



**Transmission of material in this release is embargoed until
8:30 a.m. (EDT) October 13, 2017**

USDL-17-1368

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CONSUMER PRICE INDEX – SEPTEMBER 2017

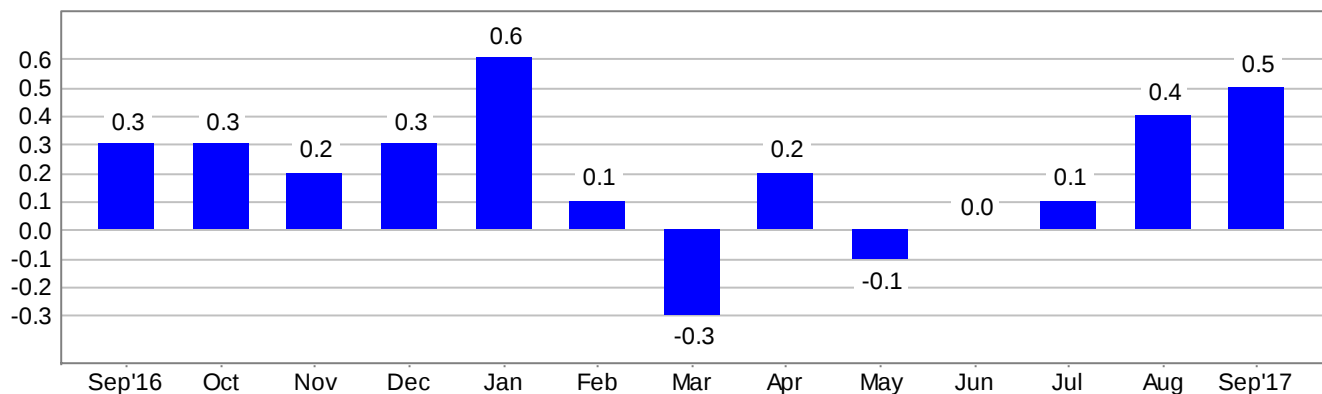
The Consumer Price Index for All Urban Consumers (CPI-U) rose 0.5 percent in September on a seasonally adjusted basis, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index rose 2.2 percent.

The gasoline index increased 13.1 percent in September and accounted for about three-fourths of the seasonally adjusted all items increase. Other major energy component indexes were mixed, and the food index rose slightly.

The index for all items less food and energy increased 0.1 percent in September. The shelter index continued to increase, and the indexes for motor vehicle insurance, recreation, education, and wireless telephone services also rose. These increases more than offset declines in the indexes for new vehicles, household furnishings and operations, medical care, and used cars and trucks.

The all items index rose 2.2 percent for the 12 months ending September; the 12-month change has been accelerating since it was 1.6 percent in June. The 12-month change in the index for all items less food and energy remained at 1.7 percent for the fifth month in a row. The energy index rose 10.1 percent over the past 12 months, its largest 12-month increase since the period ending March 2017. The food index increased 1.2 percent over the last year.

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



Hurricane Irma

Hurricane Irma had a small impact on data collection in September. Data collection was affected in some areas in Florida.

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

Percent change

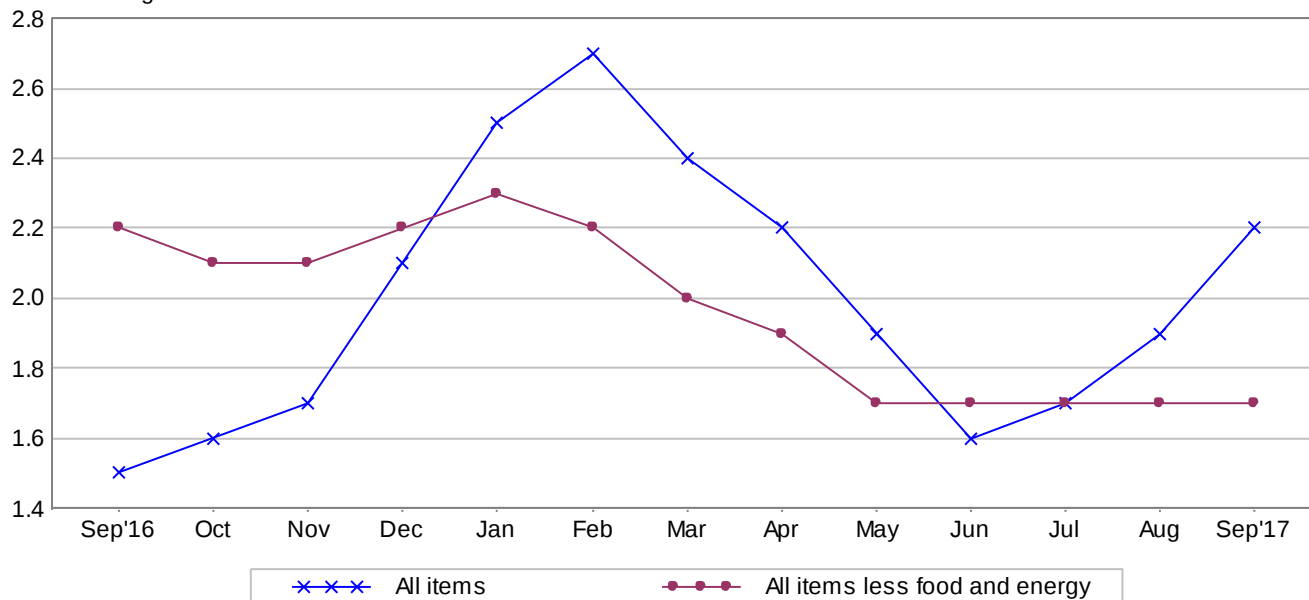


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Sep. 2017
	Mar. 2017	Apr. 2017	May 2017	June 2017	July 2017	Aug. 2017	Sep. 2017	
All items	-.3	.2	-.1	.0	.1	.4	.5	2.2
Food	.3	.2	.2	.0	.2	.1	.1	1.2
Food at home	.5	.2	.1	-.1	.2	-.2	.0	.4
Food away from home ¹	.2	.2	.2	.0	.2	.3	.3	2.4
Energy	-3.2	1.1	-2.7	-1.6	-1.1	2.8	6.1	10.1
Energy commodities	-6.0	1.3	-6.2	-2.7	.0	6.1	12.6	18.9
Gasoline (all types)	-6.2	1.2	-6.4	-2.8	.0	6.3	13.1	19.3
Fuel oil ¹	-.8	-.3	-2.8	-3.7	-2.0	2.9	8.2	15.6
Energy services	-.3	.9	.7	-.5	-.2	-.1	-.2	2.2
Electricity	-.1	.6	.3	-.6	.4	.0	.0	1.7
Utility (piped) gas service	-.8	2.2	1.9	-.2	-2.3	-.5	-.8	3.8
All items less food and energy	-.1	.1	.1	.1	.1	.2	.1	1.7
Commodities less food and energy commodities	-.3	-.2	-.3	-.1	-.1	-.1	-.2	-1.0
New vehicles	-.3	-.2	-.2	-.3	-.5	.0	-.4	-1.0
Used cars and trucks	-.9	-.5	-.2	-.7	-.5	-.2	-.2	-3.7
Apparel	-.7	-.3	-.8	-.1	.3	.1	-.1	-.2
Medical care commodities	.2	-.8	.4	.7	1.0	-.1	-.8	1.0
Services less energy services	-.1	.1	.2	.2	.2	.4	.2	2.6
Shelter	.1	.3	.2	.2	.1	.5	.3	3.2
Transportation services	.4	-.2	.3	.2	.2	.4	.3	3.9
Medical care services	.1	.0	-.1	.3	.3	.2	.1	1.7

¹ Not seasonally adjusted.

Food

The food index rose 0.1 percent in September, the same increase as in August. The index for food away from home rose 0.3 percent, while the index for food at home was unchanged in September after declining in August. Among the six major grocery store food group indexes, there were three increases and three declines. The index for nonalcoholic beverages increased 0.4 percent after falling 0.4 percent in August. The indexes for cereals and bakery products and for other food at home also increased in September.

The index for dairy and related products fell 0.6 percent in September following a 0.4-percent decline in August. The index for meats, poultry, fish and eggs also continued to fall, declining 0.4 percent. The index for fruits and vegetables fell 0.2 percent, with the fresh vegetables index declining 0.8 percent, but the index for fresh fruits rising 0.5 percent.

Over the last 12 months, the index for food at home rose 0.4 percent. The index for fruits and vegetables rose 1.2 percent over the span, the largest increase among the major grocery store food groups. The indexes for cereals and bakery products and for dairy and related products both declined slightly over the last 12 months. The index for food away from home rose 2.4 percent over the last year.

Energy

The energy index increased 6.1 percent in September following a 2.8-percent increase in August. The major factor in the increase was a 13.1-percent rise in the gasoline index, the largest monthly increase since June 2009. (Before seasonal adjustment, gasoline prices increased 10.6 percent in September.) The fuel oil index also rose sharply, increasing 8.2 percent. However, the electricity index was unchanged and the index for natural gas declined 0.8 percent.

The gasoline index increased 19.3 percent over the last 12 months. The other energy component indexes also rose over the past year, with the index for natural gas rising 3.8 percent and the index for electricity increasing 1.7 percent.

All items less food and energy

The index for all items less food and energy increased 0.1 percent in September following a 0.2-percent rise in August. The shelter index rose 0.3 percent in September following a 0.5-percent increase in August. The indexes for rent and owners' equivalent rent both rose 0.2 percent, while the index for lodging away from home increased 1.5 percent.

The motor vehicle insurance index rose 0.5 percent in September; it has declined only once in the last 23 months. The education index increased 0.3 percent, and the index for recreation rose 0.2 percent. The index for wireless telephone services rose 0.4 percent in September, ending a streak of 14 consecutive declines. The indexes for alcoholic beverages, personal care, and tobacco also increased in September.

The index for new vehicles, which was unchanged in August, fell 0.4 percent in September. The index for household furnishings and operations declined 0.3 percent, and the index for used cars and trucks continued to fall, declining 0.2 percent. The medical care index fell slightly in September, declining 0.1 percent as declines in the indexes for prescription and nonprescription drugs outweighed increases in medical care service indexes. The apparel index declined 0.1 percent in September.

The index for all items less food and energy rose 1.7 percent over the past 12 months. The shelter index rose 3.2 percent over that span, and the index for medical care increased 1.6 percent. The index for new vehicles fell 1.0 percent over the last 12 months, its largest 12-month decline since the period ending February 2009.

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 2.2 percent over the last 12 months to an index level of 246.819 (1982-84=100). For the month, the index increased 0.5 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 2.3 percent over the last 12 months to an index level of 240.939 (1982-84=100). For the month, the index increased 0.6 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 2.2 percent over the last 12 months. For the month, the index increased 0.6 percent on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

The Consumer Price Index for October 2017 is scheduled to be released on Wednesday, November 15, 2017, at 8:30 a.m. (EST).

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: <https://www.bls.gov/cpi/additional-resources/geographic-revision-2018.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 <https://www.bls.gov/cpi/tables/variance-estimates/2016.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 <https://www.bls.gov/cpi/seasonal-adjustment/questions-and-answers.htm> and the Timeline of Seasonal Adjustment Methodological Changes at <https://www.bls.gov/cpi/seasonal-adjustment/timeline-seasonal-adjustment-methodology-changes.htm>.

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

Intervention Analysis

The Bureau of Labor Statistics uses intervention analysis seasonal adjustment for some CPI series. Sometimes extreme values or sharp movements can distort the underlying seasonal pattern of price change. Intervention analysis seasonal adjustment is a process by which the distortions caused by such unusual events are estimated and removed from the data prior to calculation of seasonal factors. The resulting seasonal factors, which more accurately represent the seasonal pattern, are then applied to the unadjusted data.

For example, this procedure was used for the motor fuel series to offset the effects of the 2009 return to normal pricing after the worldwide economic downturn in 2008. Retaining this outlier data during seasonal factor calculation would distort the computation of the seasonal portion of the time series data for motor fuel, so it was estimated and removed from the data prior to seasonal adjustment. Following that, seasonal factors were calculated based on this “prior adjusted” data. These seasonal factors represent a clearer picture of the seasonal pattern in the data. The last step is for motor fuel seasonal factors to be applied to the unadjusted data.

For the seasonal factors introduced in January 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 <https://www.bls.gov/cpi/seasonal-adjustment/home.htm> or contact the CPI seasonal adjustment section at 202-691-6968 or cpiseas@bls.gov.

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

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2017

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016	Aug. 2017	Sep. 2017	Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
All items.....	100.000	241.428	245.519	246.819	2.2	0.5	0.1	0.4	0.5
Food.....	13.643	247.917	250.493	250.993	1.2	0.2	0.2	0.1	0.1
Food at home.....	7.846	238.120	238.843	239.128	0.4	0.1	0.2	-0.2	0.0
Cereals and bakery products.....	1.055	272.089	272.544	271.750	-0.1	-0.3	-0.4	0.3	0.1
Meats, poultry, fish, and eggs.....	1.756	246.642	247.985	247.613	0.4	-0.2	0.7	-0.2	-0.4
Dairy and related products.....	0.799	216.693	216.537	216.564	-0.1	0.0	0.3	-0.4	-0.6
Fruits and vegetables.....	1.330	293.423	295.009	297.047	1.2	0.7	0.5	-0.2	-0.2
Nonalcoholic beverages and beverage materials.....	0.938	166.573	166.822	167.429	0.5	0.4	-0.3	-0.4	0.4
Other food at home.....	1.968	209.426	209.905	210.159	0.4	0.1	0.0	-0.1	0.2
Food away from home ¹	5.797	264.102	269.522	270.353	2.4	0.3	0.2	0.3	0.3
Energy.....	7.372	195.852	205.894	215.711	10.1	4.8	-0.1	2.8	6.1
Energy commodities.....	3.598	197.603	212.978	234.982	18.9	10.3	0.0	6.1	12.6
Fuel oil ¹	0.097	212.019	226.590	245.085	15.6	8.2	-2.0	2.9	8.2
Motor fuel.....	3.415	194.660	209.881	232.076	19.2	10.6	0.0	6.3	13.0
Gasoline (all types).....	3.365	193.817	209.000	231.182	19.3	10.6	0.0	6.3	13.1
Energy services ²	3.774	202.941	208.454	207.339	2.2	-0.5	-0.2	-0.1	-0.2
Electricity ²	2.963	214.381	219.078	218.117	1.7	-0.4	0.4	0.0	0.0
Utility (pipel) gas service ²	0.811	165.881	173.646	172.111	3.8	-0.9	-2.3	-0.5	-0.8
All items less food and energy.....	78.985	248.731	252.460	252.941	1.7	0.2	0.1	0.2	0.1
Commodities less food and energy commodities.....	18.813	145.562	143.895	144.108	-1.0	0.1	-0.1	-0.1	-0.2
Apparel.....	3.020	128.429	124.147	128.150	-0.2	3.2	0.3	0.1	-0.1
New vehicles.....	3.578	146.499	145.712	145.037	-1.0	-0.5	-0.5	0.0	-0.4
Used cars and trucks.....	1.980	142.482	139.350	137.141	-3.7	-1.6	-0.5	-0.2	-0.2
Medical care commodities.....	1.868	374.142	381.114	377.869	1.0	-0.9	1.0	-0.1	-0.8
Alcoholic beverages.....	0.942	242.614	245.042	245.884	1.3	0.3	0.1	0.1	0.4
Tobacco and smoking products.....	0.684	970.921	1,029.619	1,031.891	6.3	0.2	-0.1	-0.1	0.4
Services less energy services.....	60.172	312.205	319.559	320.210	2.6	0.2	0.2	0.4	0.2
Shelter.....	33.832	290.445	299.157	299.844	3.2	0.2	0.1	0.5	0.3
Rent of primary residence ²	7.917	298.962	309.479	310.268	3.8	0.3	0.2	0.4	0.2
Owners' equivalent rent of residences ³	24.632	297.636	306.201	307.106	3.2	0.3	0.3	0.3	0.2
Medical care services.....	6.662	499.483	507.390	508.078	1.7	0.1	0.3	0.2	0.1
Physicians' services ²	1.658	382.134	378.990	379.169	-0.8	0.0	0.1	0.4	0.2
Hospital services ^{2, 4}	2.290	306.404	319.394	320.449	4.6	0.3	0.5	0.2	0.2
Transportation services.....	5.957	298.129	309.469	309.704	3.9	0.1	0.2	0.4	0.3
Motor vehicle maintenance and repair ¹	1.156	275.331	280.488	282.203	2.5	0.6	0.1	0.3	0.6
Motor vehicle insurance.....	2.565	492.119	530.908	532.455	8.2	0.3	0.3	1.0	0.5
Airline fares.....	0.600	267.457	259.359	259.143	-3.1	-0.1	0.7	-1.0	-0.1

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, September 2017
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
All items.....	100.000	2.2	0.5	0.1	0.4	0.5
Food.....	13.643	1.2	0.2	0.2	0.1	0.1
Food at home.....	7.846	0.4	0.1	0.2	-0.2	0.0
Cereals and bakery products.....	1.055	-0.1	-0.3	-0.4	0.3	0.1
Cereals and cereal products.....	0.351	-1.2	-0.5	0.1	0.4	0.3
Flour and prepared flour mixes.....	0.043	-2.1	-0.7	1.6	-0.2	0.0
Breakfast cereal ¹	0.179	-1.0	0.3	0.3	-0.7	0.3
Rice, pasta, cornmeal ¹	0.129	-1.2	-1.6	-0.1	1.0	-1.6
Rice ^{1, 2, 3}		-0.3	-1.9	-0.2	1.1	-1.9
Bakery products ¹	0.704	0.4	-0.2	-0.4	0.4	-0.2
Bread ^{1, 2}	0.210	0.2	-0.7	-1.4	0.9	-0.7
White bread ^{1, 3}		0.7	-0.6	-1.0	0.5	-0.6
Bread other than white ^{1, 3}		-0.1	-0.8	-1.9	1.3	-0.8
Fresh biscuits, rolls, muffins ²	0.102	-0.7	0.8	-0.8	-0.6	0.5
Cakes, cupcakes, and cookies.....	0.171	0.0	-0.4	-0.3	0.3	-0.6
Cookies ³		-0.5	-1.0	-1.0	1.4	-1.2
Fresh cakes and cupcakes ^{1, 3}		0.6	0.6	0.5	-1.0	0.6
Other bakery products.....	0.221	1.5	0.0	0.5	-0.4	1.0
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}		0.1	0.5	-0.3	1.2	0.5
Crackers, bread, and cracker products ³		1.6	-0.2	-0.4	-1.1	1.3
Frozen and refrigerated bakery products, pies, tarts, turnovers ³		1.8	-0.4	1.0	-0.4	0.2
Meats, poultry, fish, and eggs.....	1.756	0.4	-0.2	0.7	-0.2	-0.4
Meats, poultry, and fish.....	1.661	0.6	-0.3	0.8	-0.2	-0.4
Meats.....	1.058	0.8	-0.4	1.3	-0.4	-0.4
Beef and veal.....	0.475	0.4	-1.1	1.2	-0.4	-0.7
Uncooked ground beef ¹	0.195	2.4	-0.1	1.8	-0.1	-0.1
Uncooked beef roasts ^{1, 2}	0.064	2.5	-0.4	-0.6	-2.1	-0.4
Uncooked beef steaks ²	0.168	-3.1	-2.1	1.6	-1.5	-2.2
Uncooked other beef and veal ^{1, 2}	0.049	2.0	-2.4	0.8	0.5	-2.4
Pork.....	0.334	2.3	0.4	0.6	0.3	0.4
Bacon, breakfast sausage, and related products ²	0.146	7.5	1.5	1.0	1.8	0.8
Bacon and related products ³		13.4	1.7	1.3	3.8	0.0
Breakfast sausage and related products ^{2, 3}		0.2	1.1	1.2	-0.4	1.7
Ham.....	0.061	-0.7	-1.1	3.1	-2.2	-2.2
Ham, excluding canned ³		-0.7	-1.0	3.3	-2.7	-2.3
Pork chops ¹	0.053	-1.2	-0.5	-0.3	2.0	-0.5
Other pork including roasts and picnics ²	0.075	-2.0	0.2	-0.4	-1.2	0.8
Other meats.....	0.249	-0.4	-0.1	2.4	-1.2	-0.7
Frankfurters ³		5.4	2.9	6.3	0.6	0.2
Lunchmeats ^{2, 3}		-2.1	-1.2	2.0	-1.7	-1.3
Lamb and organ meats ^{1, 3}				0.5	-1.0	
Lamb and mutton ^{1, 2, 3}						
Poultry ¹	0.341	0.2	-0.2	0.1	0.2	-0.2
Chicken ^{1, 2}	0.278	1.0	-0.3	0.3	0.3	-0.3
Fresh whole chicken ^{1, 3}		-2.6	-0.1	-0.2	-0.5	-0.1
Fresh and frozen chicken parts ^{1, 3}		2.2	-0.3	0.4	0.6	-0.3
Other poultry including turkey ²	0.063	-3.2	0.2	-1.0	0.2	-0.3
Fish and seafood.....	0.263	0.0	-0.2	-0.2	0.0	-0.8
Fresh fish and seafood ²	0.143	-1.3	-0.8	-0.4	0.2	-2.0
Processed fish and seafood ²	0.120	1.6	0.6	-0.3	-0.1	0.8
Shelf stable fish and seafood ^{1, 3}		1.1	0.8	0.1	-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, September 2017 — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
Frozen fish and seafood ³		1.5	0.3	0.4	-0.3	0.8
Eggs.....	0.095	-2.2	2.8	-2.1	0.1	0.1
Dairy and related products.....	0.799	-0.1	0.0	0.3	-0.4	-0.6
Milk ^{1, 2}	0.223	-2.6	-0.2	0.1	-0.3	-0.2
Fresh whole milk ³		-2.7	0.5	0.3	-1.5	-0.9
Fresh milk other than whole ^{2, 3}		-2.4	-0.4	-0.7	-0.3	-1.6
Cheese and related products.....	0.260	1.0	-0.4	0.1	0.4	-0.7
Ice cream and related products.....	0.113	0.5	0.8	1.5	-0.3	-1.1
Other dairy and related products ^{1, 2}	0.203	1.2	0.3	1.3	-0.7	0.3
Fruits and vegetables.....	1.330	1.2	0.7	0.5	-0.2	-0.2
Fresh fruits and vegetables.....	1.041	1.9	1.0	0.8	-0.4	-0.1
Fresh fruits.....	0.561	1.7	2.0	1.2	-1.0	0.5
Apples.....	0.091	4.2	-1.5	1.8	1.9	2.9
Bananas ¹	0.084	-6.1	-3.4	-1.2	-0.3	-3.4
Citrus fruits ²	0.167	2.2	1.4	0.0	-2.3	0.5
Oranges, including tangerines ³		3.8	1.1	-0.5	-5.2	1.7
Other fresh fruits ²	0.219	3.2	6.1	2.6	-1.9	1.5
Fresh vegetables.....	0.480	2.2	-0.1	0.2	0.3	-0.8
Potatoes.....	0.082	1.0	-1.6	0.4	-0.8	0.1
Lettuce.....	0.062	2.6	-0.5	-3.7	2.4	-1.7
Tomatoes ¹	0.080	0.4	1.0	0.3	-0.3	1.0
Other fresh vegetables.....	0.255	3.1	0.1	0.8	0.6	-0.5
Processed fruits and vegetables ²	0.289	-1.1	-0.6	-0.7	0.4	-0.3
Canned fruits and vegetables ²	0.150	-1.9	-0.7	-0.6	0.7	0.0
Canned fruits ^{2, 3}		-0.8	-0.3	-1.3	0.6	0.6
Canned vegetables ^{2, 3}		-2.1	-1.0	-0.2	0.6	0.0
Frozen fruits and vegetables ²	0.086	0.6	-1.4	-0.9	0.3	-1.5
Frozen vegetables ³		0.4	-1.4	-1.2	0.0	-1.4
Other processed fruits and vegetables including dried ²	0.052	-1.7	1.2	0.2	-0.8	1.0
Dried beans, peas, and lentils ^{1, 2, 3}		-3.1	-0.2	0.4	-0.1	-0.2
Nonalcoholic beverages and beverage materials.....	0.938	0.5	0.4	-0.3	-0.4	0.4
Juices and nonalcoholic drinks ²	0.662	0.9	0.3	-0.2	0.2	0.2
Carbonated drinks.....	0.265	1.2	0.7	-1.1	0.5	0.5
Frozen noncarbonated juices and drinks ^{1, 2}	0.011	1.6	-3.8	3.9	0.0	-3.8
Nonfrozen noncarbonated juices and drinks ²	0.385	0.6	0.2	0.3	-0.1	0.0
Beverage materials including coffee and tea ²	0.276	-0.3	0.4	-0.3	-1.8	0.9
Coffee.....	0.173	0.3	0.9	-0.8	-1.5	1.4
Roasted coffee ³		-0.3	0.7	-0.8	-2.4	1.3
Instant coffee ^{1, 3}		-1.0	-1.7	-0.9	0.2	-1.7
Other beverage materials including tea ^{1, 2}	0.103	-1.4	-0.3	1.2	-1.4	-0.3
Other food at home.....	1.968	0.4	0.1	0.0	-0.1	0.2
Sugar and sweets ¹	0.287	-0.2	-0.2	0.4	-0.2	-0.2
Sugar and artificial sweeteners.....	0.050	1.1	0.5	0.1	-0.7	0.8
Candy and chewing gum ^{1, 2}	0.182	-1.4	-0.4	0.6	0.0	-0.4
Other sweets ²	0.055	3.1	-0.1	0.2	-0.3	-0.4
Fats and oils.....	0.234	1.3	0.4	0.8	-1.0	0.0
Butter and margarine ²	0.070	2.4	-0.4	1.5	0.0	-1.3
Butter ³		3.9	-0.2	1.8	0.7	-2.0
Margarine ³		2.4	0.1	0.4	-1.0	0.5
Salad dressing ²	0.056	-0.6	0.5	2.1	-2.1	-0.6
Other fats and oils including peanut butter ²	0.108	1.5	0.9	0.1	-1.4	1.1
Peanut butter ^{1, 2, 3}		0.8	3.7	0.2	-3.1	3.7
Other foods.....	1.448	0.3	0.1	-0.2	0.1	0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
Soups.....	0.094	3.5	0.2	0.6	-0.1	3.5
Frozen and freeze dried prepared foods ¹	0.253	-1.2	-0.2	0.8	-1.4	-0.2
Snacks ¹	0.329	-0.1	-0.6	-0.7	1.4	-0.6
Spices, seasonings, condiments, sauces.....	0.284	0.8	0.5	-0.2	0.2	0.3
Salt and other seasonings and spices ^{2, 3}		0.5	0.4	-0.2	-0.4	0.4
Olives, pickles, relishes ^{1, 2, 3}		-1.8	1.7	3.2	-0.5	1.7
Sauces and gravies ^{2, 3}		0.7	0.3	-0.1	1.4	0.0
Other condiments ³		1.5	-0.8	0.8	-1.5	0.9
Baby food ^{1, 2}	0.055	1.8	0.0	-0.2	0.0	0.0
Other miscellaneous foods ^{1, 2}	0.433	0.3	0.7	-0.1	-1.1	0.7
Prepared salads ^{1, 3, 4}		2.5	0.1	1.5	-0.6	0.1
Food away from home ¹	5.797	2.4	0.3	0.2	0.3	0.3
Full service meals and snacks ^{1, 2}	2.809	2.2	0.2	0.1	0.2	0.2
Limited service meals and snacks ^{1, 2}	2.466	2.6	0.4	0.3	0.2	0.4
Food at employee sites and schools ²	0.196	2.4	1.9	-0.5	3.9	0.6
Food at elementary and secondary schools ^{1, 3, 5}		1.6	2.1			2.1
Food from vending machines and mobile vendors ^{1, 2} ...	0.082	2.1	0.3	0.5	0.1	0.3
Other food away from home ^{1, 2}	0.245	1.6	0.3	0.0	0.6	0.3
Energy.....	7.372	10.1	4.8	-0.1	2.8	6.1
Energy commodities.....	3.598	18.9	10.3	0.0	6.1	12.6
Fuel oil and other fuels.....	0.183	13.3	5.8	-1.2	3.9	5.2
Fuel oil ¹	0.097	15.6	8.2	-2.0	2.9	8.2
Propane, kerosene, and firewood ⁶	0.086	10.6	3.1	0.5	1.1	1.8
Motor fuel.....	3.415	19.2	10.6	0.0	6.3	13.0
Gasoline (all types).....	3.365	19.3	10.6	0.0	6.3	13.1
Gasoline, unleaded regular ³		19.8	11.0	0.1	6.5	13.6
Gasoline, unleaded midgrade ^{3, 7}		16.4	7.9	0.5	5.6	10.2
Gasoline, unleaded premium ³		16.6	8.4	-1.6	5.9	11.5
Other motor fuels ²	0.050	15.4	8.0	-1.8	4.7	7.8
Energy services ⁸	3.774	2.2	-0.5	-0.2	-0.1	-0.2
Electricity ⁸	2.963	1.7	-0.4	0.4	0.0	0.0
Utility (piped) gas service ⁸	0.811	3.8	-0.9	-2.3	-0.5	-0.8
All items less food and energy.....	78.985	1.7	0.2	0.1	0.2	0.1
Commodities less food and energy commodities.....	18.813	-1.0	0.1	-0.1	-0.1	-0.2
Household furnishings and supplies ⁹	3.091	-1.9	-0.2	-0.5	0.0	-0.4
Window and floor coverings and other linens ^{1, 2}	0.244	-3.3	1.8	0.4	-0.5	1.8
Floor coverings ^{1, 2}	0.057	-3.1	-0.4	-0.9	0.1	-0.4
Window coverings ^{1, 2}	0.050	-1.9	1.2	-0.6	-1.0	1.2
Other linens ^{1, 2}	0.137	-3.8	2.9	1.3	-0.6	2.9
Furniture and bedding.....	0.744	0.4	-0.2	-0.1	1.1	-0.3
Bedroom furniture ¹	0.266	1.4	0.4	-0.2	2.6	0.4
Living room, kitchen, and dining room furniture ^{1, 2} ...	0.351	-0.2	-0.6	-0.3	-1.0	-0.6
Other furniture ²	0.122	-0.2	0.0	-1.9	-0.1	0.5
Infants' furniture ^{1, 3, 5}			0.0	-0.8	0.3	0.0
Appliances ²	0.177	-1.5	0.0	-0.2	1.1	-0.5
Major appliances ²	0.053	-4.3	0.2	0.8	0.8	-1.0
Laundry equipment ³		-4.3	0.8	-2.2	1.8	-1.5
Other appliances ^{1, 2}	0.122	-0.2	-0.1	-0.7	0.7	-0.1
Other household equipment and furnishings ²	0.425	-7.4	-1.2	-2.6	-1.1	-1.6
Clocks, lamps, and decorator items ¹	0.207	-13.1	-1.0	-5.1	-3.1	-1.0
Indoor plants and flowers ¹⁰	0.100	0.5	-0.8	1.1	-0.7	-1.9
Dishes and flatware ^{1, 2}	0.051	-2.5	-3.2	2.1	0.4	-3.2
Nonelectric cookware and tableware ²	0.068	-2.9	-0.7	0.0	0.3	-0.9

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
Tools, hardware, outdoor equipment and supplies ² ...	0.658	-1.3	-0.5	-0.3	-0.4	-0.5
Tools, hardware and supplies ^{1, 2}	0.176	-0.3	-0.1	-0.3	-0.2	-0.1
Outdoor equipment and supplies ²	0.327	-1.8	-0.8	-0.4	-0.7	-0.5
Housekeeping supplies ¹	0.843	-1.0	-0.2	-0.3	-0.3	-0.2
Household cleaning products ²	0.330	-1.8	-0.2	-0.5	-0.1	-0.3
Household paper products ^{1, 2}	0.230	-0.5	0.2	-0.4	-0.1	0.2
Miscellaneous household products ^{1, 2}	0.283	-0.5	-0.5	0.4	-0.3	-0.5
Apparel.....	3.020	-0.2	3.2	0.3	0.1	-0.1
Men's and boys' apparel.....	0.750	-1.6	2.2	0.2	1.6	-0.3
Men's apparel.....	0.596	-2.2	2.1	-0.7	-0.5	0.6
Men's suits, sport coats, and outerwear.....	0.094	-4.1	5.8	-2.2	-0.3	3.2
Men's furnishings.....	0.190	-1.8	2.6	-0.1	-1.6	2.6
Men's shirts and sweaters ²	0.167	-3.0	2.2	-2.1	0.5	-1.5
Men's pants and shorts.....	0.139	-0.2	-1.1	0.9	-1.0	0.0
Boys' apparel.....	0.154	0.7	2.4	3.1	9.6	-1.4
Women's and girls' apparel.....	1.222	-0.3	4.6	1.2	-0.5	-1.0
Women's apparel.....	1.022	-0.4	4.2	1.3	-0.9	-0.9
Women's outerwear.....	0.070	2.5	5.0	2.6	-3.8	-5.1
Women's dresses.....	0.146	0.6	7.7	3.3	-4.9	-2.6
Women's suits and separates ²	0.456	-1.4	5.4	0.1	-0.5	-0.4
Women's underwear, nightwear, sportswear and accessories ²	0.340	-0.2	1.0	1.3	1.6	-0.5
Girls' apparel.....	0.200	0.5	6.7	0.8	1.2	-1.2
Footwear.....	0.674	-0.8	1.6	-1.1	-0.5	-0.3
Men's footwear ¹	0.211	-0.3	0.1	-1.1	1.0	0.1
Boys' and girls' footwear.....	0.165	1.5	4.0	-0.7	-1.1	3.0
Women's footwear.....	0.299	-2.5	1.4	-1.1	-2.0	-1.5
Infants' and toddlers' apparel.....	0.145	4.7	8.4	-0.5	-0.3	7.0
Jewelry and watches ⁶	0.230	3.5	0.7	-0.2	0.5	1.0
Watches ^{1, 6}	0.086	6.1	-0.3	3.0	1.7	-0.3
Jewelry ⁶	0.144	2.0	1.3	-2.1	0.4	1.2
Transportation commodities less motor fuel ⁹	6.029	-1.8	-0.8	-0.4	-0.1	-0.3
New vehicles.....	3.578	-1.0	-0.5	-0.5	0.0	-0.4
New cars and trucks ^{2, 3}		-1.0	-0.5	-0.5	0.0	-0.4
New cars ³		-1.7	-0.6	-0.7	-0.2	-0.5
New trucks ^{3, 11}		-0.4	-0.4	-0.3	0.1	-0.3
Used cars and trucks.....	1.980	-3.7	-1.6	-0.5	-0.2	-0.2
Motor vehicle parts and equipment ¹	0.379	0.3	-0.1	0.1	-0.2	-0.1
Tires ¹	0.225	-0.5	-0.2	-0.4	0.0	-0.2
Vehicle accessories other than tires ^{1, 2}	0.154	1.6	-0.1	0.9	-0.4	-0.1
Vehicle parts and equipment other than tires ^{1, 3} ...		1.7	0.4	0.4	-0.5	0.4
Motor oil, coolant, and fluids ^{1, 3}		1.9	-0.9	2.5	-0.6	-0.9
Medical care commodities.....	1.868	1.0	-0.9	1.0	-0.1	-0.8
Medicinal drugs ^{1, 9}	1.810	1.0	-0.9	1.1	0.2	-0.9
Prescription drugs ⁸	1.451	1.4	-0.8	1.3	0.2	-0.6
Nonprescription drugs ^{1, 9}	0.358	-0.6	-1.4	0.5	-0.5	-1.4
Medical equipment and supplies ^{1, 9}	0.059	0.7	0.4	-0.6	0.2	0.4
Recreation commodities ⁹	1.726	-3.0	0.0	-0.4	-0.4	0.0
Video and audio products ⁹	0.207	-5.5	-0.8	-0.4	-1.5	-0.8
Televisions.....	0.098	-8.4	-1.7	-0.5	-2.0	-1.5
Other video equipment ²	0.024	-5.0	-0.5	0.4	-2.7	-1.3
Audio equipment ¹	0.053	-6.1	1.3	-1.4	-0.7	1.3
Recorded music and music subscriptions ^{1, 2}	0.024	6.4	-2.1	0.8	-0.7	-2.1
Pets and pet products ¹	0.574	-1.2	-0.4	0.2	0.0	-0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
Pet food ^{1, 2, 3}		-1.5	-0.7	-0.1	0.7	-0.7
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		-1.0	-0.1	0.6	-0.8	-0.1
Sporting goods.....	0.417	-1.7	0.5	-0.2	-0.6	0.3
Sports vehicles including bicycles ¹	0.218	-2.0	0.5	0.0	-1.6	0.5
Sports equipment.....	0.190	-1.3	0.4	0.5	0.2	0.1
Photographic equipment and supplies.....	0.039	2.5	0.9	-0.2	0.2	1.0
Film and photographic supplies ^{1, 2, 3}						
Photographic equipment ^{2, 3}		3.2	0.9	-0.1	0.1	0.9
Recreational reading materials ¹	0.147	-0.2	1.0	0.0	-0.5	1.0
Newspapers and magazines ^{1, 2}	0.087	2.3	1.1	-0.9	-1.0	1.1
Recreational books ^{1, 2}	0.060	-3.8	0.8	1.4	0.3	0.8
Other recreational goods ²	0.342	-7.5	-0.1	-1.7	-0.3	0.3
Toys.....	0.271	-9.3	-0.2	-2.3	-0.4	0.3
Toys, games, hobbies and playground equipment ^{1, 3}		-8.2	0.2	-2.2	-0.8	1.2
Sewing machines, fabric and supplies ^{1, 2}	0.024	4.4	-0.6	1.7	1.3	-0.6
Music instruments and accessories ^{1, 2}	0.033	0.2	0.7	1.7	-0.5	0.7
Education and communication commodities ⁹	0.595	-3.4	-1.0	0.9	-0.8	-1.2
Educational books and supplies.....	0.161	-1.6	-1.1	1.3	-1.3	-1.5
College textbooks ^{1, 3, 12}		-0.9	-1.9	1.3	-0.1	-1.9
Information technology commodities ⁹	0.435	-4.0	-1.0	0.7	-0.6	-1.1
Personal computers and peripheral equipment ⁴	0.263	-3.6	-0.6	1.1	-0.4	-0.9
Computer software and accessories ^{1, 2}	0.085	-3.9	-1.9	1.6	-1.1	-1.9
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.086	-5.3	-1.2	-1.3	-0.7	-1.2
Alcoholic beverages.....	0.942	1.3	0.3	0.1	0.1	0.4
Alcoholic beverages at home.....	0.576	1.0	0.6	0.2	0.1	0.6
Beer, ale, and other malt beverages at home.....	0.266	2.5	0.8	0.1	0.3	0.8
Distilled spirits at home.....	0.072	0.0	0.1	-0.5	0.2	0.2
Whiskey at home ^{1, 3}		-1.2	-0.2	-0.2	-0.3	-0.2
Distilled spirits, excluding whiskey, at home ³		0.6	0.0	-0.2	0.3	-0.3
Wine at home.....	0.238	-0.3	0.5	0.4	-0.5	0.7
Alcoholic beverages away from home ¹	0.366	1.9	-0.1	-0.2	0.2	-0.1
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		2.4	-0.1	-0.4	0.2	-0.1
Wine away from home ^{1, 2, 3}		0.8	0.0	-0.3	0.1	0.0
Distilled spirits away from home ^{1, 2, 3}		1.8	0.0	0.1	0.3	0.0
Other goods ⁹	1.542	2.0	0.4	0.0	-0.4	0.5
Tobacco and smoking products.....	0.684	6.3	0.2	-0.1	-0.1	0.4
Cigarettes ²	0.620	6.3	0.2	-0.2	-0.2	0.4
Tobacco products other than cigarettes ^{1, 2}	0.046	4.9	0.4	0.6	0.9	0.4
Personal care products ¹	0.681	-1.0	0.5	0.0	-0.6	0.5
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.361	-0.7	1.1	-0.2	-1.1	1.1
Cosmetics, perfume, bath, nail preparations and implements ¹	0.314	-1.3	-0.2	0.2	0.1	-0.2
Miscellaneous personal goods ²	0.177	-1.4	0.6	0.7	-0.6	0.6
Stationery, stationery supplies, gift wrap ³		0.4	2.2	0.0	-1.1	1.7
Infants' equipment ^{1, 3, 5}		-3.9	-0.2	-0.4	0.2	-0.2
Services less energy services.....	60.172	2.6	0.2	0.2	0.4	0.2
Shelter.....	33.832	3.2	0.2	0.1	0.5	0.3
Rent of shelter ¹³	33.491	3.3	0.2	0.1	0.5	0.3
Rent of primary residence ⁸	7.917	3.8	0.3	0.2	0.4	0.2
Lodging away from home ²	0.942	0.9	-1.6	-4.2	4.4	1.5

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
Housing at school, excluding board ^{8, 13}	0.120	2.3	0.7	0.1	-0.2	0.1
Other lodging away from home including hotels and motels.....	0.822	0.6	-2.0	-4.9	5.1	1.7
Owners' equivalent rent of residences ^{8, 13}	24.632	3.2	0.3	0.3	0.3	0.2
Owners' equivalent rent of primary residence ^{8, 13}	23.505	3.2	0.3	0.3	0.3	0.2
Tenants' and household insurance ^{1, 2}	0.341	1.2	0.0	0.1	0.0	0.0
Water and sewer and trash collection services ²	1.178	3.2	0.2	0.0	0.0	0.3
Water and sewerage maintenance ⁸	0.894	3.5	0.2	0.0	0.0	0.4
Garbage and trash collection ^{1, 11}	0.284	2.1	0.1	0.1	0.1	0.1
Household operations ^{1, 2}	0.855	2.7	0.0	0.7	0.3	0.0
Domestic services ^{1, 2}	0.284	2.8				
Gardening and lawn care services ^{1, 2}	0.280	2.8	0.0	-0.2	0.1	0.0
Moving, storage, freight expense ²	0.116	-0.7	-0.2	1.9	1.3	1.0
Repair of household items ^{1, 2}	0.091	6.9	0.2	0.2	-0.3	0.2
Medical care services.....	6.662	1.7	0.1	0.3	0.2	0.1
Professional services.....	3.101	0.2	0.1	0.1	0.4	0.2
Physicians' services ⁸	1.658	-0.8	0.0	0.1	0.4	0.2
Dental services ⁸	0.813	1.5	0.1	0.2	0.2	0.3
Eyeglasses and eye care ^{1, 6}	0.317	0.3	-0.1	-0.4	1.4	-0.1
Services by other medical professionals ^{1, 8, 6}	0.313	2.3	0.5	0.0	0.0	0.5
Hospital and related services.....	2.559	4.3	0.3	0.5	0.1	0.2
Hospital services ^{8, 14}	2.290	4.6	0.3	0.5	0.2	0.2
Inpatient hospital services ^{8, 14, 3}		3.9	0.0	0.5	0.2	0.1
Outpatient hospital services ^{8, 3, 6}		4.5	0.3	0.4	0.2	0.0
Nursing homes and adult day services ^{8, 14}	0.195	2.7	0.1	0.2	-0.3	0.3
Care of invalids and elderly at home ^{1, 5}	0.074	-1.2	0.0	0.1	-0.1	0.0
Health insurance ^{1, 5}	1.001	0.1	-0.2	0.2	0.0	-0.2
Transportation services.....	5.957	3.9	0.1	0.2	0.4	0.3
Leased cars and trucks ¹²	0.541	1.1	0.0	-0.3	0.1	-0.4
Car and truck rental ²	0.114	-1.2	-9.9	0.5	-2.1	-2.8
Motor vehicle maintenance and repair ¹	1.156	2.5	0.6	0.1	0.3	0.6
Motor vehicle body work ¹	0.057	3.1	0.5	0.1	0.2	0.5
Motor vehicle maintenance and servicing ¹	0.672	2.9	0.5	0.2	0.4	0.5
Motor vehicle repair ^{1, 2}	0.385	1.8	0.8	0.0	0.1	0.8
Motor vehicle insurance.....	2.565	8.2	0.3	0.3	1.0	0.5
Motor vehicle fees ^{1, 2}	0.526	1.3	-0.5	0.5	0.2	-0.5
State motor vehicle registration and license fees ^{1, 8, 2}	0.281	1.3	0.0	0.3	0.0	0.0
Parking and other fees ^{1, 2}	0.234	1.3	-1.0	0.6	0.4	-1.0
Parking fees and tolls ^{1, 2, 3}		2.8	-0.2	1.0	0.2	-0.2
Automobile service clubs ^{1, 2, 3}						
Public transportation.....	1.056	-1.1	0.4	0.3	-0.3	0.4
Airline fares.....	0.600	-3.1	-0.1	0.7	-1.0	-0.1
Other intercity transportation.....	0.175	0.5	-0.1	1.0	-0.3	1.0
Intercity bus fare ^{1, 3, 4}			-1.3	4.6	-3.3	-1.3
Intercity train fare ^{1, 3, 4}		1.1	-1.2	1.4	-0.6	-1.2
Ship fare ^{1, 2, 3}		-1.3	0.6	1.2	-0.1	0.6
Intracity transportation ¹	0.277	2.5	1.6	-1.1	0.2	1.6
Intracity mass transit ^{1, 3, 9}		2.5	1.8	-1.3	0.5	1.8
Recreation services ⁹	3.954	3.8	0.0	0.6	0.5	0.2
Video and audio services ⁹	1.683	6.1	0.2	0.5	0.9	0.5
Cable and satellite television service ¹¹	1.584	6.8	0.2	0.6	0.8	0.5

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
Video discs and other media, including rental of video ^{1, 2}	0.099	-3.4	0.3	-1.7	1.9	0.3
Video discs and other media ^{1, 2, 3}		-4.7	1.2	-3.0	2.5	1.2
Rental of video discs and other media ^{1, 2, 3}		1.1	0.0	0.0	0.9	0.0
Pet services including veterinary ²	0.370	2.1	0.3	0.6	0.4	0.3
Pet services ^{1, 2, 3}		1.5	0.2	0.1	0.7	0.2
Veterinarian services ^{2, 3}		2.2	0.2	0.7	0.5	0.1
Photographers and film processing ^{1, 2}	0.048	-1.0	0.5	0.6	-0.1	0.5
Photographer fees ^{1, 2, 3}		-1.0	-0.7	0.6	0.1	-0.7
Film processing ^{1, 2, 3}		-1.5	2.1	0.3	0.1	2.1
Other recreation services ²	1.852	2.2	-0.3	0.8	0.3	0.0
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{1, 2}	0.649	2.4	0.0	0.7	0.5	0.0
Admissions.....	0.651	1.6	-0.9	1.4	0.3	-0.1
Admission to movies, theaters, and concerts ^{1, 2, 3}		2.7	-0.5	0.3	1.0	-0.5
Admission to sporting events ^{1, 2, 3}		-2.0	-0.1	1.7	-0.9	-0.1
Fees for lessons or instructions ^{1, 6}	0.224	3.3	0.4	0.0	-0.4	0.4
Education and communication services ⁹	6.106	-2.0	0.5	-0.1	0.0	0.2
Tuition, other school fees, and childcare.....	3.025	2.3	0.9	0.0	0.0	0.3
College tuition and fees.....	1.789	2.1	1.0	0.1	-0.3	0.6
Elementary and high school tuition and fees.....	0.317	3.9	0.9	0.1	0.3	0.2
Child care and nursery school ¹⁰	0.744	2.2	0.5	-0.1	0.2	-0.1
Technical and business school tuition and fees ²	0.042	3.4	0.2	0.2	0.9	0.1
Postage and delivery services ²	0.138	3.2	0.0	0.0	0.1	0.1
Postage.....	0.131	3.1	0.0	0.1	0.1	0.1
Delivery services ²	0.007	5.2	-0.1	-0.7	0.8	0.5
Telephone services ^{1, 2}	2.242	-7.7	0.2	-0.1	0.0	0.2
Wireless telephone services ^{1, 2}	1.518	-11.7	0.4	-0.3	-0.1	0.4
Land-line telephone services ^{1, 9}	0.724	1.9	-0.2	0.3	0.1	-0.2
Internet services and electronic information providers ²	0.691	-1.7	-0.1	-1.1	0.1	0.0
Other personal services ^{1, 9}	1.628	2.0	0.0	0.3	0.1	0.0
Personal care services ¹	0.608	1.9	-0.1	0.4	0.5	-0.1
Haircuts and other personal care services ^{1, 2}	0.608	1.9	-0.1	0.4	0.5	-0.1
Miscellaneous personal services ¹	1.020	2.1	0.0	0.3	-0.1	0.0
Legal services ^{1, 6}	0.245	1.4	-0.2	-0.2	-0.6	-0.2
Funeral expenses ^{1, 6}	0.144	1.9	0.0	0.2	0.4	0.0
Laundry and dry cleaning services ^{1, 2}	0.268	2.5	0.1	0.4	-0.1	0.1
Apparel services other than laundry and dry cleaning ^{1, 2}	0.026	0.8	-0.1	0.0	-0.7	-0.1
Financial services ⁶	0.237	2.6	0.1	1.0	0.5	0.4
Checking account and other bank services ^{1, 2, 3}		0.3	0.0	0.0	0.0	0.0
Tax return preparation and other accounting fees ^{2, 3}		4.6	0.2	1.3	0.8	0.1

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, September 2017

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Aug. 2017	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016	Aug. 2017	Sep. 2017	Sep. 2016- Sep. 2017	Aug. 2017- Sep. 2017	Jun. 2017- Jul. 2017	Jul. 2017- Aug. 2017	Aug. 2017- Sep. 2017
All items less food.....	86.357	240.415	244.740	246.163	2.4	0.6	0.1	0.5	0.6
All items less shelter.....	66.168	224.934	227.274	228.825	1.7	0.7	0.1	0.4	0.7
All items less food and shelter.....	52.525	218.913	221.191	222.978	1.9	0.8	0.1	0.5	0.8
All items less food, shelter, and energy.....	45.153	225.549	226.459	226.824	0.6	0.2	0.1	0.1	0.0
All items less food, shelter, energy, and used cars and trucks.....	43.173	230.561	231.773	232.332	0.8	0.2	0.1	0.1	0.0
All items less medical care.....	91.470	230.502	234.419	235.793	2.3	0.6	0.1	0.4	0.6
All items less energy.....	92.628	247.919	251.467	251.950	1.6	0.2	0.1	0.2	0.1
Commodities.....	36.054	179.850	180.763	182.903	1.7	1.2	0.0	0.5	1.1
Commodities less food, energy, and used cars and trucks.....	16.833	146.569	145.074	145.584	-0.7	0.4	0.0	-0.1	-0.2
Commodities less food.....	22.411	149.432	149.711	152.380	2.0	1.8	-0.1	0.8	1.8
Commodities less food and beverages.....	21.469	146.212	146.433	149.136	2.0	1.8	-0.1	0.8	1.8
Services.....	63.946	302.153	309.334	309.830	2.5	0.2	0.2	0.3	0.2
Services less rent of shelter ¹	30.455	324.989	330.451	330.718	1.8	0.1	0.2	0.2	0.2
Services less medical care services.....	57.285	287.212	294.305	294.785	2.6	0.2	0.2	0.4	0.2
Durables.....	9.060	106.410	104.900	104.175	-2.1	-0.7	-0.4	-0.2	-0.4
Nondurables.....	26.994	216.577	219.112	223.085	3.0	1.8	0.4	0.7	1.7
Nondurables less food.....	13.351	190.055	192.537	199.202	4.8	3.5	0.6	1.5	3.3
Nondurables less food and beverages.....	12.409	186.790	189.272	196.273	5.1	3.7	0.6	1.6	3.5
Nondurables less food, beverages, and apparel.....	9.388	227.400	234.055	243.070	6.9	3.9	0.4	2.4	5.1
Nondurables less food and apparel.....	10.330	227.650	233.906	242.167	6.4	3.5	0.3	2.3	4.7
Housing.....	42.913	246.127	252.615	252.984	2.8	0.1	0.1	0.4	0.2
Education and communication ²	6.701	139.176	135.702	136.189	-2.1	0.4	-0.1	-0.1	0.1
Education ²	3.185	250.469	253.805	255.783	2.1	0.8	0.1	-0.1	0.3
Communication ²	3.516	78.503	74.011	73.994	-5.7	0.0	-0.2	-0.1	0.0
Information and information processing ²	3.378	74.683	70.161	70.145	-6.1	0.0	-0.2	-0.1	0.0
Information technology, hardware and services ³	1.136	7.744	7.574	7.542	-2.6	-0.4	-0.4	-0.2	-0.4
Recreation ²	5.679	116.945	118.875	118.870	1.6	0.0	0.3	0.2	0.2
Video and audio ²	1.890	100.231	104.861	104.994	4.8	0.1	0.4	0.6	0.4
Pets, pet products and services ²	0.944	170.392	170.757	170.500	0.1	-0.2	0.4	0.1	-0.1
Photography ²	0.087	76.437	76.312	76.839	0.5	0.7	0.2	0.1	0.7
Food and beverages.....	14.585	247.645	250.212	250.735	1.2	0.2	0.2	0.1	0.1
Domestically produced farm food.....	6.561	246.171	247.082	247.431	0.5	0.1	0.3	-0.3	-0.1
Other services.....	11.688	347.017	347.624	348.502	0.4	0.3	0.2	0.2	0.2
Apparel less footwear.....	2.346	121.325	116.968	121.273	0.0	3.7	0.7	0.2	-0.1
Fuels and utilities.....	5.135	235.057	241.936	241.574	2.8	-0.1	-0.2	0.1	0.1
Household energy.....	3.957	197.425	203.169	202.677	2.7	-0.2	-0.2	0.1	0.1
Medical care.....	8.530	469.154	476.869	476.485	1.6	-0.1	0.4	0.1	-0.1
Transportation.....	15.401	195.402	200.652	204.775	4.8	2.1	-0.1	1.4	2.8
Private transportation.....	14.345	190.487	196.210	200.487	5.2	2.2	-0.1	1.5	3.0
New and used motor vehicles ²	6.304	99.537	98.772	97.831	-1.7	-1.0	-0.4	-0.1	-0.4
Utilities and public transportation.....	9.834	216.773	217.301	217.150	0.2	-0.1	0.0	0.0	0.3
Household furnishings and operations.....	3.946	121.126	120.236	120.014	-0.9	-0.2	-0.2	0.1	-0.3
Other goods and services.....	3.170	425.494	433.328	434.057	2.0	0.2	0.1	-0.1	0.2
Personal care.....	2.486	225.434	227.105	227.454	0.9	0.2	0.2	-0.1	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, September 2017

[1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Sep. 2017 from:			Percent change to Aug. 2017 from:		
		Sep. 2016	Jul. 2017	Aug. 2017	Aug. 2016	Jun. 2017	Jul. 2017
U.S. city average.....	M	2.2	0.8	0.5	1.9	0.2	0.3
Region and area size²							
Northeast urban.....	M	1.9	0.8	0.5	1.6	0.1	0.3
Size A - More than 1,500,000.....	M	2.1	0.8	0.6	1.7	0.1	0.2
Size B/C - 50,000 to 1,500,000 ³	M	1.3	0.8	0.4	1.1	0.0	0.4
Midwest urban.....	M	1.5	0.5	0.3	1.5	0.3	0.3
Size A - More than 1,500,000.....	M	1.7	0.5	0.3	1.7	0.2	0.2
Size B/C - 50,000 to 1,500,000 ³	M	1.3	0.6	0.3	1.2	0.3	0.4
Size D - Nonmetropolitan (less than 50,000) ⁴	M	0.7	0.0	-0.3	1.3	0.5	0.3
South urban.....	M	2.4	1.1	0.7	1.9	0.2	0.4
Size A - More than 1,500,000.....	M	2.7	1.3	0.9	2.0	0.2	0.4
Size B/C - 50,000 to 1,500,000 ³	M	2.3	1.1	0.7	1.7	0.2	0.4
Size D - Nonmetropolitan (less than 50,000) ⁴	M	1.6	0.9	0.4	1.8	0.4	0.5
West urban.....	M	2.9	0.7	0.5	2.7	0.3	0.2
Size A - More than 1,500,000.....	M	3.0	0.6	0.5	2.9	0.3	0.1
Size B/C - 50,000 to 1,500,000 ³	M	2.6	0.8	0.5	2.3	0.3	0.4
Size classes							
A ⁵	M	2.5	0.8	0.6	2.1	0.2	0.2
B/C ³	M	2.0	0.9	0.5	1.6	0.2	0.4
D ⁴	M	1.7	0.7	0.2	1.9	0.5	0.5
Selected local areas							
Chicago-Gary-Kenosha, IL-IN-WI.....	M	2.1	0.7	0.4	2.3	0.3	0.3
Los Angeles-Riverside-Orange County, CA ⁶	M	3.1	0.7	0.4	2.8	0.6	0.3
New York-Northern N.J.-Long Island, NY-NJ-CT-PA. ..	M	2.1	0.7	0.5	1.7	0.0	0.2
Boston-Brockton-Nashua, MA-NH-ME-CT.....	1	2.7	1.2				
Cleveland-Akron, OH ⁴	1	1.8	0.6				
Dallas-Fort Worth, TX.....	1	3.2	1.5				
Washington-Baltimore, DC-MD-VA-WV ^{7, 8}	1	1.7	0.9				
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, September 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
September 2017.....	0.6	0.5	2.2	2.2

¹ The C-CPI-U is designed to be a closer approximation to a cost-of-living index in that it, in its final form, accounts for any substitution that consumers make across item categories in response to changes in relative prices. Since the expenditure data required for the calculation of the C-CPI-U are available only with a time lag, the C-CPI-U is 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, September 2017, 1-month analysis table
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 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	0.5		0.03	L-Jan.2017	0.6
Food.....	13.643	0.1	0.014	0.06	—	—
Food at home.....	7.846	0.0	-0.004	0.11	L-Jul.2017	0.2
Cereals and bakery products.....	1.055	0.1	0.001	0.23	S-Jul.2017	-0.4
Cereals and cereal products.....	0.351	0.3	0.001	0.42	S-Jul.2017	0.1
Flour and prepared flour mixes.....	0.043	0.0	0.000	0.68	L-Jul.2017	1.6
Breakfast cereal ⁴	0.179	0.3	0.001	0.63	L-Jul.2017	0.3
Rice, pasta, cornmeal ⁴	0.129	-1.6	-0.002	0.71	S-Sep.2016	-2.0
Rice ^{4, 5, 6}		-1.9		0.76	S-Sep.2016	-2.4
Bakery products ⁴	0.704	-0.2	-0.001	0.29	S-Jul.2017	-0.4
Bread ^{4, 5}	0.210	-0.7	-0.001	0.51	S-Jul.2017	-1.4
White bread ^{4, 6}		-0.6		0.72	S-Jul.2017	-1.0
Bread other than white ^{4, 6}		-0.8		0.78	S-Jul.2017	-1.9
Fresh biscuits, rolls, muffins ⁵	0.102	0.5	0.001	0.63	L-May 2017	0.6
Cakes, cupcakes, and cookies.....	0.171	-0.6	-0.001	0.49	S-Nov.2015	-0.8
Cookies ⁶		-1.2		0.78	S-Feb.2017	-2.1
Fresh cakes and cupcakes ^{4, 6}		0.6		0.77	L-Nov.2016	1.8
Other bakery products.....	0.221	1.0	0.002	0.56	L-Mar.2017	1.2
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		0.5		1.10	S-Jul.2017	-0.3
Crackers, bread, and cracker products ⁶		1.3		0.95	L-Jun.2017	1.5
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		0.2		0.96	L-Jul.2017	1.0
Meats, poultry, fish, and eggs.....	1.756	-0.4	-0.007	0.24	S-Apr.2017	-0.6
Meats, poultry, and fish.....	1.661	-0.4	-0.007	0.24	S-Apr.2017	-0.7
Meats.....	1.058	-0.4	-0.004	0.28	—	—
Beef and veal.....	0.475	-0.7	-0.003	0.43	S-Dec.2016	-0.7
Uncooked ground beef ⁴	0.195	-0.1	0.000	0.56	—	—
Uncooked beef roasts ^{4, 5}	0.064	-0.4	0.000	1.03	L-Jun.2017	3.5
Uncooked beef steaks ⁵	0.168	-2.2	-0.004	0.82	S-Apr.2013	-2.2
Uncooked other beef and veal ^{4, 5}	0.049	-2.4	-0.001	0.89	S-May 2015	-2.5
Pork.....	0.334	0.4	0.001	0.50	L-Jul.2017	0.6
Bacon, breakfast sausage, and related products ⁵	0.146	0.8	0.001	0.71	S-Jun.2017	0.4
Bacon and related products ⁶		0.0		1.07	S-May 2017	-2.0
Breakfast sausage and related products ^{5, 6}		1.7		1.07	L-Jan.2017	1.7
Ham.....	0.061	-2.2	-0.001	1.03	—	—
Ham, excluding canned ⁶		-2.3		1.14	L-Jul.2017	3.3
Pork chops ⁴	0.053	-0.5	0.000	1.31	S-Jun.2017	-1.2
Other pork including roasts and picnics ⁵	0.075	0.8	0.001	1.04	L-Feb.2017	2.6
Other meats.....	0.249	-0.7	-0.002	0.52	L-Jul.2017	2.4
Frankfurters ⁶		0.2		1.86	S-Jun.2017	-3.0
Lunchmeats ^{5, 6}		-1.3		0.61	L-Jul.2017	2.0
Lamb and organ meats ^{4, 6}						
Lamb and mutton ^{4, 5, 6}						
Poultry ⁴	0.341	-0.2	-0.001	0.60	S-Apr.2017	-0.3
Chicken ^{4, 5}	0.278	-0.3	-0.001	0.68	S-Dec.2016	-1.1
Fresh whole chicken ^{4, 6}		-0.1		1.68	L-Jun.2017	0.7
Fresh and frozen chicken parts ^{4, 6}		-0.3		0.90	S-Feb.2017	-0.7
Other poultry including turkey ⁵	0.063	-0.3	0.000	0.83	S-Jul.2017	-1.0
Fish and seafood.....	0.263	-0.8	-0.002	0.55	S-Apr.2017	-1.9
Fresh fish and seafood ⁵	0.143	-2.0	-0.003	0.84	S-EVER	—
Processed fish and seafood ⁵	0.120	0.8	0.001	0.62	L-May 2017	2.9

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 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}		0.8		0.87	L-May 2017	3.7
Frozen fish and seafood ⁶		0.8		0.88	L-May 2017	1.1
Eggs.....	0.095	0.1	0.000	0.94	—	—
Dairy and related products.....	0.799	-0.6	-0.005	0.26	S-Mar.2017	-0.6
Milk ^{4, 5}	0.223	-0.2	0.000	0.35	L-Jul.2017	0.1
Fresh whole milk ⁶		-0.9		0.48	L-Jul.2017	0.3
Fresh milk other than whole ^{5, 6}		-1.6		0.57	S-Feb.2015	-2.2
Cheese and related products.....	0.260	-0.7	-0.002	0.47	S-Mar.2017	-0.9
Ice cream and related products.....	0.113	-1.1	-0.001	0.76	S-Jun.2017	-1.7
Other dairy and related products ^{4, 5}	0.203	0.3	0.001	0.58	L-Jul.2017	1.3
Fruits and vegetables.....	1.330	-0.2	-0.002	0.28	—	—
Fresh fruits and vegetables.....	1.041	-0.1	-0.001	0.33	L-Jul.2017	0.8
Fresh fruits.....	0.561	0.5	0.003	0.48	L-Jul.2017	1.2
Apples.....	0.091	2.9	0.003	0.97	L-Oct.2015	3.0
Bananas ⁴	0.084	-3.4	-0.003	0.70	S-Nov.2009	-6.3
Citrus fruits ⁵	0.167	0.5	0.001	0.95	L-Jun.2017	4.7
Oranges, including tangerines ⁶		1.7		1.35	L-Jun.2017	6.3
Other fresh fruits ⁵	0.219	1.5	0.004	0.86	L-Jul.2017	2.6
Fresh vegetables.....	0.480	-0.8	-0.004	0.55	S-Jun.2017	-1.6
Potatoes.....	0.082	0.1	0.000	1.11	L-Jul.2017	0.4
Lettuce.....	0.062	-1.7	-0.001	1.38	S-Jul.2017	-3.7
Tomatoes ⁴	0.080	1.0	0.001	1.30	L-Jun.2017	2.7
Other fresh vegetables.....	0.255	-0.5	-0.001	0.82	S-Jun.2017	-1.3
Processed fruits and vegetables ⁵	0.289	-0.3	-0.001	0.45	S-Jul.2017	-0.7
Canned fruits and vegetables ⁵	0.150	0.0	0.000	0.58	S-Jul.2017	-0.6
Canned fruits ^{5, 6}		0.6		0.77	—	—
Canned vegetables ^{5, 6}		0.0		0.80	S-Jul.2017	-0.2
Frozen fruits and vegetables ⁵	0.086	-1.5	-0.001	0.93	S-Sep.2016	-1.6
Frozen vegetables ⁶		-1.4		1.27	S-Dec.2016	-1.6
Other processed fruits and vegetables including dried ⁵	0.052	1.0	0.001	0.81	L-Mar.2017	2.3
Dried beans, peas, and lentils ^{4, 5, 6}		-0.2		0.82	S-Jun.2017	-1.5
Nonalcoholic beverages and beverage materials.....	0.938	0.4	0.004	0.34	L-May 2017	1.1
Juices and nonalcoholic drinks ⁵	0.662	0.2	0.001	0.42	—	—
Carbonated drinks.....	0.265	0.5	0.001	0.75	—	—
Frozen noncarbonated juices and drinks ^{4, 5}	0.011	-3.8	0.000	0.58	S-EVER	—
Nonfrozen noncarbonated juices and drinks ⁵	0.385	0.0	0.000	0.50	L-Jul.2017	0.3
Beverage materials including coffee and tea ⁵	0.276	0.9	0.003	0.51	L-May 2017	1.0
Coffee.....	0.173	1.4	0.002	0.72	L-Feb.2017	1.8
Roasted coffee ⁶		1.3		0.96	L-May 2017	1.3
Instant coffee ^{4, 6}		-1.7		1.06	S-May 2017	-1.8
Other beverage materials including tea ^{4, 5}	0.103	-0.3	0.000	0.65	L-Jul.2017	1.2
Other food at home.....	1.968	0.2	0.005	0.20	L-Mar.2017	0.7
Sugar and sweets ⁴	0.287	-0.2	-0.001	0.47	—	—
Sugar and artificial sweeteners.....	0.050	0.8	0.000	0.71	L-Jun.2017	1.1
Candy and chewing gum ^{4, 5}	0.182	-0.4	-0.001	0.68	S-Feb.2017	-1.2
Other sweets ⁵	0.055	-0.4	0.000	0.67	S-Apr.2017	-0.6
Fats and oils.....	0.234	0.0	0.000	0.42	L-Jul.2017	0.8
Butter and margarine ⁵	0.070	-1.3	-0.001	0.81	S-May 2016	-2.6
Butter ⁶		-2.0		1.05	S-May 2016	-2.9
Margarine ⁶		0.5		0.89	L-Apr.2017	3.0
Salad dressing ⁵	0.056	-0.6	0.000	0.83	L-Jul.2017	2.1
Other fats and oils including peanut butter ⁵	0.108	1.1	0.001	0.56	L-Apr.2017	1.4

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 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}		3.7		0.93	L-Dec.2016	3.8
Other foods.....	1.448	0.4	0.006	0.25	L-Mar.2017	0.7
Soups.....	0.094	3.5	0.003	0.95	L-Jan.2008	3.6
Frozen and freeze dried prepared foods ⁴	0.253	-0.2	0.000	0.60	L-Jul.2017	0.8
Snacks ⁴	0.329	-0.6	-0.002	0.66	S-Jul.2017	-0.7
Spices, seasonings, condiments, sauces.....	0.284	0.3	0.001	0.55	L-Mar.2017	0.7
Salt and other seasonings and spices ^{5, 6}		0.4		0.81	L-Jun.2017	0.4
Olives, pickles, relishes ^{4, 5, 6}		1.7		1.20	L-Jul.2017	3.2
Sauces and gravies ^{5, 6}		0.0		0.81	S-Jul.2017	-0.1
Other condiments ⁶		0.9		0.80	L-May 2017	1.6
Baby food ^{4, 5}	0.055	0.0	0.000	0.64	—	—
Other miscellaneous foods ^{4, 5}	0.433	0.7	0.003	0.41	L-Apr.2016	0.7
Prepared salads ^{4, 7, 6}		0.1		0.71	L-Jul.2017	1.5
Food away from home ⁴	5.797	0.3	0.018	0.04	—	—
Full service meals and snacks ^{4, 5}	2.809	0.2	0.005	0.05	—	—
Limited service meals and snacks ^{4, 5}	2.466	0.4	0.009	0.07	L-Jan.2017	0.5
Food at employee sites and schools ⁵	0.196	0.6	0.001	0.15	S-Jul.2017	-0.5
Food at elementary and secondary schools ^{4, 8, 6}		2.1		0.06	L-Sep.2015	8.7
Food from vending machines and mobile vendors ^{4, 5} ...	0.082	0.3	0.000	0.17	L-Jul.2017	0.5
Other food away from home ^{4, 5}	0.245	0.3	0.001	0.04	S-Jul.2017	0.0
Energy.....	7.372	6.1	0.433	0.09	L-Jun.2009	9.6
Energy commodities.....	3.598	12.6	0.439	0.15	L-Jun.2009	19.1
Fuel oil and other fuels.....	0.183	5.2	0.010	0.39	L-Feb.2014	5.5
Fuel oil ⁴	0.097	8.2	0.008	0.48	L-Jun.2008	8.8
Propane, kerosene, and firewood ⁹	0.086	1.8	0.002	0.63	L-Feb.2017	1.8
Motor fuel.....	3.415	13.0	0.429	0.15	L-Jun.2009	20.2
Gasoline (all types).....	3.365	13.1	0.424	0.16	L-Jun.2009	20.3
Gasoline, unleaded regular ⁶		13.6		0.65	L-Jun.2009	20.9
Gasoline, unleaded midgrade ^{10, 6}		10.2		0.63	L-Jun.2009	19.3
Gasoline, unleaded premium ⁶		11.5		0.56	L-Jun.2009	18.7
Other motor fuels ⁵	0.050	7.8	0.004	0.23	L-Jan.2017	10.7
Energy services ¹¹	3.774	-0.2	-0.006	0.08	S-Jul.2017	-0.2
Electricity ¹¹	2.963	0.0	0.000	0.09	—	—
Utility (piped) gas service ¹¹	0.811	-0.8	-0.006	0.10	S-Jul.2017	-2.3
All items less food and energy.....	78.985	0.1	0.101	0.04	S-Jul.2017	0.1
Commodities less food and energy commodities.....	18.813	-0.2	-0.043	0.08	S-May 2017	-0.3
Household furnishings and supplies ¹²	3.091	-0.4	-0.012	0.15	S-Jul.2017	-0.5
Window and floor coverings and other linens ^{4, 5}	0.244	1.8	0.004	0.60	L-Jan.2017	1.9
Floor coverings ^{4, 5}	0.057	-0.4	0.000	0.54	S-Jul.2017	-0.9
Window coverings ^{4, 5}	0.050	1.2	0.001	1.05	L-Oct.2016	4.3
Other linens ^{4, 5}	0.137	2.9	0.004	0.91	L-Jan.2017	3.6
Furniture and bedding.....	0.744	-0.3	-0.003	0.34	S-Apr.2017	-0.6
Bedroom furniture ⁴	0.266	0.4	0.001	0.42	S-Jul.2017	-0.2
Living room, kitchen, and dining room furniture ^{4, 5} ...	0.351	-0.6	-0.002	0.47	L-Jul.2017	-0.3
Other furniture ⁵	0.122	0.5	0.001	0.67	L-Jan.2017	1.9
Infants' furniture ^{4, 8, 6}		0.0		0.55	S-Jul.2017	-0.8
Appliances ⁵	0.177	-0.5	-0.001	0.60	S-Jun.2017	-1.4
Major appliances ⁵	0.053	-1.0	-0.001	0.72	S-Jun.2017	-2.4
Laundry equipment ⁶		-1.5		1.15	S-Jul.2017	-2.2
Other appliances ^{4, 5}	0.122	-0.1	0.000	0.79	S-Jul.2017	-0.7
Other household equipment and furnishings ⁵	0.425	-1.6	-0.007	0.41	S-Jul.2017	-2.6
Clocks, lamps, and decorator items ⁴	0.207	-1.0	-0.002	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, September 2017, 1-month analysis table — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 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	0.100	-1.9	-0.002	0.57	S-Jul.2016	-2.2
Dishes and flatware ^{4, 5}	0.051	-3.2	-0.002	1.22	S-Jun.2017	-3.2
Nonelectric cookware and tableware ⁵	0.068	-0.9	-0.001	0.60	S-May 2017	-1.2
Tools, hardware, outdoor equipment and supplies ⁵	0.658	-0.5	-0.003	0.22	S-Apr.2016	-0.5
Tools, hardware and supplies ^{4, 5}	0.176	-0.1	0.000	0.42	L-Jun.2017	-0.1
Outdoor equipment and supplies ⁵	0.327	-0.5	-0.002	0.26	L-Jul.2017	-0.4
Housekeeping supplies ⁴	0.843	-0.2	-0.002	0.22	L-Jun.2017	-0.1
Household cleaning products ⁵	0.330	-0.3	-0.001	0.36	S-Jul.2017	-0.5
Household paper products ^{4, 5}	0.230	0.2	0.000	0.43	L-Apr.2017	0.6
Miscellaneous household products ^{4, 5}	0.283	-0.5	-0.001	0.38	S-Nov.2016	-1.0
Apparel.....	3.020	-0.1	-0.004	0.37	S-Jun.2017	-0.1
Men's and boys' apparel.....	0.750	-0.3	-0.002	0.63	S-Jun.2017	-0.8
Men's apparel.....	0.596	0.6	0.004	0.67	L-May 2017	0.8
Men's suits, sport coats, and outerwear.....	0.094	3.2	0.003	1.50	L-Apr.2016	3.4
Men's furnishings.....	0.190	2.6	0.005	1.34	L-Jan.2017	3.8
Men's shirts and sweaters ⁵	0.167	-1.5	-0.003	1.09	S-Jul.2017	-2.1
Men's pants and shorts.....	0.139	0.0	0.000	1.28	L-Jul.2017	0.9
Boys' apparel.....	0.154	-1.4	-0.002	1.60	S-Jun.2017	-4.4
Women's and girls' apparel.....	1.222	-1.0	-0.012	0.62	S-May 2017	-1.5
Women's apparel.....	1.022	-0.9	-0.010	0.69	—	—
Women's outerwear.....	0.070	-5.1	-0.004	2.01	S-Sep.2016	-5.3
Women's dresses.....	0.146	-2.6	-0.004	1.69	L-Jul.2017	3.3
Women's suits and separates ⁵	0.456	-0.4	-0.002	0.82	L-Jul.2017	0.1
Women's underwear, nightwear, sportswear and accessories ⁵	0.340	-0.5	-0.002	1.16	S-Jun.2017	-3.5
Girls' apparel.....	0.200	-1.2	-0.003	1.60	S-May 2017	-1.7
Footwear.....	0.674	-0.3	-0.002	0.60	L-Jun.2017	0.5
Men's footwear ⁴	0.211	0.1	0.000	1.01	S-Jul.2017	-1.1
Boys' and girls' footwear.....	0.165	3.0	0.005	1.05	L-Jul.2014	3.0
Women's footwear.....	0.299	-1.5	-0.004	0.90	L-Jul.2017	-1.1
Infants' and toddlers' apparel.....	0.145	7.0	0.010	1.33	L-Feb.1990	9.6
Jewelry and watches ⁹	0.230	1.0	0.002	1.25	L-Apr.2017	3.5
Watches ^{4, 9}	0.086	-0.3	0.000	1.51	S-Jun.2017	-3.0
Jewelry ⁹	0.144	1.2	0.002	1.40	L-Feb.2017	3.9
Transportation commodities less motor fuel ¹²	6.029	-0.3	-0.018	0.07	S-Jul.2017	-0.4
New vehicles.....	3.578	-0.4	-0.013	0.12	S-Jul.2017	-0.5
New cars and trucks ^{5, 6}		-0.4		0.15	S-Jul.2017	-0.5
New cars ⁶		-0.5		0.17	S-Jul.2017	-0.7
New trucks ^{14, 6}		-0.3		0.15	S-Jul.2017	-0.3
Used cars and trucks.....	1.980	-0.2	-0.003	0.02	—	—
Motor vehicle parts and equipment ⁴	0.379	-0.1	-0.001	0.27	L-Jul.2017	0.1
Tires ⁴	0.225	-0.2	0.000	0.33	S-Jul.2017	-0.4
Vehicle accessories other than tires ^{4, 5}	0.154	-0.1	0.000	0.42	L-Jul.2017	0.9
Vehicle parts and equipment other than tires ^{4, 6} ...		0.4		0.36	L-Jul.2017	0.4
Motor oil, coolant, and fluids ^{4, 6}		-0.9		0.83	S-May 2017	-0.9
Medical care commodities.....	1.868	-0.8	-0.015	0.26	S-Apr.2017	-0.8
Medicinal drugs ^{4, 12}	1.810	-0.9	-0.016	0.27	S-Apr.2017	-0.9
Prescription drugs ¹¹	1.451	-0.6	-0.009	0.33	S-Apr.2017	-0.9
Nonprescription drugs ^{4, 12}	0.358	-1.4	-0.005	0.46	S-Oct.2014	-2.1
Medical equipment and supplies ^{4, 12}	0.059	0.4	0.000	0.54	L-Feb.2017	0.8
Recreation commodities ¹²	1.726	0.0	0.000	0.17	L-Aug.2016	0.1
Video and audio products ¹²	0.207	-0.8	-0.002	0.54	L-Jul.2017	-0.4
Televisions.....	0.098	-1.5	-0.001	0.85	L-Jul.2017	-0.5

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 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	0.024	-1.3	0.000	0.67	L-Jul.2017	0.4
Audio equipment ⁴	0.053	1.3	0.001	1.01	L-Nov.2016	1.7
Recorded music and music subscriptions ^{4, 5}	0.024	-2.1	0.000	0.72	S-Jun.2016	-3.9
Pets and pet products ⁴	0.574	-0.4	-0.002	0.26	S-Oct.2016	-0.4
Pet food ^{4, 5, 6}		-0.7		0.30	S-Oct.2016	-0.8
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		-0.1		0.48	L-Jul.2017	0.6
Sporting goods.....	0.417	0.3	0.001	0.29	L-May 2017	0.4
Sports vehicles including bicycles ⁴	0.218	0.5	0.001	0.37	L-Dec.2016	0.5
Sports equipment.....	0.190	0.1	0.000	0.46	S-Jun.2017	0.1
Photographic equipment and supplies.....	0.039	1.0	0.000	0.73	L-Dec.2016	1.0
Film and photographic supplies ^{4, 5, 6}						
Photographic equipment ^{5, 6}		0.9		0.80	L-Dec.2016	1.2
Recreational reading materials ⁴	0.147	1.0	0.001	0.67	L-Dec.2016	1.4
Newspapers and magazines ^{4, 5}	0.087	1.1	0.001	0.85	L-May 2017	1.1
Recreational books ^{4, 5}	0.060	0.8	0.000	0.95	L-Jul.2017	1.4
Other recreational goods ⁵	0.342	0.3	0.001	0.38	L-Mar.2015	0.3
Toys.....	0.271	0.3	0.001	0.43	L-Aug.2016	0.3
Toys, games, hobbies and playground equipment ^{5, 6}		1.2		0.49	L-Feb.2012	1.4
Sewing machines, fabric and supplies ^{4, 5}	0.024	-0.6	0.000	1.25	S-Apr.2017	-5.2
Music instruments and accessories ^{4, 5}	0.033	0.7	0.000	0.26	L-Jul.2017	1.7
Education and communication commodities ¹²	0.595	-1.2	-0.007	0.31	S-EVER	—
Educational books and supplies.....	0.161	-1.5	-0.002	0.42	S-Jan.2017	-1.5
College textbooks ^{4, 15, 6}		-1.9		0.50	S-EVER	—
Information technology commodities ¹²	0.435	-1.1	-0.005	0.39	S-Mar.2017	-1.4
Personal computers and peripheral equipment ⁷	0.263	-0.9	-0.002	0.47	S-May 2017	-0.9
Computer software and accessories ^{4, 5}	0.085	-1.9	-0.002	1.26	S-Nov.2016	-2.1
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.086	-1.2	-0.001	0.59	S-Jul.2017	-1.3
Alcoholic beverages.....	0.942	0.4	0.004	0.13	L-Oct.2015	0.4
Alcoholic beverages at home.....	0.576	0.6	0.004	0.21	L-Apr.2017	0.6
Beer, ale, and other malt beverages at home.....	0.266	0.8	0.002	0.25	L-Apr.2017	0.8
Distilled spirits at home.....	0.072	0.2	0.000	0.35	—	—
Whiskey at home ^{4, 6}		-0.2		0.49	L-Jul.2017	-0.2
Distilled spirits, excluding whiskey, at home ⁶		-0.3		0.52	S-May 2017	-0.7
Wine at home.....	0.238	0.7	0.002	0.41	L-Jan.2016	0.7
Alcoholic beverages away from home ⁴	0.366	-0.1	0.000	0.12	S-Jul.2017	-0.2
Beer, ale, and other malt beverages away from home ^{4, 5, 6}		-0.1		0.19	S-Jul.2017	-0.4
Wine away from home ^{4, 5, 6}		0.0		0.09	S-Jul.2017	-0.3
Distilled spirits away from home ^{4, 5, 6}		0.0		0.14	S-Mar.2017	0.0
Other goods ¹²	1.542	0.5	0.007	0.17	L-Apr.2017	1.9
Tobacco and smoking products.....	0.684	0.4	0.003	0.14	L-Apr.2017	4.2
Cigarettes ⁵	0.620	0.4	0.003	0.15	L-Apr.2017	4.5
Tobacco products other than cigarettes ^{4, 5}	0.046	0.4	0.000	0.34	S-Jun.2017	0.1
Personal care products ⁴	0.681	0.5	0.004	0.31	L-Oct.2015	0.6
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.361	1.1	0.004	0.40	L-Jan.2015	1.2
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.314	-0.2	-0.001	0.43	S-May 2017	-0.9
Miscellaneous personal goods ⁵	0.177	0.6	0.001	0.56	L-Jul.2017	0.7
Stationery, stationery supplies, gift wrap ⁶		1.7		0.57	L-Sep.2016	2.1
Infants' equipment ^{4, 8, 6}		-0.2		0.59	S-Jul.2017	-0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 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.....	60.172	0.2	0.144	0.04	S-Jul.2017	0.2
Shelter.....	33.832	0.3	0.090	0.05	S-Jul.2017	0.1
Rent of shelter ¹⁶	33.491	0.3	0.090	0.05	S-Jul.2017	0.1
Rent of primary residence ¹¹	7.917	0.2	0.016	0.04	S-Jul.2017	0.2
Lodging away from home ⁵	0.942	1.5	0.013	1.49	S-Jul.2017	-4.2
Housing at school, excluding board ^{11, 16}	0.120	0.1	0.000	0.10	L-Jul.2017	0.1
Other lodging away from home including hotels and motels.....	0.822	1.7	0.013	1.71	S-Jul.2017	-4.9
Owners' equivalent rent of residences ^{11, 16}	24.632	0.2	0.060	0.03	S-May 2017	0.2
Owners' equivalent rent of primary residence ^{11, 16}	23.505	0.2	0.058	0.03	S-May 2017	0.2
Tenants' and household insurance ^{4, 5}	0.341	0.0	0.000	0.14	—	—
Water and sewer and trash collection services ⁵	1.178	0.3	0.003	0.08	L-Jun.2017	0.3
Water and sewerage maintenance ¹¹	0.894	0.4	0.003	0.10	L-Apr.2017	0.4
Garbage and trash collection ^{4, 14}	0.284	0.1	0.000	0.06	—	—
Household operations ^{4, 5}	0.855	0.0	0.000	0.11	S-Jun.2017	-0.1
Domestic services ^{4, 5}	0.284		0.000	0.03	—	—
Gardening and lawncare services ^{4, 5}	0.280	0.0	0.000	0.13	S-Jul.2017	-0.2
Moving, storage, freight expense ⁵	0.116	1.0	0.001	0.65	S-Jun.2017	-4.5
Repair of household items ^{4, 5}	0.091	0.2	0.000	0.23	L-Jul.2017	0.2
Medical care services.....	6.662	0.1	0.010	0.07	S-May 2017	-0.1
Professional services.....	3.101	0.2	0.006	0.09	S-Jul.2017	0.1
Physicians' services ¹¹	1.658	0.2	0.003	0.09	S-Jul.2017	0.1
Dental services ¹¹	0.813	0.3	0.002	0.16	L-May 2017	0.4
Eyeglasses and eye care ^{4, 9}	0.317	-0.1	0.000	0.29	S-Jul.2017	-0.4
Services by other medical professionals ^{4, 11, 9}	0.313	0.5	0.001	0.22	L-Jan.2017	0.7
Hospital and related services.....	2.559	0.2	0.006	0.11	L-Jul.2017	0.5
Hospital services ^{11, 17}	2.290	0.2	0.005	0.12	—	—
Inpatient hospital services ^{11, 17, 6}		0.1		0.25	S-May 2017	0.0
Outpatient hospital services ^{11, 9, 6}		0.0		0.35	S-Nov.2016	-0.1
Nursing homes and adult day services ^{11, 17}	0.195	0.3	0.000	0.11	L-Jun.2017	1.1
Care of invalids and elderly at home ^{4, 8}	0.074	0.0	0.000	0.12	L-Jul.2017	0.1
Health insurance ^{4, 8}	1.001	-0.2	-0.002	0.10	S-May 2017	-0.2
Transportation services.....	5.957	0.3	0.017	0.11	S-Jul.2017	0.2
Leased cars and trucks ¹⁵	0.541	-0.4	-0.002	0.48	S-Mar.2017	-1.4
Car and truck rental ⁵	0.114	-2.8	-0.003	1.88	S-Jan.2017	-4.3
Motor vehicle maintenance and repair ⁴	1.156	0.6	0.007	0.16	L-Nov.2016	0.6
Motor vehicle body work ⁴	0.057	0.5	0.000	0.19	L-Nov.2016	1.0
Motor vehicle maintenance and servicing ⁴	0.672	0.5	0.003	0.21	L-Jan.2017	0.8
Motor vehicle repair ^{4, 5}	0.385	0.8	0.003	0.18	L-Sep.2014	0.8
Motor vehicle insurance.....	2.565	0.5	0.013	0.13	S-Jul.2017	0.3
Motor vehicle fees ^{4, 5}	0.526	-0.5	-0.002	0.12	S-Sep.2014	-1.0
State motor vehicle registration and license fees ^{4, 11, 5}	0.281	0.0	0.000	0.02	—	—
Parking and other fees ^{4, 5}	0.234	-1.0	-0.002	0.13	S-Sep.2016	-1.0
Parking fees and tolls ^{4, 5, 6}		-0.2		0.17	S-Apr.2017	-0.2
Automobile service clubs ^{4, 5, 6}						
Public transportation.....	1.056	0.4	0.004	0.37	L-Feb.2017	1.4
Airline fares.....	0.600	-0.1	-0.001	0.58	L-Jul.2017	0.7
Other intercity transportation.....	0.175	1.0	0.002	0.57	L-Jul.2017	1.0
Intercity bus fare ^{4, 7, 6}		-1.3		0.89	L-Jul.2017	4.6
Intercity train fare ^{4, 7, 6}		-1.2		0.92	S-Apr.2017	-2.9
Ship fare ^{4, 5, 6}		0.6		0.87	L-Jul.2017	1.2

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Intracity transportation ⁴	0.277	1.6	0.004	0.04	L-Mar.2013	2.8
Intracity mass transit ^{4, 12, 6}		1.8		0.07	L-Mar.2013	3.2
Recreation services ¹²	3.954	0.2	0.010	0.16	S-Jun.2017	0.0
Video and audio services ¹²	1.683	0.5	0.009	0.13	S-Jul.2017	0.5
Cable and satellite television service ¹⁴	1.584	0.5	0.008	0.12	S-Jun.2017	0.2
Video discs and other media, including rental of video ^{4, 5}	0.099	0.3	0.000	0.95	S-Jul.2017	-1.7
Video discs and other media ^{4, 5, 6}		1.2		1.51	S-Jul.2017	-3.0
Rental of video discs and other media ^{4, 5, 6}		0.0		0.23	S-Jul.2017	0.0
Pet services including veterinary ⁵	0.370	0.3	0.001	0.14	S-Jun.2017	0.0
Pet services ^{4, 5, 6}		0.2		0.19	S-Jul.2017	0.1
Veterinarian services ^{5, 6}		0.1		0.15	S-Jun.2017	-0.1
Photographers and film processing ^{4, 5}	0.048	0.5	0.000	0.31	L-Jul.2017	0.6
Photographer fees ^{4, 5, 6}		-0.7		0.06	S-Jan.2017	-1.0
Film processing ^{4, 5, 6}		2.1		0.48	L-Sep.2015	2.5
Other recreation services ⁵	1.852	0.0	0.000	0.30	S-Jun.2017	-0.1
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{4, 5}	0.649	0.0	0.000	0.29	S-Apr.2017	-0.3
Admissions.....	0.651	-0.1	-0.001	0.62	S-Jun.2017	-0.6
Admission to movies, theaters, and concerts ^{4, 5, 6}		-0.5		0.54	S-Oct.2016	-0.7
Admission to sporting events ^{4, 5, 6}		-0.1		2.29	L-Jul.2017	1.7
Fees for lessons or instructions ^{4, 9}	0.224	0.4	0.001	0.25	L-Apr.2017	0.4
Education and communication services ¹²	6.106	0.2	0.015	0.07	L-Nov.2016	0.2
Tuition, other school fees, and childcare.....	3.025	0.3	0.010	0.05	L-Jun.2017	0.3
College tuition and fees.....	1.789	0.6	0.011	0.06	L-Sep.2015	0.6
Elementary and high school tuition and fees.....	0.317	0.2	0.001	0.04	S-Jul.2017	0.1
Child care and nursery school ¹³	0.744	-0.1	0.000	0.06	S-Jul.2017	-0.1
Technical and business school tuition and fees ⁵	0.042	0.1	0.000	0.08	S-Jun.2017	-0.1
Postage and delivery services ⁵	0.138	0.1	0.000	0.02	—	—
Postage.....	0.131	0.1	0.000	0.00	—	—
Delivery services ⁵	0.007	0.5	0.000	0.37	S-Jul.2017	-0.7
Telephone services ^{4, 5}	2.242	0.2	0.004	0.11	L-Nov.2015	0.4
Wireless telephone services ^{4, 5}	1.518	0.4	0.006	0.12	L-Nov.2015	0.7
Land-line telephone services ^{4, 12}	0.724	-0.2	-0.002	0.20	S-May 2017	-0.6
Internet services and electronic information providers ⁵	0.691	0.0	0.000	0.44	S-Jul.2017	-1.1
Other personal services ^{4, 12}	1.628	0.0	-0.001	0.08	S-May 2017	0.0
Personal care services ⁴	0.608	-0.1	-0.001	0.10	S-Dec.2015	-0.2
Haircuts and other personal care services ^{4, 5}	0.608	-0.1	-0.001	0.10	S-Dec.2015	-0.2
Miscellaneous personal services ⁴	1.020	0.0	0.000	0.13	L-Jul.2017	0.3
Legal services ^{4, 9}	0.245	-0.2	0.000	0.12	L-Jul.2017	-0.2
Funeral expenses ^{4, 9}	0.144	0.0	0.000	0.09	S-Jun.2017	0.0
Laundry and dry cleaning services ^{4, 5}	0.268	0.1	0.000	0.10	L-Jul.2017	0.4
Apparel services other than laundry and dry cleaning ^{4, 5}	0.026	-0.1	0.000	0.10	L-Jul.2017	0.0
Financial services ⁹	0.237	0.4	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}		0.1		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, September 2017, 1-month analysis table — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	One Month				
		Seasonally adjusted percent change Aug. 2017-Sep. 2017	Seasonally adjusted effect on All Items Aug. 2017-Sep. 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.....	86.357	0.6	0.534	0.04	L-Jan.2017	0.6
All items less shelter.....	66.168	0.7	0.458	0.03	L-Jan.2017	0.7
All items less food and shelter.....	52.525	0.8	0.444	0.04	L-Jan.2017	0.9
All items less food, shelter, and energy.....	45.153	0.0	0.011	0.05	S-Jun.2017	0.0
All items less food, shelter, energy, and used cars and trucks.....	43.173	0.0	0.014	0.05	S-May 2017	-0.1
All items less medical care.....	91.470	0.6	0.554	0.03	L-Jan.2017	0.6
All items less energy.....	92.628	0.1	0.115	0.04	S-Jul.2017	0.1
Commodities.....	36.054	1.1	0.410	0.05	L-Feb.2013	1.1
Commodities less food, energy, and used cars and trucks.....	16.833	-0.2	-0.040	0.09	S-May 2017	-0.3
Commodities less food.....	22.411	1.8	0.396	0.07	L-Jun.2009	3.2
Commodities less food and beverages.....	21.469	1.8	0.392	0.07	L-Feb.2013	1.8
Services.....	63.946	0.2	0.138	0.04	S-Jul.2017	0.2
Services less rent of shelter ¹⁶	30.455	0.2	0.061	0.04	—	—
Services less medical care services.....	57.285	0.2	0.140	0.05	S-Jul.2017	0.2
Durables.....	9.060	-0.4	-0.033	0.07	S-Jul.2017	-0.4
Nondurables.....	26.994	1.7	0.460	0.06	L-Jun.2009	2.8
Nondurables less food.....	13.351	3.3	0.437	0.11	L-Jun.2009	5.5
Nondurables less food and beverages.....	12.409	3.5	0.436	0.12	L-Jun.2009	5.9
Nondurables less food, beverages, and apparel.....	9.388	5.1	0.473	0.09	L-Jun.2009	8.0
Nondurables less food and apparel.....	10.330	4.7	0.478	0.08	L-Jun.2009	7.3
Housing.....	42.913	0.2	0.086	0.06	S-Jul.2017	0.1
Education and communication ⁵	6.701	0.1	0.008	0.07	L-Dec.2016	0.1
Education ⁵	3.185	0.3	0.008	0.05	L-Jun.2017	0.3
Communication ⁵	3.516	0.0	-0.001	0.13	L-Jan.2017	0.0
Information and information processing ⁵	3.378	0.0	-0.001	0.13	L-Jan.2017	0.0
Information technology, hardware and services ¹⁸	1.136	-0.4	-0.005	0.32	S-Jul.2017	-0.4
Recreation ⁵	5.679	0.2	0.010	0.12	—	—
Video and audio ⁵	1.890	0.4	0.007	0.15	S-Jul.2017	0.4
Pets, pet products and services ⁵	0.944	-0.1	-0.001	0.16	S-Jun.2017	-0.2
Photography ⁵	0.087	0.7	0.001	0.38	L-Jul.2016	0.9
Food and beverages.....	14.585	0.1	0.018	0.06	—	—
Domestically produced farm food.....	6.561	-0.1	-0.007	0.11	L-Jul.2017	0.3
Other services.....	11.688	0.2	0.024	0.07	—	—
Apparel less footwear.....	2.346	-0.1	-0.002	0.42	S-Jun.2017	-0.3
Fuels and utilities.....	5.135	0.1	0.007	0.06	—	—
Household energy.....	3.957	0.1	0.004	0.07	—	—
Medical care.....	8.530	-0.1	-0.006	0.09	S-Apr.2017	-0.2
Transportation.....	15.401	2.8	0.429	0.06	L-Jun.2009	4.9
Private transportation.....	14.345	3.0	0.424	0.06	L-Jun.2009	5.3
New and used motor vehicles ⁵	6.304	-0.4	-0.023	0.09	S-Jul.2017	-0.4
Utilities and public transportation.....	9.834	0.3	0.025	0.07	L-Feb.2017	0.6
Household furnishings and operations.....	3.946	-0.3	-0.011	0.13	S-Apr.2016	-0.3
Other goods and services.....	3.170	0.2	0.006	0.09	L-Jun.2017	0.2
Personal care.....	2.486	0.1	0.004	0.11	L-Jul.2017	0.2

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, September 2017, 12-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016-Sep. 2017	Unadjusted effect on All Items Sep. 2016-Sep. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items.....	100.000	2.2		0.06	L-Apr.2017	2.2
Food.....	13.643	1.2	0.170	0.09	L-Nov.2015	1.3
Food at home.....	7.846	0.4	0.034	0.14	L-Oct.2015	0.7
Cereals and bakery products.....	1.055	-0.1	-0.001	0.30	L-Apr.2016	0.2
Cereals and cereal products.....	0.351	-1.2	-0.004	0.57	—	—
Flour and prepared flour mixes.....	0.043	-2.1	-0.001	0.80	S-Jul.2017	-2.4
Breakfast cereal.....	0.179	-1.0	-0.002	0.87	S-Jul.2017	-1.7
Rice, pasta, cornmeal.....	0.129	-1.2	-0.002	1.01	L-Sep.2016	-1.2
Rice ^{4, 5}		-0.3		1.43	L-Jul.2014	1.3
Bakery products.....	0.704	0.4	0.003	0.35	L-Jun.2017	0.5
Bread ⁴	0.210	0.2	0.001	0.73	S-Jul.2017	-0.5
White bread ⁵		0.7		0.87	S-Jul.2017	-0.2
Bread other than white ⁵		-0.1		1.12	L-Jun.2017	0.9
Fresh biscuits, rolls, muffins ⁴	0.102	-0.7	-0.001	0.84	L-Jul.2017	0.1
Cakes, cupcakes, and cookies.....	0.171	0.0	0.000	0.76	S-Mar.2017	-0.1
Cookies ⁵		-0.5		1.34	S-Apr.2017	-0.8
Fresh cakes and cupcakes ⁵		0.6		1.00	S-Oct.2016	-0.2
Other bakery products.....	0.221	1.5	0.003	0.67	L-Jul.2014	1.5
Fresh sweetrolls, coffeecakes, doughnuts ⁵		0.1		1.58	S-Jul.2017	-1.0
Crackers, bread, and cracker products ⁵		1.6		1.19	L-Jul.2015	1.6
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁵		1.8		1.12	L-Jul.2017	2.1
Meats, poultry, fish, and eggs.....	1.756	0.4	0.007	0.33	S-Jul.2017	0.4
Meats, poultry, and fish.....	1.661	0.6	0.009	0.32	S-Jun.2017	-0.3
Meats.....	1.058	0.8	0.009	0.36	L-Jul.2017	1.1
Beef and veal.....	0.475	0.4	0.002	0.46	S-Jun.2017	-0.8
Uncooked ground beef.....	0.195	2.4	0.005	0.64	L-Jul.2017	2.9
Uncooked beef roasts ⁴	0.064	2.5	0.002	1.06	L-Aug.2015	2.7
Uncooked beef steaks ⁴	0.168	-3.1	-0.005	0.88	S-Jun.2017	-3.2
Uncooked other beef and veal ⁴	0.049	2.0	0.001	1.35	S-May 2017	1.2
Pork.....	0.334	2.3	0.008	0.76	L-Feb.2015	5.9
Bacon, breakfast sausage, and related products ⁴	0.146	7.5	0.010	1.08	L-Aug.2014	8.3
Bacon and related products ⁵		13.4		1.42	L-May 2014	15.3
Breakfast sausage and related products ^{4, 5}		0.2		1.23	L-Apr.2015	0.6
Ham.....	0.061	-0.7	0.000	1.78	S-Jun.2017	-1.3
Ham, excluding canned ⁵		-0.7		1.83	S-Jun.2017	-1.6
Pork chops.....	0.053	-1.2	-0.001	1.93	L-Aug.2016	-0.5
Other pork including roasts and picnics ⁴	0.075	-2.0	-0.002	1.60	L-Jul.2017	-1.7
Other meats.....	0.249	-0.4	-0.001	0.74	S-Jun.2017	-1.4
Frankfurters ⁵		5.4		2.77	L-Mar.2016	5.8
Lunchmeats ^{4, 5}		-2.1		0.69	S-Feb.2017	-2.5
Lamb and organ meats ⁵						
Lamb and mutton ^{4, 5}						
Poultry.....	0.341	0.2	0.001	0.68	S-May 2017	-0.1
Chicken ⁴	0.278	1.0	0.003	0.78	S-May 2017	0.0
Fresh whole chicken ⁵		-2.6		1.86	S-May 2017	-4.1
Fresh and frozen chicken parts ⁵		2.2		1.15	S-Jul.2017	2.2
Other poultry including turkey ⁴	0.063	-3.2	-0.002	1.46	L-May 2017	-0.7
Fish and seafood.....	0.263	0.0	0.000	0.93	S-Apr.2017	-1.0
Fresh fish and seafood ⁴	0.143	-1.3	-0.002	1.61	S-Mar.2016	-2.6
Processed fish and seafood ⁴	0.120	1.6	0.002	1.08	L-Jul.2017	1.7
Shelf stable fish and seafood ⁵		1.1		1.12	L-Jul.2017	2.2

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016- Sep. 2017	Unadjusted effect on All Items Sep. 2016- Sep. 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		1.5		1.13	L-Feb.2017	3.0
Eggs.....	0.095	-2.2	-0.002	1.54	L-Mar.2016	0.7
Dairy and related products.....	0.799	-0.1	0.000	0.39	S-Apr.2017	-0.2
Milk ⁴	0.223	-2.6	-0.006	0.59	S-Sep.2016	-3.3
Fresh whole milk ⁵		-2.7		1.11	S-Sep.2016	-3.0
Fresh milk other than whole ^{4, 5}		-2.4		0.80	S-Nov.2016	-2.9
Cheese and related products.....	0.260	1.0	0.003	0.61	S-Jul.2017	0.5
Ice cream and related products.....	0.113	0.5	0.001	1.13	L-Jul.2017	0.7
Other dairy and related products ⁴	0.203	1.2	0.002	0.86	L-May 2017	1.4
Fruits and vegetables.....	1.330	1.2	0.017	0.44	L-Jul.2016	1.4
Fresh fruits and vegetables.....	1.041	1.9	0.020	0.54	L-Jul.2017	2.0
Fresh fruits.....	0.561	1.7	0.009	0.82	L-Jul.2017	2.3
Apples.....	0.091	4.2	0.004	1.70	L-Sep.2016	4.3
Bananas.....	0.084	-6.1	-0.005	1.03	S-Aug.2010	-6.3
Citrus fruits ⁴	0.167	2.2	0.004	1.54	S-May 2017	0.0
Oranges, including tangerines ⁵		3.8		1.85	S-May 2017	3.8
Other fresh fruits ⁴	0.219	3.2	0.007	1.38	L-Jul.2017	3.9
Fresh vegetables.....	0.480	2.2	0.010	0.85	L-May 2017	3.0
Potatoes.....	0.082	1.0	0.001	2.00	S-Oct.2016	0.5
Lettuce.....	0.062	2.6	0.002	2.05	L-May 2017	7.2
Tomatoes.....	0.080	0.4	0.000	1.83	S-Apr.2017	-3.1
Other fresh vegetables.....	0.255	3.1	0.008	1.15	L-Mar.2016	3.8
Processed fruits and vegetables ⁴	0.289	-1.1	-0.003	0.68	L-Mar.2017	-0.2
Canned fruits and vegetables ⁴	0.150	-1.9	-0.003	0.84	L-Mar.2017	-0.6
Canned fruits ^{4, 5}		-0.8		1.16	L-Jun.2017	-0.4
Canned vegetables ^{4, 5}		-2.1		0.98	L-Mar.2017	-1.4
Frozen fruits and vegetables ⁴	0.086	0.6	0.000	1.49	L-Jun.2017	0.9
Frozen vegetables ⁵		0.4		1.38	S-Jul.2017	0.1
Other processed fruits and vegetables including dried ⁴	0.052	-1.7	-0.001	1.57	L-Mar.2017	-0.8
Dried beans, peas, and lentils ^{4, 5}		-3.1		1.49	S-Jul.2017	-4.3
Nonalcoholic beverages and beverage materials.....	0.938	0.5	0.005	0.44	L-Jun.2017	0.8
Juices and nonalcoholic drinks ⁴	0.662	0.9	0.006	0.56	L-May 2017	1.1
Carbonated drinks.....	0.265	1.2	0.003	0.93	L-May 2017	1.6
Frozen noncarbonated juices and drinks ⁴	0.011	1.6	0.000	0.92	S-Jun.2017	1.4
Nonfrozen noncarbonated juices and drinks ⁴	0.385	0.6	0.002	0.76	L-Jun.2017	0.8
Beverage materials including coffee and tea ⁴	0.276	-0.3	-0.001	0.72	L-Jul.2017	0.4
Coffee.....	0.173	0.3	0.001	0.88	L-Jul.2017	0.3
Roasted coffee ⁵		-0.3		1.37	L-Jul.2017	0.8
Instant coffee ⁵		-1.0		1.26	L-Jul.2017	0.9
Other beverage materials including tea ⁴	0.103	-1.4	-0.002	0.97	—	—
Other food at home.....	1.968	0.4	0.007	0.29	L-May 2016	0.5
Sugar and sweets.....	0.287	-0.2	-0.001	0.74	S-May 2017	-0.5
Sugar and artificial sweeteners.....	0.050	1.1	0.001	1.13	L-Jul.2017	1.1
Candy and chewing gum ⁴	0.182	-1.4	-0.003	1.01	S-Jul.2014	-1.7
Other sweets ⁴	0.055	3.1	0.002	1.32	L-Jul.2012	4.8
Fats and oils.....	0.234	1.3	0.003	0.69	—	—
Butter and margarine ⁴	0.070	2.4	0.002	1.16	S-Jun.2017	1.4
Butter ⁵		3.9		1.76	S-Jul.2017	3.7
Margarine ⁵		2.4		1.89	L-Jul.2017	2.4
Salad dressing ⁴	0.056	-0.6	0.000	1.60	S-Apr.2017	-2.8
Other fats and oils including peanut butter ⁴	0.108	1.5	0.002	0.73	L-Jul.2017	2.1
Peanut butter ^{4, 5}		0.8		1.24	L-Jul.2017	2.2
Other foods.....	1.448	0.3	0.004	0.35	L-Jan.2017	0.3

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016-Sep. 2017	Unadjusted effect on All Items Sep. 2016-Sep. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Soups.....	0.094	3.5	0.003	1.35	L-Jan.2017	4.1
Frozen and freeze dried prepared foods.....	0.253	-1.2	-0.003	0.74	—	—
Snacks.....	0.329	-0.1	0.000	0.73	L-Apr.2017	0.2
Spices, seasonings, condiments, sauces.....	0.284	0.8	0.002	0.86	S-Jul.2017	-0.2
Salt and other seasonings and spices ^{4, 5}		0.5		1.54	S-Apr.2017	-1.0
Olives, pickles, relishes ^{4, 5}		-1.8		1.96	S-Jul.2017	-4.2
Sauces and gravies ^{4, 5}		0.7		1.25	S-Jul.2017	-0.7
Other condiments ⁵		1.5		1.49	L-May 2017	1.9
Baby food ⁴	0.055	1.8	0.001	1.36	—	—
Other miscellaneous foods ⁴	0.433	0.3	0.002	0.54	L-May 2017	0.4
Prepared salads ^{6, 5}		2.5		1.20	S-Jun.2017	0.3
Food away from home.....	5.797	2.4	0.137	0.12	L-Mar.2017	2.4
Full service meals and snacks ⁴	2.809	2.2	0.062	0.15	—	—
Limited service meals and snacks ⁴	2.466	2.6	0.064	0.19	L-Oct.2016	2.6
Food at employee sites and schools ⁴	0.196	2.4	0.005	1.39	L-May 2017	2.4
Food at elementary and secondary schools ^{7, 5}		1.6		2.33	L-May 2017	1.8
Food from vending machines and mobile vendors ⁴	0.082	2.1	0.002	0.95	S-Jun.2017	2.1
Other food away from home ⁴	0.245	1.6	0.004	0.39	L-May 2016	1.8
Energy.....	7.372	10.1	0.723	0.13	L-Mar.2017	10.9
Energy commodities.....	3.598	18.9	0.642	0.15	L-Mar.2017	19.8
Fuel oil and other fuels.....	0.183	13.3	0.023	0.98	L-Apr.2017	16.4
Fuel oil.....	0.097	15.6	0.014	0.51	L-Apr.2017	22.1
Propane, kerosene, and firewood ⁸	0.086	10.6	0.009	2.24	L-Mar.2014	18.2
Motor fuel.....	3.415	19.2	0.619	0.15	L-Mar.2017	19.9
Gasoline (all types).....	3.365	19.3	0.612	0.15	L-Mar.2017	19.9
Gasoline, unleaded regular ⁵		19.8		0.96	L-Mar.2017	20.2
Gasoline, unleaded midgrade ^{9, 5}		16.4		1.21	L-Mar.2017	18.0
Gasoline, unleaded premium ⁵		16.6		1.12	L-Mar.2017	18.3
Other motor fuels ⁴	0.050	15.4	0.007	0.30	L-Apr.2017	20.3
Energy services ¹⁰	3.774	2.2	0.081	0.20	S-Dec.2016	2.2
Electricity ¹⁰	2.963	1.7	0.051	0.24	S-Mar.2017	1.6
Utility (piped) gas service ¹⁰	0.811	3.8	0.030	0.21	S-Sep.2016	2.9
All items less food and energy.....	78.985	1.7	1.339	0.07	—	—
Commodities less food and energy commodities.....	18.813	-1.0	-0.193	0.19	S-Aug.2004	-1.1
Household furnishings and supplies ¹¹	3.091	-1.9	-0.060	0.34	S-Dec.2016	-2.2
Window and floor coverings and other linens ⁴	0.244	-3.3	-0.009	1.21	L-May 2017	-3.0
Floor coverings ⁴	0.057	-3.1	-0.002	1.53	S-Jan.2014	-3.4
Window coverings ⁴	0.050	-1.9	-0.001	2.25	L-Apr.2017	-0.3
Other linens ⁴	0.137	-3.8	-0.006	1.81	L-Apr.2017	-1.6
Furniture and bedding.....	0.744	0.4	0.003	0.90	S-Jul.2017	-0.8
Bedroom furniture.....	0.266	1.4	0.004	1.57	—	—
Living room, kitchen, and dining room furniture ⁴	0.351	-0.2	-0.001	1.13	S-May 2017	-1.0
Other furniture ⁴	0.122	-0.2	0.000	1.61	L-Jun.2017	0.4
Infants' furniture ^{7, 5}				1.80	—	—
Appliances ⁴	0.177	-1.5	-0.003	1.08	L-Mar.2013	-1.2
Major appliances ⁴	0.053	-4.3	-0.002	1.27	S-Jul.2017	-5.2
Laundry equipment ⁵		-4.3		1.51	S-Jul.2017	-5.7
Other appliances ⁴	0.122	-0.2	0.000	1.64	L-May 2015	-0.1
Other household equipment and furnishings ⁴	0.425	-7.4	-0.034	0.90	S-Sep.2003	-8.0
Clocks, lamps, and decorator items.....	0.207	-13.1	-0.031	1.50	S-EVER	—
Indoor plants and flowers ¹²	0.100	0.5	0.000	1.34	S-Feb.2017	-0.6
Dishes and flatware ⁴	0.051	-2.5	-0.001	2.13	S-Jun.2017	-2.9
Nonelectric cookware and tableware ⁴	0.068	-2.9	-0.002	1.41	S-Jun.2017	-2.9

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016- Sep. 2017	Unadjusted effect on All Items Sep. 2016- Sep. 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	0.658	-1.3	-0.009	0.52	S-Oct.2016	-1.5
Tools, hardware and supplies ⁴	0.176	-0.3	-0.001	0.93	S-Jul.2017	-0.4
Outdoor equipment and supplies ⁴	0.327	-1.8	-0.006	0.66	S-Sep.2014	-2.3
Housekeeping supplies.....	0.843	-1.0	-0.009	0.43	S-Mar.2017	-1.1
Household cleaning products ⁴	0.330	-1.8	-0.006	0.58	S-Jul.2017	-2.0
Household paper products ⁴	0.230	-0.5	-0.001	0.91	S-Mar.2017	-1.0
Miscellaneous household products ⁴	0.283	-0.5	-0.001	0.85	S-Jun.2017	-0.8
Apparel.....	3.020	-0.2	-0.007	0.84	L-Apr.2017	0.5
Men's and boys' apparel.....	0.750	-1.6	-0.013	1.63	L-Mar.2017	0.3
Men's apparel.....	0.596	-2.2	-0.014	1.46	L-Jun.2017	-1.5
Men's suits, sport coats, and outerwear.....	0.094	-4.1	-0.004	4.01	L-Jun.2017	-3.2
Men's furnishings.....	0.190	-1.8	-0.004	2.73	L-Apr.2017	-0.2
Men's shirts and sweaters ⁴	0.167	-3.0	-0.005	2.24	S-Apr.2017	-3.4
Men's pants and shorts.....	0.139	-0.2	0.000	2.42	L-Jul.2017	-0.2
Boys' apparel.....	0.154	0.7	0.001	4.33	S-Jul.2017	-5.8
Women's and girls' apparel.....	1.222	-0.3	-0.003	1.43	S-Jun.2017	-1.2
Women's apparel.....	1.022	-0.4	-0.005	1.41	S-Jul.2017	-0.6
Women's outerwear.....	0.070	2.5	0.002	5.83	L-Jul.2016	5.5
Women's dresses.....	0.146	0.6	0.001	4.76	S-May 2017	-0.6
Women's suits and separates ⁴	0.456	-1.4	-0.007	1.51	S-Jul.2017	-2.2
Women's underwear, nightwear, sportswear and accessories ⁴	0.340	-0.2	-0.001	2.77	S-Jul.2017	-1.0
Girls' apparel.....	0.200	0.5	0.001	3.55	S-Jun.2017	-0.5
Footwear.....	0.674	-0.8	-0.006	1.27	—	—
Men's footwear.....	0.211	-0.3	-0.001	2.48	S-Mar.2017	-0.3
Boys' and girls' footwear.....	0.165	1.5	0.003	2.83	L-Jun.2017	1.5
Women's footwear.....	0.299	-2.5	-0.008	1.71	S-Jul.2014	-3.4
Infants' and toddlers' apparel.....	0.145	4.7	0.007	2.64	L-Nov.2015	4.9
Jewelry and watches ⁸	0.230	3.5	0.008	4.61	L-Apr.2017	6.9
Watches ⁸	0.086	6.1	0.005	3.45	—	—
Jewelry ⁸	0.144	2.0	0.003	7.24	L-Apr.2017	6.5
Transportation commodities less motor fuel ¹¹	6.029	-1.8	-0.114	0.15	S-EVER	—
New vehicles.....	3.578	-1.0	-0.037	0.24	S-Feb.2009	-1.5
New cars and trucks ^{4, 5}		-1.0		0.36	S-Feb.2009	-1.6
New cars ⁵		-1.7		0.42	S-Dec.2003	-2.1
New trucks ^{13, 5}		-0.4		0.40	S-Apr.2009	-0.9
Used cars and trucks.....	1.980	-3.7	-0.077	0.09	L-Jan.2017	-3.7
Motor vehicle parts and equipment.....	0.379	0.3	0.001	0.51	L-Jul.2017	0.5
Tires.....	0.225	-0.5	-0.001	0.71	L-Jul.2017	-0.2
Vehicle accessories other than tires ⁴	0.154	1.6	0.002	0.62	L-May 2015	1.9
Vehicle parts and equipment other than tires ⁵		1.7		0.76	L-May 2015	2.1
Motor oil, coolant, and fluids ⁵		1.9		1.12	S-May 2017	1.1
Medical care commodities.....	1.868	1.0	0.019	0.67	S-Jan.2014	0.8
Medicinal drugs ¹¹	1.810	1.0	0.018	0.70	S-Jan.2014	0.9
Prescription drugs ¹⁰	1.451	1.4	0.020	0.86	S-Jan.2014	1.4
Nonprescription drugs ¹¹	0.358	-0.6	-0.002	0.88	S-Dec.2016	-0.6
Medical equipment and supplies ¹¹	0.059	0.7	0.000	1.06	L-Apr.2017	1.3
Recreation commodities ¹¹	1.726	-3.0	-0.054	0.44	L-Jul.2017	-2.9
Video and audio products ¹¹	0.207	-5.5	-0.012	1.09	L-Apr.2014	-4.9
Televisions.....	0.098	-8.4	-0.009	1.79	L-Jun.2000	-7.8
Other video equipment ⁴	0.024	-5.0	-0.001	1.69	S-Feb.2016	-5.4
Audio equipment.....	0.053	-6.1	-0.004	1.53	L-Apr.2017	-4.8
Recorded music and music subscriptions ⁴	0.024	6.4	0.001	2.71	S-Jun.2017	5.2
Pets and pet products.....	0.574	-1.2	-0.007	0.66	S-Dec.2015	-1.8

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016- Sep. 2017	Unadjusted effect on All Items Sep. 2016- Sep. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Pet food ^{4, 5}		-1.5		0.71	S-Jun.2017	-1.8
Purchase of pets, pet supplies, accessories ^{4, 5}		-1.0		1.52	S-Dec.2015	-2.4
Sporting goods.....	0.417	-1.7	-0.007	1.01	L-Mar.2017	-1.5
Sports vehicles including bicycles.....	0.218	-2.0	-0.004	1.94	L-Jul.2017	-1.0
Sports equipment.....	0.190	-1.3	-0.003	1.27	L-Aug.2016	-0.8
Photographic equipment and supplies.....	0.039	2.5	0.001	1.92	L-Jun.2017	4.5
Film and photographic supplies ^{4, 5}						
Photographic equipment ^{4, 5}		3.2		1.84	L-Jun.2017	5.6
Recreational reading materials.....	0.147	-0.2	0.000	1.45	L-Jul.2017	1.7
Newspapers and magazines ⁴	0.087	2.3	0.002	1.35	S-Nov.2016	1.1
Recreational books ⁴	0.060	-3.8	-0.002	2.83	L-Jul.2017	-1.3
Other recreational goods ⁴	0.342	-7.5	-0.028	1.01	L-Mar.2017	-7.1
Toys.....	0.271	-9.3	-0.028	1.25	L-Jun.2017	-9.0
Toys, games, hobbies and playground equipment ^{4, 5}		-8.2		1.29	L-Jun.2017	-7.5
Sewing machines, fabric and supplies ⁴	0.024	4.4	0.001	2.11	L-Sep.2012	5.3
Music instruments and accessories ⁴	0.033	0.2	0.000	1.23	L-Jul.2017	0.3
Education and communication commodities ¹¹	0.595	-3.4	-0.021	0.71	S-May 2017	-3.6
Educational books and supplies.....	0.161	-1.6	-0.003	1.24	S-EVER	—
College textbooks ^{14, 5}		-0.9		1.59	S-EVER	—
Information technology commodities ¹¹	0.435	-4.0	-0.018	0.82	S-Jun.2017	-4.3
Personal computers and peripheral equipment ⁶	0.263	-3.6	-0.010	0.96	S-Jun.2017	-4.3
Computer software and accessories ⁴	0.085	-3.9	-0.003	2.42	S-Apr.2017	-9.8
Telephone hardware, calculators, and other consumer information items ⁴	0.086	-5.3	-0.005	1.62	L-Jul.2017	-5.1
Alcoholic beverages.....	0.942	1.3	0.013	0.33	—	—
Alcoholic beverages at home.....	0.576	1.0	0.006	0.47	L-Sep.2016	1.0
Beer, ale, and other malt beverages at home.....	0.266	2.5	0.007	0.56	L-Mar.2012	2.5
Distilled spirits at home.....	0.072	0.0	0.000	0.90	L-Jan.2017	0.3
Whiskey at home ⁵		-1.2		0.95	S-May 2016	-2.2
Distilled spirits, excluding whiskey, at home ⁵		0.6		0.69	S-Jul.2017	0.1
Wine at home.....	0.238	-0.3	-0.001	0.78	L-Jul.2017	-0.3
Alcoholic beverages away from home.....	0.366	1.9	0.007	0.39	S-Aug.2016	1.8
Beer, ale, and other malt beverages away from home ^{4, 5}		2.4		0.61	S-Jul.2017	2.3
Wine away from home ^{4, 5}		0.8		0.55	S-Jan.2016	0.8
Distilled spirits away from home ^{4, 5}		1.8		0.79	S-Jul.2017	1.7
Other goods ¹¹	1.542	2.0	0.031	0.36	—	—
Tobacco and smoking products.....	0.684	6.3	0.041	0.24	—	—
Cigarettes ⁴	0.620	6.3	0.038	0.25	—	—
Tobacco products other than cigarettes ⁴	0.046	4.9	0.002	0.90	S-Jul.2017	3.9
Personal care products.....	0.681	-1.0	-0.007	0.65	L-Jul.2017	-0.8
Hair, dental, shaving, and miscellaneous personal care products ⁴	0.361	-0.7	-0.003	0.84	L-Jul.2017	-0.7
Cosmetics, perfume, bath, nail preparations and implements.....	0.314	-1.3	-0.004	0.99	L-Jul.2017	-0.9
Miscellaneous personal goods ⁴	0.177	-1.4	-0.003	1.36	S-Jun.2017	-2.1
Stationery, stationery supplies, gift wrap ⁵		0.4		1.36	S-Jun.2017	-0.3
Infants' equipment ^{7, 5}		-3.9		2.23	S-May 2017	-4.9
Services less energy services.....	60.172	2.6	1.533	0.07	L-May 2017	2.6
Shelter.....	33.832	3.2	1.081	0.09	S-Jul.2017	3.2
Rent of shelter ¹⁵	33.491	3.3	1.077	0.09	—	—
Rent of primary residence ¹⁰	7.917	3.8	0.294	0.13	S-Jul.2017	3.8
Lodging away from home ⁴	0.942	0.9	0.008	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, September 2017, 12-month analysis table — Continued
[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016- Sep. 2017	Unadjusted effect on All Items Sep. 2016- Sep. 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	2.3	0.003	0.26	S-EVER	—
Other lodging away from home including hotels and motels.....	0.822	0.6	0.005	1.97	L-May 2017	2.2
Owners' equivalent rent of residences ^{10, 15}	24.632	3.2	0.775	0.08	S-Jul.2017	3.2
Owners' equivalent rent of primary residence ^{10, 15}	23.505	3.2	0.742	0.08	S-Jul.2017	3.2
Tenants' and household insurance ⁴	0.341	1.2	0.004	0.60	L-Mar.2016	1.5
Water and sewer and trash collection services ⁴	1.178	3.2	0.037	0.42	—	—
Water and sewerage maintenance ¹⁰	0.894	3.5	0.031	0.55	S-May 2017	3.5
Garbage and trash collection ¹³	0.284	2.1	0.006	0.26	—	—
Household operations ⁴	0.855	2.7	0.023	1.96	—	—
Domestic services ⁴	0.284	2.8	0.008	0.35	S-Apr.2017	1.9
Gardening and lawn care services ⁴	0.280	2.8	0.008	0.50	—	—
Moving, storage, freight expense ⁴	0.116	-0.7	-0.001	12.29	L-May 2017	2.1
Repair of household items ⁴	0.091	6.9	0.006	0.91	L-Jul.2017	7.2
Medical care services.....	6.662	1.7	0.115	0.31	L-Jul.2017	2.3
Professional services.....	3.101	0.2	0.007	0.40	—	—
Physicians' services ¹⁰	1.658	-0.8	-0.013	0.70	—	—
Dental services ¹⁰	0.813	1.5	0.013	0.45	S-May 2017	1.4
Eyeglasses and eye care ⁸	0.317	0.3	0.001	0.81	S-Jul.2017	-1.3
Services by other medical professionals ^{10, 8}	0.313	2.3	0.007	0.68	L-Jun.2017	2.5
Hospital and related services.....	2.559	4.3	0.107	0.34	L-Jul.2017	5.3
Hospital services ^{10, 16}	2.290	4.6	0.102	0.40	L-Jul.2017	5.7
Inpatient hospital services ^{10, 16, 5}		3.9		0.80	—	—
Outpatient hospital services ^{10, 8, 5}		4.5		1.07	—	—
Nursing homes and adult day services ^{10, 16}	0.195	2.7	0.005	0.39	—	—
Care of invalids and elderly at home ⁷	0.074	-1.2	-0.001	0.66	S-EVER	—
Health insurance ⁷	1.001	0.1	0.001	0.36	S-Mar.2015	-0.4
Transportation services.....	5.957	3.9	0.227	0.28	L-Jul.2010	3.9
Leased cars and trucks ¹⁴	0.541	1.1	0.006	1.21	L-Aug.2016	1.8
Car and truck rental ⁴	0.114	-1.2	-0.001	3.47	S-May 2017	-6.9
Motor vehicle maintenance and repair.....	1.156	2.5	0.029	0.41	L-Feb.2017	2.5
Motor vehicle body work.....	0.057	3.1	0.002	0.58	L-Nov.2016	3.4
Motor vehicle maintenance and servicing.....	0.672	2.9	0.019	0.63	L-Oct.2009	3.0
Motor vehicle repair ⁴	0.385	1.8	0.007	0.51	L-May 2017	1.9
Motor vehicle insurance.....	2.565	8.2	0.198	0.49	L-Jun.2003	8.9
Motor vehicle fees ⁴	0.526	1.3	0.007	0.48	S-Oct.2016	1.1
State motor vehicle registration and license fees ^{10, 4}	0.281	1.3	0.004	0.76	S-Dec.2016	1.3
Parking and other fees ⁴	0.234	1.3	0.003	0.44	S-Jul.2017	1.2
Parking fees and tolls ^{4, 5}		2.8		0.68	S-Jul.2017	2.8
Automobile service clubs ^{4, 5}						
Public transportation.....	1.056	-1.1	-0.012	0.66	L-Apr.2017	0.4
Airline fares.....	0.600	-3.1	-0.020	0.98	L-Jul.2017	-2.5
Other intercity transportation.....	0.175	0.5	0.001	1.76	L-Jul.2017	0.6
Intercity bus fare ^{6, 5}				1.86	—	—
Intercity train fare ^{6, 5}		1.1		1.38	S-Jul.2016	-1.6
Ship fare ^{4, 5}		-1.3		3.01	L-May 2017	-1.2
Intracity transportation.....	0.277	2.5	0.007	0.33	L-Dec.2015	2.5
Intracity mass transit ^{11, 5}		2.5		0.87	L-Mar.2016	2.9
Recreation services ¹¹	3.954	3.8	0.148	0.33	—	—
Video and audio services ¹¹	1.683	6.1	0.099	0.36	L-EVER	—
Cable and satellite television service ¹³	1.584	6.8	0.103	0.34	L-Dec.2002	7.3

See footnotes at end of table.

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

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016-Sep. 2017	Unadjusted effect on All Items Sep. 2016-Sep. 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	0.099	-3.4	-0.004	2.22	L-Apr.2017	-2.0
Video discs and other media ^{4, 5}		-4.7		3.50	L-Apr.2017	-4.7
Rental of video discs and other media ^{4, 5}		1.1		0.82	S-Jul.2017	0.5
Pet services including veterinary ⁴	0.370	2.1	0.008	0.50	L-Apr.2017	2.1
Pet services ^{4, 5}		1.5		0.67	L-Jan.2017	1.7
Veterinarian services ^{4, 5}		2.2		0.84	S-Jul.2017	2.1
Photographers and film processing ⁴	0.048	-1.0	0.000	0.81	L-Jul.2017	-1.0
Photographer fees ^{4, 5}		-1.0		0.82	L-Dec.2016	-1.0
Film processing ^{4, 5}		-1.5		1.62	L-Apr.2017	0.1
Other recreation services ⁴	1.852	2.2	0.041	0.56	S-Jun.2017	1.6
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ⁴	0.649	2.4	0.015	0.74	S-Jul.2017	2.4
Admissions.....	0.651	1.6	0.010	1.22	S-Jun.2017	1.0
Admission to movies, theaters, and concerts ^{4, 5}		2.7		1.19	S-Jun.2017	1.5
Admission to sporting events ^{4, 5}		-2.0		3.44	S-Jul.2011	-2.0
Fees for lessons or instructions ⁸	0.224	3.3	0.007	0.67	S-Mar.2017	3.2
Education and communication services ¹¹	6.106	-2.0	-0.129	0.21	L-Feb.2017	-0.1
Tuition, other school fees, and childcare.....	3.025	2.3	0.070	0.17	L-Jul.2017	2.3
College tuition and fees.....	1.789	2.1	0.038	0.19	L-Jan.2017	2.1
Elementary and high school tuition and fees.....	0.317	3.9	0.012	0.31	L-Apr.2016	3.9
Child care and nursery school ¹²	0.744	2.2	0.016	0.34	—	—
Technical and business school tuition and fees ⁴	0.042	3.4	0.001	0.33	S-Jul.2017	2.7
Postage and delivery services ⁴	0.138	3.2	0.004	0.50	—	—
Postage.....	0.131	3.1	0.004	0.53	—	—
Delivery services ⁴	0.007	5.2	0.000	0.83	L-Nov.2012	5.4
Telephone services ⁴	2.242	-7.7	-0.191	0.32	L-Feb.2017	-3.0
Wireless telephone services ⁴	1.518	-11.7	-0.205	0.43	L-Mar.2017	-11.4
Land-line telephone services ¹¹	0.724	1.9	0.013	0.55	L-Feb.2016	2.2
Internet services and electronic information providers ⁴	0.691	-1.7	-0.012	1.02	S-Mar.2017	-1.7
Other personal services ¹¹	1.628	2.0	0.032	0.33	S-May 2015	1.9
Personal care services.....	0.608	1.9	0.011	0.35	S-Jul.2017	1.9
Haircuts and other personal care services ⁴	0.608	1.9	0.011	0.35	S-Jul.2017	1.9
Miscellaneous personal services.....	1.020	2.1	0.021	0.47	S-Apr.2015	2.0
Legal services ⁸	0.245	1.4	0.003	0.81	S-Jul.2015	1.3
Funeral expenses ⁸	0.144	1.9	0.003	0.49	S-Jul.2017	1.9
Laundry and dry cleaning services ⁴	0.268	2.5	0.007	0.54	S-Feb.2017	2.4
Apparel services other than laundry and dry cleaning ⁴	0.026	0.8	0.000	0.44	S-May 2017	0.8
Financial services ⁸	0.237	2.6	0.006	1.55	S-Jun.2017	2.6
Checking account and other bank services ^{4, 5}		0.3		2.77	S-Apr.2016	0.3
Tax return preparation and other accounting fees ^{4, 5}		4.6		1.45	S-Jun.2017	4.3
Special aggregate indexes						
All items less food.....	86.357	2.4	2.063	0.07	L-Apr.2017	2.5
All items less shelter.....	66.168	1.7	1.152	0.08	L-Mar.2017	1.8
All items less food and shelter.....	52.525	1.9	0.982	0.10	L-Apr.2017	1.9
All items less food, shelter, and energy.....	45.153	0.6	0.258	0.11	L-Jul.2017	0.6
All items less food, shelter, energy, and used cars and trucks.....	43.173	0.8	0.336	0.12	L-Jul.2017	0.8
All items less medical care.....	91.470	2.3	2.100	0.06	L-Mar.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, September 2017, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	Twelve Month				
		Unadjusted percent change Sep. 2016- Sep. 2017	Unadjusted effect on All Items Sep. 2016- Sep. 2017 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items less energy.....	92.628	1.6	1.510	0.06	—	—
Commodities.....	36.054	1.7	0.619	0.11	L-Feb.2017	2.0
Commodities less food, energy, and used cars and trucks.....	16.833	-0.7	-0.116	0.21	S-Dec.2010	-0.8
Commodities less food.....	22.411	2.0	0.449	0.16	L-Mar.2017	2.1
Commodities less food and beverages.....	21.469	2.0	0.436	0.16	L-Mar.2017	2.2
Services.....	63.946	2.5	1.614	0.07	—	—
Services less rent of shelter ¹⁵	30.455	1.8	0.537	0.12	L-Jul.2017	1.8
Services less medical care services.....	57.285	2.6	1.499	0.07	—	—
Durables.....	9.060	-2.1	-0.196	0.15	S-Apr.2017	-2.1
Nondurables.....	26.994	3.0	0.815	0.13	L-Feb.2017	3.4
Nondurables less food.....	13.351	4.8	0.645	0.24	L-Mar.2017	5.2
Nondurables less food and beverages.....	12.409	5.1	0.632	0.26	L-Mar.2017	5.5
Nondurables less food, beverages, and apparel.....	9.388	6.9	0.639	0.17	L-Mar.2017	7.3
Nondurables less food and apparel.....	10.330	6.4	0.652	0.16	L-Mar.2017	6.7
Housing.....	42.913	2.8	1.185	0.08	S-Jul.2017	2.8
Education and communication ⁴	6.701	-2.1	-0.150	0.19	L-Feb.2017	-0.3
Education ⁴	3.185	2.1	0.068	0.16	—	—
Communication ⁴	3.516	-5.7	-0.218	0.32	L-Feb.2017	-2.7
Information and information processing ⁴	3.378	-6.1	-0.222	0.33	L-Feb.2017	-2.9
Information technology, hardware and services ¹⁷	1.136	-2.6	-0.031	0.69	S-Apr.2017	-2.8
Recreation ⁴	5.679	1.6	0.094	0.25	L-Mar.2009	1.7
Video and audio ⁴	1.890	4.8	0.087	0.33	L-EVER	—
Pets, pet products and services ⁴	0.944	0.1	0.001	0.43	S-Jun.2017	0.1
Photography ⁴	0.087	0.5	0.000	0.99	L-Jun.2017	1.2
Food and beverages.....	14.585	1.2	0.183	0.09	L-Nov.2015	1.2
Domestically produced farm food.....	6.561	0.5	0.034	0.16	L-Nov.2015	0.5
Other services.....	11.688	0.4	0.051	0.17	L-Mar.2017	0.4
Apparel less footwear.....	2.346	0.0	-0.001	1.01	L-Apr.2017	0.4
Fuels and utilities.....	5.135	2.8	0.141	0.16	S-Dec.2016	2.7
Household energy.....	3.957	2.7	0.104	0.20	S-Dec.2016	2.5
Medical care.....	8.530	1.6	0.133	0.29	S-Jan.1965	1.6
Transportation.....	15.401	4.8	0.732	0.13	L-Feb.2017	6.3
Private transportation.....	14.345	5.2	0.743	0.13	L-Feb.2017	6.8
New and used motor vehicles ⁴	6.304	-1.7	-0.111	0.19	S-Jul.2017	-1.7
Utilities and public transportation.....	9.834	0.2	0.017	0.16	L-Jul.2017	0.2
Household furnishings and operations.....	3.946	-0.9	-0.037	0.47	S-Jul.2017	-0.9
Other goods and services.....	3.170	2.0	0.064	0.26	S-Mar.2017	1.8
Personal care.....	2.486	0.9	0.022	0.32	S-Sep.2011	0.9

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

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

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

⁴ Indexes on a December 1997=100 base.

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

⁶ Indexes on a December 2007=100 base.

⁷ Indexes on a December 2005=100 base.

⁸ Indexes on a December 1986=100 base.

⁹ Indexes on a December 1993=100 base.

¹⁰ 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.