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CONSUMER PRICE INDEX – AUGUST 2017

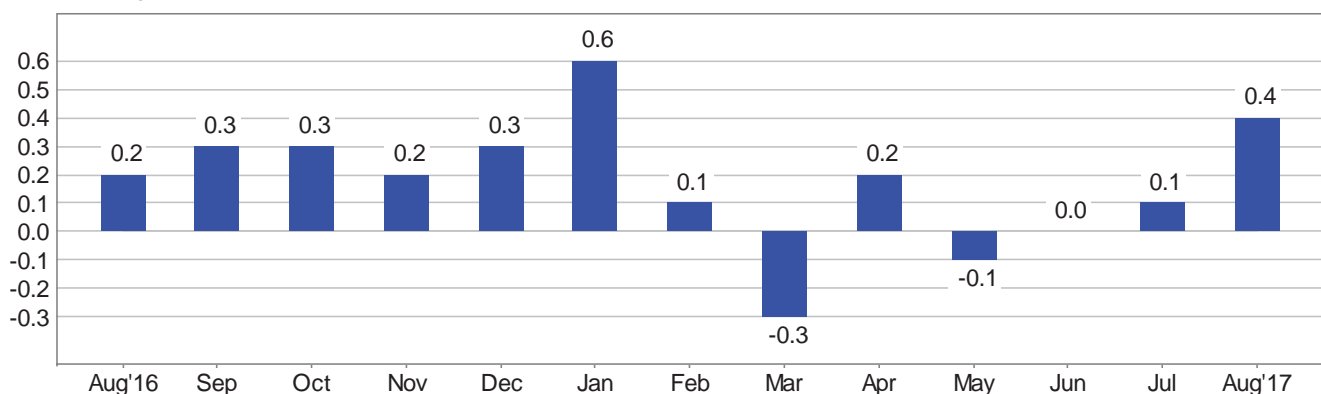
The Consumer Price Index for All Urban Consumers (CPI-U) rose 0.4 percent in August on a seasonally adjusted basis, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index rose 1.9 percent.

Increases in the indexes for gasoline and shelter accounted for nearly all of the seasonally adjusted increase in the all items index. The energy index rose 2.8 percent in August as the gasoline index increased 6.3 percent. The shelter index rose 0.5 percent in August with the rent index up 0.4 percent. The food index rose slightly in August, with the index for food away from home increasing and the food at home index declining.

The index for all items less food and energy rose 0.2 percent in August. Along with the shelter index, the indexes for motor vehicle insurance, medical care, and recreation all increased in August. The indexes for airline fares and for used cars and trucks were among those that declined in August.

The all items index rose 1.9 percent for the 12 months ending August, a larger increase than the 1.7 percent increase for the 12 months ending July. The 12-month change in the index for all items less food and energy remained at 1.7 percent for the fourth month in a row. It has remained in the range of 1.6 percent to 2.3 percent since June 2011. The energy index rose 6.4 percent over the past 12 months, and the food index increased 1.1 percent.

Chart 1. One-month percent change in CPI for All Urban Consumers (CPI-U), seasonally adjusted, Aug. 2016 - Aug. 2017
 Percent change



Hurricane Harvey

Hurricane Harvey had a very small effect on survey response rates in August. Price collection late in the month was disrupted in 2 of the 87 collection areas.

Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, Aug. 2016 - Aug. 2017

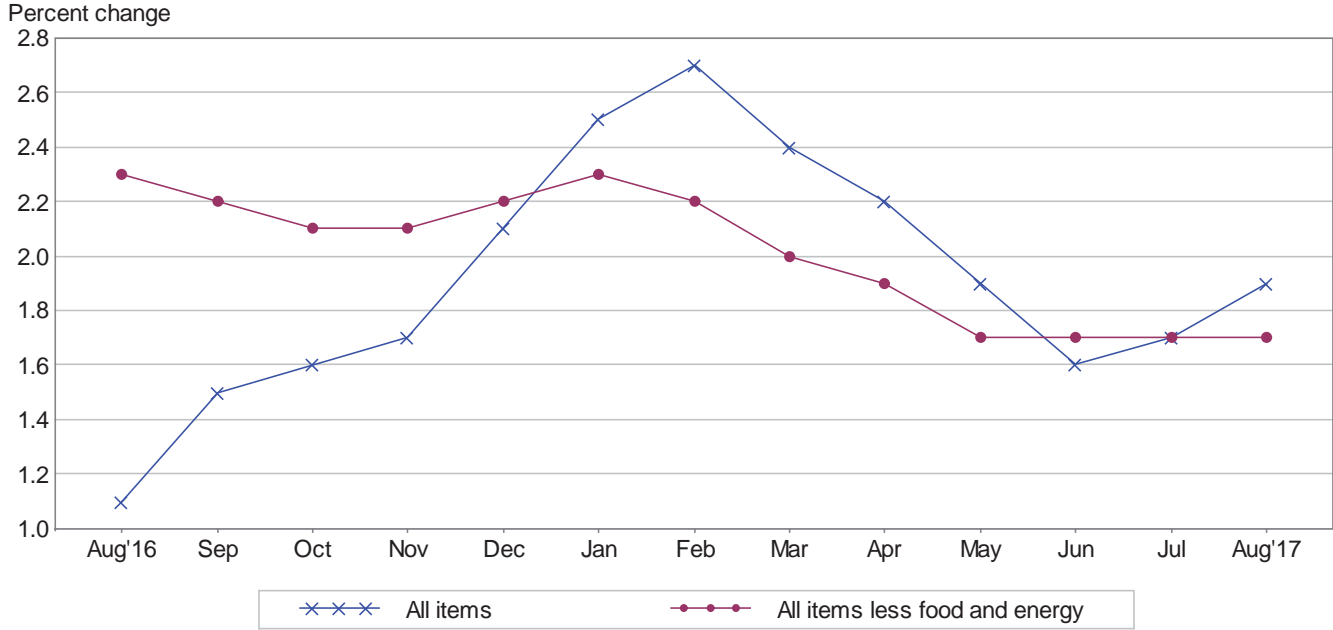


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Aug. 2017
	Feb. 2017	Mar. 2017	Apr. 2017	May 2017	June 2017	July 2017	Aug. 2017	
All items .....	.1	-.3	.2	-.1	.0	.1	.4	1.9
Food .....	.2	.3	.2	.2	.0	.2	.1	1.1
Food at home .....	.3	.5	.2	.1	-.1	.2	-.2	.3
Food away from home ¹ .....	.2	.2	.2	.2	.0	.2	.3	2.2
Energy	-1.0	-3.2	1.1	-2.7	-1.6	-.1	2.8	6.4
Energy commodities	-2.8	-6.0	1.3	-6.2	-2.7	.0	6.1	10.3
Gasoline (all types)	-3.0	-6.2	1.2	-6.4	-2.8	.0	6.3	10.4
Fuel oil ¹	-.4	-.8	-.3	-2.8	-3.7	-2.0	2.9	9.4
Energy services	1.0	-.3	.9	.7	-.5	-.2	-.1	2.9
Electricity .....	.8	-.1	.6	.3	-.6	.4	.0	2.3
Utility (piped) gas service	1.5	-.8	2.2	1.9	-.2	-2.3	-.5	5.4
All items less food and energy .....	.2	-.1	.1	.1	.1	.1	.2	1.7
Commodities less food and energy								
commodities .....	.0	-.3	-.2	-.3	-.1	-.1	-.1	-.9
New vehicles	-.2	-.3	-.2	-.2	-.3	-.5	.0	-.7
Used cars and trucks	-.6	-.9	-.5	-.2	-.7	-.5	-.2	-3.8
Apparel .....	.6	-.7	-.3	-.8	-.1	.3	.1	-.6
Medical care commodities	-.2	-.2	-.8	.4	.7	1.0	-.1	2.4
Services less energy services .....	.3	-.1	.1	.2	.2	.2	.4	2.5
Shelter .....	.3	.1	.3	.2	.2	.1	.5	3.3
Transportation services .....	.7	.4	-.2	.3	.2	.2	.4	3.5
Medical care services .....	.2	.1	.0	-.1	.3	.3	.2	1.6

¹ Not seasonally adjusted.

Food

The food index rose 0.1 percent in August following a 0.2-percent increase in July. The index for food at home declined 0.2 percent after rising 0.2 percent the prior month. Five of the six major grocery store food group indexes fell, with the indexes for dairy and related products and for nonalcoholic beverages both declining 0.4 percent. The index for meats, poultry, fish, and eggs fell 0.2 percent, as did the fruits and vegetables index; both indexes increased in July. The index for other food at home fell 0.1 percent in August.

The only major grocery store food group index to rise in August was the index for cereal and bakery products, which rose 0.3 percent after declining in July. The index for food away from home also increased, rising 0.3 percent.

Over the last 12 months, the index for food at home rose 0.3 percent. Four of the six major grocery store food group indexes increased, but none more than 1.0 percent. The indexes for cereals and bakery products and for nonalcoholic beverages fell slightly over the span. The index for food away from home rose 2.2 percent over the last year.

Energy

The energy index rose 2.8 percent in August, its largest monthly increase since January. The gasoline index increased 6.3 percent after being unchanged in July. (Before seasonal adjustment, gasoline prices increased 3.9 percent in August.) However, the index for natural gas continued to decline, falling 0.5 percent in August after a 2.3-percent decrease in July. The electricity index was unchanged in August following an increase in July.

The major energy component indexes all continued to show increases over the past 12 months. The gasoline index increased 10.4 percent, the index for natural gas rose 5.4 percent, and the index for electricity advanced 2.3 percent.

All items less food and energy

The index for all items less food and energy increased 0.2 percent in August. The shelter index was the main contributor to the rise, increasing 0.5 percent, its largest increase since October 2005. The rent index increased 0.4 percent, and the index for owners' equivalent rent rose 0.3 percent. The index for lodging away from home rose sharply, increasing 4.4 percent after decreasing 4.2 percent in July.

The motor vehicle insurance index continued to rise, increasing 1.0 percent in August. The recreation index also increased in August, rising 0.2 percent. The medical care index rose 0.1 percent in August. The index for physicians' services advanced 0.4 percent, and the hospital services index increased 0.2 percent. The apparel index rose 0.1 percent in August, as did the indexes for alcoholic beverages and for household furnishings and operations. The index for new vehicles was unchanged in August after declining in July.

The index for airline fares, which rose 0.7 percent in July, fell 1.0 percent in August. The index for used cars and trucks continued to decline, falling 0.2 percent. The indexes for tobacco, for education, for wireless telephone services, and for personal care all declined 0.1 percent over the month.

The index for all items less food and energy rose 1.7 percent over the past 12 months. The index for motor vehicle insurance rose 8.1 percent over the last year. The shelter index rose 3.3 percent, with the rent index increasing 3.9 percent, the index for owners' equivalent rent rising 3.3 percent, and the lodging away from home index advancing 0.2 percent. The medical care index rose 1.8 percent. Several indexes declined over the past 12 months, including those for wireless telephone services (-13.2 percent), used cars and trucks (-3.8 percent), airline fares (-3.2 percent), new vehicles (-0.7 percent), and apparel (-0.6 percent).

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 1.9 percent over the last 12 months to an index level of 245.519 (1982-84=100). For the month, the index increased 0.3 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 1.9 percent over the last 12 months to an index level of 239.448 (1982-84=100). For the month, the index increased 0.3 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 1.8 percent over the last 12 months. For the month, the index increased 0.3 percent on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

The Consumer Price Index for September 2017 is scheduled to be released on Friday, October 13, 2017, at 8:30 a.m. (EDT).

Consumer Price Index Geographic Revision for 2018

In January 2018, BLS will introduce a new geographic area sample for the Consumer Price Index (CPI). The 2018 revision utilizes the 2010 Decennial Census and incorporates an updated area sample design, changes the frequency of publication for several local area indexes, and establishes some new local area and aggregate indexes. The first indexes using the new structure will be published in February 2018. Additional information on the geographic revision is available at: www.bls.gov/cpi/georevision2018.htm.

Technical Note

Brief Explanation of the CPI

The Consumer Price Index (CPI) measures the change in prices paid by consumers for goods and services. The CPI reflects spending patterns for each of two population groups: all urban consumers and urban wage earners and clerical workers. The all urban consumer group represents about 89 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 28 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 87 urban areas across the country from about 6,000 housing units and approximately 24,000 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 87 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 27 selected local areas. Area indexes do not measure differences in the level of prices among cities; they only measure the average change in prices for each area since the base period. For the C-CPI-U, data are issued only at the national level. The CPI-U and CPI-W are considered final when released, but the C-CPI-U is issued in preliminary form and subject to three subsequent quarterly revisions.

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

Sampling Error in the CPI

The CPI is a statistical estimate that is subject to sampling error because it is based upon a sample of retail prices and not the complete universe of all prices. BLS calculates and publishes estimates of the 1-month, 2-month, 6-month, and 12-month percent change standard errors annually for the CPI-U. These standard error estimates can be used to construct confidence intervals for hypothesis testing. For example, the estimated standard error of the 1-month percent change is 0.03 percent for the U.S. all items CPI. This means that if we repeatedly sample from the universe of all retail prices using the same methodology, and estimate a percentage change for each sample, then 95 percent of these estimates will be within 0.06 percent of the 1-month percentage change based on all retail prices. For example, for a 1-month change of 0.2 percent in the all items CPI-U, we are 95 percent confident that the actual percent change based on all retail prices would fall between 0.14 and 0.26 percent. For the latest data, including information on how to use the estimates of standard error, see www.bls.gov/cpi/cpivar2016.pdf.

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 Fact Sheet on Seasonal Adjustment at www.bls.gov/cpi/cpisaqanda.htm and the Timeline of Seasonal Adjustment Methodological Changes at www.bls.gov/cpi/cpiseastimeline.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 2017, BLS adjusted 40 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 2017, revised seasonal factors and seasonally adjusted indexes for 2012 to 2016 were calculated and published. For series which are directly adjusted using the Census X-13ARIMA-SEATS seasonal adjustment software, the seasonal factors for 2016 will be applied to data for 2017 to produce the seasonally adjusted 2017 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-seven of the 81 components of the U.S. city average all items index are not seasonally adjusted for 2017.

Contact Information

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

For additional information on seasonal adjustment in the CPI visit www.bls.gov/cpi/cpisapage.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 2017

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016	Jul. 2017	Aug. 2017	Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
All items.....	100.000	240.849	244.786	245.519	1.9	0.3	0.0	0.1	0.4
Food.....	13.668	247.719	250.214	250.493	1.1	0.1	0.0	0.2	0.1
Food at home.....	7.873	238.088	238.953	238.843	0.3	0.0	-0.1	0.2	-0.2
Cereals and bakery products.....	1.056	273.104	271.950	272.544	-0.2	0.2	-0.1	-0.4	0.3
Meats, poultry, fish, and eggs.....	1.760	246.547	247.761	247.985	0.6	0.1	0.6	0.7	-0.2
Dairy and related products.....	0.801	215.506	216.434	216.537	0.5	0.0	-0.5	0.3	-0.4
Fruits and vegetables.....	1.333	292.156	294.935	295.009	1.0	0.0	-0.1	0.5	-0.2
Nonalcoholic beverages and beverage materials.....	0.942	167.044	167.085	166.822	-0.1	-0.2	-0.6	-0.3	-0.4
Other food at home.....	1.981	209.761	210.624	209.905	0.1	-0.3	-0.3	0.0	-0.1
Food away from home ¹	5.796	263.649	268.649	269.522	2.2	0.3	0.0	0.2	0.3
Energy.....	7.275	193.524	202.554	205.894	6.4	1.6	-1.6	-0.1	2.8
Energy commodities.....	3.478	193.119	205.222	212.978	10.3	3.8	-2.7	0.0	6.1
Fuel oil ¹	0.095	207.143	220.152	226.590	9.4	2.9	-3.7	-2.0	2.9
Motor fuel.....	3.298	190.209	202.051	209.881	10.3	3.9	-2.8	0.0	6.3
Gasoline (all types).....	3.249	189.375	201.173	209.000	10.4	3.9	-2.8	0.0	6.3
Energy services ²	3.797	202.521	209.084	208.454	2.9	-0.3	-0.5	-0.2	-0.1
Electricity ²	2.981	214.222	219.696	219.078	2.3	-0.3	-0.6	0.4	0.0
Utility (piped) gas service ²	0.817	164.715	174.301	173.646	5.4	-0.4	-0.2	-2.3	-0.5
All items less food and energy.....	79.057	248.278	251.936	252.460	1.7	0.2	0.1	0.1	0.2
Commodities less food and energy commodities.....	18.872	145.140	143.915	143.895	-0.9	0.0	-0.1	-0.1	-0.1
Apparel.....	2.989	124.871	122.485	124.147	-0.6	1.4	-0.1	0.3	0.1
New vehicles.....	3.601	146.713	146.190	145.712	-0.7	-0.3	-0.3	-0.5	0.0
Used cars and trucks.....	1.988	144.858	139.519	139.350	-3.8	-0.1	-0.7	-0.5	-0.2
Medical care commodities.....	1.870	372.106	380.302	381.114	2.4	0.2	0.7	1.0	-0.1
Alcoholic beverages.....	0.944	242.009	244.706	245.042	1.3	0.1	0.2	0.1	0.1
Tobacco and smoking products.....	0.687	969.004	1,030.729	1,029.619	6.3	-0.1	-0.4	-0.1	-0.1
Services less energy services.....	60.185	311.746	318.674	319.559	2.5	0.3	0.2	0.2	0.4
Shelter.....	33.793	289.605	297.919	299.157	3.3	0.4	0.2	0.1	0.5
Rent of primary residence ²	7.907	297.916	308.173	309.479	3.9	0.4	0.3	0.2	0.4
Owners' equivalent rent of residences ^{2, 3}	24.612	296.521	305.037	306.201	3.3	0.4	0.3	0.3	0.3
Medical care services.....	6.672	499.187	506.681	507.390	1.6	0.1	0.3	0.3	0.2
Physicians' services ²	1.658	382.156	377.989	378.990	-0.8	0.3	-0.4	0.1	0.4
Hospital services ^{2, 4}	2.296	305.972	319.387	319.394	4.4	0.0	0.9	0.5	0.2
Transportation services.....	5.996	298.876	310.567	309.469	3.5	-0.4	0.2	0.2	0.4
Motor vehicle maintenance and repair ¹	1.155	275.923	279.605	280.488	1.7	0.3	-0.4	0.1	0.3
Motor vehicle insurance.....	2.551	491.047	526.394	530.908	8.1	0.9	1.0	0.3	1.0
Airline fares.....	0.641	268.040	276.308	259.359	-3.2	-6.1	-2.7	0.7	-1.0

¹ Not seasonally adjusted.

² This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

³ Indexes on a December 1982=100 base.

⁴ Indexes on a December 1996=100 base.

NOTE: Index applies to a month as a whole, not to any specific date.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2017

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
All items.....	100.000	1.9	0.3	0.0	0.1	0.4
Food.....	13.668	1.1	0.1	0.0	0.2	0.1
Food at home.....	7.873	0.3	0.0	-0.1	0.2	-0.2
Cereals and bakery products.....	1.056	-0.2	0.2	-0.1	-0.4	0.3
Cereals and cereal products.....	0.352	-1.2	-0.1	-0.5	0.1	0.4
Flour and prepared flour mixes.....	0.043	-1.6	-0.6	-1.4	1.6	-0.2
Breakfast cereal ¹	0.181	-0.8	-0.7	-0.4	0.3	-0.7
Rice, pasta, cornmeal ¹	0.128	-1.6	1.0	0.1	-0.1	1.0
Rice ^{1, 2, 3}		-0.9	1.1	0.7	-0.2	1.1
Bakery products ¹	0.703	0.3	0.4	0.2	-0.4	0.4
Bread ^{1, 2}	0.208	0.4	0.9	0.9	-1.4	0.9
White bread ^{1, 3}		1.2	0.5	0.7	-1.0	0.5
Bread other than white ^{1, 3}		-0.6	1.3	1.1	-1.9	1.3
Fresh biscuits, rolls, muffins ²	0.103	-0.8	-0.3	-0.2	-0.8	-0.6
Cakes, cupcakes, and cookies.....	0.171	1.3	0.2	-0.1	-0.3	0.3
Cookies ³		1.5	1.2	-0.7	-1.0	1.4
Fresh cakes and cupcakes ^{1, 3}		0.7	-1.0	0.3	0.5	-1.0
Other bakery products.....	0.222	0.0	0.3	0.1	0.5	-0.4
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}		1.5	1.2	0.3	-0.3	1.2
Crackers, bread, and cracker products ³		-1.7	0.0	1.5	-0.4	-1.1
Frozen and refrigerated bakery products, pies, tarts, turnovers ³		1.0	-0.5	0.1	1.0	-0.4
Meats, poultry, fish, and eggs.....	1.760	0.6	0.1	0.6	0.7	-0.2
Meats, poultry, and fish.....	1.666	0.8	0.0	0.7	0.8	-0.2
Meats.....	1.061	0.7	0.0	1.0	1.3	-0.4
Beef and veal.....	0.479	0.8	-0.7	2.9	1.2	-0.4
Uncooked ground beef ¹	0.195	1.9	-0.1	2.9	1.8	-0.1
Uncooked beef roasts ^{1, 2}	0.065	0.5	-2.1	3.5	-0.6	-2.1
Uncooked beef steaks ²	0.170	-1.3	-1.2	2.2	1.6	-1.5
Uncooked other beef and veal ^{1, 2}	0.048	4.4	0.5	3.0	0.8	0.5
Pork.....	0.331	0.9	1.4	-0.1	0.6	0.3
Bacon, breakfast sausage, and related products ²	0.142	6.0	2.7	0.4	1.0	1.8
Bacon and related products ³		12.5	5.4	0.3	1.3	3.8
Breakfast sausage and related products ^{2, 3}		-1.4	-0.6	0.7	1.2	-0.4
Ham.....	0.061	0.9	-0.4	2.4	3.1	-2.2
Ham, excluding canned ³		0.7	-0.6	2.4	3.3	-2.7
Pork chops ¹	0.052	-4.1	2.0	-1.2	-0.3	2.0
Other pork including roasts and picnics ²	0.075	-4.4	-0.2	-0.5	-0.4	-1.2
Other meats.....	0.251	0.2	-0.5	-1.2	2.4	-1.2
Frankfurters ³		3.2	1.5	-3.0	6.3	0.6
Lunchmeats ^{2, 3}		-0.1	-1.0	-1.2	2.0	-1.7
Lamb and organ meats ^{1, 3}		-2.1	-1.0	1.0	0.5	-1.0
Lamb and mutton ^{1, 2, 3}						
Poultry ¹	0.341	1.0	0.2	0.0	0.1	0.2
Chicken ^{1, 2}	0.278	2.1	0.3	0.2	0.3	0.3
Fresh whole chicken ^{1, 3}		0.3	-0.5	0.7	-0.2	-0.5
Fresh and frozen chicken parts ^{1, 3}		2.5	0.6	0.0	0.4	0.6
Other poultry including turkey ²	0.063	-3.7	-0.2	-1.9	-1.0	0.2
Fish and seafood.....	0.264	1.2	-0.2	0.6	-0.2	0.0
Fresh fish and seafood ²	0.143	1.1	0.0	1.1	-0.4	0.2
Processed fish and seafood ²	0.121	1.4	-0.4	0.0	-0.3	-0.1
Shelf stable fish and seafood ^{1, 3}		0.8	-0.6	0.4	0.1	-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 2017 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
Frozen fish and seafood ³		1.2	-0.8	-0.8	0.4	-0.3
Eggs.....	0.093	-3.7	1.7	-1.9	-2.1	0.1
Dairy and related products.....	0.801	0.5	0.0	-0.5	0.3	-0.4
Milk ^{1, 2}	0.224	-0.3	-0.3	-0.8	0.1	-0.3
Fresh whole milk ³		-1.1	-1.1	-1.1	0.3	-1.5
Fresh milk other than whole ^{2, 3}		0.1	0.2	-0.1	-0.7	-0.3
Cheese and related products.....	0.260	1.2	0.6	0.5	0.1	0.4
Ice cream and related products.....	0.112	0.3	0.9	-1.7	1.5	-0.3
Other dairy and related products ^{1, 2}	0.206	0.5	-0.7	-1.0	1.3	-0.7
Fruits and vegetables.....	1.333	1.0	0.0	-0.1	0.5	-0.2
Fresh fruits and vegetables.....	1.044	1.6	0.0	-0.2	0.8	-0.4
Fresh fruits.....	0.563	1.3	0.0	1.1	1.2	-1.0
Apples.....	0.089	-0.7	3.0	-1.7	1.8	1.9
Bananas ¹	0.084	-0.9	-0.3	0.6	-1.2	-0.3
Citrus fruits ²	0.167	3.8	0.2	4.7	0.0	-2.3
Oranges, including tangerines ³		5.9	-0.1	6.3	-0.5	-5.2
Other fresh fruits ²	0.222	1.1	-1.2	-0.1	2.6	-1.9
Fresh vegetables.....	0.481	2.1	0.0	-1.6	0.2	0.3
Potatoes.....	0.083	1.7	0.1	-0.3	0.4	-0.8
Lettuce.....	0.061	1.8	2.9	-8.2	-3.7	2.4
Tomatoes ¹	0.080	2.1	-0.3	2.7	0.3	-0.3
Other fresh vegetables.....	0.257	2.2	-0.5	-1.3	0.8	0.6
Processed fruits and vegetables ²	0.290	-1.3	0.0	0.1	-0.7	0.4
Canned fruits and vegetables ²	0.150	-2.1	0.6	-0.4	-0.6	0.7
Canned fruits ^{2, 3}		-0.9	0.3	0.0	-1.3	0.6
Canned vegetables ^{2, 3}		-2.5	0.8	-0.3	-0.2	0.6
Frozen fruits and vegetables ²	0.087	0.5	-0.1	0.8	-0.9	0.3
Frozen vegetables ³		0.6	-0.5	0.8	-1.2	0.0
Other processed fruits and vegetables including dried ²	0.053	-2.1	-1.6	-0.7	0.2	-0.8
Dried beans, peas, and lentils ^{1, 2, 3}		-2.8	-0.1	-1.5	0.4	-0.1
Nonalcoholic beverages and beverage materials.....	0.942	-0.1	-0.2	-0.6	-0.3	-0.4
Juices and nonalcoholic drinks ²	0.661	0.2	0.4	-0.6	-0.2	0.2
Carbonated drinks.....	0.265	0.3	0.5	-0.7	-1.1	0.5
Frozen noncarbonated juices and drinks ^{1, 2}	0.011	6.6	0.0	1.4	3.9	0.0
Nonfrozen noncarbonated juices and drinks ²	0.385	0.0	0.3	-0.8	0.3	-0.1
Beverage materials including coffee and tea ²	0.281	-1.0	-1.4	-0.7	-0.3	-1.8
Coffee.....	0.176	-0.7	-1.4	-1.2	-0.8	-1.5
Roasted coffee ³		-0.8	-2.1	-0.9	-0.8	-2.4
Instant coffee ^{1, 3}		-1.1	0.2	-0.2	-0.9	0.2
Other beverage materials including tea ^{1, 2}	0.105	-1.4	-1.4	-0.2	1.2	-1.4
Other food at home.....	1.981	0.1	-0.3	-0.3	0.0	-0.1
Sugar and sweets ¹	0.288	0.2	-0.2	0.6	0.4	-0.2
Sugar and artificial sweeteners.....	0.050	-0.1	-0.1	1.1	0.1	-0.7
Candy and chewing gum ^{1, 2}	0.182	-0.3	0.0	0.6	0.6	0.0
Other sweets ²	0.056	1.9	-0.8	0.2	0.2	-0.3
Fats and oils.....	0.236	1.3	-0.7	-0.2	0.8	-1.0
Butter and margarine ²	0.069	3.0	1.1	-0.9	1.5	0.0
Butter ³		4.3	1.9	-1.2	1.8	0.7
Margarine ³		2.0	-0.1	-0.3	0.4	-1.0
Salad dressing ²	0.057	0.1	-2.0	-0.2	2.1	-2.1
Other fats and oils including peanut butter ²	0.110	0.8	-1.2	0.6	0.1	-1.4
Peanut butter ^{1, 2, 3}		-2.2	-3.1	-0.9	0.2	-3.1
Other foods.....	1.457	-0.1	-0.3	-0.5	-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 2017 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
Soups.....	0.096	0.8	-2.0	-1.3	0.6	-0.1
Frozen and freeze dried prepared foods ¹	0.258	-1.2	-1.4	-1.0	0.8	-1.4
Snacks ¹	0.325	-0.4	1.4	-0.7	-0.7	1.4
Spices, seasonings, condiments, sauces.....	0.284	0.9	0.3	-0.2	-0.2	0.2
Salt and other seasonings and spices ^{2, 3}		0.6	0.1	0.4	-0.2	-0.4
Olives, pickles, relishes ^{1, 2, 3}		-0.7	-0.5	-1.4	3.2	-0.5
Sauces and gravies ^{2, 3}		1.7	1.3	0.0	-0.1	1.4
Other condiments ³		-0.3	-0.4	-0.9	0.8	-1.5
Baby food ^{1, 2}	0.055	1.8	0.0	0.5	-0.2	0.0
Other miscellaneous foods ^{1, 2}	0.439	-0.4	-1.1	-0.1	-0.1	-1.1
Prepared salads ^{1, 3, 4}		3.1	-0.6	-1.0	1.5	-0.6
Food away from home ¹	5.796	2.2	0.3	0.0	0.2	0.3
Full service meals and snacks ^{1, 2}	2.813	2.2	0.2	0.1	0.1	0.2
Limited service meals and snacks ^{1, 2}	2.469	2.4	0.2	0.2	0.3	0.2
Food at employee sites and schools ²	0.188	1.4	4.7	-2.7	-0.5	3.9
Food at elementary and secondary schools ^{1, 3, 5}		0.2		-3.6		
Food from vending machines and mobile vendors ^{1, 2}	0.082	2.3	0.1	-0.1	0.5	0.1
Other food away from home ^{1, 2}	0.244	1.2	0.6	0.3	0.0	0.6
Energy.....	7.275	6.4	1.6	-1.6	-0.1	2.8
Energy commodities.....	3.478	10.3	3.8	-2.7	0.0	6.1
Fuel oil and other fuels.....	0.180	9.2	2.0	-1.4	-1.2	3.9
Fuel oil ¹	0.095	9.4	2.9	-3.7	-2.0	2.9
Propane, kerosene, and firewood ⁶	0.085	9.0	1.0	-0.6	0.5	1.1
Motor fuel.....	3.298	10.3	3.9	-2.8	0.0	6.3
Gasoline (all types).....	3.249	10.4	3.9	-2.8	0.0	6.3
Gasoline, unleaded regular ³		10.5	4.0	-3.0	0.1	6.5
Gasoline, unleaded midgrade ^{3, 7}		9.6	3.7	-2.7	0.5	5.6
Gasoline, unleaded premium ³		9.7	2.9	-2.2	-1.6	5.9
Other motor fuels ²	0.049	9.0	2.8	-3.8	-1.8	4.7
Energy services ⁸	3.797	2.9	-0.3	-0.5	-0.2	-0.1
Electricity ⁸	2.981	2.3	-0.3	-0.6	0.4	0.0
Utility (piped) gas service ⁸	0.817	5.4	-0.4	-0.2	-2.3	-0.5
All items less food and energy.....	79.057	1.7	0.2	0.1	0.1	0.2
Commodities less food and energy commodities.....	18.872	-0.9	0.0	-0.1	-0.1	-0.1
Household furnishings and supplies ⁹	3.112	-1.6	-0.4	-0.2	-0.5	0.0
Window and floor coverings and other linens ^{1, 2}	0.246	-4.7	-0.5	-1.5	0.4	-0.5
Floor coverings ^{1, 2}	0.057	-1.8	0.1	-1.1	-0.9	0.1
Window coverings ^{1, 2}	0.050	-3.9	-1.0	-0.3	-0.6	-1.0
Other linens ^{1, 2}	0.138	-6.1	-0.6	-2.1	1.3	-0.6
Furniture and bedding.....	0.744	0.7	0.3	0.1	-0.1	1.1
Bedroom furniture ¹	0.260	1.4	2.6	-0.4	-0.2	2.6
Living room, kitchen, and dining room furniture ^{1, 2}	0.355	0.9	-1.0	0.5	-0.3	-1.0
Other furniture ²	0.123	-1.2	-0.6	0.2	-1.9	-0.1
Infants' furniture ^{1, 3, 5}			0.3	0.6	-0.8	0.3
Appliances ²	0.176	-1.8	0.7	-1.4	-0.2	1.1
Major appliances ²	0.053	-3.9	0.5	-2.4	0.8	0.8
Laundry equipment ³		-3.1	0.4	-2.7	-2.2	1.8
Other appliances ^{1, 2}	0.121	-0.8	0.7	-0.6	-0.7	0.7
Other household equipment and furnishings ²	0.434	-6.3	-1.6	0.6	-2.6	-1.1
Clocks, lamps, and decorator items ¹	0.214	-12.5	-3.1	1.5	-5.1	-3.1
Indoor plants and flowers ¹⁰	0.101	3.2	-0.8	0.4	1.1	-0.7
Dishes and flatware ^{1, 2}	0.051	-0.9	0.4	-3.2	2.1	0.4
Nonelectric cookware and tableware ²	0.068	-2.1	0.4	-0.3	0.0	0.3

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2017 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
Tools, hardware, outdoor equipment and supplies ² . . .	0.664	-0.8	-0.7	-0.1	-0.3	-0.4
Tools, hardware and supplies ^{1, 2}	0.177	0.0	-0.2	-0.1	-0.3	-0.2
Outdoor equipment and supplies ²	0.331	-1.2	-1.0	-0.2	-0.4	-0.7
Housekeeping supplies ¹	0.848	-0.7	-0.3	-0.1	-0.3	-0.3
Household cleaning products ²	0.333	-1.6	-0.4	-0.6	-0.5	-0.1
Household paper products ^{1, 2}	0.231	-0.2	-0.1	0.1	-0.4	-0.1
Miscellaneous household products ^{1, 2}	0.284	0.1	-0.3	0.2	0.4	-0.3
Apparel	2.989	-0.6	1.4	-0.1	0.3	0.1
Men's and boys' apparel	0.741	-2.4	1.4	-0.8	0.2	1.6
Men's apparel	0.598	-3.7	0.0	0.1	-0.7	-0.5
Men's suits, sport coats, and outerwear	0.091	-7.8	3.1	-0.3	-2.2	-0.3
Men's furnishings	0.192	-3.8	-0.8	0.0	-0.1	-1.6
Men's shirts and sweaters ²	0.165	-2.3	1.2	0.1	-2.1	0.5
Men's pants and shorts	0.143	-2.3	-2.3	0.4	0.9	-1.0
Boys' apparel	0.144	2.7	7.4	-4.4	3.1	9.6
Women's and girls' apparel	1.204	0.7	1.8	0.4	1.2	-0.5
Women's apparel	1.008	0.4	1.7	0.3	1.3	-0.9
Women's outerwear	0.065	2.3	8.0	0.9	2.6	-3.8
Women's dresses	0.143	2.0	2.9	1.5	3.3	-4.9
Women's suits and separates ²	0.451	-1.3	1.5	2.2	0.1	-0.5
Women's underwear, nightwear, sportswear and accessories ²	0.340	1.6	0.2	-3.5	1.3	1.6
Girls' apparel	0.195	2.6	2.6	1.0	0.8	1.2
Footwear	0.674	-0.8	0.4	0.5	-1.1	-0.5
Men's footwear ¹	0.209	1.1	1.0	-0.9	-1.1	1.0
Boys' and girls' footwear	0.166	-1.4	0.0	0.5	-0.7	-1.1
Women's footwear	0.299	-1.7	0.2	1.7	-1.1	-2.0
Infants' and toddlers' apparel	0.143	-2.9	1.7	-0.8	-0.5	-0.3
Jewelry and watches ⁶	0.228	0.9	1.4	-2.0	-0.2	0.5
Watches ^{1, 6}	0.085	6.1	1.7	-3.0	3.0	1.7
Jewelry ⁶	0.143	-1.9	1.2	-0.6	-2.1	0.4
Transportation commodities less motor fuel ⁹	6.062	-1.7	-0.3	-0.4	-0.4	-0.1
New vehicles	3.601	-0.7	-0.3	-0.3	-0.5	0.0
New cars and trucks ^{2, 3}		-0.7	-0.3	-0.3	-0.5	0.0
New cars ³		-1.2	-0.4	-0.3	-0.7	-0.2
New trucks ^{3, 11}		-0.1	-0.2	-0.3	-0.3	0.1
Used cars and trucks	1.988	-3.8	-0.1	-0.7	-0.5	-0.2
Motor vehicle parts and equipment ¹	0.381	-0.2	-0.2	0.1	0.1	-0.2
Tires ¹	0.226	-1.0	0.0	0.1	-0.4	0.0
Vehicle accessories other than tires ^{1, 2}	0.155	0.9	-0.4	0.1	0.9	-0.4
Vehicle parts and equipment other than tires ^{1, 3}		0.7	-0.5	0.2	0.4	-0.5
Motor oil, coolant, and fluids ^{1, 3}		2.1	-0.6	0.1	2.5	-0.6
Medical care commodities	1.870	2.4	0.2	0.7	1.0	-0.1
Medicinal drugs ^{1, 9}	1.811	2.5	0.2	0.7	1.1	0.2
Prescription drugs ⁸	1.450	2.7	0.4	1.0	1.3	0.2
Nonprescription drugs ^{1, 9}	0.361	1.6	-0.5	0.0	0.5	-0.5
Medical equipment and supplies ^{1, 9}	0.059	-0.4	0.2	-0.3	-0.6	0.2
Recreation commodities ⁹	1.740	-3.4	-0.5	-0.2	-0.4	-0.4
Video and audio products ⁹	0.210	-6.8	-1.4	0.9	-0.4	-1.5
Televisions	0.100	-9.6	-1.7	2.8	-0.5	-2.0
Other video equipment ²	0.025	-4.9	-2.5	0.4	0.4	-2.7
Audio equipment ¹	0.054	-9.1	-0.7	-1.5	-1.4	-0.7
Recorded music and music subscriptions ^{1, 2}	0.024	7.4	-0.7	-0.3	0.8	-0.7
Pets and pet products ¹	0.576	-0.6	0.0	-0.3	0.2	0.0

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2017 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
Pet food ^{1, 2, 3}		-1.0	0.7	-0.6	-0.1	0.7
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		-0.4	-0.8	0.1	0.6	-0.8
Sporting goods.....	0.422	-2.4	-0.9	0.0	-0.2	-0.6
Sports vehicles including bicycles ¹	0.222	-2.4	-1.6	0.1	0.0	-1.6
Sports equipment.....	0.191	-2.4	0.0	0.1	0.5	0.2
Photographic equipment and supplies.....	0.038	1.5	1.2	0.1	-0.2	0.2
Film and photographic supplies ^{1, 2, 3}						
Photographic equipment ^{2, 3}		2.0	1.4	0.0	-0.1	0.1
Recreational reading materials ¹	0.148	-0.5	-0.5	-0.9	0.0	-0.5
Newspapers and magazines ^{1, 2}	0.088	3.8	-1.0	-0.2	-0.9	-1.0
Recreational books ^{1, 2}	0.060	-6.1	0.3	-1.9	1.4	0.3
Other recreational goods ²	0.345	-8.6	-0.6	-0.8	-1.7	-0.3
Toys.....	0.274	-10.4	-0.8	-1.1	-2.3	-0.4
Toys, games, hobbies and playground equipment ^{1, 3}		-9.9	-0.7	-0.8	-2.2	-0.8
Sewing machines, fabric and supplies ^{1, 2}	0.024	2.6	1.3	2.7	1.7	1.3
Music instruments and accessories ^{1, 2}	0.033	-0.1	-0.5	-0.9	1.7	-0.5
Education and communication commodities ⁹	0.602	-2.5	-0.9	0.6	0.9	-0.8
Educational books and supplies.....	0.161	0.4	-0.2	0.4	1.3	-1.3
College textbooks ^{1, 3, 12}		1.7	-0.1	0.2	1.3	-0.1
Information technology commodities ⁹	0.441	-3.5	-1.1	0.6	0.7	-0.6
Personal computers and peripheral equipment ⁴	0.267	-3.3	-1.2	0.7	1.1	-0.4
Computer software and accessories ^{1, 2}	0.086	-1.7	-1.1	0.7	1.6	-1.1
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.087	-5.6	-0.7	0.4	-1.3	-0.7
Alcoholic beverages.....	0.944	1.3	0.1	0.2	0.1	0.1
Alcoholic beverages at home.....	0.578	0.6	0.1	-0.1	0.2	0.1
Beer, ale, and other malt beverages at home.....	0.267	1.9	0.1	-0.3	0.1	0.3
Distilled spirits at home.....	0.072	-0.2	0.3	0.4	-0.5	0.2
Whiskey at home ^{1, 3}		-0.7	-0.3	-0.1	-0.2	-0.3
Distilled spirits, excluding whiskey, at home ³		1.0	0.5	0.7	-0.2	0.3
Wine at home.....	0.239	-0.5	0.0	0.1	0.4	-0.5
Alcoholic beverages away from home ¹	0.366	2.2	0.2	0.4	-0.2	0.2
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		2.6	0.2	0.3	-0.4	0.2
Wine away from home ^{1, 2, 3}		1.2	0.1	0.2	-0.3	0.1
Distilled spirits away from home ^{1, 2, 3}		2.1	0.3	0.3	0.1	0.3
Other goods ⁹	1.554	2.0	-0.5	0.0	0.0	-0.4
Tobacco and smoking products.....	0.687	6.3	-0.1	-0.4	-0.1	-0.1
Cigarettes ²	0.623	6.3	-0.2	-0.4	-0.2	-0.2
Tobacco products other than cigarettes ^{1, 2}	0.046	5.0	0.9	0.1	0.6	0.9
Personal care products ¹	0.687	-1.6	-0.6	0.3	0.0	-0.6
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.366	-1.7	-1.1	0.5	-0.2	-1.1
Cosmetics, perfume, bath, nail preparations and implements ¹	0.315	-1.6	0.1	0.2	0.2	0.1
Miscellaneous personal goods ²	0.180	0.4	-1.5	0.4	0.7	-0.6
Stationery, stationery supplies, gift wrap ³		0.7	-2.0	0.4	0.0	-1.1
Infants' equipment ^{1, 3, 5}		-3.6	0.2	0.9	-0.4	0.2
Services less energy services.....	60.185	2.5	0.3	0.2	0.2	0.4
Shelter.....	33.793	3.3	0.4	0.2	0.1	0.5
Rent of shelter ¹³	33.451	3.3	0.4	0.3	0.1	0.5
Rent of primary residence ⁹	7.907	3.9	0.4	0.3	0.2	0.4
Lodging away from home ²	0.932	0.2	1.4	-1.9	-4.2	4.4

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2017 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
Housing at school, excluding board ^{8, 13}	0.120	2.4	0.7	0.1	0.1	-0.2
Other lodging away from home including hotels and motels.....	0.812	-0.1	1.5	-2.3	-4.9	5.1
Owners' equivalent rent of residences ^{8, 13}	24.612	3.3	0.4	0.3	0.3	0.3
Owners' equivalent rent of primary residence ^{8, 13}	23.486	3.3	0.4	0.3	0.3	0.3
Tenants' and household insurance ^{1, 2}	0.342	1.1	0.0	0.1	0.1	0.0
Water and sewer and trash collection services ²	1.178	3.2	0.3	0.3	0.0	0.0
Water and sewerage maintenance ⁸	0.893	3.6	0.4	0.3	0.0	0.0
Garbage and trash collection ^{1, 11}	0.285	2.1	0.1	0.2	0.1	0.1
Household operations ^{1, 2}	0.856	2.7	0.3	-0.1	0.7	0.3
Domestic services ^{1, 2}						
Gardening and lawncare services ^{1, 2}	0.281	2.8	0.1	0.6	-0.2	0.1
Moving, storage, freight expense ²	0.115	-1.4	1.7	-4.5	1.9	1.3
Repair of household items ^{1, 2}	0.092	6.8	-0.3	0.7	0.2	-0.3
Medical care services.....	6.672	1.6	0.1	0.3	0.3	0.2
Professional services.....	3.101	0.2	0.3	-0.4	0.1	0.4
Physicians' services ⁸	1.658	-0.8	0.3	-0.4	0.1	0.4
Dental services ⁸	0.815	1.6	0.1	0.2	0.2	0.2
Eyeglasses and eye care ^{1, 6}	0.314	0.4	1.4	-1.5	-0.4	1.4
Services by other medical professionals ^{1, 8, 6}	0.314	1.8	0.0	-0.1	0.0	0.0
Hospital and related services.....	2.567	4.1	0.0	0.8	0.5	0.1
Hospital services ^{8, 14}	2.296	4.4	0.0	0.9	0.5	0.2
Inpatient hospital services ^{8, 14, 3}		3.9	0.1	0.9	0.5	0.2
Outpatient hospital services ^{8, 3, 6}		4.5	-0.1	0.8	0.4	0.2
Nursing homes and adult day services ^{8, 14}	0.196	2.7	-0.2	1.1	0.2	-0.3
Care of invalids and elderly at home ^{1, 5}	0.075	-1.0	-0.1	-0.7	0.1	-0.1
Health insurance ^{1, 5}	1.004	0.2	0.0	0.1	0.2	0.0
Transportation services.....	5.996	3.5	-0.4	0.2	0.2	0.4
Leased cars and trucks ¹²	0.546	0.3	-0.6	-0.1	-0.3	0.1
Car and truck rental ²	0.119	2.0	-3.8	9.9	0.5	-2.1
Motor vehicle maintenance and repair ¹	1.155	1.7	0.3	-0.4	0.1	0.3
Motor vehicle body work ¹	0.057	2.1	0.2	-0.4	0.1	0.2
Motor vehicle maintenance and servicing ¹	0.671	1.8	0.4	-0.1	0.2	0.4
Motor vehicle repair ^{1, 2}	0.386	1.2	0.1	-0.9	0.0	0.1
Motor vehicle insurance.....	2.551	8.1	0.9	1.0	0.3	1.0
Motor vehicle fees ^{1, 2}	0.526	1.4	0.2	0.0	0.5	0.2
State motor vehicle registration and license fees ^{1, 8, 2}	0.282	1.4	0.0	0.0	0.3	0.0
Parking and other fees ^{1, 2}	0.233	1.4	0.4	0.0	0.6	0.4
Parking fees and tolls ^{1, 2, 3}		2.9	0.2	0.2	1.0	0.2
Automobile service clubs ^{1, 2, 3}						
Public transportation.....	1.099	-1.7	-3.6	-1.5	0.3	-0.3
Airline fares.....	0.641	-3.2	-6.1	-2.7	0.7	-1.0
Other intercity transportation.....	0.177	-0.6	-0.7	-1.6	1.0	-0.3
Intercity bus fare ^{1, 3, 4}			-3.3	2.0	4.6	-3.3
Intercity train fare ^{1, 3, 4}		1.6	-0.6	0.7	1.4	-0.6
Ship fare ^{1, 2, 3}		-3.5	-0.1	-2.3	1.2	-0.1
Intracity transportation ¹	0.278	1.0	0.2	0.4	-1.1	0.2
Intracity mass transit ^{1, 3, 9}		0.8	0.5	0.0	-1.3	0.5
Recreation services ⁹	3.956	3.8	0.2	0.0	0.6	0.5
Video and audio services ⁹	1.685	5.4	0.2	0.0	0.5	0.9
Cable and satellite television service ¹¹	1.587	6.0	0.1	0.2	0.6	0.8

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2017 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
Video discs and other media, including rental of video ^{1, 2}	0.097	-3.9	1.9	-2.1	-1.7	1.9
Video discs and other media ^{1, 2, 3}		-6.7	2.5	-2.9	-3.0	2.5
Rental of video discs and other media ^{1, 2, 3}		1.2	0.9	0.2	0.0	0.9
Pet services including veterinary ²	0.370	2.0	0.3	0.0	0.6	0.4
Pet services ^{1, 2, 3}		1.0	0.7	0.1	0.1	0.7
Veterinarian services ^{2, 3}		2.3	0.3	-0.1	0.7	0.5
Photographers and film processing ^{1, 2}	0.048	-1.4	-0.1	-0.1	0.6	-0.1
Photographer fees ^{1, 2, 3}		-2.0	0.1	0.0	0.6	0.1
Film processing ^{1, 2, 3}		-3.1	0.1	-0.6	0.3	0.1
Other recreation services ²	1.853	2.9	0.2	-0.1	0.8	0.3
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{1, 2}	0.647	3.1	0.5	0.2	0.7	0.5
Admissions.....	0.652	2.5	0.2	-0.6	1.4	0.3
Admission to movies, theaters, and concerts ^{1, 2, 3}		3.5	1.0	0.3	0.3	1.0
Admission to sporting events ^{1, 2, 3}		-1.0	-0.9	-1.3	1.7	-0.9
Fees for lessons or instructions ^{1, 6}	0.225	3.6	-0.4	0.3	0.0	-0.4
Education and communication services ⁹	6.104	-2.6	0.3	0.0	-0.1	0.0
Tuition, other school fees, and childcare.....	3.012	2.2	0.7	0.3	0.0	0.0
College tuition and fees.....	1.781	1.9	0.8	0.4	0.1	-0.3
Elementary and high school tuition and fees.....	0.315	3.8	1.2	0.4	0.1	0.3
Child care and nursery school ¹⁰	0.744	2.2	0.4	0.2	-0.1	0.2
Technical and business school tuition and fees ²	0.042	3.5	1.1	-0.1	0.2	0.9
Postage and delivery services ²	0.138	3.2	0.0	0.1	0.0	0.1
Postage.....	0.131	3.1	0.0	0.1	0.1	0.1
Delivery services ²	0.007	4.3	0.8	-0.1	-0.7	0.8
Telephone services ^{1, 2}	2.249	-9.0	0.0	-0.6	-0.1	0.0
Wireless telephone services ^{1, 2}	1.524	-13.2	-0.1	-0.8	-0.3	-0.1
Land-line telephone services ^{1, 9}	0.725	1.3	0.1	-0.1	0.3	0.1
Internet services and electronic information providers ²	0.694	-1.5	-0.1	0.0	-1.1	0.1
Other personal services ^{1, 9}	1.631	2.4	0.1	0.3	0.3	0.1
Personal care services ¹	0.607	2.1	0.5	0.0	0.4	0.5
Haircuts and other personal care services ^{1, 2}	0.607	2.1	0.5	0.0	0.4	0.5
Miscellaneous personal services ¹	1.024	2.5	-0.1	0.5	0.3	-0.1
Legal services ^{1, 6}	0.247	2.1	-0.6	1.2	-0.2	-0.6
Funeral expenses ^{1, 6}	0.144	2.2	0.4	0.0	0.2	0.4
Laundry and dry cleaning services ^{1, 2}	0.269	2.6	-0.1	0.4	0.4	-0.1
Apparel services other than laundry and dry cleaning ^{1, 2}	0.026	1.0	-0.7	1.1	0.0	-0.7
Financial services ⁶	0.238	3.4	0.2	0.0	1.0	0.5
Checking account and other bank services ^{1, 2, 3}		0.4	0.0	0.0	0.0	0.0
Tax return preparation and other accounting fees ^{2, 3}		5.3	0.3	-0.2	1.3	0.8

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 This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

⁹ Indexes on a December 2009=100 base.

¹⁰ Indexes on a December 1990=100 base.

¹¹ Indexes on a December 1983=100 base.

¹² Indexes on a December 2001=100 base.

¹³ Indexes on a December 1982=100 base.

¹⁴ Indexes on a December 1996=100 base.

NOTE: Index applies to a month as a whole, not to any specific date.

Table 3. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, special aggregate indexes, August 2017

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Jul. 2017	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2016	Jul. 2017	Aug. 2017	Aug. 2016-Aug. 2017	Jul. 2017-Aug. 2017	May 2017-Jun. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017
All items less food.....	86.332	239.777	243.937	244.740	2.1	0.3	0.0	0.1	0.5
All items less shelter.....	66.207	224.451	226.729	227.274	1.3	0.2	-0.2	0.1	0.4
All items less food and shelter.....	52.539	218.366	220.586	221.191	1.3	0.3	-0.2	0.1	0.5
All items less food, shelter, and energy.....	45.264	225.316	226.339	226.459	0.5	0.1	0.0	0.1	0.1
All items less food, shelter, energy, and used cars and trucks.....	43.276	230.130	231.632	231.773	0.7	0.1	0.1	0.1	0.1
All items less medical care.....	91.458	229.933	233.688	234.419	2.0	0.3	-0.1	0.1	0.4
All items less energy.....	92.725	247.506	250.981	251.467	1.6	0.2	0.1	0.1	0.2
Commodities.....	36.018	179.140	180.043	180.763	0.9	0.4	-0.3	0.0	0.5
Commodities less food, energy, and used cars and trucks.....	16.884	145.803	145.076	145.074	-0.5	0.0	0.0	0.0	-0.1
Commodities less food.....	22.349	148.557	148.853	149.711	0.8	0.6	-0.5	-0.1	0.8
Commodities less food and beverages.....	21.406	145.335	145.566	146.433	0.8	0.6	-0.5	-0.1	0.8
Services.....	63.982	301.699	308.584	309.334	2.5	0.2	0.2	0.2	0.3
Services less rent of shelter ¹	30.531	325.004	330.288	330.451	1.7	0.0	0.1	0.2	0.2
Services less medical care services.....	57.310	286.749	293.556	294.305	2.6	0.3	0.1	0.2	0.4
Durables.....	9.122	106.982	105.298	104.900	-1.9	-0.4	-0.2	-0.4	-0.2
Nondurables.....	26.896	215.025	217.668	219.112	1.9	0.7	-0.5	0.4	0.7
Nondurables less food.....	13.228	187.453	190.190	192.537	2.7	1.2	-0.9	0.6	1.5
Nondurables less food and beverages.....	12.284	184.074	186.810	189.272	2.8	1.3	-1.0	0.6	1.6
Nondurables less food, beverages, and apparel.....	9.295	225.119	231.039	234.055	4.0	1.3	-1.6	0.4	2.4
Nondurables less food and apparel.....	10.239	225.526	231.138	233.906	3.7	1.2	-1.4	0.3	2.3
Housing.....	42.915	245.472	251.870	252.615	2.9	0.3	0.1	0.1	0.4
Education and communication ²	6.706	139.311	135.388	135.702	-2.6	0.2	0.0	-0.1	-0.1
Education ²	3.174	248.580	252.115	253.805	2.1	0.7	0.3	0.1	-0.1
Communication ²	3.532	79.142	74.131	74.011	-6.5	-0.2	-0.3	-0.2	-0.1
Information and information processing ²	3.394	75.313	70.281	70.161	-6.8	-0.2	-0.3	-0.2	-0.1
Information technology, hardware and services ³	1.145	7.748	7.611	7.574	-2.2	-0.5	0.2	-0.4	-0.2
Recreation ²	5.696	117.119	118.863	118.875	1.5	0.0	-0.1	0.3	0.2
Video and audio ²	1.895	100.948	104.803	104.861	3.9	0.1	0.1	0.4	0.6
Pets, pet products and services ²	0.946	170.027	170.602	170.757	0.4	0.1	-0.2	0.4	0.1
Photography ²	0.087	76.398	75.923	76.312	-0.1	0.5	0.0	0.2	0.1
Food and beverages.....	14.612	247.420	249.930	250.212	1.1	0.1	0.0	0.2	0.1
Domestically produced farm food.....	6.582	246.194	247.134	247.082	0.4	0.0	-0.2	0.3	-0.3
Other services.....	11.691	347.044	346.663	347.624	0.2	0.3	0.0	0.2	0.2
Apparel less footwear.....	2.315	117.577	115.080	116.968	-0.5	1.6	-0.3	0.7	0.2
Fuels and utilities.....	5.155	234.407	242.119	241.936	3.2	-0.1	-0.3	-0.2	0.1
Household energy.....	3.977	196.863	203.569	203.169	3.2	-0.2	-0.5	-0.2	0.1
Medical care.....	8.542	468.379	476.126	476.869	1.8	0.2	0.4	0.4	0.1
Transportation.....	15.356	195.198	199.466	200.652	2.8	0.6	-0.7	-0.1	1.4
Private transportation.....	14.257	190.232	194.419	196.210	3.1	0.9	-0.6	-0.1	1.5
New and used motor vehicles ²	6.345	100.352	99.120	98.772	-1.6	-0.4	-0.2	-0.4	-0.1
Utilities and public transportation.....	9.909	217.439	218.308	217.301	-0.1	-0.5	-0.4	0.0	0.0
Household furnishings and operations.....	3.967	121.048	120.526	120.236	-0.7	-0.2	-0.2	-0.2	0.1
Other goods and services.....	3.185	424.105	434.033	433.328	2.2	-0.2	0.2	0.1	-0.1
Personal care.....	2.498	224.621	227.509	227.105	1.1	-0.2	0.3	0.2	-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.

NOTE: Index applies to a month as a whole, not to any specific date.

Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index, August 2017
 [1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Aug. 2017 from:			Percent change to Jul. 2017 from:		
		Aug. 2016	Jun. 2017	Jul. 2017	Jul. 2016	May 2017	Jun. 2017
U.S. city average.....	M	1.9	0.2	0.3	1.7	0.0	-0.1
Region and area size²							
Northeast urban.....	M	1.6	0.1	0.3	1.3	-0.2	-0.2
Size A - More than 1,500,000.....	M	1.7	0.1	0.2	1.6	-0.1	-0.1
Size B/C - 50,000 to 1,500,000 ³	M	1.1	0.0	0.4	0.7	-0.6	-0.4
Midwest urban.....	M	1.5	0.3	0.3	1.3	0.1	0.0
Size A - More than 1,500,000.....	M	1.7	0.2	0.2	1.7	0.1	0.0
Size B/C - 50,000 to 1,500,000 ³	M	1.2	0.3	0.4	0.9	-0.1	0.0
Size D - Nonmetropolitan (less than 50,000) ⁴	M	1.3	0.5	0.3	0.9	0.0	0.2
South urban.....	M	1.9	0.2	0.4	1.6	0.1	-0.2
Size A - More than 1,500,000.....	M	2.0	0.2	0.4	1.6	0.2	-0.2
Size B/C - 50,000 to 1,500,000 ³	M	1.7	0.2	0.4	1.6	0.0	-0.2
Size D - Nonmetropolitan (less than 50,000) ⁴	M	1.8	0.4	0.5	1.2	0.2	-0.1
West urban.....	M	2.7	0.3	0.2	2.5	0.1	0.1
Size A - More than 1,500,000.....	M	2.9	0.3	0.1	2.8	0.2	0.2
Size B/C - 50,000 to 1,500,000 ³	M	2.3	0.3	0.4	1.9	-0.1	-0.1
Size classes							
A ⁵	M	2.1	0.2	0.2	2.0	0.1	0.0
B/C ³	M	1.6	0.2	0.4	1.4	-0.1	-0.1
D ⁴	M	1.9	0.5	0.5	1.4	0.1	0.0
Selected local areas							
Chicago-Gary-Kenosha, IL-IN-WI.....	M	2.3	0.3	0.3	2.2	0.0	0.0
Los Angeles-Riverside-Orange County, CA ⁶	M	2.8	0.6	0.3	2.5	0.1	0.3
New York-Northern N.J.-Long Island, NY-NJ-CT-PA. . .	M	1.7	0.0	0.2	1.6	0.0	-0.2
Boston-Brockton-Nashua, MA-NH-ME-CT.....	1				2.2	0.1	
Cleveland-Akron, OH ⁴	1				0.7	0.2	
Dallas-Fort Worth, TX.....	1				1.9	0.2	
Washington-Baltimore, DC-MD-VA-WV ^{7, 8}	1				0.7	0.0	
Atlanta, GA.....	2	3.5	0.8				
Detroit-Ann Arbor-Flint, MI.....	2	1.3	0.1				
Houston-Galveston-Brazoria, TX.....	2	2.2	0.2				
Miami-Fort Lauderdale, FL.....	2	2.3	0.3				
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD...	2	1.4	0.5				
San Francisco-Oakland-San Jose, CA.....	2	3.0	0.2				
Seattle-Tacoma-Bremerton, WA.....	2	2.5	-0.2				

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 This index will be discontinued after December, 2017.

⁵ Indexes on a December 1986=100 base.

⁶ Los Angeles and Riverside will have separate indexes beginning January, 2018. The Los Angeles index will continue to be published monthly. A Riverside index will be published for odd months beginning January, 2018.

⁷ Indexes on a November 1996=100 base.

⁸ This index will be discontinued after December, 2017. Washington DC and Baltimore will have separate indexes beginning January, 2018. A Washington DC index will be published for odd months beginning January, 2018. A Baltimore index will be published for even months beginning February, 2018.

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.

NOTE: Index applies to a month as a whole, not to any specific date.

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 2017

[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
January 2015.....	-0.5	-0.5	-0.4	-0.1
February 2015.....	0.4	0.4	-0.4	0.0
March 2015.....	0.7	0.6	-0.3	-0.1
April 2015.....	0.2	0.2	-0.4	-0.2
May 2015.....	0.6	0.5	-0.2	0.0
June 2015.....	0.3	0.4	0.0	0.1
July 2015.....	0.0	0.0	0.0	0.2
August 2015.....	-0.2	-0.1	0.0	0.2
September 2015.....	-0.2	-0.2	-0.3	0.0
October 2015.....	-0.1	0.0	-0.1	0.2
November 2015.....	-0.3	-0.2	0.2	0.5
December 2015.....	-0.4	-0.3	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.....	0.1	0.1	1.3	1.6
November 2016.....	-0.2	-0.2	1.4	1.7
December 2016.....	0.0	0.0	1.9	2.1
January 2017.....	0.6	0.6	2.4	2.5
February 2017.....	0.3	0.3	2.7	2.7
March 2017.....	0.1	0.1	2.2	2.4
April 2017.....	0.3	0.3	2.0	2.2
May 2017.....	0.1	0.1	1.7	1.9
June 2017.....	0.1	0.1	1.4	1.6
July 2017.....	-0.1	-0.1	1.5	1.7
August 2017.....	0.3	0.3	1.8	1.9

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.

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.

NOTE: Index applies to a month as a whole, not to any specific date.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 1-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items.....	100.000	0.4		0.03	L-Jan.2017	0.6
Food.....	13.668	0.1	0.007	0.06	S-Jun.2017	0.0
Food at home.....	7.873	-0.2	-0.012	0.11	S-Dec.2016	-0.2
Cereals and bakery products.....	1.056	0.3	0.004	0.23	L-May 2017	0.3
Cereals and cereal products.....	0.352	0.4	0.001	0.42	L-Jul.2016	0.4
Flour and prepared flour mixes.....	0.043	-0.2	0.000	0.68	S-Jun.2017	-1.4
Breakfast cereal ⁴	0.181	-0.7	-0.001	0.63	S-Jan.2017	-1.2
Rice, pasta, cornmeal ⁴	0.128	1.0	0.001	0.71	L-Jan.2017	1.3
Rice ^{4, 5, 6}		1.1		0.76	L-Oct.2016	2.7
Bakery products ⁴	0.703	0.4	0.003	0.29	L-Mar.2017	0.4
Bread ^{4, 5}	0.208	0.9	0.002	0.51	L-Jun.2017	0.9
White bread ^{4, 6}		0.5		0.72	L-Jun.2017	0.7
Bread other than white ^{4, 6}		1.3		0.78	L-Apr.2017	1.6
Fresh biscuits, rolls, muffins ⁵	0.103	-0.6	-0.001	0.63	L-Jun.2017	-0.2
Cakes, cupcakes, and cookies.....	0.171	0.3	0.001	0.49	L-May 2017	0.3
Cookies ⁶		1.4		0.78	L-May 2015	1.7
Fresh cakes and cupcakes ^{4, 6}		-1.0		0.77	S-Oct.2016	-1.1
Other bakery products.....	0.222	-0.4	-0.001	0.56	S-Apr.2017	-1.7
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		1.2		1.10	L-May 2017	1.3
Crackers, bread, and cracker products ⁶		-1.1		0.95	S-Apr.2017	-2.6
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		-0.4		0.96	S-Feb.2017	-1.3
Meats, poultry, fish, and eggs.....	1.760	-0.2	-0.003	0.24	S-Apr.2017	-0.6
Meats, poultry, and fish.....	1.666	-0.2	-0.003	0.24	S-Apr.2017	-0.7
Meats.....	1.061	-0.4	-0.004	0.28	S-Apr.2017	-0.5
Beef and veal.....	0.479	-0.4	-0.002	0.43	S-Dec.2016	-0.7
Uncooked ground beef ⁴	0.195	-0.1	0.000	0.56	S-Feb.2017	-0.8
Uncooked beef roasts ^{4, 5}	0.065	-2.1	-0.001	1.03	S-Dec.2016	-2.2
Uncooked beef steaks ⁵	0.170	-1.5	-0.002	0.82	S-Mar.2017	-1.5
Uncooked other beef and veal ^{4, 5}	0.048	0.5	0.000	0.89	S-Apr.2017	0.5
Pork.....	0.331	0.3	0.001	0.50	S-Jun.2017	-0.1
Bacon, breakfast sausage, and related products ⁵	0.142	1.8	0.003	0.71	L-Mar.2017	2.8
Bacon and related products ⁶		3.8		1.07	L-Mar.2017	4.8
Breakfast sausage and related products ^{5, 6}		-0.4		1.07	S-May 2017	-1.0
Ham.....	0.061	-2.2	-0.001	1.03	S-Apr.2015	-2.5
Ham, excluding canned ⁶		-2.7		1.14	S-Apr.2015	-2.7
Pork chops ⁴	0.052	2.0	0.001	1.31	L-May 2017	2.9
Other pork including roasts and picnics ⁵	0.075	-1.2	-0.001	1.04	S-Apr.2017	-1.8
Other meats.....	0.251	-1.2	-0.003	0.52	S-Jun.2017	-1.2
Frankfurters ⁶		0.6		1.86	S-Jun.2017	-3.0
Lunchmeats ^{5, 6}		-1.7		0.61	S-EVER	-
Lamb and organ meats ^{4, 6}		-1.0		1.17	S-Apr.2017	-3.5
Lamb and mutton ^{4, 5, 6}						
Poultry ⁴	0.341	0.2	0.001	0.60	L-May 2017	0.6
Chicken ^{4, 5}	0.278	0.3	0.001	0.68	-	-
Fresh whole chicken ^{4, 6}		-0.5		1.68	S-Apr.2017	-1.9
Fresh and frozen chicken parts ^{4, 6}		0.6		0.90	L-Mar.2017	1.1
Other poultry including turkey ⁵	0.063	0.2	0.000	0.83	L-May 2017	0.3
Fish and seafood.....	0.264	0.0	0.000	0.55	L-Jun.2017	0.6
Fresh fish and seafood ⁵	0.143	0.2	0.000	0.84	L-Jun.2017	1.1
Processed fish and seafood ⁵	0.121	-0.1	0.000	0.62	L-Jun.2017	0.0

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 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}		-0.6		0.87	S-Mar.2017	-2.0
Frozen fish and seafood ⁶		-0.3		0.88	S-Jun.2017	-0.8
Eggs.....	0.093	0.1	0.000	0.94	L-Apr.2017	1.6
Dairy and related products.....	0.801	-0.4	-0.003	0.26	S-Jun.2017	-0.5
Milk ^{4, 5}	0.224	-0.3	-0.001	0.35	S-Jun.2017	-0.8
Fresh whole milk ⁶		-1.5		0.48	S-Nov.2015	-1.6
Fresh milk other than whole ^{5, 6}		-0.3		0.57	L-Jun.2017	-0.1
Cheese and related products.....	0.260	0.4	0.001	0.47	L-Jun.2017	0.5
Ice cream and related products.....	0.112	-0.3	0.000	0.76	S-Jun.2017	-1.7
Other dairy and related products ^{4, 5}	0.206	-0.7	-0.001	0.58	S-Jun.2017	-1.0
Fruits and vegetables.....	1.333	-0.2	-0.003	0.28	S-May 2017	-0.6
Fresh fruits and vegetables.....	1.044	-0.4	-0.004	0.33	S-May 2017	-0.6
Fresh fruits.....	0.563	-1.0	-0.006	0.48	S-May 2017	-1.5
Apples.....	0.089	1.9	0.002	0.97	L-Oct.2015	3.0
Bananas ⁴	0.084	-0.3	0.000	0.70	L-Jun.2017	0.6
Citrus fruits ⁵	0.167	-2.3	-0.004	0.95	S-Jun.2014	-6.2
Oranges, including tangerines ⁶		-5.2		1.35	S-Jun.2014	-5.9
Other fresh fruits ⁵	0.222	-1.9	-0.005	0.86	S-May 2017	-1.9
Fresh vegetables.....	0.481	0.3	0.002	0.55	L-May 2017	0.5
Potatoes.....	0.083	-0.8	-0.001	1.11	S-Mar.2017	-0.8
Lettuce.....	0.061	2.4	0.001	1.38	L-Apr.2017	18.0
Tomatoes ⁴	0.080	-0.3	0.000	1.30	S-May 2017	-2.9
Other fresh vegetables.....	0.257	0.6	0.002	0.82	S-Jun.2017	-1.3
Processed fruits and vegetables ⁵	0.290	0.4	0.001	0.45	L-Mar.2017	1.1
Canned fruits and vegetables ⁵	0.150	0.7	0.001	0.58	L-Apr.2016	1.4
Canned fruits ^{5, 6}		0.6		0.77	L-Apr.2017	0.7
Canned vegetables ^{5, 6}		0.6		0.80	L-Mar.2017	0.9
Frozen fruits and vegetables ⁵	0.087	0.3	0.000	0.93	L-Jun.2017	0.8
Frozen vegetables ⁶		0.0		1.27	L-Jun.2017	0.8
Other processed fruits and vegetables including dried ⁵	0.053	-0.8	0.000	0.81	S-Apr.2017	-2.0
Dried beans, peas, and lentils ^{4, 5, 6}		-0.1		0.82	S-Jun.2017	-1.5
Nonalcoholic beverages and beverage materials.....	0.942	-0.4	-0.004	0.34	S-Jun.2017	-0.6
Juices and nonalcoholic drinks ⁵	0.661	0.2	0.001	0.42	L-May 2017	1.0
Carbonated drinks.....	0.265	0.5	0.001	0.75	L-May 2017	1.0
Frozen noncarbonated juices and drinks ^{4, 5}	0.011	0.0	0.000	0.58	S-May 2017	-2.0
Nonfrozen noncarbonated juices and drinks ⁵	0.385	-0.1	0.000	0.50	S-Jun.2017	-0.8
Beverage materials including coffee and tea ⁵	0.281	-1.8	-0.005	0.51	S-EVER	-
Coffee.....	0.176	-1.5	-0.003	0.72	S-Aug.2013	-1.9
Roasted coffee ⁶		-2.4		0.96	S-Jun.2002	-2.6
Instant coffee ^{4, 6}		0.2		1.06	L-Apr.2017	2.5
Other beverage materials including tea ^{4, 5}	0.105	-1.4	-0.002	0.65	S-Mar.2017	-1.9
Other food at home.....	1.981	-0.1	-0.002	0.20	S-Jun.2017	-0.3
Sugar and sweets ⁴	0.288	-0.2	0.000	0.47	S-Apr.2017	-0.3
Sugar and artificial sweeteners.....	0.050	-0.7	0.000	0.71	S-Apr.2017	-1.4
Candy and chewing gum ^{4, 5}	0.182	0.0	0.000	0.68	S-May 2017	-0.3
Other sweets ⁵	0.056	-0.3	0.000	0.67	S-Apr.2017	-0.6
Fats and oils.....	0.236	-1.0	-0.002	0.42	S-Nov.2016	-1.2
Butter and margarine ⁵	0.069	0.0	0.000	0.81	S-Jun.2017	-0.9
Butter ⁶		0.7		1.05	S-Jun.2017	-1.2
Margarine ⁶		-1.0		0.89	S-May 2016	-1.8
Salad dressing ⁵	0.057	-2.1	-0.001	0.83	S-Apr.2017	-2.3
Other fats and oils including peanut butter ⁵	0.110	-1.4	-0.001	0.56	S-Jan.2017	-1.8

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 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}		-3.1		0.93	S-Nov.2016	-4.4
Other foods.....	1.457	0.1	0.001	0.25	L-Apr.2017	0.2
Soups.....	0.096	-0.1	0.000	0.95	S-Jun.2017	-1.3
Frozen and freeze dried prepared foods ⁴	0.258	-1.4	-0.004	0.60	S-Jan.2017	-2.1
Snacks ⁴	0.325	1.4	0.005	0.66	L-Mar.2017	1.4
Spices, seasonings, condiments, sauces.....	0.284	0.2	0.001	0.55	L-Mar.2017	0.7
Salt and other seasonings and spices ^{5, 6}		-0.4		0.81	S-Feb.2017	-0.7
Olives, pickles, relishes ^{4, 5, 6}		-0.5		1.20	S-Jun.2017	-1.4
Sauces and gravies ^{5, 6}		1.4		0.81	L-Nov.2016	1.4
Other condiments ⁶		-1.5		0.80	S-Apr.2017	-1.6
Baby food ^{4, 5}	0.055	0.0	0.000	0.64	L-Jun.2017	0.5
Other miscellaneous foods ^{4, 5}	0.439	-1.1	-0.005	0.41	S-Jan.2016	-1.8
Prepared salads ^{4, 7, 6}		-0.6		0.71	S-Jun.2017	-1.0
Food away from home ⁴	5.796	0.3	0.019	0.04	L-Jan.2017	0.4
Full service meals and snacks ^{4, 5}	2.813	0.2	0.004	0.05	L-May 2017	0.2
Limited service meals and snacks ^{4, 5}	2.469	0.2	0.004	0.07	S-Jun.2017	0.2
Food at employee sites and schools ⁵	0.188	3.9	0.007	0.15	L-Sep.2015	6.4
Food at elementary and secondary schools ^{4, 8, 6}				0.06	—	—
Food from vending machines and mobile vendors ^{4, 5}	0.082	0.1	0.000	0.17	S-Jun.2017	-0.1
Other food away from home ^{4, 5}	0.244	0.6	0.001	0.04	L-Jun.2015	1.0
Energy.....	7.275	2.8	0.199	0.09	L-Jan.2017	4.0
Energy commodities.....	3.478	6.1	0.202	0.15	L-Jan.2017	7.6
Fuel oil and other fuels.....	0.180	3.9	0.007	0.39	L-Apr.2016	4.5
Fuel oil ⁴	0.095	2.9	0.003	0.48	L-Jan.2017	3.5
Propane, kerosene, and firewood ⁹	0.085	1.1	0.001	0.63	L-Feb.2017	1.8
Motor fuel.....	3.298	6.3	0.194	0.15	L-Jan.2017	7.9
Gasoline (all types).....	3.249	6.3	0.193	0.16	L-Jan.2017	7.8
Gasoline, unleaded regular ⁶		6.5		0.65	L-Jan.2017	8.0
Gasoline, unleaded midgrade ^{10, 6}		5.6		0.63	L-Jan.2017	6.7
Gasoline, unleaded premium ⁶		5.9		0.56	L-Apr.2016	6.6
Other motor fuels ⁵	0.049	4.7	0.002	0.23	L-Jan.2017	10.7
Energy services ¹¹	3.797	-0.1	-0.003	0.08	L-May 2017	0.7
Electricity ¹¹	2.981	0.0	0.001	0.09	S-Jun.2017	-0.6
Utility (piped) gas service ¹¹	0.817	-0.5	-0.004	0.10	L-Jun.2017	-0.2
All items less food and energy.....	79.057	0.2	0.197	0.04	L-Feb.2017	0.2
Commodities less food and energy commodities.....	18.872	-0.1	-0.024	0.08	—	—
Household furnishings and supplies ¹²	3.112	0.0	-0.001	0.15	L-Jan.2017	0.4
Window and floor coverings and other linens ^{4, 5}	0.246	-0.5	-0.001	0.60	S-Jun.2017	-1.5
Floor coverings ^{4, 5}	0.057	0.1	0.000	0.54	L-May 2017	0.8
Window coverings ^{4, 5}	0.050	-1.0	-0.001	1.05	S-May 2017	-3.1
Other linens ^{4, 5}	0.138	-0.6	-0.001	0.91	S-Jun.2017	-2.1
Furniture and bedding.....	0.744	1.1	0.009	0.34	L-Apr.2015	1.1
Bedroom furniture ⁴	0.260	2.6	0.007	0.42	L-Mar.1992	2.9
Living room, kitchen, and dining room furniture ^{4, 5}	0.355	-1.0	-0.004	0.47	S-Nov.2016	-1.4
Other furniture ⁵	0.123	-0.1	0.000	0.67	L-Jun.2017	0.2
Infants' furniture ^{4, 8, 6}		0.3		0.55	L-Jun.2017	0.6
Appliances ⁵	0.176	1.1	0.002	0.60	L-Jan.2012	1.1
Major appliances ⁵	0.053	0.8	0.000	0.72	—	—
Laundry equipment ⁶		1.8		1.15	L-May 2017	2.2
Other appliances ^{4, 5}	0.121	0.7	0.001	0.79	L-May 2017	1.1
Other household equipment and furnishings ⁵	0.434	-1.1	-0.005	0.41	L-Jun.2017	0.6
Clocks, lamps, and decorator items ⁴	0.214	-3.1	-0.007	0.57	L-Jun.2017	1.5

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Indoor plants and flowers ¹³	0.101	-0.7	-0.001	0.57	S-Jul.2016	-2.2
Dishes and flatware ^{4, 5}	0.051	0.4	0.000	1.22	S-Jun.2017	-3.2
Nonelectric cookware and tableware ⁵	0.068	0.3	0.000	0.60	L-Jan.2017	0.9
Tools, hardware, outdoor equipment and supplies ⁵	0.664	-0.4	-0.003	0.22	S-Feb.2017	-0.4
Tools, hardware and supplies ^{4, 5}	0.177	-0.2	0.000	0.42	L-Jun.2017	-0.1
Outdoor equipment and supplies ⁵	0.331	-0.7	-0.002	0.26	S-Apr.2014	-0.7
Housekeeping supplies ⁴	0.848	-0.3	-0.002	0.22	—	—
Household cleaning products ⁵	0.333	-0.1	0.000	0.36	L-Apr.2017	1.6
Household paper products ^{4, 5}	0.231	-0.1	0.000	0.43	L-Jun.2017	0.1
Miscellaneous household products ^{4, 5}	0.284	-0.3	-0.001	0.38	S-Dec.2016	-0.4
Apparel.....	2.989	0.1	0.002	0.37	S-Jun.2017	-0.1
Men's and boys' apparel.....	0.741	1.6	0.012	0.63	L-Jan.2017	2.7
Men's apparel.....	0.598	-0.5	-0.003	0.67	L-Jun.2017	0.1
Men's suits, sport coats, and outerwear.....	0.091	-0.3	0.000	1.50	L-Jun.2017	-0.3
Men's furnishings.....	0.192	-1.6	-0.003	1.34	S-Apr.2016	-2.2
Men's shirts and sweaters ⁵	0.165	0.5	0.001	1.09	L-May 2017	2.6
Men's pants and shorts.....	0.143	-1.0	-0.001	1.28	S-Mar.2017	-8.2
Boys' apparel.....	0.144	9.6	0.014	1.60	L-EVER	—
Women's and girls' apparel.....	1.204	-0.5	-0.007	0.62	S-May 2017	-1.5
Women's apparel.....	1.008	-0.9	-0.009	0.69	S-May 2017	-1.5
Women's outerwear.....	0.065	-3.8	-0.003	2.01	S-Sep.2016	-5.3
Women's dresses.....	0.143	-4.9	-0.008	1.69	S-Mar.2009	-6.2
Women's suits and separates ⁵	0.451	-0.5	-0.003	0.82	S-May 2017	-1.8
Women's underwear, nightwear, sportswear and accessories ⁵	0.340	1.6	0.006	1.16	L-Mar.2017	1.9
Girls' apparel.....	0.195	1.2	0.003	1.60	L-Mar.2017	3.1
Footwear.....	0.674	-0.5	-0.004	0.60	L-Jun.2017	0.5
Men's footwear ⁴	0.209	1.0	0.002	1.01	L-Mar.2017	1.1
Boys' and girls' footwear.....	0.166	-1.1	-0.002	1.05	S-May 2017	-1.7
Women's footwear.....	0.299	-2.0	-0.006	0.90	S-May 2015	-2.1
Infants' and toddlers' apparel.....	0.143	-0.3	0.000	1.33	L-Apr.2017	1.4
Jewelry and watches ⁹	0.228	0.5	0.001	1.25	L-Apr.2017	3.5
Watches ^{4, 9}	0.085	1.7	0.001	1.51	S-Jun.2017	-3.0
Jewelry ⁹	0.143	0.4	0.001	1.40	L-Apr.2017	0.5
Transportation commodities less motor fuel ¹²	6.062	-0.1	-0.006	0.07	L-Jan.2017	0.4
New vehicles.....	3.601	0.0	-0.001	0.12	L-Jan.2017	0.9
New cars and trucks ^{5, 6}		0.0		0.15	L-Jan.2017	0.8
New cars ⁶		-0.2		0.17	L-Apr.2017	-0.1
New trucks ^{14, 6}		0.1		0.15	L-Jan.2017	0.8
Used cars and trucks.....	1.988	-0.2	-0.004	0.02	L-May 2017	-0.2
Motor vehicle parts and equipment ⁴	0.381	-0.2	-0.001	0.27	S-May 2017	-0.4
Tires ⁴	0.226	0.0	0.000	0.33	L-Jun.2017	0.1
Vehicle accessories other than tires ^{4, 5}	0.155	-0.4	-0.001	0.42	S-Sep.2016	-0.8
Vehicle parts and equipment other than tires ^{4, 6}		-0.5		0.36	S-Sep.2016	-0.6
Motor oil, coolant, and fluids ^{4, 6}		-0.6		0.83	S-May 2017	-0.9
Medical care commodities.....	1.870	-0.1	-0.002	0.26	S-Apr.2017	-0.8
Medicinal drugs ^{4, 12}	1.811	0.2	0.004	0.27	S-May 2017	0.1
Prescription drugs ¹¹	1.450	0.2	0.003	0.33	S-Apr.2017	-0.9
Nonprescription drugs ^{4, 12}	0.361	-0.5	-0.002	0.46	S-Oct.2016	-0.8
Medical equipment and supplies ^{4, 12}	0.059	0.2	0.000	0.54	L-Feb.2017	0.8
Recreation commodities ¹²	1.740	-0.4	-0.008	0.17	—	—
Video and audio products ¹²	0.210	-1.5	-0.003	0.54	S-Sep.2016	-2.2
Televisions.....	0.100	-2.0	-0.002	0.85	S-Dec.2016	-2.5

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Other video equipment ⁵	0.025	-2.7	-0.001	0.67	S-Mar.2012	-3.0
Audio equipment ⁴	0.054	-0.7	0.000	1.01	L-Apr.2017	1.1
Recorded music and music subscriptions ^{4, 5}	0.024	-0.7	0.000	0.72	S-Oct.2016	-0.8
Pets and pet products ⁴	0.576	0.0	0.000	0.26	S-Jun.2017	-0.3
Pet food ^{4, 5, 6}		0.7		0.30	L-Apr.2016	0.8
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		-0.8		0.48	S-Jun.2016	-0.8
Sporting goods.....	0.422	-0.6	-0.002	0.29	S-Apr.2017	-1.0
Sports vehicles including bicycles ⁴	0.222	-1.6	-0.004	0.37	S-Oct.2015	-1.6
Sports equipment.....	0.191	0.2	0.000	0.46	S-Jun.2017	0.1
Photographic equipment and supplies.....	0.038	0.2	0.000	0.73	L-Feb.2017	0.6
Film and photographic supplies ^{4, 5, 6}						
Photographic equipment ^{5, 6}		0.1		0.80	L-Feb.2017	0.7
Recreational reading materials ⁴	0.148	-0.5	-0.001	0.67	S-Jun.2017	-0.9
Newspapers and magazines ^{4, 5}	0.088	-1.0	-0.001	0.85	S-Jan.2017	-1.0
Recreational books ^{4, 5}	0.060	0.3	0.000	0.95	S-Jun.2017	-1.9
Other recreational goods ⁵	0.345	-0.3	-0.001	0.38	L-Feb.2017	-0.1
Toys.....	0.274	-0.4	-0.001	0.43	L-Feb.2017	-0.3
Toys, games, hobbies and playground equipment ^{5, 6}		-0.8		0.49	L-Jun.2017	-0.8
Sewing machines, fabric and supplies ^{4, 5}	0.024	1.3	0.000	1.25	S-May 2017	-0.5
Music instruments and accessories ^{4, 5}	0.033	-0.5	0.000	0.26	S-Jun.2017	-0.9
Education and communication commodities ¹²	0.602	-0.8	-0.005	0.31	S-Mar.2017	-0.9
Educational books and supplies.....	0.161	-1.3	-0.002	0.42	S-Apr.2017	-1.3
College textbooks ^{4, 15, 6}		-0.1		0.50	S-May 2017	-0.9
Information technology commodities ¹²	0.441	-0.6	-0.003	0.39	S-Mar.2017	-1.4
Personal computers and peripheral equipment ⁷	0.267	-0.4	-0.001	0.47	S-May 2017	-0.9
Computer software and accessories ^{4, 5}	0.086	-1.1	-0.001	1.26	S-Mar.2017	-1.2
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.087	-0.7	-0.001	0.59	L-Jun.2017	0.4
Alcoholic beverages.....	0.944	0.1	0.001	0.13	—	—
Alcoholic beverages at home.....	0.578	0.1	0.000	0.21	S-Jun.2017	-0.1
Beer, ale, and other malt beverages at home.....	0.267	0.3	0.001	0.25	L-Apr.2017	0.8
Distilled spirits at home.....	0.072	0.2	0.000	0.35	L-Jun.2017	0.4
Whiskey at home ^{4, 6}		-0.3		0.49	S-May 2017	-0.7
Distilled spirits, excluding whiskey, at home ⁶		0.3		0.52	L-Jun.2017	0.7
Wine at home.....	0.239	-0.5	-0.001	0.41	S-May 2017	-1.2
Alcoholic beverages away from home ⁴	0.366	0.2	0.001	0.12	L-Jun.2017	0.4
Beer, ale, and other malt beverages away from home ^{1, 5, 6}		0.2		0.19	L-Jun.2017	0.3
Wine away from home ^{4, 5, 6}		0.1		0.09	L-Jun.2017	0.2
Distilled spirits away from home ^{4, 5, 6}		0.3		0.14	L-Jun.2017	0.3
Other goods ¹²	1.554	-0.4	-0.006	0.17	S-Nov.2014	-0.4
Tobacco and smoking products.....	0.687	-0.1	-0.001	0.14	—	—
Cigarettes ⁵	0.623	-0.2	-0.001	0.15	—	—
Tobacco products other than cigarettes ^{4, 5}	0.046	0.9	0.000	0.34	L-Dec.2016	1.1
Personal care products ⁴	0.687	-0.6	-0.004	0.31	S-Mar.2017	-0.6
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.366	-1.1	-0.004	0.40	S-May 2012	-1.1
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.315	0.1	0.000	0.43	S-May 2017	-0.9
Miscellaneous personal goods ⁵	0.180	-0.6	-0.001	0.56	S-Mar.2017	-1.9
Stationery, stationery supplies, gift wrap ⁶		-1.1		0.57	S-Apr.2017	-1.1
Infants' equipment ^{4, 8, 6}		0.2		0.59	L-Jun.2017	0.9

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Services less energy services.....	60.185	0.4	0.220	0.04	L-May 2006	0.4
Shelter.....	33.793	0.5	0.155	0.05	L-Oct.2005	0.5
Rent of shelter ¹⁶	33.451	0.5	0.153	0.05	L-Oct.2005	0.5
Rent of primary residence ¹¹	7.907	0.4	0.031	0.04	L-Oct.2016	0.4
Lodging away from home ⁵	0.932	4.4	0.038	1.49	L-EVER	—
Housing at school, excluding board ^{11, 16}	0.120	-0.2	0.000	0.10	S-Aug.2015	-0.2
Other lodging away from home including hotels and motels.....	0.812	5.1	0.038	1.71	L-Jan.1991	5.2
Owners' equivalent rent of residences ^{11, 16}	24.612	0.3	0.086	0.03	—	—
Owners' equivalent rent of primary residence ^{11, 16}	23.486	0.3	0.082	0.03	—	—
Tenants' and household insurance ^{4, 5}	0.342	0.0	0.000	0.14	S-May 2017	0.0
Water and sewer and trash collection services ⁵	1.178	0.0	0.000	0.08	—	—
Water and sewerage maintenance ¹¹	0.893	0.0	0.000	0.10	—	—
Garbage and trash collection ^{4, 14}	0.285	0.1	0.000	0.06	—	—
Household operations ^{4, 5}	0.856	0.3	0.002	0.11	S-Jun.2017	-0.1
Domestic services ^{4, 5}	0.281	0.1	0.000	0.13	L-Jun.2017	0.6
Gardening and lawncare services ^{4, 5}	0.115	1.3	0.002	0.65	S-Jun.2017	-4.5
Moving, storage, freight expense ⁵	0.092	-0.3	0.000	0.23	S-Apr.2016	-1.4
Repair of household items ^{4, 5}	6.672	0.2	0.013	0.07	S-May 2017	-0.1
Medical care services.....	3.101	0.4	0.012	0.09	L-Aug.2016	0.4
Professional services.....	1.658	0.4	0.006	0.09	L-Nov.2016	0.5
Physicians' services ¹¹	0.815	0.2	0.001	0.16	—	—
Dental services ¹¹	0.314	1.4	0.004	0.29	L-May 2012	1.5
Eyeglasses and eye care ^{4, 9}	0.314	0.0	0.000	0.22	—	—
Services by other medical professionals ^{4, 11, 9}	2.567	0.1	0.004	0.11	S-May 2017	0.1
Hospital and related services.....	2.296	0.2	0.005	0.12	S-May 2017	0.1
Hospital services ^{11, 17}	0.2	0.2	0.000	0.25	S-May 2017	0.0
Inpatient hospital services ^{11, 17, 6}	0.2	0.2	0.000	0.35	S-May 2017	0.2
Outpatient hospital services ^{11, 9, 6}	0.196	-0.3	-0.001	0.11	S-Feb.2001	-0.6
Nursing homes and adult day services ^{11, 17}	0.075	-0.1	0.000	0.12	S-Jun.2017	-0.7
Care of invalids and elderly at home ^{4, 8}	1.004	0.0	0.000	0.10	S-May 2017	-0.2
Health insurance ^{4, 8}	5.996	0.4	0.025	0.11	L-Mar.2017	0.4
Transportation services.....	0.546	0.1	0.000	0.48	L-May 2017	1.0
Leased cars and trucks ¹⁵	0.119	-2.1	-0.002	1.88	S-Jan.2017	-4.3
Car and truck rental ⁵	1.155	0.3	0.004	0.16	L-Jan.2017	0.5
Motor vehicle maintenance and repair ⁴	0.057	0.2	0.000	0.19	L-Apr.2017	0.4
Motor vehicle body work ⁴	0.671	0.4	0.003	0.21	L-Jan.2017	0.8
Motor vehicle maintenance and servicing ⁴	0.386	0.1	0.001	0.18	L-Apr.2017	0.2
Motor vehicle repair ^{4, 5}	2.551	1.0	0.025	0.13	L-Jun.2017	1.0
Motor vehicle insurance.....	0.526	0.2	0.001	0.12	S-Jun.2017	0.0
Motor vehicle fees ^{4, 5}	0.282	0.0	0.000	0.02	S-Jun.2017	0.0
State motor vehicle registration and license fees ^{4, 11, 5}	0.233	0.4	0.001	0.13	S-Jun.2017	0.0
Parking and other fees ^{4, 5}	0.2	0.2	0.000	0.17	S-Jun.2017	0.2
Parking fees and tolls ^{4, 5, 6}	1.099	-0.3	-0.003	0.37	S-Jun.2017	-1.5
Automobile service clubs ^{4, 5, 6}	0.641	-1.0	-0.006	0.58	S-Jun.2017	-2.7
Public transportation.....	0.177	-0.3	0.000	0.57	S-Jun.2017	-1.6
Airline fares.....	0.177	-0.3	0.000	0.57	S-Jun.2017	-1.6
Other intercity transportation.....	0.177	-0.3	0.000	0.57	S-Jun.2017	-1.6
Intercity bus fare ^{4, 7, 6}	0.177	-3.3	0.000	0.89	S-Feb.2009	-5.0
Intercity train fare ^{4, 7, 6}	0.177	-0.6	0.000	0.92	S-Apr.2017	-2.9
Ship fare ^{4, 5, 6}	0.177	-0.1	0.000	0.87	S-Jun.2017	-2.3

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 2017, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Intracity transportation ⁴	0.278	0.2	0.001	0.04	L-Jun.2017	0.4
Intracity mass transit ^{4, 12, 6}		0.5		0.07	L-Apr.2017	1.2
Recreation services ¹²	3.956	0.5	0.022	0.16	S-Jun.2017	0.0
Video and audio services ¹²	1.685	0.9	0.015	0.13	L-Nov.2016	1.0
Cable and satellite television service ¹⁴	1.587	0.8	0.013	0.12	L-Feb.2017	0.8
Video discs and other media, including rental of video ^{4, 5}	0.097	1.9	0.002	0.95	L-Dec.2015	2.3
Video discs and other media ^{4, 5, 6}		2.5		1.51	L-Jan.2017	4.8
Rental of video discs and other media ^{4, 5, 6}		0.9		0.23	L-Jun.2016	1.8
Pet services including veterinary ⁵	0.370	0.4	0.002	0.14	S-Jun.2017	0.0
Pet services ^{4, 5, 6}		0.7		0.19	L-Aug.2015	0.7
Veterinarian services ^{5, 6}		0.5		0.15	S-Jun.2017	-0.1
Photographers and film processing ^{4, 5}	0.048	-0.1	0.000	0.31	S-Jun.2017	-0.1
Photographer fees ^{4, 5, 6}		0.1		0.06	S-Jun.2017	0.0
Film processing ^{4, 5, 6}		0.1		0.48	S-Jun.2017	-0.6
Other recreation services ⁵	1.853	0.3	0.005	0.30	S-Jun.2017	-0.1
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{4, 5}	0.647	0.5	0.003	0.29	S-Jun.2017	0.2
Admissions.....	0.652	0.3	0.002	0.62	S-Jun.2017	-0.6
Admission to movies, theaters, and concerts ^{4, 5, 6}		1.0		0.54	L-Nov.2016	1.0
Admission to sporting events ^{4, 5, 6}		-0.9		2.29	S-Jun.2017	-1.3
Fees for lessons or instructions ^{4, 9}	0.225	-0.4	-0.001	0.25	S-Nov.2016	-0.6
Education and communication services ¹²	6.104	0.0	0.000	0.07	L-Jun.2017	0.0
Tuition, other school fees, and childcare.....	3.012	0.0	-0.001	0.05	—	—
College tuition and fees.....	1.781	-0.3	-0.006	0.06	S-Aug.2000	-0.3
Elementary and high school tuition and fees.....	0.315	0.3	0.001	0.04	L-Jun.2017	0.4
Child care and nursery school ¹³	0.744	0.2	0.001	0.06	L-Jun.2017	0.2
Technical and business school tuition and fees ⁵	0.042	0.9	0.000	0.08	L-Jan.2017	1.5
Postage and delivery services ⁵	0.138	0.1	0.000	0.02	L-Jun.2017	0.1
Postage.....	0.131	0.1	0.000	0.00	—	—
Delivery services ⁵	0.007	0.8	0.000	0.37	L-Mar.2017	0.8
Telephone services ^{4, 5}	2.249	0.0	0.000	0.11	L-Dec.2016	0.0
Wireless telephone services ^{4, 5}	1.524	-0.1	-0.001	0.12	L-May 2017	-0.1
Land-line telephone services ^{4, 12}	0.725	0.1	0.001	0.20	S-Jun.2017	-0.1
Internet services and electronic information providers ⁵	0.694	0.1	0.001	0.44	L-May 2017	0.1
Other personal services ^{4, 12}	1.631	0.1	0.002	0.08	S-May 2017	0.0
Personal care services ⁴	0.607	0.5	0.003	0.10	L-Jun.2015	1.6
Haircuts and other personal care services ^{4, 5}	0.607	0.5	0.003	0.10	L-Jun.2015	1.6
Miscellaneous personal services ⁴	1.024	-0.1	-0.001	0.13	S-Oct.2016	-0.1
Legal services ^{4, 9}	0.247	-0.6	-0.002	0.12	S-Feb.2017	-0.7
Funeral expenses ^{4, 9}	0.144	0.4	0.001	0.09	L-Feb.2017	0.5
Laundry and dry cleaning services ^{4, 5}	0.269	-0.1	0.000	0.10	S-Oct.2016	-0.2
Apparel services other than laundry and dry cleaning ^{4, 5}	0.026	-0.7	0.000	0.10	S-May 2017	-0.7
Financial services ⁹	0.238	0.5	0.001	0.27	S-Jun.2017	0.0
Checking account and other bank services ^{4, 5, 6}		0.0		0.10	—	—
Tax return preparation and other accounting fees ^{5, 6}		0.8		0.35	S-Jun.2017	-0.2
Special aggregate indexes						

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	One Month				
		Seasonally adjusted percent change Jul. 2017-Aug. 2017	Seasonally adjusted effect on All Items Jul. 2017-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items less food.....	86.332	0.5	0.396	0.04	L-Jan.2017	0.6
All items less shelter.....	66.207	0.4	0.247	0.03	L-Jan.2017	0.7
All items less food and shelter.....	52.539	0.5	0.240	0.04	L-Jan.2017	0.9
All items less food, shelter, and energy.....	45.264	0.1	0.042	0.05	—	—
All items less food, shelter, energy, and used cars and trucks.....	43.276	0.1	0.045	0.05	—	—
All items less medical care.....	91.458	0.4	0.391	0.03	L-Jan.2017	0.6
All items less energy.....	92.725	0.2	0.204	0.04	L-Feb.2017	0.2
Commodities.....	36.018	0.5	0.184	0.05	L-Jan.2017	1.0
Commodities less food, energy, and used cars and trucks.....	16.884	-0.1	-0.021	0.09	S-May 2017	-0.3
Commodities less food.....	22.349	0.8	0.177	0.07	L-Jan.2017	1.6
Commodities less food and beverages.....	21.406	0.8	0.176	0.07	L-Jan.2017	1.7
Services.....	63.982	0.3	0.217	0.04	L-Feb.2017	0.3
Services less rent of shelter ¹⁶	30.531	0.2	0.064	0.04	—	—
Services less medical care services.....	57.310	0.4	0.204	0.05	L-Mar.2014	0.4
Durables.....	9.122	-0.2	-0.017	0.07	L-Jun.2017	-0.2
Nondurables.....	26.896	0.7	0.200	0.06	L-Jan.2017	1.2
Nondurables less food.....	13.228	1.5	0.194	0.11	L-Jan.2017	2.2
Nondurables less food and beverages.....	12.284	1.6	0.193	0.12	L-Jan.2017	2.4
Nondurables less food, beverages, and apparel.....	9.295	2.4	0.219	0.09	L-Jan.2017	2.5
Nondurables less food and apparel.....	10.239	2.3	0.230	0.08	L-Jan.2017	2.3
Housing.....	42.915	0.4	0.163	0.06	L-Mar.2014	0.4
Education and communication ⁵	6.706	-0.1	-0.005	0.07	—	—
Education ⁵	3.174	-0.1	-0.003	0.05	S-Aug.2000	-0.1
Communication ⁵	3.532	-0.1	-0.002	0.13	L-Jan.2017	0.0
Information and information processing ⁵	3.394	-0.1	-0.002	0.13	L-Jan.2017	0.0
Information technology, hardware and services ¹⁸	1.145	-0.2	-0.002	0.32	L-Jun.2017	0.2
Recreation ⁵	5.696	0.2	0.014	0.12	S-Jun.2017	-0.1
Video and audio ⁵	1.895	0.6	0.012	0.15	L-Feb.2017	0.8
Pets, pet products and services ⁵	0.946	0.1	0.001	0.16	S-Jun.2017	-0.2
Photography ⁵	0.087	0.1	0.000	0.38	S-Jun.2017	0.0
Food and beverages.....	14.612	0.1	0.008	0.06	S-Jun.2017	0.0
Domestically produced farm food.....	6.582	-0.3	-0.017	0.11	S-Sep.2016	-0.3
Other services.....	11.691	0.2	0.024	0.07	—	—
Apparel less footwear.....	2.315	0.2	0.005	0.42	S-Jun.2017	-0.3
Fuels and utilities.....	5.155	0.1	0.004	0.06	L-May 2017	0.5
Household energy.....	3.977	0.1	0.004	0.07	L-May 2017	0.5
Medical care.....	8.542	0.1	0.011	0.09	S-May 2017	0.0
Transportation.....	15.356	1.4	0.213	0.06	L-Jan.2017	2.2
Private transportation.....	14.257	1.5	0.216	0.06	L-Jan.2017	2.2
New and used motor vehicles ⁵	6.345	-0.1	-0.008	0.09	L-May 2017	-0.1
Utilities and public transportation.....	9.909	0.0	-0.004	0.07	—	—
Household furnishings and operations.....	3.967	0.1	0.003	0.13	L-Jan.2017	0.3
Other goods and services.....	3.185	-0.1	-0.004	0.09	S-Feb.2015	-0.1
Personal care.....	2.498	-0.1	-0.003	0.11	S-Mar.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 This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

¹² Indexes on a December 2009=100 base.

¹³ Indexes on a December 1990=100 base.

¹⁴ Indexes on a December 1983=100 base.

¹⁵ Indexes on a December 2001=100 base.

¹⁶ Indexes on a December 1982=100 base.

¹⁷ Indexes on a December 1996=100 base.

¹⁸ Indexes on a December 1988=100 base.

NOTE: Index applies to a month as a whole, not to any specific date.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 12-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items.....	100.000	1.9		0.06	L-May 2017	1.9
Food.....	13.668	1.1	0.154	0.09	–	–
Food at home.....	7.873	0.3	0.025	0.14	–	–
Cereals and bakery products.....	1.056	-0.2	-0.002	0.30	L-May 2017	-0.2
Cereals and cereal products.....	0.352	-1.2	-0.004	0.57	L-Jan.2017	-1.1
Flour and prepared flour mixes.....	0.043	-1.6	-0.001	0.80	L-Mar.2017	-0.1
Breakfast cereal.....	0.181	-0.8	-0.002	0.87	L-May 2017	-0.6
Rice, pasta, cornmeal.....	0.128	-1.6	-0.002	1.01	L-Jan.2017	-1.5
Rice ^{4, 5}		-0.9		1.43	L-Nov.2015	-0.8
Bakery products.....	0.703	0.3	0.002	0.35	–	–
Bread ⁴	0.208	0.4	0.001	0.73	L-Jun.2017	0.9
White bread ⁵		1.2		0.87	L-Feb.2016	1.5
Bread other than white ⁵		-0.6		1.12	L-Jun.2017	0.9
Fresh biscuits, rolls, muffins ⁴	0.103	-0.8	-0.001	0.84	S-Feb.2017	-2.2
Cakes, cupcakes, and cookies.....	0.171	1.3	0.002	0.76	L-May 2016	1.6
Cookies ⁵		1.5		1.34	L-Apr.2016	2.9
Fresh cakes and cupcakes ⁵		0.7		1.00	S-Mar.2017	0.7
Other bakery products.....	0.222	0.0	0.000	0.67	S-Jun.2017	-0.4
Fresh sweetrolls, coffeeecakes, doughnuts ⁵		1.5		1.58	L-Dec.2016	1.5
Crackers, bread, and cracker products ⁵		-1.7		1.19	S-Apr.2017	-2.3
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁵		1.0		1.12	S-Jun.2017	0.3
Meats, poultry, fish, and eggs.....	1.760	0.6	0.010	0.33	L-Oct.2015	0.7
Meats, poultry, and fish.....	1.666	0.8	0.014	0.32	S-Jun.2017	-0.3
Meats.....	1.061	0.7	0.008	0.36	S-Jun.2017	-1.0
Beef and veal.....	0.479	0.8	0.004	0.46	S-Jun.2017	-0.8
Uncooked ground beef.....	0.195	1.9	0.004	0.64	S-Jun.2017	0.4
Uncooked beef roasts ⁴	0.065	0.5	0.000	1.06	S-Jun.2017	-0.2
Uncooked beef steaks ⁴	0.170	-1.3	-0.002	0.88	S-Jun.2017	-3.2
Uncooked other beef and veal ⁴	0.048	4.4	0.002	1.35	L-Aug.2015	7.0
Pork.....	0.331	0.9	0.003	0.76	L-Mar.2017	0.9
Bacon, breakfast sausage, and related products ⁴	0.142	6.0	0.008	1.08	L-Sep.2014	7.0
Bacon and related products ⁵		12.5		1.42	L-May 2014	15.3
Breakfast sausage and related products ^{4, 5}		-1.4		1.23	S-Jun.2017	-2.1
Ham.....	0.061	0.9	0.001	1.78	S-Jun.2017	-1.3
Ham, excluding canned ⁵		0.7		1.83	S-Jun.2017	-1.6
Pork chops.....	0.052	-4.1	-0.002	1.93	L-May 2017	-2.7
Other pork including roasts and picnics ⁴	0.075	-4.4	-0.004	1.60	S-Nov.2016	-5.2
Other meats.....	0.251	0.2	0.001	0.74	S-Jun.2017	-1.4
Frankfurters ⁵		3.2		2.77	S-Jun.2017	-2.0
Lunchmeats ^{4, 5}		-0.1		0.69	S-Jun.2017	-2.0
Lamb and organ meats ⁵		-2.1		1.87	L-May 2017	-2.0
Lamb and mutton ^{4, 5}						
Poultry.....	0.341	1.0	0.003	0.68	L-Jun.2015	1.0
Chicken ⁴	0.278	2.1	0.006	0.78	L-Apr.2015	3.5
Fresh whole chicken ⁵		0.3		1.86	L-Jun.2017	2.2
Fresh and frozen chicken parts ⁵		2.5		1.15	L-Apr.2015	3.3
Other poultry including turkey ⁴	0.063	-3.7	-0.002	1.46	S-EVER	–
Fish and seafood.....	0.264	1.2	0.003	0.93	L-Jun.2017	1.3
Fresh fish and seafood ⁴	0.143	1.1	0.002	1.61	L-Jun.2017	1.6
Processed fish and seafood ⁴	0.121	1.4	0.002	1.08	S-Jun.2017	1.0
Shelf stable fish and seafood ⁵		0.8		1.12	S-Jun.2017	0.5

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Frozen fish and seafood ⁵		1.2		1.13	S-Jun.2017	0.7
Eggs.....	0.093	-3.7	-0.004	1.54	L-Mar.2016	0.7
Dairy and related products.....	0.801	0.5	0.004	0.39	S-Jun.2017	0.2
Milk ⁴	0.224	-0.3	-0.001	0.59	S-Jan.2017	-0.7
Fresh whole milk ⁵		-1.1		1.11	S-Dec.2016	-1.2
Fresh milk other than whole ^{4, 5}		0.1		0.80	S-May 2017	0.1
Cheese and related products.....	0.260	1.2	0.003	0.61	L-Mar.2015	3.0
Ice cream and related products.....	0.112	0.3	0.000	1.13	S-Jun.2017	-1.0
Other dairy and related products ⁴	0.206	0.5	0.001	0.86	S-Jun.2017	-0.2
Fruits and vegetables.....	1.333	1.0	0.013	0.44	—	—
Fresh fruits and vegetables.....	1.044	1.6	0.017	0.54	S-Jun.2017	1.3
Fresh fruits.....	0.563	1.3	0.007	0.82	S-Jun.2017	1.1
Apples.....	0.089	-0.7	-0.001	1.70	L-Dec.2016	0.9
Bananas.....	0.084	-0.9	-0.001	1.03	L-Jun.2017	-0.6
Citrus fruits ⁴	0.167	3.8	0.006	1.54	S-Jun.2017	2.8
Oranges, including tangerines ⁵		5.9		1.85	S-May 2017	3.8
Other fresh fruits ⁴	0.222	1.1	0.002	1.38	S-Mar.2017	-0.8
Fresh vegetables.....	0.481	2.1	0.010	0.85	L-May 2017	3.0
Potatoes.....	0.083	1.7	0.001	2.00	S-Jun.2017	1.7
Lettuce.....	0.061	1.8	0.001	2.05	L-May 2017	7.2
Tomatoes.....	0.080	2.1	0.002	1.83	S-May 2017	1.3
Other fresh vegetables.....	0.257	2.2	0.006	1.15	L-May 2017	2.7
Processed fruits and vegetables ⁴	0.290	-1.3	-0.004	0.68	L-Mar.2017	-0.2
Canned fruits and vegetables ⁴	0.150	-2.1	-0.003	0.84	L-Mar.2017	-0.6
Canned fruits ^{4, 5}		-0.9		1.16	L-Jun.2017	-0.4
Canned vegetables ^{4, 5}		-2.5		0.98	L-Mar.2017	-1.4
Frozen fruits and vegetables ⁴	0.087	0.5	0.000	1.49	L-Jun.2017	0.9
Frozen vegetables ⁵		0.6		1.38	L-Jun.2017	1.5
Other processed fruits and vegetables including dried ⁴	0.053	-2.1	-0.001	1.57	L-May 2017	-1.8
Dried beans, peas, and lentils ^{4, 5}		-2.8		1.49	L-Nov.2016	-1.5
Nonalcoholic beverages and beverage materials.....	0.942	-0.1	-0.001	0.44	S-Apr.2017	-0.2
Juices and nonalcoholic drinks ⁴	0.661	0.2	0.002	0.56	—	—
Carbonated drinks.....	0.265	0.3	0.001	0.93	L-Jun.2017	0.8
Frozen noncarbonated juices and drinks ⁴	0.011	6.6	0.001	0.92	S-Jun.2017	1.4
Nonfrozen noncarbonated juices and drinks ⁴	0.385	0.0	0.000	0.76	S-Apr.2017	-0.1
Beverage materials including coffee and tea ⁴	0.281	-1.0	-0.003	0.72	S-Jan.2017	-1.7
Coffee.....	0.176	-0.7	-0.001	0.88	S-Feb.2017	-0.8
Roasted coffee ⁵		-0.8		1.37	S-Feb.2017	-1.0
Instant coffee ⁵		-1.1		1.26	S-Dec.2016	-2.0
Other beverage materials including tea ⁴	0.105	-1.4	-0.002	0.97	S-Jun.2016	-1.4
Other food at home.....	1.981	0.1	0.001	0.29	—	—
Sugar and sweets.....	0.288	0.2	0.001	0.74	S-Jun.2017	0.1
Sugar and artificial sweeteners.....	0.050	-0.1	0.000	1.13	S-May 2017	-1.1
Candy and chewing gum ⁴	0.182	-0.3	0.000	1.01	S-Jun.2017	-0.7
Other sweets ⁴	0.056	1.9	0.001	1.32	S-May 2017	1.6
Fats and oils.....	0.236	1.3	0.003	0.69	S-Jun.2017	1.1
Butter and margarine ⁴	0.069	3.0	0.002	1.16	L-May 2017	4.2
Butter ⁵		4.3		1.76	L-Jun.2016	4.8
Margarine ⁵		2.0		1.89	S-Feb.2017	1.5
Salad dressing ⁴	0.057	0.1	0.000	1.60	S-Jun.2017	-0.1
Other fats and oils including peanut butter ⁴	0.110	0.8	0.001	0.73	S-May 2017	-0.2
Peanut butter ^{4, 5}		-2.2		1.24	S-May 2017	-2.7
Other foods.....	1.457	-0.1	-0.002	0.35	L-May 2017	0.2

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Soups.....	0.096	0.8	0.001	1.35	S-Jun.2017	-0.4
Frozen and freeze dried prepared foods.....	0.258	-1.2	-0.003	0.74	S-Jun.2017	-1.7
Snacks.....	0.325	-0.4	-0.001	0.73	L-Apr.2017	0.2
Spices, seasonings, condiments, sauces.....	0.284	0.9	0.003	0.86	L-May 2017	0.9
Salt and other seasonings and spices ^{4, 5}		0.6		1.54	S-May 2017	0.6
Olives, pickles, relishes ^{4, 5}		-0.7		1.96	L-Mar.2017	-0.3
Sauces and gravies ^{4, 5}		1.7		1.25	L-Nov.2015	3.0
Other condiments ⁵		-0.3		1.49	S-Jun.2017	-0.4
Baby food ⁴	0.055	1.8	0.001	1.36	L-Jun.2017	2.6
Other miscellaneous foods ⁴	0.439	-0.4	-0.002	0.54	S-Dec.2016	-0.5
Prepared salads ^{6, 5}		3.1		1.20	L-Mar.2017	3.6
Food away from home.....	5.796	2.2	0.129	0.12	L-Jun.2017	2.2
Full service meals and snacks ⁴	2.813	2.2	0.062	0.15	S-Nov.2016	2.2
Limited service meals and snacks ⁴	2.469	2.4	0.059	0.19	—	—
Food at employee sites and schools ⁴	0.188	1.4	0.003	1.39	L-May 2017	2.4
Food at elementary and secondary schools ^{7, 5}		0.2		2.33	L-May 2017	1.8
Food from vending machines and mobile vendors ⁴	0.082	2.3	0.002	0.95	—	—
Other food away from home ⁴	0.244	1.2	0.003	0.39	L-Oct.2016	1.2
Energy.....	7.275	6.4	0.451	0.13	L-Apr.2017	9.3
Energy commodities.....	3.478	10.3	0.342	0.15	L-Apr.2017	14.5
Fuel oil and other fuels.....	0.180	9.2	0.016	0.98	L-May 2017	10.4
Fuel oil.....	0.095	9.4	0.008	0.51	L-May 2017	11.9
Propane, kerosene, and firewood ⁶	0.085	9.0	0.007	2.24	L-Apr.2017	10.4
Motor fuel.....	3.298	10.3	0.326	0.15	L-Apr.2017	14.4
Gasoline (all types).....	3.249	10.4	0.322	0.15	L-Apr.2017	14.3
Gasoline, unleaded regular ⁵		10.5		0.96	L-Apr.2017	14.6
Gasoline, unleaded midgrade ^{9, 5}		9.6		1.21	L-Apr.2017	13.1
Gasoline, unleaded premium ⁵		9.7		1.12	L-Apr.2017	13.1
Other motor fuels ⁴	0.049	9.0	0.004	0.30	L-May 2017	12.3
Energy services ¹⁰	3.797	2.9	0.110	0.20	S-Jan.2017	2.9
Electricity ¹⁰	2.981	2.3	0.067	0.24	S-Mar.2017	1.6
Utility (piped) gas service ¹⁰	0.817	5.4	0.043	0.21	S-Oct.2016	4.8
All items less food and energy.....	79.057	1.7	1.334	0.07	—	—
Commodities less food and energy commodities.....	18.872	-0.9	-0.166	0.19	S-Aug.2004	-1.1
Household furnishings and supplies ¹¹	3.112	-1.6	-0.050	0.34	L-Jun.2017	-1.3
Window and floor coverings and other linens ⁴	0.246	-4.7	-0.012	1.21	S-Dec.2016	-5.1
Floor coverings ⁴	0.057	-1.8	-0.001	1.53	S-Sep.2015	-2.4
Window coverings ⁴	0.050	-3.9	-0.002	2.25	S-May 2017	-4.1
Other linens ⁴	0.138	-6.1	-0.009	1.81	L-Jun.2017	-4.9
Furniture and bedding.....	0.744	0.7	0.005	0.90	L-Nov.2012	1.0
Bedroom furniture.....	0.260	1.4	0.004	1.57	L-Mar.2012	1.4
Living room, kitchen, and dining room furniture ⁴	0.355	0.9	0.003	1.13	L-Sep.2015	0.9
Other furniture ⁴	0.123	-1.2	-0.001	1.61	L-Jun.2017	0.4
Infants' furniture ^{7, 5}				1.80	—	—
Appliances ⁴	0.176	-1.8	-0.003	1.08	L-May 2013	-1.8
Major appliances ⁴	0.053	-3.9	-0.002	1.27	L-Sep.2015	-3.9
Laundry equipment ⁵		-3.1		1.51	L-May 2017	-2.4
Other appliances ⁴	0.121	-0.8	-0.001	1.64	L-May 2017	-0.7
Other household equipment and furnishings ⁴	0.434	-6.3	-0.029	0.90	S-Sep.2006	-6.5
Clocks, lamps, and decorator items.....	0.214	-12.5	-0.030	1.50	S-EVER	—
Indoor plants and flowers ¹²	0.101	3.2	0.003	1.34	S-Jun.2017	1.8
Dishes and flatware ⁴	0.051	-0.9	0.000	2.13	L-Apr.2017	1.0
Nonelectric cookware and tableware ⁴	0.068	-2.1	-0.001	1.41	L-Mar.2017	-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 2017, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 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	-0.8	-0.005	0.52	S-Nov.2016	-0.9
Tools, hardware and supplies ⁴	0.177	0.0	0.000	0.93	L-May 2017	0.2
Outdoor equipment and supplies ⁴	0.331	-1.2	-0.004	0.66	S-Oct.2016	-1.4
Housekeeping supplies.....	0.848	-0.7	-0.006	0.43	S-Mar.2017	-1.1
Household cleaning products ⁴	0.333	-1.6	-0.006	0.58	L-Jun.2017	-1.1
Household paper products ⁴	0.231	-0.2	-0.001	0.91	S-Mar.2017	-1.0
Miscellaneous household products ⁴	0.284	0.1	0.000	0.85	S-Jun.2017	-0.8
Apparel.....	2.989	-0.6	-0.018	0.84	S-Jun.2017	-0.7
Men's and boys' apparel.....	0.741	-2.4	-0.019	1.63	L-May 2017	-2.4
Men's apparel.....	0.598	-3.7	-0.023	1.46	S-Mar.2016	-3.7
Men's suits, sport coats, and outerwear.....	0.091	-7.8	-0.008	4.01	S-Jul.2009	-9.1
Men's furnishings.....	0.192	-3.8	-0.008	2.73	S-Dec.2016	-6.4
Men's shirts and sweaters ⁴	0.165	-2.3	-0.004	2.24	L-Jun.2017	0.3
Men's pants and shorts.....	0.143	-2.3	-0.003	2.42	S-Dec.2016	-4.1
Boys' apparel.....	0.144	2.7	0.004	4.33	L-Oct.2016	3.0
Women's and girls' apparel.....	1.204	0.7	0.009	1.43	L-Apr.2017	1.0
Women's apparel.....	1.008	0.4	0.004	1.41	L-Apr.2017	0.8
Women's outerwear.....	0.065	2.3	0.002	5.83	L-Jul.2016	5.5
Women's dresses.....	0.143	2.0	0.003	4.76	S-Jun.2017	1.3
Women's suits and separates ⁴	0.451	-1.3	-0.006	1.51	L-Apr.2017	-1.3
Women's underwear, nightwear, sportswear and accessories ⁴	0.340	1.6	0.006	2.77	L-May 2017	1.7
Girls' apparel.....	0.195	2.6	0.005	3.55	S-Jun.2017	-0.5
Footwear.....	0.674	-0.8	-0.005	1.27	S-Feb.2017	-1.1
Men's footwear.....	0.209	1.1	0.002	2.48	L-Jun.2017	1.6
Boys' and girls' footwear.....	0.166	-1.4	-0.002	2.83	S-Dec.2015	-2.6
Women's footwear.....	0.299	-1.7	-0.005	1.71	S-Jul.2016	-2.2
Infants' and toddlers' apparel.....	0.143	-2.9	-0.004	2.64	S-Mar.2017	-3.6
Jewelry and watches ⁸	0.228	0.9	0.002	4.61	S-Dec.2015	-0.7
Watches ⁸	0.085	6.1	0.005	3.45	L-Apr.2017	7.5
Jewelry ⁸	0.143	-1.9	-0.003	7.24	S-Nov.2015	-3.2
Transportation commodities less motor fuel ¹¹	6.062	-1.7	-0.107	0.15	—	—
New vehicles.....	3.601	-0.7	-0.025	0.24	S-Mar.2009	-0.8
New cars and trucks ^{4, 5}		-0.7		0.36	S-Mar.2009	-0.9
New cars ⁵		-1.2		0.42	S-Jun.2016	-1.2
New trucks ^{13, 5}		-0.1		0.40	L-Jun.2017	0.2
Used cars and trucks.....	1.988	-3.8	-0.080	0.09	L-Jan.2017	-3.7
Motor vehicle parts and equipment.....	0.381	-0.2	-0.001	0.51	S-Jun.2017	-0.3
Tires.....	0.226	-1.0	-0.002	0.71	S-Feb.2017	-1.6
Vehicle accessories other than tires ⁴	0.155	0.9	0.001	0.62	S-Jun.2017	0.2
Vehicle parts and equipment other than tires ⁵		0.7		0.76	—	—
Motor oil, coolant, and fluids ⁵		2.1		1.12	S-Jun.2017	2.0
Medical care commodities.....	1.870	2.4	0.045	0.67	S-May 2016	2.0
Medicinal drugs ¹¹	1.811	2.5	0.045	0.70	S-May 2016	2.2
Prescription drugs ¹⁰	1.450	2.7	0.039	0.86	S-Dec.2015	2.4
Nonprescription drugs ¹¹	0.361	1.6	0.006	0.88	S-Jun.2017	1.3
Medical equipment and supplies ¹¹	0.059	-0.4	0.000	1.06	L-Jun.2017	0.0
Recreation commodities ¹¹	1.740	-3.4	-0.062	0.44	S-May 2017	-3.7
Video and audio products ¹¹	0.210	-6.8	-0.015	1.09	L-Nov.2015	-6.3
Televisions.....	0.100	-9.6	-0.011	1.79	L-Jul.2005	-9.5
Other video equipment ⁴	0.025	-4.9	-0.001	1.69	S-Apr.2017	-4.9
Audio equipment.....	0.054	-9.1	-0.005	1.53	L-Jun.2017	-8.9
Recorded music and music subscriptions ⁴	0.024	7.4	0.002	2.71	S-Jun.2017	5.2
Pets and pet products.....	0.576	-0.6	-0.003	0.66	S-Jun.2017	-0.7

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 2017, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Pet food ^{4, 5}		-1.0		0.71	L-May 2017	-0.9
Purchase of pets, pet supplies, accessories ^{4, 5}		-0.4		1.52	S-May 2017	-0.8
Sporting goods.....	0.422	-2.4	-0.010	1.01	S-May 2017	-3.2
Sports vehicles including bicycles.....	0.222	-2.4	-0.005	1.94	S-Aug.2016	-3.1
Sports equipment.....	0.191	-2.4	-0.005	1.27	L-Sep.2016	-2.4
Photographic equipment and supplies.....	0.038	1.5	0.001	1.92	S-Sep.2016	0.2
Film and photographic supplies ^{4, 5}						
Photographic equipment ^{4, 5}		2.0		1.84	S-Oct.2016	1.7
Recreational reading materials.....	0.148	-0.5	-0.001	1.45	S-Nov.2016	-0.5
Newspapers and magazines ⁴	0.088	3.8	0.003	1.35	—	—
Recreational books ⁴	0.060	-6.1	-0.004	2.83	S-EVER	—
Other recreational goods ⁴	0.345	-8.6	-0.033	1.01	S-EVER	—
Toys.....	0.274	-10.4	-0.032	1.25	S-Feb.2003	-10.7
Toys, games, hobbies and playground equipment ^{4, 5}		-9.9		1.29	S-EVER	—
Sewing machines, fabric and supplies ⁴	0.024	2.6	0.001	2.11	L-Jun.2013	2.8
Music instruments and accessories ⁴	0.033	-0.1	0.000	1.23	S-Jun.2017	-0.4
Education and communication commodities ¹¹	0.602	-2.5	-0.015	0.71	S-Jun.2017	-2.9
Educational books and supplies.....	0.161	0.4	0.001	1.24	S-Dec.1999	-0.5
College textbooks ^{14, 5}		1.7		1.59	S-EVER	—
Information technology commodities ¹¹	0.441	-3.5	-0.016	0.82	S-Jun.2017	-4.3
Personal computers and peripheral equipment ⁶	0.267	-3.3	-0.009	0.96	S-Jun.2017	-4.3
Computer software and accessories ⁴	0.086	-1.7	-0.001	2.42	L-Jan.2016	-1.3
Telephone hardware, calculators, and other consumer information items ⁴	0.087	-5.6	-0.005	1.62	S-May 2017	-7.8
Alcoholic beverages.....	0.944	1.3	0.012	0.33	L-Apr.2017	1.3
Alcoholic beverages at home.....	0.578	0.6	0.004	0.47	L-Apr.2017	0.8
Beer, ale, and other malt beverages at home.....	0.267	1.9	0.005	0.56	L-Apr.2017	2.0
Distilled spirits at home.....	0.072	-0.2	0.000	0.90	L-Jun.2017	-0.2
Whiskey at home ⁵		-0.7		0.95	S-May 2016	-2.2
Distilled spirits, excluding whiskey, at home ⁵		1.0		0.69	L-Dec.2016	1.2
Wine at home.....	0.239	-0.5	-0.001	0.78	S-Jun.2017	-1.0
Alcoholic beverages away from home.....	0.366	2.2	0.008	0.39	L-Jun.2017	2.4
Beer, ale, and other malt beverages away from home ^{4, 5}		2.6		0.61	L-Jun.2017	2.9
Wine away from home ^{4, 5}		1.2		0.55	S-Jul.2016	0.9
Distilled spirits away from home ^{4, 5}		2.1		0.79	L-Feb.2017	2.4
Other goods ¹¹	1.554	2.0	0.030	0.36	S-Mar.2017	0.4
Tobacco and smoking products.....	0.687	6.3	0.041	0.24	S-Mar.2017	3.6
Cigarettes ⁴	0.623	6.3	0.038	0.25	S-Mar.2017	3.7
Tobacco products other than cigarettes ⁴	0.046	5.0	0.002	0.90	L-Aug.2010	5.4
Personal care products.....	0.687	-1.6	-0.012	0.65	S-May 2010	-1.7
Hair, dental, shaving, and miscellaneous personal care products ⁴	0.366	-1.7	-0.006	0.84	S-Jan.2012	-1.7
Cosmetics, perfume, bath, nail preparations and implements.....	0.315	-1.6	-0.005	0.99	S-May 2017	-1.7
Miscellaneous personal goods ⁴	0.180	0.4	0.001	1.36	L-Oct.2014	0.4
Stationery, stationery supplies, gift wrap ⁵		0.7		1.36	—	—
Infants' equipment ^{7, 5}		-3.6		2.23	S-May 2017	-4.9
Services less energy services.....	60.185	2.5	1.500	0.07	L-Jun.2017	2.5
Shelter.....	33.793	3.3	1.101	0.09	L-Jun.2017	3.3
Rent of shelter ¹⁵	33.451	3.3	1.097	0.09	L-Jun.2017	3.3
Rent of primary residence ¹⁰	7.907	3.9	0.302	0.13	L-Jun.2017	3.9
Lodging away from home ⁴	0.932	0.2	0.002	1.64	L-May 2017	2.3

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Housing at school, excluding board ^{10, 15}	0.120	2.4	0.003	0.26	S-EVER	–
Other lodging away from home including hotels and motels.....	0.812	-0.1	-0.001	1.97	L-May 2017	2.2
Owners' equivalent rent of residences ^{10, 15}	24.612	3.3	0.794	0.08	L-May 2017	3.3
Owners' equivalent rent of primary residence ^{10, 15}	23.486	3.3	0.760	0.08	L-May 2017	3.3
Tenants' and household insurance ⁴	0.342	1.1	0.004	0.60	–	–
Water and sewer and trash collection services ⁴	1.178	3.2	0.038	0.42	S-May 2017	3.2
Water and sewerage maintenance ¹⁰	0.893	3.6	0.032	0.55	S-Jun.2017	3.6
Garbage and trash collection ¹³	0.285	2.1	0.006	0.26	S-May 2017	2.0
Household operations ⁴	0.856	2.7	0.023	1.96	L-May 2017	3.0
Domestic services ⁴						
Gardening and lawncare services ⁴	0.281	2.8	0.008	0.50	L-Jun.2017	3.4
Moving, storage, freight expense ⁴	0.115	-1.4	-0.002	12.29	L-May 2017	2.1
Repair of household items ⁴	0.092	6.8	0.006	0.91	S-May 2017	6.5
Medical care services.....	6.672	1.6	0.110	0.31	S-Jun.1950	1.6
Professional services.....	3.101	0.2	0.005	0.40	–	–
Physicians' services ¹⁰	1.658	-0.8	-0.014	0.70	S-EVER	–
Dental services ¹⁰	0.815	1.6	0.013	0.45	S-May 2017	1.4
Eyeglasses and eye care ⁸	0.314	0.4	0.001	0.81	L-Feb.2017	1.2
Services by other medical professionals ^{10, 8}	0.314	1.8	0.006	0.68	L-Jun.2017	2.5
Hospital and related services.....	2.567	4.1	0.103	0.34	S-Feb.2017	4.1
Hospital services ^{10, 16}	2.296	4.4	0.098	0.40	S-Feb.2017	4.3
Inpatient hospital services ^{10, 16, 5}		3.9		0.80	S-Feb.2017	3.9
Outpatient hospital services ^{10, 8, 5}		4.5		1.07	S-Feb.2017	4.3
Nursing homes and adult day services ^{10, 16}	0.196	2.7	0.005	0.39	S-May 2017	2.6
Care of invalids and elderly at home ⁷	0.075	-1.0	-0.001	0.66	L-May 2017	0.0
Health insurance ⁷	1.004	0.2	0.002	0.36	S-Mar.2015	-0.4
Transportation services.....	5.996	3.5	0.208	0.28	L-Mar.2017	3.8
Leased cars and trucks ¹⁴	0.546	0.3	0.002	1.21	L-Sep.2016	0.3
Car and truck rental ⁴	0.119	2.0	0.002	3.47	S-Jun.2017	-1.0
Motor vehicle maintenance and repair.....	1.155	1.7	0.019	0.41	L-May 2017	1.8
Motor vehicle body work.....	0.057	2.1	0.001	0.58	L-Jun.2017	2.2
Motor vehicle maintenance and servicing.....	0.671	1.8	0.012	0.63	L-Apr.2017	1.9
Motor vehicle repair ⁴	0.386	1.2	0.005	0.51	L-May 2017	1.9
Motor vehicle insurance.....	2.551	8.1	0.196	0.49	L-Mar.2017	8.1
Motor vehicle fees ⁴	0.526	1.4	0.007	0.48	S-Oct.2016	1.1
State motor vehicle registration and license fees ^{10, 4}	0.282	1.4	0.004	0.76	S-Dec.2016	1.3
Parking and other fees ⁴	0.233	1.4	0.003	0.44	L-Feb.2017	1.4
Parking fees and tolls ^{4, 5}		2.9		0.68	L-Dec.2016	3.2
Automobile service clubs ^{4, 5}						
Public transportation.....	1.099	-1.7	-0.019	0.66	S-Jun.2017	-2.2
Airline fares.....	0.641	-3.2	-0.020	0.98	S-Jun.2017	-4.3
Other intercity transportation.....	0.177	-0.6	-0.001	1.76	S-Jun.2017	-0.6
Intercity bus fare ^{6, 5}				1.86	–	–
Intercity train fare ^{6, 5}		1.6		1.38	L-Jun.2017	2.8
Ship fare ^{4, 5}		-3.5		3.01	S-Jun.2015	-4.1
Intracity transportation.....	0.278	1.0	0.003	0.33	L-Jun.2017	2.1
Intracity mass transit ^{11, 5}		0.8		0.87	L-Jun.2017	1.9
Recreation services ¹¹	3.956	3.8	0.148	0.33	L-Feb.2017	3.8
Video and audio services ¹¹	1.685	5.4	0.087	0.36	L-EVER	–
Cable and satellite television service ¹³	1.587	6.0	0.091	0.34	L-Jun.2006	6.1

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Video discs and other media, including rental of video ⁴	0.097	-3.9	-0.004	2.22	L-May 2017	-3.8
Video discs and other media ^{4, 5}		-6.7		3.50	L-Apr.2017	-4.7
Rental of video discs and other media ^{4, 5}		1.2		0.82	L-May 2017	2.1
Pet services including veterinary ⁴	0.370	2.0	0.007	0.50	L-Apr.2017	2.1
Pet services ^{4, 5}		1.0		0.67	L-Apr.2017	1.3
Veterinarian services ^{4, 5}		2.3		0.84	L-Mar.2017	2.4
Photographers and film processing ⁴	0.048	-1.4	-0.001	0.81	S-Feb.2006	-1.5
Photographer fees ^{4, 5}		-2.0		0.82	L-Dec.2016	-1.0
Film processing ^{4, 5}		-3.1		1.62	S-EVER	—
Other recreation services ⁴	1.853	2.9	0.054	0.56	L-Feb.2017	3.2
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ⁴	0.647	3.1	0.020	0.74	L-Dec.2016	3.1
Admissions.....	0.652	2.5	0.016	1.22	L-Apr.2017	3.0
Admission to movies, theaters, and concerts ^{4, 5}		3.5		1.19	L-Feb.2017	4.0
Admission to sporting events ^{4, 5}		-1.0		3.44	S-Aug.2011	-1.3
Fees for lessons or instructions ⁸	0.225	3.6	0.008	0.67	S-Mar.2017	3.2
Education and communication services ¹¹	6.104	-2.6	-0.166	0.21	S-EVER	—
Tuition, other school fees, and childcare.....	3.012	2.2	0.066	0.17	S-EVER	—
College tuition and fees.....	1.781	1.9	0.034	0.19	S-Jun.2017	1.9
Elementary and high school tuition and fees.....	0.315	3.8	0.012	0.31	L-Apr.2016	3.9
Child care and nursery school ¹²	0.744	2.2	0.016	0.34	S-Dec.2014	2.2
Technical and business school tuition and fees ⁴	0.042	3.5	0.001	0.33	L-Jan.2013	3.7
Postage and delivery services ⁴	0.138	3.2	0.004	0.50	L-Jun.2017	3.2
Postage.....	0.131	3.1	0.004	0.53	—	—
Delivery services ⁴	0.007	4.3	0.000	0.83	L-Apr.2017	5.1
Telephone services ⁴	2.249	-9.0	-0.226	0.32	S-Jun.2017	-9.0
Wireless telephone services ⁴	1.524	-13.2	-0.236	0.43	L-Jun.2017	-13.2
Land-line telephone services ¹¹	0.725	1.3	0.009	0.55	S-Jun.2017	1.2
Internet services and electronic information providers ⁴	0.694	-1.5	-0.011	1.02	S-Mar.2017	-1.7
Other personal services ¹¹	1.631	2.4	0.039	0.33	L-Jun.2017	2.4
Personal care services.....	0.607	2.1	0.013	0.35	L-May 2016	3.2
Haircuts and other personal care services ⁴	0.607	2.1	0.013	0.35	L-May 2016	3.2
Miscellaneous personal services.....	1.024	2.5	0.026	0.47	S-Apr.2016	2.5
Legal services ⁸	0.247	2.1	0.005	0.81	S-Apr.2016	1.9
Funeral expenses ⁸	0.144	2.2	0.003	0.49	L-Apr.2017	2.2
Laundry and dry cleaning services ⁴	0.269	2.6	0.007	0.54	S-Feb.2017	2.4
Apparel services other than laundry and dry cleaning ⁴	0.026	1.0	0.000	0.44	S-May 2017	0.8
Financial services ⁸	0.238	3.4	0.008	1.55	L-Apr.2017	4.5
Checking account and other bank services ^{4, 5}		0.4		2.77	—	—
Tax return preparation and other accounting fees ^{4, 5}		5.3		1.45	L-May 2017	5.4
Special aggregate indexes						
All items less food.....	86.332	2.1	1.785	0.07	L-Apr.2017	2.5
All items less shelter.....	66.207	1.3	0.838	0.08	L-Apr.2017	1.6
All items less food and shelter.....	52.539	1.3	0.684	0.10	L-Apr.2017	1.9
All items less food, shelter, and energy.....	45.264	0.5	0.232	0.11	S-Jan.2004	0.5
All items less food, shelter, energy, and used cars and trucks.....	43.276	0.7	0.312	0.12	S-EVER	—
All items less medical care.....	91.458	2.0	1.784	0.06	L-Apr.2017	2.1

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2017, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2017	Twelve Month				
		Unadjusted percent change Aug. 2016-Aug. 2017	Unadjusted effect on All Items Aug. 2016-Aug. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items less energy.....	92.725	1.6	1.488	0.06	—	—
Commodities.....	36.018	0.9	0.330	0.11	L-Apr.2017	1.2
Commodities less food, energy, and used cars and trucks.....	16.884	-0.5	-0.086	0.21	S-Jun.2016	-0.5
Commodities less food.....	22.349	0.8	0.176	0.16	L-Apr.2017	1.5
Commodities less food and beverages.....	21.406	0.8	0.164	0.16	L-Apr.2017	1.6
Services.....	63.982	2.5	1.609	0.07	—	—
Services less rent of shelter ¹⁵	30.531	1.7	0.512	0.12	S-Jan.2016	1.7
Services less medical care services.....	57.310	2.6	1.499	0.07	L-Jun.2017	2.6
Durables.....	9.122	-1.9	-0.183	0.15	L-Jun.2017	-1.8
Nondurables.....	26.896	1.9	0.513	0.13	L-Apr.2017	2.3
Nondurables less food.....	13.228	2.7	0.359	0.24	L-Apr.2017	4.2
Nondurables less food and beverages.....	12.284	2.8	0.347	0.26	L-Apr.2017	4.4
Nondurables less food, beverages, and apparel.....	9.295	4.0	0.365	0.17	L-Apr.2017	5.8
Nondurables less food and apparel.....	10.239	3.7	0.377	0.16	L-Apr.2017	5.4
Housing.....	42.915	2.9	1.237	0.08	L-Jun.2017	3.0
Education and communication ⁴	6.706	-2.6	-0.182	0.19	S-EVER	—
Education ⁴	3.174	2.1	0.067	0.16	S-EVER	—
Communication ⁴	3.532	-6.5	-0.249	0.32	S-Apr.2017	-6.5
Information and information processing ⁴	3.394	-6.8	-0.253	0.33	S-Apr.2017	-6.9
Information technology, hardware and services ¹⁷	1.145	-2.2	-0.027	0.69	S-May 2017	-2.4
Recreation ⁴	5.696	1.5	0.085	0.25	L-Feb.2017	1.5
Video and audio ⁴	1.895	3.9	0.072	0.33	L-EVER	—
Pets, pet products and services ⁴	0.946	0.4	0.004	0.43	S-Jun.2017	0.1
Photography ⁴	0.087	-0.1	0.000	0.99	S-Jun.2016	-0.3
Food and beverages.....	14.612	1.1	0.166	0.09	—	—
Domestically produced farm food.....	6.582	0.4	0.024	0.16	L-Nov.2015	0.5
Other services.....	11.691	0.2	0.020	0.17	L-Apr.2017	0.2
Apparel less footwear.....	2.315	-0.5	-0.012	1.01	L-Apr.2017	0.4
Fuels and utilities.....	5.155	3.2	0.163	0.16	S-Dec.2016	2.7
Household energy.....	3.977	3.2	0.125	0.20	S-Dec.2016	2.5
Medical care.....	8.542	1.8	0.155	0.29	S-Jan.1965	1.6
Transportation.....	15.356	2.8	0.427	0.13	L-Apr.2017	3.5
Private transportation.....	14.257	3.1	0.446	0.13	L-Apr.2017	3.8
New and used motor vehicles ⁴	6.345	-1.6	-0.103	0.19	L-Jun.2017	-1.4
Utilities and public transportation.....	9.909	-0.1	-0.006	0.16	S-Mar.2016	-0.1
Household furnishings and operations.....	3.967	-0.7	-0.027	0.47	L-Jun.2017	-0.6
Other goods and services.....	3.185	2.2	0.069	0.26	S-Mar.2017	1.8
Personal care.....	2.498	1.1	0.028	0.32	S-May 2017	1.0

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 This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

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.

NOTE: Index applies to a month as a whole, not to any specific date.