{4, 5}	0.375	0.1	0.001	0.13	S-Apr.2018	0.1
Water and sewer and trash collection services ⁵	1.075	0.3	0.003	0.05	L-Jun.2018	0.4
Water and sewerage maintenance.....	0.813	0.1	0.001	0.06	S-Aug.2017	0.1
Garbage and trash collection ^{4, 13}	0.262	1.0	0.003	0.07	L-Jan.2008	1.0
Household operations ^{4, 5}	0.872	0.0	0.000	0.32	S-Dec.2017	0.0
Domestic services ^{4, 5}	0.298	0.0	0.000	0.04	S-Jun.2018	-0.7
Gardening and lawncare services ^{4, 5}	0.289	0.9	0.003	0.05	L-Jun.2018	1.1
Moving, storage, freight expense ⁵	0.102	-0.6	-0.001	1.97	S-Jun.2018	-1.4
Repair of household items ^{4, 5}	0.108	-2.5	-0.003	0.23	S-EVER	—
Medical care services.....	6.897	-0.2	-0.014	0.09	S-Feb.2015	-0.2
Professional services.....	3.248	-0.3	-0.010	0.10	S-Nov.2017	-0.4
Physicians' services.....	1.729	-0.1	-0.002	0.09	L-Jun.2018	0.0
Dental services.....	0.787	-0.8	-0.006	0.11	S-EVER	—
Eyeglasses and eye care ^{4, 9}	0.316	0.1	0.000	0.31	S-May 2018	-0.4
Services by other medical professionals ^{4, 9}	0.417	-0.1	-0.001	0.09	S-Feb.2018	-0.8
Hospital and related services.....	2.603	0.0	-0.001	0.12	S-Feb.2018	-0.4
Hospital services ¹⁶	2.326	-0.1	-0.003	0.13	S-Feb.2018	-0.5
Inpatient hospital services ^{16, 6}		-0.3		0.20	S-Feb.2018	-0.6
Outpatient hospital services ^{9, 6}		-0.3		0.32	S-Feb.2018	-0.4
Nursing homes and adult day services ¹⁶	0.190	0.6	0.001	0.12	L-Oct.2017	0.7
Care of invalids and elderly at home ^{4, 8}	0.086	1.0	0.001	0.12	L-Feb.2017	1.0
Health insurance ^{4, 8}	1.046	-0.3	-0.004	0.08	S-Nov.2017	-0.3
Transportation services.....	5.967	0.3	0.018	0.13	S-Jun.2018	0.2
Leased cars and trucks ^{4, 14}	0.654	0.0	0.000	0.39	S-Apr.2018	-0.6
Car and truck rental ⁵	0.129	-1.7	-0.002	1.78	S-May 2018	-3.0
Motor vehicle maintenance and repair ⁴	1.110	0.3	0.003	0.15	L-Jun.2018	0.3
Motor vehicle body work ⁴	0.055	0.6	0.000	0.11	L-Jan.2018	0.7
Motor vehicle maintenance and servicing ⁴	0.624	0.4	0.002	0.24	L-Dec.2017	0.4
Motor vehicle repair ^{4, 5}	0.368	0.2	0.001	0.14	L-Jun.2018	0.3
Motor vehicle insurance.....	2.377	0.0	0.000	0.17	S-Apr.2018	-0.2
Motor vehicle fees ^{4, 5}	0.538	0.3	0.002	0.12	L-May 2018	0.5
State motor vehicle registration and license fees ^{4, 5}	0.278	0.4	0.001	0.04	L-Jan.2018	0.9
Parking and other fees ^{4, 5}	0.243	0.2	0.001	0.22	L-May 2018	1.1
Parking fees and tolls ^{5, 6}		0.3		0.16	L-Jun.2018	0.3
Automobile service clubs ^{4, 5, 6}		0.0		0.43	S-Jun.2018	-0.5
Public transportation.....	1.158	1.3	0.015	0.36	S-Jun.2018	-0.8
Airline fares.....	0.702	2.4	0.017	0.58	S-Jun.2018	-0.9
Other intercity transportation.....	0.170	-1.5	-0.003	0.56	S-Nov.2017	-1.5
Intercity bus fare ^{4, 7, 6}		-5.4		0.98	S-EVER	—
Intercity train fare ^{4, 7, 6}						
Ship fare ^{4, 5, 6}		-0.8		0.82	S-May 2018	-1.5
Intracity transportation ⁴	0.278	0.3	0.001	0.19	S-Jun.2018	-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, August 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Intracity mass transit ^{4, 11, 6}		0.0		0.15	S-May 2018	0.0
Recreation services ¹¹	3.841	0.1	0.005	0.16	—	—
Video and audio services ¹¹	1.577	0.7	0.011	0.15	L-Aug.2017	0.8
Cable and satellite television service ¹³	1.491	0.9	0.014	0.14	L-Nov.2016	1.1
Video discs and other media, including rental of video ^{7, 5}	0.087	-2.5	-0.002	1.26	S-Nov.2017	-3.9
Video discs and other media ^{4, 5, 6}		-3.9		2.01	S-Nov.2017	-7.6
Rental of video discs and other media ^{4, 5, 6}		0.1		0.14	S-Jun.2018	-0.2
Pet services including veterinary ⁵	0.411	-0.1	0.000	0.11	S-Feb.2018	-0.4
Pet services ^{4, 5, 6}		-0.7		0.10	L-Jun.2018	0.1
Veterinarian services ^{5, 6}		0.1		0.13	S-May 2018	0.1
Photographers and photo processing ^{4, 5}	0.038	0.7	0.000	0.43	L-May 2018	0.7
Photographer fees ^{4, 5, 6}		0.0		0.06	—	—
Photo processing ^{4, 5, 6}		1.6		0.65	L-Sep.2017	2.1
Other recreation services ⁵	1.813	-0.3	-0.006	0.29	S-Apr.2018	-0.5
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{4, 5}	0.664	0.5	0.003	0.22	L-Mar.2018	0.6
Admissions.....	0.664	-1.4	-0.009	0.58	S-Apr.2009	-2.6
Admission to movies, theaters, and concerts ^{7, 5, 6}		-0.7		0.46	S-Oct.2016	-0.7
Admission to sporting events ^{4, 5, 6}		-1.1		1.79	S-Mar.2018	-3.4
Fees for lessons or instructions ^{4, 9}	0.214	-0.2	0.000	0.34	L-Jun.2018	-0.1
Education and communication services ¹¹	6.021	0.2	0.010	0.07	S-Apr.2018	0.0
Tuition, other school fees, and childcare.....	2.847	0.7	0.019	0.05	L-Aug.2011	0.8
College tuition and fees.....	1.576	0.5	0.008	0.06	—	—
Elementary and high school tuition and fees.....	0.327	1.1	0.004	0.08	L-Sep.2004	1.4
Child care and nursery school ¹²	0.794	0.7	0.006	0.09	L-Apr.2015	0.9
Technical and business school tuition and fees ⁵	0.032	0.0	0.000	0.11	S-Jan.2018	-0.3
Postage and delivery services ⁵	0.108	0.2	0.000	0.02	—	—
Postage.....	0.094	0.2	0.000	0.00	—	—
Delivery services ⁵	0.014	0.2	0.000	0.32	S-Apr.2018	0.1
Telephone services ^{4, 5}	2.277	-0.4	-0.009	0.12	S-Feb.2018	-0.4
Wireless telephone services ^{4, 5}	1.704	-0.4	-0.008	0.10	S-Feb.2018	-0.5
Land-line telephone services ^{4, 11}	0.573	-0.2	-0.001	0.21	S-Apr.2018	-0.2
Internet services and electronic information providers ⁵	0.781	0.0	0.000	0.29	S-Apr.2018	-0.7
Other personal services ^{4, 11}	1.632	0.1	0.001	0.11	—	—
Personal care services ⁴	0.624	-0.1	-0.001	0.13	S-Nov.2017	-0.1
Haircuts and other personal care services ^{4, 5}	0.624	-0.1	-0.001	0.13	S-Nov.2017	-0.1
Miscellaneous personal services.....	1.007	0.2	0.002	0.11	—	—
Legal services ^{4, 9}	0.304	0.0	0.000	0.07	L-Jun.2018	0.0
Funeral expenses ^{4, 9}	0.127	0.3	0.000	0.09	—	—
Laundry and dry cleaning services ^{4, 5}	0.237	0.3	0.001	0.16	L-Jun.2018	0.3
Apparel services other than laundry and dry cleaning ^{4, 5}	0.028	0.7	0.000	0.21	S-Jun.2018	0.7
Financial services ⁹	0.240	0.4	0.001	0.32	L-Apr.2018	4.6
Checking account and other bank services ^{4, 5, 6}		0.1		0.02	L-Apr.2018	0.5
Tax return preparation and other accounting fees ^{7, 6}		0.2		0.33	S-Jun.2018	0.0
Special aggregate indexes						
All items less food.....	86.776	0.2	0.211	0.03	—	—

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	One Month				
		Seasonally adjusted percent change Jul. 2018-Aug. 2018	Seasonally adjusted effect on All Items Jul. 2018-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items less shelter.....	67.189	0.2	0.125	0.03	L-Apr.2018	0.2
All items less food and shelter.....	53.965	0.2	0.113	0.04	L-May 2018	0.2
All items less food, shelter, and energy.....	45.887	-0.1	-0.034	0.05	S-Apr.2018	-0.1
All items less food, shelter, energy, and used cars and trucks.....	43.458	-0.1	-0.042	0.05	S-Mar.2017	-0.2
All items less medical care.....	91.384	0.3	0.243	0.03	L-Jan.2018	0.6
All items less energy.....	91.921	0.1	0.077	0.03	S-Apr.2018	0.1
Commodities.....	37.440	0.2	0.087	0.05	L-May 2018	0.2
Commodities less food, energy, and used cars and trucks.....	17.153	-0.4	-0.065	0.09	S-Aug.2009	-0.4
Commodities less food.....	24.216	0.3	0.075	0.07	L-Apr.2018	0.4
Commodities less food and beverages.....	23.257	0.3	0.075	0.07	L-Apr.2018	0.4
Services.....	62.560	0.2	0.136	0.03	S-Jun.2018	0.1
Services less rent of shelter ¹⁵	30.124	0.1	0.032	0.05	—	—
Services less medical care services.....	55.663	0.3	0.150	0.04	L-May 2018	0.3
Durables.....	9.989	0.1	0.006	0.08	S-May 2018	-0.3
Nondurables.....	27.451	0.0	0.004	0.07	S-Jun.2018	0.0
Nondurables less food.....	14.227	0.0	-0.005	0.11	S-Jun.2018	0.0
Nondurables less food and beverages.....	13.268	0.0	-0.004	0.12	S-Jun.2018	0.0
Nondurables less food, beverages, and apparel.....	10.262	1.3	0.127	0.09	L-Jan.2018	2.2
Nondurables less food and apparel.....	11.221	1.1	0.126	0.08	L-May 2018	1.1
Housing.....	41.736	0.3	0.122	0.04	L-Apr.2018	0.3
Education and communication ⁵	6.566	0.2	0.010	0.07	—	—
Education ⁵	2.979	0.5	0.016	0.06	L-Feb.2014	0.5
Communication ⁵	3.587	-0.2	-0.006	0.11	S-Apr.2018	-0.2
Information and information processing ⁵	3.479	-0.2	-0.006	0.12	S-Apr.2018	-0.2
Information technology, hardware and services ¹⁷	1.203	0.2	0.003	0.25	S-Apr.2018	-0.6
Recreation ⁵	5.656	-0.1	-0.003	0.11	S-Apr.2018	-0.4
Video and audio ⁵	1.815	0.5	0.009	0.15	L-Aug.2017	0.5
Pets, pet products and services ⁵	1.011	-0.1	-0.001	0.16	S-Feb.2018	-0.2
Photography ⁵	0.072	0.9	0.001	0.41	L-Jul.2016	0.9
Food and beverages.....	14.183	0.1	0.012	0.06	—	—
Domestically produced farm food.....	6.073	-0.1	-0.006	0.11	S-May 2018	-0.2
Other services.....	11.494	0.1	0.016	0.06	S-Apr.2018	0.0
Apparel less footwear.....	2.337	-1.9	-0.046	0.45	S-EVER	—
Fuels and utilities.....	4.709	0.5	0.023	0.06	L-Feb.2018	1.0
Household energy.....	3.634	0.6	0.020	0.08	L-Feb.2018	1.2
Medical care.....	8.616	-0.2	-0.020	0.09	—	—
Transportation.....	17.055	0.9	0.154	0.06	L-Jan.2018	1.8
Private transportation.....	15.897	0.9	0.139	0.06	L-Jan.2018	2.0
New and used motor vehicles ⁵	7.049	0.1	0.007	0.10	S-May 2018	-0.1
Utilities and public transportation.....	9.445	0.3	0.024	0.07	L-Feb.2018	0.8
Household furnishings and operations.....	4.216	0.0	0.000	0.16	S-Jun.2018	-0.1
Other goods and services.....	3.181	0.0	-0.002	0.10	—	—
Personal care ⁴	2.534	-0.1	-0.002	0.13	S-Dec.2017	-0.1

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

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

³ If the current seasonally adjusted 1-month percent change is greater than the previous published 1-month percent change, then this column

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

⁴ Not seasonally adjusted.

⁵ Indexes on a December 1997=100 base.

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

⁷ Indexes on a December 2007=100 base.

⁸ Indexes on a December 2005=100 base.

⁹ Indexes on a December 1986=100 base.

¹⁰ Indexes on a December 1993=100 base.

¹¹ Indexes on a December 2009=100 base.

¹² Indexes on a December 1990=100 base.

¹³ Indexes on a December 1983=100 base.

¹⁴ Indexes on a December 2001=100 base.

¹⁵ Indexes on a December 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, August 2018, 12-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items.....	100.000	2.7		0.07	S-Apr.2018	2.5
Food.....	13.224	1.4	0.192	0.10	–	–
Food at home.....	7.259	0.5	0.036	0.16	L-Apr.2018	0.5
Cereals and bakery products.....	0.955	0.3	0.002	0.30	S-May 2018	-0.2
Cereals and cereal products.....	0.310	0.1	0.000	0.62	L-Feb.2016	0.3
Flour and prepared flour mixes.....	0.041	0.3	0.000	0.99	S-Mar.2018	-0.1
Breakfast cereal.....	0.148	-1.2	-0.002	0.85	L-Jan.2018	-1.1
Rice, pasta, cornmeal.....	0.120	1.4	0.002	1.11	S-May 2018	0.3
Rice ^{4, 5}		1.7		1.35	L-May 2014	2.6
Bakery products.....	0.645	0.4	0.002	0.37	S-May 2018	0.0
Bread ⁴	0.190	0.5	0.001	0.66	S-Jun.2018	-0.4
White bread ⁵		-0.1		0.89	S-Jun.2018	-0.8
Bread other than white ⁵		1.1		0.89	S-Jun.2018	-0.1
Fresh biscuits, rolls, muffins ⁴	0.091	2.3	0.002	1.07	L-Feb.2018	2.6
Cakes, cupcakes, and cookies.....	0.161	0.3	0.001	0.68	S-May 2018	0.0
Cookies ⁵		-1.4		1.14	S-May 2018	-2.5
Fresh cakes and cupcakes ⁵		1.8		1.11	L-Jun.2018	2.2
Other bakery products.....	0.203	-0.6	-0.002	0.71	S-May 2018	-0.8
Fresh sweetrolls, coffeecakes, doughnuts ⁵		1.2		1.16	S-Jun.2018	0.2
Crackers, bread, and cracker products ⁵		-0.3		1.24	L-Sep.2017	1.6
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁵		-2.0		1.15	S-Jul.2016	-2.1
Meats, poultry, fish, and eggs.....	1.610	1.1	0.018	0.33	L-Jun.2018	1.2
Meats, poultry, and fish.....	1.515	0.3	0.004	0.32	L-Jun.2018	0.4
Meats.....	0.948	-0.3	-0.004	0.39	L-Jun.2018	0.1
Beef and veal.....	0.435	0.8	0.003	0.49	L-Jun.2018	0.8
Uncooked ground beef.....	0.172	-1.2	-0.002	0.81	L-Jun.2018	-0.2
Uncooked beef roasts ⁴	0.063	4.4	0.003	1.39	L-Jul.2015	9.7
Uncooked beef steaks ⁴	0.162	1.4	0.002	0.91	L-May 2018	2.2
Uncooked other beef and veal ⁴	0.038	1.8	0.000	1.30	S-Dec.2017	1.7
Pork.....	0.297	-1.4	-0.005	0.79	S-Jan.2017	-3.5
Bacon, breakfast sausage, and related products ⁴	0.133	-3.5	-0.005	1.01	S-Dec.2016	-3.8
Bacon and related products ⁵		-5.9		1.31	S-Nov.2016	-6.5
Breakfast sausage and related products ^{4, 5}		0.1		1.67	S-Aug.2017	-1.4
Ham.....	0.055	-3.2	-0.002	1.82	S-Feb.2017	-3.9
Ham, excluding canned ⁵		-2.8		2.30	S-Mar.2018	-2.8
Pork chops.....	0.043	3.1	0.001	1.89	L-Apr.2018	5.7
Other pork including roasts, steaks, and ribs ⁴	0.066	1.1	0.001	1.73	L-Jan.2018	3.7
Other meats.....	0.216	-0.8	-0.002	0.83	L-Jun.2018	-0.5
Frankfurters ⁵		-0.5		2.43	L-Jun.2018	4.4
Lunchmeats ^{4, 5}		-1.4		0.83	L-May 2018	-0.6
Lamb and organ meats ⁵						
Lamb and mutton ^{4, 5}						
Poultry.....	0.318	0.0	0.000	0.72	S-May 2017	-0.1
Chicken ⁴	0.261	0.4	0.001	0.84	S-May 2017	0.0
Fresh whole chicken ⁵		1.9		1.94	S-Jun.2018	1.3
Fresh and frozen chicken parts ⁵		0.2		0.99	S-Feb.2017	-0.2
Other uncooked poultry including turkey ⁴	0.057	-2.0	-0.001	1.44	S-Jun.2018	-2.5
Fish and seafood.....	0.249	3.3	0.008	0.84	L-Apr.2018	3.8
Fresh fish and seafood ⁴	0.128	4.4	0.005	1.17	L-Feb.2017	5.3
Processed fish and seafood ⁴	0.121	2.3	0.003	0.98	L-Apr.2018	3.9
Shelf stable fish and seafood ⁵		5.4		1.31	L-Apr.2018	5.8

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Frozen fish and seafood ⁵		0.2		1.50	L-Apr.2018	1.3
Eggs.....	0.095	14.7	0.014	1.47	S-Jun.2018	14.1
Dairy and related products.....	0.723	0.0	0.000	0.40	L-Jun.2018	0.4
Milk ⁴	0.197	-1.0	-0.002	0.70	L-Aug.2017	-0.3
Fresh whole milk ⁵		-1.2		1.68	L-Aug.2017	-1.1
Fresh milk other than whole ^{4, 5}		-0.5		0.99	L-Jun.2018	-0.3
Cheese and related products.....	0.238	-0.1	0.000	0.68	S-Feb.2018	-0.8
Ice cream and related products.....	0.101	0.6	0.001	0.96	L-Jun.2018	1.1
Other dairy and related products ⁴	0.187	0.7	0.001	0.82	L-Nov.2017	1.1
Fruits and vegetables.....	1.279	0.9	0.012	0.43	—	—
Fresh fruits and vegetables.....	1.009	1.2	0.012	0.53	S-Jun.2018	0.6
Fresh fruits.....	0.545	1.3	0.007	0.68	S-May 2018	1.1
Apples.....	0.078	-5.8	-0.006	1.75	S-Aug.2015	-9.7
Bananas.....	0.080	0.5	0.000	1.03	S-Jun.2018	-0.8
Citrus fruits ⁴	0.166	8.1	0.013	1.42	L-May 2018	9.6
Oranges, including tangerines ⁵		3.7		2.18	L-May 2018	8.8
Other fresh fruits ⁴	0.221	-0.1	0.000	1.05	S-May 2018	-2.6
Fresh vegetables.....	0.464	1.0	0.005	0.84	L-Mar.2018	1.1
Potatoes.....	0.079	1.3	0.001	2.08	—	—
Lettuce.....	0.057	0.5	0.000	2.35	S-Jun.2018	-7.2
Tomatoes.....	0.076	0.8	0.001	1.67	S-May 2018	0.4
Other fresh vegetables.....	0.251	1.0	0.002	1.20	L-Mar.2018	1.0
Processed fruits and vegetables ⁴	0.270	0.0	0.000	0.69	L-Dec.2016	0.1
Canned fruits and vegetables ⁴	0.147	1.1	0.002	0.87	L-Sep.2015	2.3
Canned fruits ^{4, 5}		-0.8		1.19	L-May 2018	-0.5
Canned vegetables ^{4, 5}		2.4		1.24	L-Oct.2014	2.8
Frozen fruits and vegetables ⁴	0.079	-2.9	-0.003	1.35	S-Jun.2018	-3.9
Frozen vegetables ⁵		-2.4		1.67	L-Apr.2018	-2.0
Other processed fruits and vegetables including dried ⁴	0.044	1.1	0.000	1.42	L-Dec.2015	1.1
Dried beans, peas, and lentils ^{4, 5}		-1.9		2.11	L-Jun.2018	-1.1
Nonalcoholic beverages and beverage materials.....	0.857	0.2	0.002	0.43	L-Jan.2018	0.4
Juices and nonalcoholic drinks ⁴	0.603	0.4	0.002	0.53	L-Jan.2018	0.8
Carbonated drinks.....	0.250	2.3	0.006	0.87	L-Apr.2016	3.0
Frozen noncarbonated juices and drinks ⁴	0.009	-3.1	0.000	1.12	S-Feb.2005	-4.0
Nonfrozen noncarbonated juices and drinks ⁴	0.344	-0.9	-0.003	0.64	S-May 2018	-1.1
Beverage materials including coffee and tea ⁴	0.253	-0.1	0.000	0.77	L-Dec.2017	1.1
Coffee.....	0.163	-0.9	-0.002	1.09	L-Dec.2017	1.7
Roasted coffee ⁵		-0.7		1.60	L-Dec.2017	1.3
Instant coffee ⁵		-4.3		1.65	S-Jun.2018	-6.1
Other beverage materials including tea ⁴	0.090	1.4	0.001	1.01	L-Oct.2017	1.5
Other food at home.....	1.835	0.1	0.002	0.31	—	—
Sugar and sweets.....	0.275	-1.0	-0.003	0.70	L-Jun.2018	0.1
Sugar and artificial sweeteners.....	0.042	-0.6	0.000	0.87	L-Jun.2018	-0.4
Candy and chewing gum ⁴	0.179	-0.6	-0.001	0.91	L-Jun.2018	0.7
Other sweets ⁴	0.054	-2.4	-0.001	1.22	S-Apr.2000	-2.5
Fats and oils.....	0.215	-0.1	0.000	0.61	L-Apr.2018	1.0
Butter and margarine ⁴	0.061	-2.0	-0.002	1.16	S-Dec.2016	-3.7
Butter ⁵		-1.6		1.57	S-Jan.2017	-1.9
Margarine ⁵		-1.9		1.43	L-Mar.2018	0.5
Salad dressing ⁴	0.051	-0.2	0.000	1.37	L-Apr.2018	0.2
Other fats and oils including peanut butter ⁴	0.103	1.1	0.001	0.92	L-Mar.2018	1.2
Peanut butter ^{4, 5}		4.4		1.06	L-Nov.2017	4.4
Other foods.....	1.345	0.4	0.005	0.36	—	—

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Soups.....	0.084	0.4	0.000	1.65	L-Feb.2018	0.9
Frozen and freeze dried prepared foods.....	0.235	0.1	0.000	0.89	L-Apr.2016	0.2
Snacks.....	0.311	0.3	0.001	0.82	S-May 2018	-0.1
Spices, seasonings, condiments, sauces.....	0.270	0.7	0.002	0.79	S-Apr.2018	0.2
Salt and other seasonings and spices ^{4, 5}		0.2		1.40	S-May 2018	-0.9
Olives, pickles, relishes ^{4, 5}		4.8		1.68	L-Jun.2018	6.9
Sauces and gravies ^{4, 5}		0.9		1.16	S-Sep.2017	0.7
Other condiments ⁵		-1.9		1.74	S-Feb.2018	-2.9
Baby food ⁴	0.049	1.3	0.001	1.16	L-Jun.2018	1.5
Other miscellaneous foods ⁴	0.397	0.3	0.002	0.51	L-Sep.2017	0.3
Prepared salads ^{6, 5}		1.5		1.26	L-Feb.2018	1.8
Food away from home.....	5.965	2.6	0.156	0.10	S-Apr.2018	2.5
Full service meals and snacks ⁴	2.968	2.4	0.070	0.13	—	—
Limited service meals and snacks ⁴	2.532	2.7	0.068	0.18	L-Jun.2018	2.9
Food at employee sites and schools ⁴	0.180	3.6	0.007	0.63	S-May 2018	2.5
Food at elementary and secondary schools ^{7, 5}		3.2		0.52	S-May 2018	1.8
Food from vending machines and mobile vendors ⁴	0.090	3.1	0.003	1.49	L-Jun.2018	3.2
Other food away from home ⁴	0.196	4.2	0.009	0.53	S-Mar.2018	2.2
Energy.....	8.079	10.2	0.768	0.11	S-Apr.2018	7.9
Energy commodities.....	4.634	20.4	0.790	0.17	S-Apr.2018	13.7
Fuel oil and other fuels.....	0.189	20.1	0.036	0.91	S-May 2018	17.4
Fuel oil.....	0.117	30.9	0.029	1.08	S-Jun.2018	30.8
Propane, kerosene, and firewood ⁶	0.072	6.9	0.006	1.58	S-Apr.2018	6.5
Motor fuel.....	4.445	20.3	0.754	0.18	S-Apr.2018	13.5
Gasoline (all types).....	4.351	20.3	0.738	0.18	S-Apr.2018	13.4
Gasoline, unleaded regular ⁵		20.6		0.94	S-Apr.2018	13.5
Gasoline, unleaded midgrade ^{9, 5}		18.5		0.78	S-Apr.2018	12.5
Gasoline, unleaded premium ⁵		18.1		0.79	S-Apr.2018	12.7
Other motor fuels ⁴	0.094	25.9	0.016	0.28	S-May 2018	25.1
Energy services.....	3.445	-0.4	-0.022	0.15	L-May 2018	0.6
Electricity.....	2.688	-0.5	-0.023	0.18	L-Jun.2018	-0.1
Utility (piped) gas service.....	0.756	0.1	0.001	0.22	L-Apr.2018	1.0
All items less food and energy.....	78.697	2.2	1.739	0.08	S-May 2018	2.2
Commodities less food and energy commodities.....	19.582	-0.2	-0.030	0.19	S-Jun.2018	-0.2
Household furnishings and supplies ¹⁰	3.344	-0.5	-0.014	0.33	—	—
Window and floor coverings and other linens ⁴	0.257	-0.4	-0.001	1.10	L-Jun.2018	0.4
Floor coverings ⁴	0.055	2.5	0.001	1.56	L-May 2018	2.7
Window coverings ⁴	0.046	-4.5	-0.002	2.47	S-Mar.2018	-5.5
Other linens ⁴	0.156	-0.1	0.000	1.79	L-Jun.2018	1.1
Furniture and bedding.....	0.878	-0.7	-0.005	0.84	S-Mar.2018	-1.3
Bedroom furniture.....	0.321	-1.9	-0.005	1.05	S-Jun.2017	-2.3
Living room, kitchen, and dining room furniture ⁴	0.424	0.7	0.003	1.41	L-Jun.2018	0.8
Other furniture ⁴	0.122	-2.4	-0.003	1.58	S-Jun.2018	-3.0
Infants' furniture ^{7, 5}		-2.2		2.26	S-Jun.2018	-2.3
Appliances ⁴	0.215	2.3	0.006	1.10	S-Jun.2018	1.1
Major appliances ⁴	0.080	7.5	0.006	1.29	S-Jun.2018	5.6
Laundry equipment ⁵		13.6		2.84	S-Jun.2018	13.1
Other appliances ⁴	0.132	-0.3	0.000	1.52	S-Jun.2018	-1.0
Other household equipment and furnishings ⁴	0.500	-5.1	-0.026	1.03	L-Apr.2018	-4.6
Clocks, lamps, and decorator items.....	0.275	-5.6	-0.017	1.64	L-Jun.2017	-5.6
Indoor plants and flowers ¹¹	0.091	0.8	0.001	1.28	L-May 2018	2.0
Dishes and flatware ⁴	0.054	-12.8	-0.007	3.20	S-EVER	—
Nonelectric cookware and tableware ⁴	0.080	-4.4	-0.003	1.49	S-Feb.2018	-5.9

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Tools, hardware, outdoor equipment and supplies ⁴	0.664	0.1	0.001	0.70	L-Apr.2018	0.2
Tools, hardware and supplies ⁴	0.196	0.1	0.000	0.81	S-May 2018	-0.2
Outdoor equipment and supplies ⁴	0.307	0.2	0.000	0.92	L-May 2017	0.5
Housekeeping supplies.....	0.832	1.3	0.011	0.43	L-Jul.2012	2.0
Household cleaning products ⁴	0.329	1.8	0.006	0.62	L-Jul.2012	2.4
Household paper products ⁴	0.219	1.0	0.002	0.83	L-Jan.2016	1.1
Miscellaneous household products ⁴	0.283	1.0	0.003	0.88	—	—
Apparel.....	3.006	-1.4	-0.040	0.79	S-Dec.2017	-1.6
Men's and boys' apparel.....	0.741	-1.4	-0.010	1.43	S-Nov.2017	-1.6
Men's apparel.....	0.584	-0.8	-0.005	1.68	S-Jun.2018	-1.3
Men's suits, sport coats, and outerwear.....	0.103	-4.4	-0.004	2.87	S-Jun.2018	-4.8
Men's furnishings.....	0.155	6.0	0.009	3.59	L-Sep.2013	6.1
Men's shirts and sweaters ⁴	0.168	-3.2	-0.005	2.21	S-Dec.2017	-4.9
Men's pants and shorts.....	0.152	-3.2	-0.005	2.81	S-Dec.2016	-4.1
Boys' apparel.....	0.157	-3.4	-0.005	3.18	S-Dec.2017	-3.9
Women's and girls' apparel.....	1.207	-2.9	-0.036	1.21	S-Nov.2015	-3.2
Women's apparel.....	1.037	-2.9	-0.029	1.32	S-Dec.2017	-3.1
Women's outerwear.....	0.067	-10.3	-0.007	4.56	S-Aug.2012	-14.1
Women's dresses.....	0.121	4.8	0.006	3.98	L-May 2018	7.6
Women's suits and separates ⁴	0.544	-5.4	-0.024	1.77	S-Dec.2017	-5.5
Women's underwear, nightwear, sportswear and accessories ⁴	0.293	-0.9	-0.004	2.05	L-May 2018	-0.6
Girls' apparel.....	0.170	-3.8	-0.007	2.99	S-Jul.2016	-4.7
Footwear.....	0.670	0.3	0.002	1.29	S-Jun.2018	-1.3
Men's footwear.....	0.216	1.7	0.004	2.00	L-Oct.2016	2.0
Boys' and girls' footwear.....	0.160	4.6	0.007	2.35	L-May 2015	6.9
Women's footwear.....	0.294	-3.1	-0.009	1.69	S-Jan.2018	-3.6
Infants' and toddlers' apparel.....	0.135	5.2	0.007	2.57	S-Apr.2018	4.7
Jewelry and watches ⁸	0.253	-2.1	-0.004	4.64	S-Nov.2015	-2.3
Watches ⁸	0.098	-2.3	-0.001	10.80	S-Aug.2013	-2.6
Jewelry ⁸	0.155	-2.0	-0.002	4.96	S-Jun.2018	-2.7
Transportation commodities less motor fuel ¹⁰	6.643	0.8	0.056	0.19	L-Nov.2013	0.8
New vehicles.....	3.722	0.3	0.010	0.33	L-May 2017	0.3
New cars and trucks ^{4, 5}		0.3		0.39	L-Apr.2017	0.4
New cars ⁵		0.5		0.39	L-Jan.2017	0.5
New trucks ^{12, 5}		0.0		0.52	—	—
Used cars and trucks.....	2.429	1.3	0.042	0.09	L-Jan.2014	1.5
Motor vehicle parts and equipment.....	0.378	0.4	0.002	0.70	L-Jul.2017	0.5
Tires.....	0.223	-1.6	-0.004	1.03	—	—
Vehicle accessories other than tires ⁴	0.156	3.4	0.005	0.75	L-Apr.2012	3.6
Vehicle parts and equipment other than tires ⁵		3.3		0.80	L-Sep.2009	3.5
Motor oil, coolant, and fluids ⁵		5.2		1.08	L-Jun.2018	6.4
Medical care commodities.....	1.719	0.3	0.005	0.69	S-Dec.2013	0.3
Medicinal drugs ¹⁰	1.662	0.3	0.004	0.71	S-Sep.2013	0.2
Prescription drugs.....	1.321	0.8	0.010	0.87	S-Dec.2013	0.8
Nonprescription drugs ¹⁰	0.341	-1.6	-0.006	0.77	—	—
Medical equipment and supplies ¹⁰	0.057	0.3	0.000	0.90	S-Apr.2018	-1.8
Recreation commodities ¹⁰	1.815	-2.7	-0.049	0.43	—	—
Video and audio products ¹⁰	0.238	-12.8	-0.030	1.38	L-May 2018	-12.6
Televisions.....	0.109	-18.0	-0.021	1.88	L-May 2018	-17.0
Other video equipment ⁴	0.027	-2.3	0.000	1.71	L-May 2018	-1.8
Audio equipment.....	0.044	-14.1	-0.007	2.38	S-Jun.2018	-14.5
Recorded music and music subscriptions ⁴	0.050	-3.7	-0.001	7.26	L-Jun.2018	-3.3
Pets and pet products.....	0.599	0.4	0.003	0.54	—	—

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Pet food ^{4, 5}		-0.7		0.69	S-Mar.2018	-0.8
Purchase of pets, pet supplies, accessories ^{4, 5}		1.8		1.01	L-Nov.2016	2.1
Sporting goods.....	0.497	0.7	0.003	0.81	—	—
Sports vehicles including bicycles.....	0.287	3.8	0.010	1.23	S-Jun.2018	1.8
Sports equipment.....	0.203	-3.1	-0.006	1.05	L-Jun.2018	-2.2
Photographic equipment and supplies.....	0.032	-5.5	-0.002	2.01	L-May 2018	-0.8
Film and photographic supplies ^{4, 5}						
Photographic equipment ^{4, 5}		-4.9		2.74	—	—
Recreational reading materials.....	0.115	4.0	0.005	1.35	L-Feb.2013	4.1
Newspapers and magazines ⁴	0.070	5.2	0.003	1.97	L-Oct.2014	5.4
Recreational books ⁴	0.045	2.1	0.001	1.67	S-Apr.2018	0.9
Other recreational goods ⁴	0.334	-7.6	-0.027	0.98	S-Jun.2018	-8.2
Toys.....	0.263	-9.3	-0.027	1.11	S-Jun.2018	-10.2
Toys, games, hobbies and playground equipment ^{4, 5}		-9.4		1.57	S-Jun.2018	-10.4
Sewing machines, fabric and supplies ⁴	0.024	2.5	0.001	2.69	S-Dec.2017	-1.8
Music instruments and accessories ⁴	0.036	-0.1	0.000	1.50	L-Mar.2018	0.1
Education and communication commodities ¹⁰	0.545	-3.1	-0.018	0.97	L-Jun.2018	-2.4
Educational books and supplies.....	0.133	1.0	0.001	1.91	S-Apr.2018	0.4
College textbooks ^{13, 5}		0.5		1.65	S-Apr.2018	-0.3
Information technology commodities ¹⁰	0.413	-4.5	-0.020	1.04	L-Jun.2018	-4.1
Personal computers and peripheral equipment ⁶	0.309	-4.4	-0.013	1.24	L-Jun.2018	-3.7
Computer software and accessories ⁴	0.024	-3.7	-0.003	3.43	L-Apr.2018	-0.5
Telephone hardware, calculators, and other consumer information items ⁴	0.079	-4.9	-0.004	1.41	S-Jun.2018	-6.2
Alcoholic beverages.....	0.959	1.4	0.013	0.29	S-May 2018	1.4
Alcoholic beverages at home.....	0.596	1.1	0.006	0.43	S-May 2018	1.0
Beer, ale, and other malt beverages at home.....	0.264	1.2	0.003	0.52	S-May 2018	0.9
Distilled spirits at home.....	0.080	0.4	0.000	0.73	L-Nov.2016	0.6
Whiskey at home ⁵		0.1		0.99	L-Jun.2017	0.8
Distilled spirits, excluding whiskey, at home ⁵		0.2		1.03	—	—
Wine at home.....	0.252	1.1	0.003	0.81	S-Mar.2018	0.9
Alcoholic beverages away from home.....	0.364	1.9	0.007	0.32	S-Jun.2018	1.9
Beer, ale, and other malt beverages away from home ^{4, 5}		1.5		0.63	S-Jun.2018	1.2
Wine away from home ^{4, 5}		3.1		0.58	L-Feb.2013	3.2
Distilled spirits away from home ^{4, 5}		1.4		0.77	S-Oct.2017	1.3
Other goods ¹⁰	1.549	1.1	0.017	0.34	L-May 2018	1.4
Tobacco and smoking products.....	0.647	3.3	0.022	0.44	L-May 2018	3.3
Cigarettes ⁴	0.573	3.3	0.019	0.43	L-Mar.2018	5.9
Tobacco products other than cigarettes ⁴	0.059	4.2	0.002	1.18	L-Jun.2018	4.4
Personal care products.....	0.689	0.4	0.003	0.54	L-May 2018	0.4
Hair, dental, shaving, and miscellaneous personal care products ⁴	0.378	1.3	0.005	0.81	L-May 2015	1.9
Cosmetics, perfume, bath, nail preparations and implements.....	0.304	-0.7	-0.002	0.85	S-Oct.2017	-1.0
Miscellaneous personal goods ⁴	0.214	-3.3	-0.008	1.81	S-Apr.2017	-5.0
Stationery, stationery supplies, gift wrap ⁵		0.6		1.51	S-Mar.2018	-0.5
Infants' equipment ^{7, 5}		-6.0		1.28	S-Mar.2017	-8.4
Services less energy services.....	59.115	3.0	1.769	0.09	S-May 2018	3.0
Shelter.....	32.811	3.4	1.118	0.10	S-Jun.2018	3.4
Rent of shelter ¹⁴	32.436	3.4	1.111	0.10	S-Jun.2018	3.4
Rent of primary residence.....	7.786	3.6	0.282	0.11	—	—
Lodging away from home ⁴	1.019	2.4	0.031	2.03	S-Jun.2018	1.6

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Housing at school, excluding board ¹⁴	0.112	2.5	0.003	0.29	L-Jul.2017	2.8
Other lodging away from home including hotels and motels.....	0.907	2.1	0.029	2.37	S-Jun.2018	1.2
Owners' equivalent rent of residences ¹⁴	23.632	3.3	0.798	0.10	S-Mar.2018	3.3
Owners' equivalent rent of primary residence ¹⁴ ..	22.313	3.3	0.758	0.10	S-Mar.2018	3.3
Tenants' and household insurance ⁴	0.375	1.7	0.007	0.37	L-Dec.2015	1.9
Water and sewer and trash collection services ⁴	1.075	3.8	0.041	0.20	L-Feb.2017	3.8
Water and sewerage maintenance.....	0.813	3.4	0.028	0.24	S-Jun.2018	3.3
Garbage and trash collection ¹²	0.262	4.8	0.013	0.38	L-Dec.2008	5.0
Household operations ⁴	0.872	5.6	0.047	0.99	S-Mar.2018	5.6
Domestic services ⁴	0.298		0.007	0.41	—	—
Gardening and lawn care services ⁴	0.289	8.9	0.024	0.51	L-Nov.2008	11.1
Moving, storage, freight expense ⁴	0.102	6.5	0.007	4.54	S-May 2018	5.5
Repair of household items ⁴	0.108	4.6	0.005	0.81	S-Jan.2018	4.5
Medical care services.....	6.897	1.9	0.128	0.32	S-Feb.2018	1.8
Professional services.....	3.248	0.8	0.027	0.38	S-Mar.2018	0.6
Physicians' services.....	1.729	0.3	0.006	0.62	S-Apr.2018	0.3
Dental services.....	0.787	2.1	0.016	0.50	S-Jan.2018	1.5
Eyeglasses and eye care ⁸	0.316	1.2	0.004	0.78	S-May 2018	0.1
Services by other medical professionals ⁸	0.417	0.6	0.002	0.86	S-May 2018	0.6
Hospital and related services.....	2.603	4.1	0.104	0.50	S-Aug.2017	4.1
Hospital services ¹⁵	2.326	4.2	0.095	0.55	S-Oct.2016	4.1
Inpatient hospital services ^{15, 5}		3.6		1.65	S-Sep.2015	3.2
Outpatient hospital services ^{8, 5}		3.8		1.51	S-Jan.2017	3.4
Nursing homes and adult day services ¹⁵	0.190	3.8	0.007	0.44	L-Oct.2012	3.8
Care of invalids and elderly at home ⁷	0.086	2.0	0.002	1.16	L-Oct.2016	2.4
Health insurance ⁷	1.046	-0.3	-0.003	0.36	S-Mar.2015	-0.4
Transportation services.....	5.967	3.9	0.227	0.25	S-Jun.2018	3.7
Leased cars and trucks ¹³	0.654	7.0	0.042	1.20	L-Aug.2009	8.0
Car and truck rental ⁴	0.129	-6.1	-0.005	2.67	L-May 2018	-2.6
Motor vehicle maintenance and repair.....	1.110	2.3	0.026	0.47	—	—
Motor vehicle body work.....	0.055	3.3	0.002	0.64	L-Nov.2016	3.4
Motor vehicle maintenance and servicing.....	0.624	2.8	0.018	0.69	S-May 2018	2.5
Motor vehicle repair ⁴	0.368	1.4	0.005	0.64	L-Oct.2017	2.2
Motor vehicle insurance.....	2.377	6.4	0.156	0.46	S-Sep.2016	6.4
Motor vehicle fees ⁴	0.538	1.7	0.009	0.35	L-Jun.2018	1.9
State motor vehicle registration and license fees ⁴	0.278	1.4	0.004	0.43	L-Jun.2018	1.4
Parking and other fees ⁴	0.243	1.9	0.005	0.54	S-Feb.2018	1.7
Parking fees and tolls ^{4, 5}		1.6		1.21	L-Jun.2018	2.3
Automobile service clubs ^{4, 5}				1.99	—	—
Public transportation.....	1.158	-0.1	-0.001	0.63	L-Oct.2017	0.2
Airline fares.....	0.702	-1.3	-0.008	0.94	L-Oct.2017	-1.3
Other intercity transportation.....	0.170	-0.5	-0.001	1.21	S-Nov.2017	-0.7
Intercity bus fare ^{6, 5}		-2.5		3.59	S-EVER	—
Intercity train fare ^{6, 5}						
Ship fare ^{4, 5}		0.0		2.08	S-May 2018	-0.5
Intracity transportation.....	0.278	2.6	0.007	0.30	L-Mar.2018	3.1
Intracity mass transit ^{10, 5}		3.9		0.81	S-Jun.2018	2.6
Recreation services ¹⁰	3.841	1.4	0.054	0.55	S-Nov.2014	1.2
Video and audio services ¹⁰	1.577	0.9	0.015	0.50	S-Jun.2015	0.9
Cable and satellite television service ¹²	1.491	1.0	0.015	0.51	L-Jun.2018	1.2
Video discs and other media, including rental of video ⁴	0.087	-0.3	0.000	1.69	S-Dec.2017	-1.0

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2018, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Video discs and other media ^{4, 5}		-3.9		3.58	S-Feb.2018	-5.0
Rental of video discs and other media ^{4, 5}		3.4		0.80	S-Mar.2018	2.7
Pet services including veterinary ⁴	0.411	2.1	0.008	0.57	S-Apr.2018	2.1
Pet services ^{4, 5}		1.2		0.60	S-Apr.2018	0.7
Veterinarian services ^{4, 5}		2.2		0.65	S-Feb.2018	2.2
Photographers and photo processing ⁴	0.038	-1.1	0.000	1.05	L-Sep.2017	-1.0
Photographer fees ^{4, 5}		0.8		1.26	—	—
Photo processing ^{4, 5}		-6.1		1.21	L-Dec.2017	-4.5
Other recreation services ⁴	1.813	1.7	0.032	1.08	S-Apr.2018	1.5
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ⁴	0.664	2.3	0.015	1.42	—	—
Admissions.....	0.664	1.2	0.008	1.68	S-Apr.2018	0.0
Admission to movies, theaters, and concerts ^{4, 5}		1.3		1.68	S-Mar.2017	1.3
Admission to sporting events ^{4, 5}		3.1		3.59	S-May 2018	1.2
Fees for lessons or instructions ⁸	0.214	1.7	0.004	1.34	L-Jun.2018	1.8
Education and communication services ¹⁰	6.021	1.6	0.099	0.24	L-May 2016	1.7
Tuition, other school fees, and childcare.....	2.847	2.8	0.081	0.20	L-Jun.2016	2.9
College tuition and fees.....	1.576	2.7	0.046	0.26	L-Jul.2016	2.7
Elementary and high school tuition and fees.....	0.327	4.8	0.016	0.42	L-Aug.2009	5.2
Child care and nursery school ¹¹	0.794	2.0	0.016	0.40	L-Sep.2017	2.2
Technical and business school tuition and fees ⁴	0.032	2.3	0.001	1.02	S-May 2018	2.3
Postage and delivery services ⁴	0.108	2.5	0.003	0.22	—	—
Postage.....	0.094	2.0	0.002	0.22	—	—
Delivery services ⁴	0.014	7.2	0.001	0.99	S-Jun.2018	6.9
Telephone services ⁴	2.277	0.4	0.010	0.50	S-May 2018	0.0
Wireless telephone services ⁴	1.704	0.2	0.002	0.64	S-May 2018	-0.5
Land-line telephone services ¹⁰	0.573	1.1	0.008	0.61	S-May 2018	1.0
Internet services and electronic information providers ⁴	0.781	0.7	0.005	1.21	S-Jun.2018	-1.3
Other personal services ¹⁰	1.632	3.3	0.053	0.25	—	—
Personal care services.....	0.624	2.4	0.015	0.36	S-Apr.2018	2.3
Haircuts and other personal care services ⁴	0.624	2.4	0.015	0.36	S-Apr.2018	2.3
Miscellaneous personal services.....	1.007	3.8	0.038	0.38	L-May 2018	4.2
Legal services ⁸	0.304	4.3	0.013	0.56	L-May 2018	4.8
Funeral expenses ⁸	0.127	1.9	0.003	0.41	S-Jun.2018	1.9
Laundry and dry cleaning services ⁴	0.237	2.6	0.006	0.74	L-May 2018	2.6
Apparel services other than laundry and dry cleaning ⁴	0.028	2.1	0.001	0.91	L-Feb.2017	2.1
Financial services ⁸	0.240	5.5	0.013	1.03	S-Mar.2018	1.4
Checking account and other bank services ^{4, 5}		10.0		0.96	L-EVER	—
Tax return preparation and other accounting fees ^{4, 5}		5.9		1.14	S-Mar.2018	-1.7
Special aggregate indexes						
All items less food.....	86.776	2.9	2.507	0.07	S-Apr.2018	2.6
All items less shelter.....	67.189	2.4	1.581	0.08	S-May 2018	2.4
All items less food and shelter.....	53.965	2.6	1.388	0.10	S-Apr.2018	2.1
All items less food, shelter, and energy.....	45.887	1.3	0.621	0.11	S-May 2018	1.3
All items less food, shelter, energy, and used cars and trucks.....	43.458	1.3	0.578	0.12	S-Apr.2018	1.3
All items less medical care.....	91.384	2.8	2.566	0.07	S-May 2018	2.8
All items less energy.....	91.921	2.1	1.931	0.07	S-Jun.2018	2.1
Commodities.....	37.440	2.5	0.952	0.11	S-Apr.2018	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, August 2018, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2018	Twelve Month				
		Unadjusted percent change Aug. 2017-Aug. 2018	Unadjusted effect on All Items Aug. 2017-Aug. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Commodities less food, energy, and used cars and trucks.....	17.153	-0.4	-0.072	0.21	S-Mar.2018	-0.4
Commodities less food.....	24.216	3.2	0.760	0.17	S-Apr.2018	1.9
Commodities less food and beverages.....	23.257	3.2	0.747	0.17	S-Apr.2018	1.9
Services.....	62.560	2.8	1.747	0.08	S-Jun.2018	2.8
Services less rent of shelter ¹⁴	30.124	2.1	0.636	0.13	S-Feb.2018	2.0
Services less medical care services.....	55.663	2.9	1.619	0.09	S-Jun.2018	2.9
Durables.....	9.989	-0.2	-0.013	0.18	L-Jul.2012	0.0
Nondurables.....	27.451	3.6	0.965	0.13	S-Apr.2018	2.9
Nondurables less food.....	14.227	5.6	0.773	0.24	S-Apr.2018	4.4
Nondurables less food and beverages.....	13.268	5.9	0.760	0.25	S-Apr.2018	4.6
Nondurables less food, beverages, and apparel.....	10.262	8.3	0.800	0.20	S-Apr.2018	5.8
Nondurables less food and apparel.....	11.221	7.7	0.813	0.18	S-Apr.2018	5.4
Housing.....	41.736	2.9	1.207	0.09	—	—
Education and communication ⁴	6.566	1.2	0.081	0.22	L-Apr.2016	1.2
Education ⁴	2.979	2.7	0.083	0.22	L-Feb.2017	2.7
Communication ⁴	3.587	0.0	-0.002	0.37	S-Jun.2018	-0.3
Information and information processing ⁴	3.479	-0.1	-0.005	0.38	S-Jun.2018	-0.4
Information technology, hardware and services ¹⁶	1.203	-1.2	-0.014	0.81	L-Aug.2014	-1.2
Recreation ⁴	5.656	0.1	0.005	0.40	S-May 2015	0.1
Video and audio ⁴	1.815	-0.8	-0.016	0.46	—	—
Pets, pet products and services ⁴	1.011	1.0	0.011	0.40	S-Apr.2018	0.8
Photography ⁴	0.072	-3.1	-0.003	1.02	L-May 2018	-1.1
Food and beverages.....	14.183	1.4	0.206	0.09	—	—
Domestically produced farm food.....	6.073	0.4	0.025	0.17	—	—
Other services.....	11.494	1.8	0.207	0.21	—	—
Apparel less footwear.....	2.337	-1.8	-0.042	0.97	S-Nov.2015	-1.8
Fuels and utilities.....	4.709	1.3	0.055	0.12	L-May 2018	1.8
Household energy.....	3.634	0.5	0.014	0.15	L-May 2018	1.4
Medical care.....	8.616	1.5	0.133	0.30	S-Aug.1950	1.3
Transportation.....	17.055	6.4	1.037	0.12	S-May 2018	5.9
Private transportation.....	15.897	6.9	1.039	0.12	S-May 2018	6.6
New and used motor vehicles ⁴	7.049	1.2	0.091	0.21	L-May 2012	1.5
Utilities and public transportation.....	9.445	0.5	0.043	0.16	L-May 2018	0.5
Household furnishings and operations.....	4.216	0.8	0.033	0.36	—	—
Other goods and services.....	3.181	2.2	0.071	0.21	L-Jun.2018	2.2
Personal care.....	2.534	1.9	0.048	0.26	L-Jun.2018	2.0

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

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

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

⁴ Indexes on a December 1997=100 base.

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

⁶ Indexes on a December 2007=100 base.

⁷ Indexes on a December 2005=100 base.

⁸ Indexes on a December 1986=100 base.

⁹ Indexes on a December 1993=100 base.

¹⁰ Indexes on a December 2009=100 base.

¹¹ Indexes on a December 1990=100 base.

¹² Indexes on a December 1983=100 base.

¹³ Indexes on a December 2001=100 base.

¹⁴ Indexes on a December 1982=100 base.

¹⁵ Indexes on a December 1996=100 base.

¹⁶ Indexes on a December 1988=100 base.