

NEWS RELEASE

BUREAU OF LABOR STATISTICS
U. S. D E P A R T M E N T O F L A B O R



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(Note: The indexes for Prescription drugs were incorrect as published for May 2016 through August 2016, which affected the U.S. All items index. Incorrect prices were used in the calculation of indexes in several local areas. A list of the series affected by the errors can be found at www.bls.gov/bls/errata/cpi-price-corrections-10182016.htm and the corrected data are available in the CPI database.)

CONSUMER PRICE INDEX – AUGUST 2016

The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.2 percent in August on a seasonally adjusted basis, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index rose 1.1 percent before seasonal adjustment.

The seasonally adjusted increase in the all items index was caused by a rise in the index for all items less food and energy. It increased 0.3 percent in August, as the indexes for shelter and medical care advanced.

The energy and food indexes were both unchanged in August. Major energy component indexes were mixed, with increases in the indexes for natural gas and electricity offsetting declines in the gasoline and fuel oil indexes. The food at home index declined for the fourth month in a row, offsetting an increase in the index for food away from home.

The 0.3-percent increase in the index for all items less food and energy was the largest rise since February 2016. Along with shelter and medical care, the indexes for motor vehicle insurance, apparel, communication, and tobacco all increased. In contrast, the indexes for used cars and trucks, household furnishings and operations, recreation, and airline fares all declined in August.

The all items index rose 1.1 percent for the 12 months ending August, a larger increase than the 0.8-percent rise for the 12 months ending July. The index for all items less food and energy rose 2.3 percent for the 12 months ending August. The food index was unchanged over the last year, while the energy index declined 9.2 percent.

Chart 1. One-month percent change in CPI for All Urban Consumers (CPI-U), seasonally adjusted, Aug. 2015 - Aug. 2016
Percent change

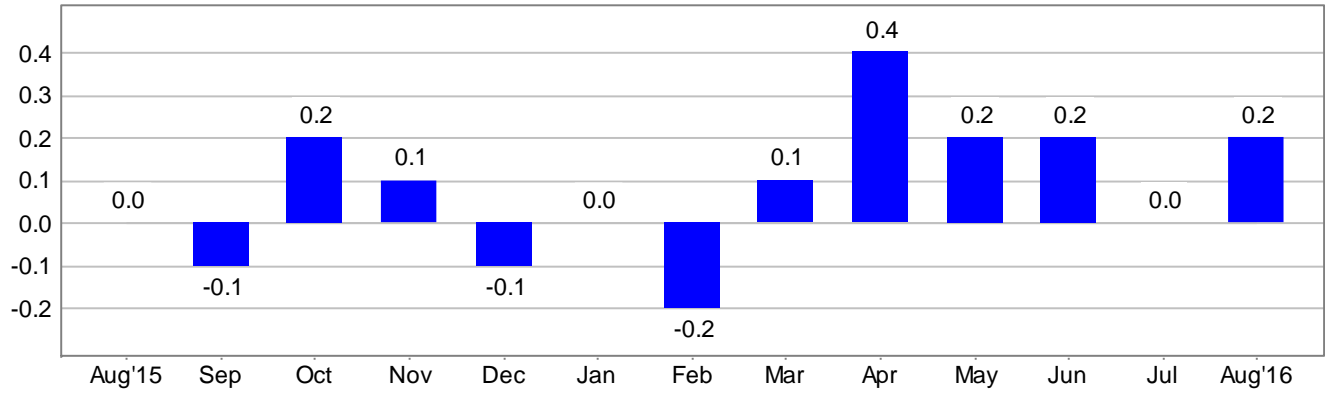


Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, Aug. 2015 - Aug. 2016
Percent change

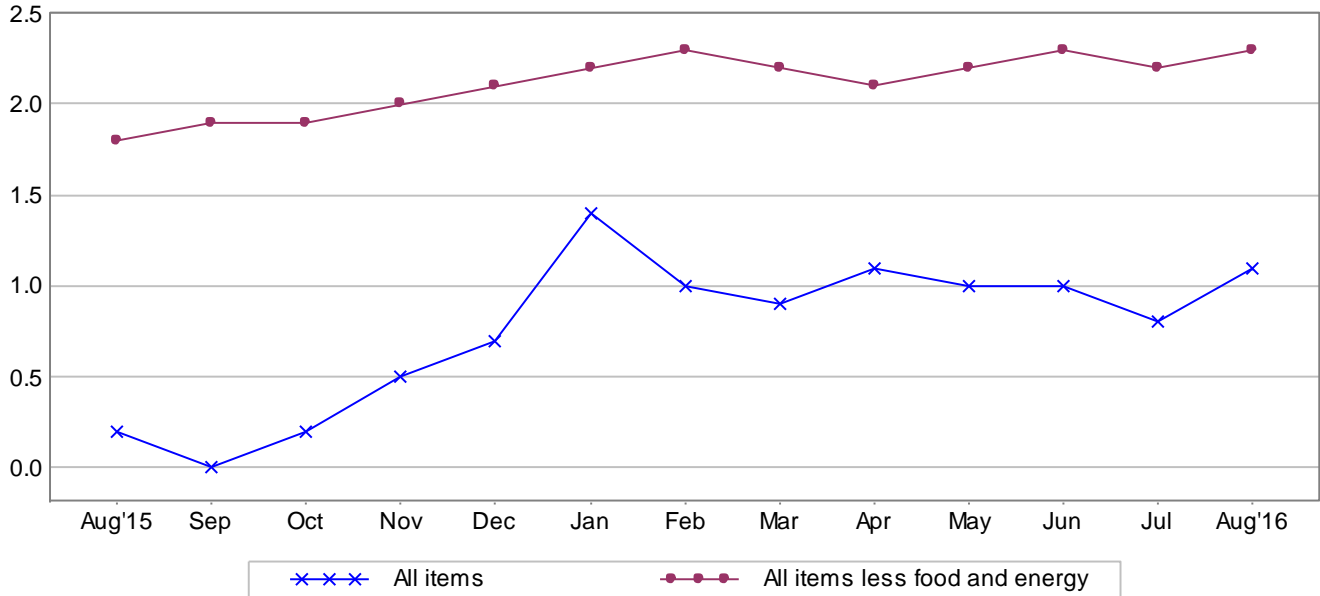


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un- adjusted 12-mos. ended Aug. 2016
	Feb. 2016	Mar. 2016	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016	
All items	-.2	.1	.4	.2	.2	.0	.2	1.1
Food .....	.2	-.2	.2	-.2	-.1	.0	.0	.0
Food at home .....	.2	-.5	.1	-.5	-.3	-.2	-.2	-1.9
Food away from home ¹ .....	.1	.2	.2	.2	.2	.2	.2	2.8
Energy	-6.0	.9	3.4	1.2	1.3	-1.6	.0	-9.2
Energy commodities	-12.5	1.9	7.8	2.4	3.3	-4.4	-.9	-17.3
Gasoline (all types)	-13.0	2.2	8.1	2.3	3.3	-4.7	-.9	-17.8
Fuel oil ¹	-2.9	1.7	1.9	6.2	3.3	-1.3	-2.5	-12.8
Energy services .....	.1	.2	-.1	.2	-.5	1.0	.8	-.4
Electricity	-.2	.4	-.3	-.2	-.5	.5	.5	-.7
Utility (piped) gas service	1.0	-.7	.6	1.7	-.4	3.1	2.1	1.1
All items less food and energy .....	.3	.1	.2	.2	.2	.1	.3	2.3
Commodities less food and energy commodities .....	.3	-.2	-.1	-.2	-.2	-.1	.1	-.5
New vehicles .....	.2	.0	-.3	-.1	-.2	.2	.0	.0
Used cars and trucks .....	.2	-.1	-.3	-1.3	-1.1	-1.0	-.6	-4.0
Apparel	1.6	-1.1	-.3	.8	-.4	.0	.2	.3
Medical care commodities .....	.6	.3	.5	-.2	1.1	.4	1.1	4.5
Services less energy services .....	.3	.2	.3	.3	.3	.2	.3	3.2
Shelter .....	.3	.2	.3	.4	.3	.2	.3	3.4
Transportation services .....	.2	.2	.7	.3	.3	-.2	.1	3.1
Medical care services .....	.5	.1	.3	.5	.2	.5	.9	5.1

¹ Not seasonally adjusted.

Food

The food index was unchanged in August, as it was in July. The index for food at home continued to decline, falling 0.2 percent as none of the six major grocery store food group indexes increased. The index for meats, poultry, fish, and eggs fell 0.4 percent in August, its twelfth decline in a row. The index for other food at home fell 0.2 percent, the same decline as last month, and the index for nonalcoholic beverages decreased 0.1 percent. The remaining major grocery store food group indexes were all unchanged in August.

The food index was unchanged over the past 12 months; this was the first time it did not rise over a 12 month period since the 12 months ending February 2010. The food at home index fell 1.9 percent over the past 12 months. The fruits and vegetables index rose 0.3 percent over the span, while the five other major grocery store food group indexes declined. The index for meats, poultry, fish, and eggs posted the largest decline, falling 6.5 percent. The index for food away from home continued to rise in August, increasing 0.2 percent. It has increased 2.8 percent over the past 12 months.

Energy

The energy index, which declined in July after four consecutive increases, was unchanged in August. The gasoline index, which fell 4.7 percent in July, declined 0.9 percent in August. (Before seasonal adjustment, gasoline prices decreased 3.0 percent in August.) The fuel oil index also declined in August, falling 2.5 percent. In contrast to these declines, the index for natural gas continued to increase in August, rising 2.1 percent after a 3.1-percent increase in July. The electricity index advanced 0.5 percent in August, the same increase as in July.

The energy index has declined 9.2 percent over the past year. The gasoline index has declined 17.8 percent over that span, and the index for fuel oil has decreased 12.8 percent. Despite recent increases, the electricity index has also declined over the past 12 months, falling 0.7 percent. The index for natural gas is the only major energy component index to rise over the past year, increasing 1.1 percent.

All items less food and energy

The index for all items less food and energy increased 0.3 percent in August, following a 0.1-percent increase in July. The shelter index continued to rise, increasing 0.3 percent after a 0.2-percent advance the prior month. The indexes for rent and owners' equivalent rent both rose 0.3 percent in August, as they did in July. The index for lodging away from home turned up in August, increasing 2.0 percent after a 2.4-percent decline the prior month. The medical care index rose sharply in August, increasing 1.0 percent. The hospital services index rose 1.7 percent, and the index for prescription drugs advanced 1.3 percent. The index for motor vehicle insurance continued to rise in August, increasing 0.5 percent. The apparel index increased 0.2 percent, and the index for tobacco rose 0.7 percent after falling in July.

In contrast to these increases, the index for used cars and trucks continued to decline, falling 0.6 percent in August, its sixth consecutive decrease. The indexes for household furnishings and operations, for recreation, and for airline fares all fell slightly in August, each decreasing 0.1 percent. The indexes for new vehicles and for alcoholic beverages were unchanged in August.

The index for all items less food and energy increased 2.3 percent over the past 12 months. Indexes increasing more rapidly include motor vehicle insurance (6.5 percent), medical care (4.9 percent), and shelter (3.4 percent). Among the indexes rising more slowly are alcoholic beverages (1.1 percent), recreation (0.9 percent), and apparel (0.3 percent). Indexes declining over the past 12 months include used cars and trucks (-4.0 percent), airline fares (-3.5 percent), and household furnishings and operations (-0.9 percent).

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 1.1 percent over the last 12 months to an index level of 240.853 (1982-84=100). For the month, the index increased 0.1 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 0.7 percent over the last 12 months to an index level of 234.909 (1982-84=100). For the month, the index increased 0.1 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 0.8 percent over the last 12 months. For the month, the index was unchanged on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

The Consumer Price Index for September 2016 is scheduled to be released on Tuesday, October 18, 2016, at 8:30 a.m. (EDT).

Facilities for Sensory Impaired

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

Brief Explanation of the CPI

The Consumer Price Index (CPI) is a measure of the average change in prices over time of goods and services purchased by households. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) the CPI for Urban Wage Earners and Clerical Workers (CPI-W), which covers households of wage earners and clerical workers that comprise approximately 28 percent of the total population and (2) the CPI for All Urban Consumers (CPI-U) and the Chained CPI for All Urban Consumers (C-CPI-U), which covers approximately 89 percent of the total population and includes, in addition to wage earners and clerical worker households, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPIs are based on prices of food, clothing, shelter, fuels, transportation fares, charges for 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 of the Bureau's trained representatives.

In calculating the index, price changes for the various items in each location are averaged together with 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 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. It is important to note that the CPI-U and CPI-W are considered final when released, but the C-CPI-U is issued in preliminary form and subject to two annual revisions.

The index measures price change from a designed reference date. For 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 16.5 percent from the reference base, for example, is shown as 116.500. This change can also be expressed in dollars as follows: the price of a base period market basket of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65.

For further details visit the CPI home page on the Internet at www.bls.gov/cpi/ or contact our CPI Information and Analysis Section on (202) 691-7000.

Note on Sampling Error in the Consumer Price Index

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 0.04 percent for the U.S. All Items Consumer Price Index. 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% of these estimates would be within 0.08 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 for All Urban Consumers, we are 95 percent confident that the actual percent change based on all retail prices would fall between 0.12 and 0.28 percent. For the latest data, including information on how to use the estimates of standard error, see "Variance Estimates for Price Changes in the Consumer Price Index, January-December 2014." These data are available on the CPI home page (www.bls.gov/cpi), or by using the following link: www.bls.gov/cpi/cpivar2014.pdf

Calculating Index Changes

Movements of the indexes from one 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 example below illustrates the computation of index point and percent changes.

Percent changes for 3-month and 6-month periods are expressed as annual rates and are computed according to the standard formula for compound growth rates. These data indicate what the percent change would be if the current rate were maintained for a 12-month period.

Index Point Change

CPI	202.416
Less previous index	201.800
Equals index point change	.616

Percent Change

Index point difference	.616
Divided by the previous index	201.800
Equals	0.003
Results multiplied by one hundred	0.003x100
Equals percent change	0.3

A Note on the Use of Seasonally Adjusted and Unadjusted Data

Introduction

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 five years of seasonally adjusted data. For more information on data revisions and exceptions to the usual revision schedule, please see the Fact Sheet on Seasonal Adjustment (<http://www.bls.gov/cpi/cpisaqanda.htm>) and the Timeline of Seasonal Adjustment Methodological Changes (<http://www.bls.gov/cpi/cpiseastimeline.htm>).

How to Use Seasonally Adjusted and Unadjusted Data

For analyzing short-term price trends in the economy, seasonally adjusted changes are usually preferred since they eliminate the effect of changes that normally occur at the same time and in about the same magnitude every year—such as price movements resulting from changing climatic conditions, 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.

2016 Series Adjusted Using Intervention Analysis Seasonal Adjustment

For the seasonal factors introduced in January 2016, BLS adjusted 37 series using Intervention Analysis Seasonal Adjustment, including selected food and beverage items, motor fuels and natural gas. For example, this procedure was used for the *Motor fuel* series to offset the effects of events such as the response in crude oil markets to the worldwide economic downturn in 2008.

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 five 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 five years of data. Seasonally adjusted indexes beyond the last five years of data are considered to be final and not subject to revision. In

January 2016, revised seasonal factors and seasonally adjusted indexes for 2011-2015 were calculated and published. For directly adjusted series, the seasonal factors for 2015 will be applied to data in 2016 to produce the seasonally adjusted 2016 indexes.

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 five years, but the seasonally adjusted indexes before that period will not be changed. 28 of the 81 components of the *U.S. city average all items* index are not seasonally adjusted for 2016.

Contact Information

For additional information on seasonal adjustment in the CPI, please write to the Bureau of Labor Statistics, Division of Consumer Prices and Price Indexes, Washington, DC 20212 or contact Justin Yarros, Samuel An or Marie Rogers at (202) 691-6968 or by e-mail at Yarros.Justin@bls.gov, An.Samuel@bls.gov or Rogers.Marie@bls.gov. If you have general questions about the CPI, please call our information staff at (202) 691-7000.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015	Jul. 2016	Aug. 2016	Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
All items.....	100.000	238.316	240.647	240.853	1.1	0.1	0.2	0.0	0.2
Food.....	13.756	247.671	247.554	247.719	0.0	0.1	-0.1	0.0	0.0
Food at home.....	7.983	242.746	238.207	238.088	-1.9	0.0	-0.3	-0.2	-0.2
Cereals and bakery products.....	1.080	274.968	273.418	273.104	-0.7	-0.1	0.1	-0.2	0.0
Meats, poultry, fish, and eggs.....	1.783	263.601	246.875	246.547	-6.5	-0.1	-0.7	-0.6	-0.4
Dairy and related products.....	0.808	220.716	214.605	215.506	-2.4	0.4	-0.3	-0.4	0.0
Fruits and vegetables.....	1.343	291.344	291.960	292.156	0.3	0.1	-0.1	0.3	0.0
Nonalcoholic beverages and beverage materials.....	0.956	168.017	166.648	167.044	-0.6	0.2	-0.7	0.3	-0.1
Other food at home.....	2.013	209.892	210.486	209.761	-0.1	-0.3	0.0	-0.2	-0.2
Food away from home ¹	5.772	256.449	263.051	263.649	2.8	0.2	0.2	0.2	0.2
Energy.....	7.158	213.248	195.940	193.524	-9.2	-1.2	1.3	-1.6	0.0
Energy commodities.....	3.430	233.619	198.978	193.119	-17.3	-2.9	3.3	-4.4	-0.9
Fuel oil ¹	0.093	237.580	212.482	207.143	-12.8	-2.5	3.3	-1.3	-2.5
Motor fuel.....	3.255	231.305	196.053	190.209	-17.8	-3.0	3.3	-4.6	-0.9
Gasoline (all types).....	3.207	230.513	195.243	189.375	-17.8	-3.0	3.3	-4.7	-0.9
Energy services ²	3.728	203.246	201.832	202.521	-0.4	0.3	-0.5	1.0	0.8
Electricity ²	2.956	215.786	214.193	214.222	-0.7	0.0	-0.5	0.5	0.5
Utility (piped) gas service ²	0.773	162.885	162.129	164.715	1.1	1.6	-0.4	3.1	2.1
All items less food and energy.....	79.086	242.651	247.768	248.284	2.3	0.2	0.2	0.1	0.3
Commodities less food and energy.....	19.326	145.808	144.883	145.151	-0.5	0.2	-0.2	-0.1	0.1
Apparel.....	3.054	124.547	123.030	124.871	0.3	1.5	-0.4	0.0	0.2
New vehicles.....	3.686	146.704	147.119	146.713	0.0	-0.3	-0.2	0.2	0.0
Used cars and trucks.....	2.108	150.908	145.457	144.858	-4.0	-0.4	-1.1	-1.0	-0.6
Medical care commodities.....	1.841	356.334	368.147	372.393	4.5	1.2	1.1	0.4	1.1
Alcoholic beverages.....	0.949	239.313	242.032	242.009	1.1	0.0	0.1	-0.1	0.0
Tobacco and smoking products.....	0.653	939.082	962.630	969.004	3.2	0.7	0.6	-0.5	0.7
Services less energy services.....	59.761	301.963	311.076	311.749	3.2	0.2	0.3	0.2	0.3
Shelter.....	33.320	280.093	288.780	289.605	3.4	0.3	0.3	0.2	0.3
Rent of primary residence ²	7.748	287.068	296.862	297.916	3.8	0.4	0.4	0.3	0.3
Owners' equivalent rent of residences ^{2, 3}	24.257	287.026	295.554	296.521	3.3	0.3	0.3	0.3	0.3
Medical care services.....	6.637	475.189	495.492	499.217	5.1	0.8	0.2	0.5	0.9
Physicians' services ²	1.696	366.365	380.083	382.156	4.3	0.5	0.3	0.7	0.7
Hospital services ^{2, 4}	2.210	288.181	302.161	305.972	6.2	1.3	0.1	0.4	1.7
Transportation services.....	5.908	289.798	300.823	298.876	3.1	-0.6	0.3	-0.2	0.1
Motor vehicle maintenance and repair ¹	1.160	270.838	276.058	275.923	1.9	0.0	0.1	0.2	0.0
Motor vehicle insurance.....	2.411	461.046	489.064	491.047	6.5	0.4	0.2	0.4	0.5
Airline fare.....	0.669	277.768	283.501	268.040	-3.5	-5.5	1.6	-4.9	-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, August 2016

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
All items.....	100.000	1.1	0.1	0.2	0.0	0.2
Food.....	13.756	0.0	0.1	-0.1	0.0	0.0
Food at home.....	7.983	-1.9	0.0	-0.3	-0.2	-0.2
Cereals and bakery products.....	1.080	-0.7	-0.1	0.1	-0.2	0.0
Cereals and cereal products.....	0.366	-1.6	-1.0	-0.2	0.6	-0.7
Flour and prepared flour mixes.....	0.045	-1.5	-1.3	-1.9	1.8	-1.2
Breakfast cereal ¹	0.187	-2.0	-1.5	0.4	0.6	-1.5
Rice, pasta, cornmeal ¹	0.134	-1.1	-0.3	-0.1	0.3	-0.3
Rice ^{1, 2, 3}		-2.0	-0.3	0.6	-0.7	-0.3
Bakery products ¹	0.713	-0.2	0.4	0.2	-0.3	0.4
Bread ^{1, 2}	0.213	0.2	0.0	0.5	0.0	0.0
White bread ^{1, 3}		0.0	-0.9	0.2	0.2	-0.9
Bread other than white ^{1, 3}		1.0	1.2	1.1	-0.3	1.2
Fresh biscuits, rolls, muffins ²	0.104	-0.4	0.5	0.9	-1.1	0.4
Cakes, cupcakes, and cookies.....	0.172	-0.3	0.1	-0.7	-0.4	0.3
Cookies ³		-1.9	0.3	-0.9	-1.8	0.7
Fresh cakes and cupcakes ^{1, 3}		1.9	0.1	-0.2	1.6	0.1
Other bakery products.....	0.224	-0.5	0.9	0.8	-0.6	0.3
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}		-1.8	-1.3	1.2	0.2	-1.3
Crackers, bread, and cracker products ³		0.0	2.2	0.6	-1.5	1.7
Frozen and refrigerated bakery products, pies, tarts, turnovers ³		-0.9	0.6	1.1	-0.7	0.7
Meats, poultry, fish, and eggs.....	1.783	-6.5	-0.1	-0.7	-0.6	-0.4
Meats, poultry, and fish.....	1.679	-3.6	0.1	-0.3	-0.6	0.0
Meats.....	1.067	-4.4	0.4	-0.3	-0.9	0.1
Beef and veal.....	0.480	-7.0	0.2	-0.8	-1.4	0.5
Uncooked ground beef ¹	0.193	-8.8	0.8	-1.0	-0.6	0.8
Uncooked beef roasts ^{1, 2}	0.066	-7.4	-1.7	-1.7	-1.6	-1.7
Uncooked beef steaks ²	0.173	-5.5	0.4	-0.8	-2.9	0.8
Uncooked other beef and veal ^{1, 2}	0.048	-4.1	-1.0	2.1	0.1	-1.0
Pork.....	0.336	-2.0	0.5	0.6	-0.6	-0.5
Bacon, breakfast sausage, and related products ²	0.140	-0.1	0.0	0.1	-0.2	-1.2
Bacon and related products ³		1.2	-0.3	-2.8	-0.1	-2.2
Breakfast sausage and related products ^{2, 3}		-2.1	0.1	2.1	-0.4	0.5
Ham.....	0.061	-3.7	0.4	2.4	-0.1	-1.8
Ham, excluding canned ³		-3.8	0.4	3.1	-0.2	-2.1
Pork chops ¹	0.056	-0.5	-1.0	0.8	2.1	-1.0
Other pork including roasts and picnics ²	0.078	-4.5	2.6	1.0	-1.6	1.8
Other meats.....	0.252	-2.0	0.6	-0.5	-0.5	0.0
Frankfurters ³		-3.6	2.8	-3.1	-0.8	2.5
Lunchmeats ^{2, 3}		-1.3	-0.2	0.3	-0.9	-1.0
Lamb and organ meats ^{1, 3}		-1.6	-1.2	1.2	0.7	-1.2
Lamb and mutton ^{1, 2, 3}		-3.0	-0.1	1.1	0.0	-0.1
Poultry.....	0.345	-2.9	-0.1	-1.1	-0.3	-0.1
Chicken ^{1, 2}	0.279	-3.2	-0.2	-0.9	-0.1	-0.2
Fresh whole chicken ^{1, 3}		-3.4	-1.9	-5.5	3.1	-1.9
Fresh and frozen chicken parts ^{1, 3}		-2.9	0.4	1.2	-1.4	0.4
Other poultry including turkey ²	0.066	-1.2	0.2	1.2	-1.3	0.8
Fish and seafood.....	0.266	-1.0	-0.4	0.3	0.2	-0.3
Fresh fish and seafood ²	0.145	1.1	-0.6	0.9	0.9	-0.9
Processed fish and seafood ²	0.121	-3.4	-0.2	-0.3	-1.0	0.4
Shelf stable fish and seafood ^{1, 3}		-1.3	0.7	-0.6	-1.5	0.7

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2016 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
Frozen fish and seafood ³		-5.2	-0.6	-0.3	-0.1	0.1
Eggs.....	0.105	-37.9	-4.5	-5.7	-0.6	-6.6
Dairy and related products.....	0.808	-2.4	0.4	-0.3	-0.4	0.0
Milk ^{1, 2}	0.225	-4.9	1.2	-1.0	-0.4	1.2
Fresh whole milk ³		-4.4	1.2	-0.8	-1.6	0.9
Fresh milk other than whole ^{2, 3}		-5.5	1.1	-1.0	-0.9	0.6
Cheese and related products.....	0.263	-2.4	-0.1	-0.7	0.1	-0.6
Ice cream and related products.....	0.113	0.5	1.3	0.6	-0.5	0.2
Other dairy and related products ^{1, 2}	0.207	-1.1	-0.2	0.7	0.1	-0.2
Fruits and vegetables.....	1.343	0.3	0.1	-0.1	0.3	0.0
Fresh fruits and vegetables.....	1.041	0.8	0.4	-0.1	0.3	0.1
Fresh fruits.....	0.560	1.7	1.0	0.0	0.4	0.1
Apples.....	0.093	10.3	1.2	0.4	-1.8	-0.7
Bananas ¹	0.087	-2.4	-0.8	0.8	-0.4	-0.8
Citrus fruits ²	0.162	1.1	1.2	1.5	-2.6	-2.4
Oranges, including tangerines ³		-2.0	3.0	1.2	-0.3	-3.1
Other fresh fruits ²	0.218	1.2	1.6	-1.5	2.8	3.0
Fresh vegetables.....	0.482	-0.2	-0.4	-0.2	0.2	0.2
Potatoes.....	0.082	1.9	1.4	-0.6	-1.8	0.1
Lettuce.....	0.062	-2.5	0.0	-2.4	-2.1	-0.2
Tomatoes ¹	0.079	0.0	1.5	-0.1	0.4	1.5
Other fresh vegetables.....	0.259	-0.5	-1.7	0.3	1.2	-0.6
Processed fruits and vegetables ²	0.301	-1.3	-0.9	-0.1	0.2	-0.7
Canned fruits and vegetables ²	0.157	-1.4	-0.4	-0.6	0.2	-0.4
Canned fruits ^{2, 3}		-0.4	-0.3	-0.5	-0.2	-0.1
Canned vegetables ^{2, 3}		-2.0	-0.5	-0.8	0.9	-1.0
Frozen fruits and vegetables ²	0.088	-0.1	-0.8	0.2	0.4	-0.8
Frozen vegetables ³		-1.2	-1.0	0.3	0.3	-0.9
Other processed fruits and vegetables including dried ²	0.056	-2.9	-2.6	0.3	0.7	-2.3
Dried beans, peas, and lentils ^{1, 2, 3}		-3.4	-1.7	-0.3	0.0	-1.7
Nonalcoholic beverages and beverage materials.....	0.956	-0.6	0.2	-0.7	0.3	-0.1
Juices and nonalcoholic drinks ²	0.671	0.0	0.3	-0.3	0.4	0.2
Carbonated drinks.....	0.271	0.0	-0.3	0.0	0.3	-0.3
Frozen noncarbonated juices and drinks ^{1, 2}	0.011	-1.5	0.4	-1.6	-1.6	0.4
Nonfrozen noncarbonated juices and drinks ²	0.390	0.2	0.8	-0.7	0.6	0.6
Beverage materials including coffee and tea ²	0.284	-2.2	0.0	-1.0	-0.1	-0.3
Coffee.....	0.179	-3.8	-0.4	-0.5	-1.1	-0.7
Roasted coffee ³		-4.3	-0.5	-0.2	-1.5	-1.0
Instant and freeze dried coffee ^{1, 3}		-0.4	2.3	-1.1	-1.5	2.3
Other beverage materials including tea ²	0.106	0.4	0.6	-1.9	1.9	0.5
Other food at home.....	2.013	-0.1	-0.3	0.0	-0.2	-0.2
Sugar and sweets ¹	0.292	-0.6	0.2	0.0	0.0	0.2
Sugar and artificial sweeteners.....	0.050	-1.3	1.1	-0.2	-1.1	1.0
Candy and chewing gum ^{1, 2}	0.186	-0.3	0.1	0.2	0.1	0.1
Other sweets ²	0.055	-0.6	-0.4	-0.7	0.3	0.2
Fats and oils.....	0.235	-0.5	0.0	-0.1	0.2	-0.5
Butter and margarine ²	0.069	2.1	0.7	2.1	0.7	-0.3
Butter ³		2.6	1.4	1.6	-0.6	0.5
Margarine ³		2.3	0.3	2.8	1.1	-0.7
Salad dressing ²	0.057	-0.7	-1.2	-0.4	1.4	-1.5
Other fats and oils including peanut butter ²	0.109	-2.2	0.1	-1.3	-0.5	0.0
Peanut butter ^{1, 2, 3}		-1.9	1.2	-3.3	-2.1	1.2
Other foods.....	1.486	0.1	-0.5	0.1	-0.3	-0.2

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2016 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
Soups.....	0.097	0.5	-1.8	-0.8	-1.3	-0.3
Frozen and freeze dried prepared foods ¹	0.263	-1.1	-0.6	0.2	-0.6	-0.6
Snacks ¹	0.335	0.8	0.5	-0.4	-0.2	0.5
Spices, seasonings, condiments, sauces.....	0.289	0.2	-0.7	0.6	0.7	-1.3
Salt and other seasonings and spices ^{2, 3}		2.4	0.8	-0.1	-0.6	0.4
Olives, pickles, relishes ^{1, 2, 3}		0.2	-4.0	3.5	1.7	-4.0
Sauces and gravies ^{2, 3}		-0.9	-1.1	0.6	0.9	-1.6
Other condiments ³		1.2	0.1	2.5	0.1	-1.5
Baby food ^{1, 2}	0.056	1.6	-0.4	-0.5	1.0	-0.4
Other miscellaneous foods ^{1, 2}	0.447	0.2	-0.8	0.4	-0.1	-0.8
Prepared salads ^{1, 3, 4}		0.3	-0.8	0.7	-1.2	-0.8
Food away from home ¹	5.772	2.8	0.2	0.2	0.2	0.2
Full service meals and snacks ^{1, 2}	2.796	2.4	0.3	0.2	0.2	0.3
Limited service meals and snacks ^{1, 2}	2.453	2.8	0.2	0.1	0.2	0.2
Food at employee sites and schools ²	0.196	10.4	0.7	0.8	1.8	-0.7
Food at elementary and secondary schools ^{1, 3, 5}		12.0		0.0		
Food from vending machines and mobile vendors ^{1, 2}	0.082	3.4	0.0	0.4	0.3	0.0
Other food away from home ^{1, 2}	0.247	1.1	0.0	0.0	0.1	0.0
Energy.....	7.158	-9.2	-1.2	1.3	-1.6	0.0
Energy commodities.....	3.430	-17.3	-2.9	3.3	-4.4	-0.9
Fuel oil and other fuels.....	0.175	-7.7	-2.3	3.7	0.1	-1.5
Fuel oil ¹	0.093	-12.8	-2.5	3.3	-1.3	-2.5
Propane, kerosene, and firewood ⁶	0.082	-0.8	-2.0	2.5	1.4	-2.7
Motor fuel.....	3.255	-17.8	-3.0	3.3	-4.6	-0.9
Gasoline (all types).....	3.207	-17.8	-3.0	3.3	-4.7	-0.9
Gasoline, unleaded regular ³		-18.4	-3.1	3.4	-5.0	-0.8
Gasoline, unleaded midgrade ^{3, 7}		-16.0	-2.2	3.1	-4.3	-0.3
Gasoline, unleaded premium ³		-15.2	-2.8	2.8	-2.6	-1.2
Other motor fuels ²	0.048	-12.7	-1.3	4.2	-0.4	-1.4
Energy services ⁸	3.728	-0.4	0.3	-0.5	1.0	0.8
Electricity ⁸	2.956	-0.7	0.0	-0.5	0.5	0.5
Utility (piped) gas service ⁸	0.773	1.1	1.6	-0.4	3.1	2.1
All items less food and energy.....	79.086	2.3	0.2	0.2	0.1	0.3
Commodities less food and energy commodities.....	19.326	-0.5	0.2	-0.2	-0.1	0.1
Household furnishings and supplies ⁹	3.220	-1.7	-0.5	-0.3	0.0	-0.2
Window and floor coverings and other linens ^{1, 2}	0.262	-1.1	-0.4	-0.9	1.4	-0.4
Floor coverings ^{1, 2}	0.059	2.3	0.7	0.6	-0.4	0.7
Window coverings ^{1, 2}	0.053	1.9	-0.8	-1.3	0.1	-0.8
Other linens ^{1, 2}	0.150	-3.4	-0.7	-1.3	2.7	-0.7
Furniture and bedding ¹	0.762	-2.9	-1.2	-0.7	-0.5	-1.2
Bedroom furniture ¹	0.269	-1.0	-0.5	-0.5	-0.8	-0.5
Living room, kitchen, and dining room furniture ^{1, 2}	0.361	-2.7	-1.8	-0.6	-0.3	-1.8
Other furniture ²	0.127	-7.3	-0.9	-0.8	0.1	-0.3
Infants' furniture ^{1, 3, 5}						
Appliances ²	0.185	-3.0	-0.9	-0.2	-0.3	-0.5
Major appliances ²	0.057	-6.0	-0.8	-1.1	-1.8	-0.3
Laundry equipment ³		-7.8	-2.3	0.1	-2.1	-1.4
Other appliances ^{1, 2}	0.126	-1.6	-0.9	0.4	0.0	-0.9
Other household equipment and furnishings ²	0.463	-3.4	-0.1	-0.9	-1.1	0.4
Clocks, lamps, and decorator items ¹	0.243	-4.4	-0.5	-1.5	-0.3	-0.5
Indoor plants and flowers ¹⁰	0.097	-1.3	1.1	0.7	-3.6	1.6
Dishes and flatware ^{1, 2}	0.052	-4.7	0.0	-1.6	0.5	0.0
Nonelectric cookware and tableware ²	0.071	-2.6	-0.1	-0.2	-0.6	-0.1

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2016 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015- Aug. 2016	Jul. 2016- Aug. 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016	Jul. 2016- Aug. 2016
Tools, hardware, outdoor equipment and supplies ² . . .	0.680	-0.8	-0.6	0.5	0.2	-0.3
Tools, hardware and supplies ^{1, 2}	0.180	-1.7	-0.6	0.6	-0.3	-0.6
Outdoor equipment and supplies ²	0.339	-0.3	-0.5	0.4	0.4	-0.1
Housekeeping supplies ¹	0.867	-0.2	-0.1	0.1	-0.3	-0.1
Household cleaning products ²	0.345	0.5	-0.8	0.6	0.3	-0.5
Household paper products ^{1, 2}	0.234	0.3	0.5	-0.2	0.0	0.5
Miscellaneous household products ^{1, 2}	0.288	-1.5	0.2	0.0	-0.9	0.2
Apparel	3.054	0.3	1.5	-0.4	0.0	0.2
Men's and boys' apparel	0.778	1.6	0.8	-0.6	0.9	1.2
Men's apparel	0.622	1.1	1.4	-0.9	0.6	1.2
Men's suits, sport coats, and outerwear	0.099	-0.2	5.4	-1.2	0.9	4.5
Men's furnishings	0.199	1.2	0.9	0.4	-2.1	0.8
Men's shirts and sweaters ²	0.172	4.4	1.0	-1.8	1.5	1.0
Men's pants and shorts	0.146	-1.4	-0.2	-1.1	1.3	1.6
Boys' apparel	0.155	3.2	-1.5	0.6	1.1	0.4
Women's and girls' apparel	1.220	-0.8	1.4	1.0	-0.6	-1.4
Women's apparel	1.032	-0.4	0.7	1.2	0.4	-2.4
Women's outerwear	0.065	2.1	6.2	3.4	0.7	-6.6
Women's dresses	0.138	-3.9	6.1	-0.3	-0.8	-1.9
Women's suits and separates ²	0.469	-0.5	0.6	1.5	0.8	-2.0
Women's underwear, nightwear, sportswear and accessories ²	0.350	0.1	-2.4	0.5	0.6	-1.8
Girls' apparel	0.188	-2.8	5.6	0.2	-5.5	3.9
Footwear	0.680	-0.5	2.1	-1.6	-0.2	1.3
Men's footwear ¹	0.211	-1.3	0.5	-2.3	0.0	0.5
Boys' and girls' footwear	0.169	0.6	1.3	-2.0	1.3	0.7
Women's footwear	0.299	-0.5	3.6	-1.5	0.4	2.3
Infants' and toddlers' apparel	0.149	-5.6	2.1	-2.5	2.7	1.0
Jewelry and watches ⁶	0.228	7.8	2.1	-2.2	-0.7	1.8
Watches ^{1, 6}	0.084	5.9	-1.5	0.1	1.9	-1.5
Jewelry ⁶	0.144	9.3	4.2	-2.5	-1.8	3.3
Transportation commodities less motor fuel ⁹	6.275	-1.1	-0.3	-0.5	-0.2	-0.2
New vehicles	3.686	0.0	-0.3	-0.2	0.2	0.0
New cars and trucks ^{2, 3}		-0.1	-0.3	-0.2	0.2	0.0
New cars ³		-0.7	-0.3	-0.2	0.1	0.0
New trucks ^{3, 11}		0.4	-0.3	-0.1	0.2	0.0
Used cars and trucks	2.108	-4.0	-0.4	-1.1	-1.0	-0.6
Motor vehicle parts and equipment ¹	0.386	-0.1	0.5	0.1	-0.6	0.5
Tires ¹	0.230	-0.5	0.8	-0.2	-0.8	0.8
Vehicle accessories other than tires ^{1, 2}	0.155	0.6	0.2	0.6	-0.4	0.2
Vehicle parts and equipment other than tires ^{1, 3}		0.7	-0.5	0.4	0.2	-0.5
Motor oil, coolant, and fluids ^{1, 3}		0.2	3.3	-0.8	-1.5	3.3
Medical care commodities	1.841	4.5	1.2	1.1	0.4	1.1
Medicinal drugs ^{1, 9}	1.781	4.7	1.2	1.0	0.6	1.2
Prescription drugs	1.422	6.3	1.4	1.3	0.9	1.3
Nonprescription drugs ^{1, 9}	0.359	-1.3	0.2	-0.2	-0.5	0.2
Medical equipment and supplies ^{1, 9}	0.060	-0.1	-0.2	0.3	0.3	-0.2
Recreation commodities ⁹	1.823	-3.1	0.0	-0.9	-0.4	0.1
Video and audio products ⁹	0.230	-12.1	-1.5	-1.8	-1.2	-1.6
Televisions	0.113	-20.6	-1.9	-2.7	-2.0	-2.1
Other video equipment ²	0.026	-2.4	-0.6	-1.4	1.2	-1.1
Audio equipment	0.061	-5.3	-1.7	0.5	-0.7	-1.6
Audio discs, tapes and other media ^{1, 2}	0.023	-3.1	-0.4	-3.9	-1.5	-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, August 2016 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
Pets and pet products ¹	0.587	0.7	0.4	-0.3	-0.4	0.4
Pet food ^{1, 2, 3}		2.0	0.3	0.3	-0.5	0.3
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		-0.4	0.4	-0.8	-0.2	0.4
Sporting goods ¹	0.438	-1.8	-0.3	-1.4	0.2	-0.3
Sports vehicles including bicycles ¹	0.229	-3.1	-0.2	-1.2	0.2	-0.2
Sports equipment.....	0.200	-0.8	-0.5	-1.6	0.4	-0.2
Photographic equipment and supplies.....	0.038	-0.2	2.1	2.2	2.6	1.1
Film and photographic supplies ^{1, 2, 3}		0.6	0.1	0.0	0.4	0.1
Photographic equipment ^{2, 3}		-0.8	2.5	2.2	3.1	1.5
Recreational reading materials ¹	0.148	0.0	1.7	-0.3	-0.6	1.7
Newspapers and magazines ^{1, 2}	0.087	-0.6	-0.9	-0.4	-0.3	-0.9
Recreational books ^{1, 2}	0.061	0.8	5.3	-0.2	-1.0	5.3
Other recreational goods ²	0.382	-6.4	-0.2	-1.4	-1.0	0.3
Toys.....	0.310	-7.9	-0.1	-1.3	-1.5	0.5
Toys, games, hobbies and playground equipment ^{1, 3}		-5.8	0.5	-1.1	-0.9	1.0
Sewing machines, fabric and supplies ^{1, 2}	0.024	-4.9	-1.6	-5.3	1.7	-1.6
Music instruments and accessories ^{1, 2}	0.034	1.9	0.0	0.0	0.9	0.0
Education and communication commodities ⁹	0.623	-3.8	-0.1	-0.1	-0.3	0.0
Educational books and supplies.....	0.161	5.5	1.4	1.9	0.4	0.2
College textbooks ^{1, 3, 12}		6.3	1.6	1.4	0.4	1.6
Information technology commodities ⁹	0.463	-7.4	-0.7	-0.8	-0.5	-0.1
Personal computers and peripheral equipment ⁴	0.280	-6.8	-0.7	-0.8	-0.4	0.4
Computer software and accessories ^{1, 2}	0.090	-7.6	-1.3	0.2	0.5	-1.3
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.093	-9.6	-0.2	-2.0	-1.7	-0.2
Alcoholic beverages.....	0.949	1.1	0.0	0.1	-0.1	0.0
Alcoholic beverages at home.....	0.585	0.7	-0.1	0.1	-0.2	-0.1
Beer, ale, and other malt beverages at home.....	0.267	1.6	-0.2	0.1	-0.1	-0.1
Distilled spirits at home.....	0.074	0.0	-0.2	0.0	0.2	-0.5
Whiskey at home ^{1, 3}		0.4	0.3	0.8	0.6	0.3
Distilled spirits, excluding whiskey, at home ³		-0.4	-0.4	0.0	-0.3	-0.7
Wine at home.....	0.244	-0.1	0.2	0.1	-0.3	-0.3
Alcoholic beverages away from home ¹	0.365	1.8	0.1	0.1	0.1	0.1
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		1.8	-0.1	0.1	0.1	-0.1
Wine away from home ^{1, 2, 3}		1.5	0.6	0.0	0.0	0.6
Distilled spirits away from home ^{1, 2, 3}		2.8	-0.1	0.1	-0.1	-0.1
Other goods ⁹	1.540	1.1	0.2	0.0	-0.3	0.4
Tobacco and smoking products.....	0.653	3.2	0.7	0.6	-0.5	0.7
Cigarettes ²	0.591	3.3	0.7	0.6	-0.6	0.8
Tobacco products other than cigarettes ^{1, 2}	0.045	1.7	-0.2	0.3	0.0	-0.2
Personal care products ¹	0.704	0.9	0.3	-0.4	0.2	0.3
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.375	0.1	-0.2	-0.3	0.4	-0.2
Cosmetics, perfume, bath, nail preparations and implements ¹	0.323	1.8	0.8	-0.5	0.1	0.8
Miscellaneous personal goods ²	0.183	-5.1	-1.5	-0.5	-1.8	-0.6
Stationery, stationery supplies, gift wrap ³		-2.6	-2.0	-0.5	-1.5	-1.0
Infants' equipment ^{1, 3, 5}		-5.8	0.9	-1.5	0.0	0.9
Services less energy services.....	59.761	3.2	0.2	0.3	0.2	0.3
Shelter.....	33.320	3.4	0.3	0.3	0.2	0.3
Rent of shelter ¹³	32.976	3.4	0.3	0.4	0.2	0.4
Rent of primary residence ⁸	7.748	3.8	0.4	0.4	0.3	0.3

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2016 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
Lodging away from home ²	0.971	3.6	-1.2	0.6	-2.4	2.0
Housing at school, excluding board ^{8, 13}	0.119	3.1	1.1	0.4	0.2	-0.1
Other lodging away from home including hotels and motels.....	0.852	2.5	-1.5	0.6	-2.7	2.3
Owners' equivalent rent of residences ^{8, 13}	24.257	3.3	0.3	0.3	0.3	0.3
Owners' equivalent rent of primary residence ^{8, 13}	23.145	3.3	0.3	0.3	0.3	0.3
Tenants' and household insurance ^{1, 2}	0.344	1.0	0.0	0.0	0.1	0.0
Water and sewer and trash collection services ²	1.158	3.1	0.5	0.2	-0.3	0.2
Water and sewerage maintenance ⁸	0.874	3.7	0.7	0.3	-0.5	0.3
Garbage and trash collection ^{1, 11}	0.283	1.5	0.2	-0.1	0.2	0.2
Household operations ^{1, 2}	0.850	2.5	-0.1	0.9	0.3	-0.1
Domestic services ^{1, 2}	0.281	1.0	0.1		0.0	0.1
Gardening and lawncare services ^{1, 2}	0.278	1.0	0.0	0.4	0.5	0.0
Moving, storage, freight expense ²	0.121	9.8	-0.8	3.1	0.7	-1.3
Repair of household items ^{1, 2}	0.087	2.6	0.1	0.2	0.1	0.1
Medical care services.....	6.637	5.1	0.8	0.2	0.5	0.9
Professional services.....	3.148	3.3	0.3	0.0	0.5	0.5
Physicians' services ⁸	1.696	4.3	0.5	0.3	0.7	0.7
Dental services ⁸	0.814	2.8	0.4	-0.2	0.0	0.5
Eyeglasses and eye care ^{1, 6}	0.323	1.9	-0.3	-0.4	-0.3	-0.3
Services by other medical professionals ^{8, 6}	0.315	1.3	-0.2	-0.5	1.0	-0.3
Hospital and related services.....	2.479	5.8	1.2	0.1	0.4	1.6
Hospital services ^{8, 14}	2.210	6.2	1.3	0.1	0.4	1.7
Inpatient hospital services ^{8, 14, 3}		6.5	1.1	-0.2	0.5	1.4
Outpatient hospital services ^{8, 3, 6}		4.7	1.4	0.2	0.4	1.8
Nursing homes and adult day services ^{8, 14}	0.193	3.7	0.5	0.2	0.2	0.5
Care of invalids and elderly at home ^{1, 5}	0.077	2.0	-0.2	0.3	0.1	-0.2
Health insurance ^{1, 5}	1.009	9.1	1.1	0.4	0.7	1.1
Transportation services.....	5.908	3.1	-0.6	0.3	-0.2	0.1
Leased cars and trucks ¹²	0.560	1.8	-1.7	-0.1	0.7	-1.2
Car and truck rental ²	0.118	0.5	-3.3	3.2	-2.6	-3.4
Motor vehicle maintenance and repair ¹	1.160	1.9	0.0	0.1	0.2	0.0
Motor vehicle body work ¹	0.057	2.8	0.0	0.1	0.4	0.0
Motor vehicle maintenance and servicing ¹	0.672	1.8	0.1	-0.1	0.3	0.1
Motor vehicle repair ^{1, 2}	0.389	1.8	-0.4	0.3	-0.1	-0.4
Motor vehicle insurance.....	2.411	6.5	0.4	0.2	0.4	0.5
Motor vehicle fees ^{1, 2}	0.528	1.8	0.3	0.0	0.4	0.3
State motor vehicle registration and license fees ^{1, 8, 2}	0.282	1.3	0.3	0.0	0.5	0.3
Parking and other fees ²	0.235	2.5	0.2	0.3	0.2	0.3
Parking fees and tolls ^{1, 2, 3}		2.9	0.2	0.0	0.4	0.2
Automobile service clubs ^{1, 2, 3}		0.6	0.1	0.3	0.0	0.1
Public transportation.....	1.132	-1.2	-3.2	0.5	-2.5	0.4
Airline fare.....	0.669	-3.5	-5.5	1.6	-4.9	-0.1
Other intercity transportation.....	0.179	2.9	0.4	-1.8	-0.1	1.5
Intercity bus fare ^{1, 3, 4}						
Intercity train fare ^{1, 3, 4}		2.4	-0.6	1.1	2.8	-0.6
Ship fare ^{1, 2, 3}		8.9	1.5	-0.2	-0.1	1.5
Intracity transportation ¹	0.280	1.6	0.0	0.0	0.2	0.0
Intracity mass transit ^{1, 3, 9}		1.7	0.0	0.0	0.2	0.0
Recreation services ⁹	3.898	2.9	-0.3	0.6	0.1	-0.1
Video and audio services ⁹	1.641	4.0	-0.7	0.7	0.2	-0.3

See footnotes at end of table.

Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, August 2016 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
Cable and satellite television and radio service ¹¹	1.535	4.3	-0.7	0.7	0.3	-0.2
Video discs and other media, including rental of video and audio ^{1, 2}	0.106	0.6	-0.6	0.7	-1.8	-0.6
Video discs and other media ^{1, 2, 3}		-3.3	-0.8	-0.2	-2.9	-0.8
Rental of video or audio discs and other media ^{1, 2, 3}		4.1	0.2	1.8	0.0	0.2
Pet services including veterinary ²	0.370	3.3	0.0	0.1	0.4	0.2
Pet services ^{1, 2, 3}		1.6	0.0	0.1	0.5	0.0
Veterinarian services ^{2, 3}		3.2	0.0	0.0	0.2	0.2
Photographers and film processing ^{1, 2}	0.049	3.5	0.3	-0.1	0.3	0.3
Photographer fees ^{1, 2, 3}		3.0	0.0	0.0	0.0	0.0
Film processing ^{1, 2, 3}		3.4	1.0	-0.4	0.8	1.0
Other recreation services ²	1.837	1.8	-0.1	0.6	-0.1	-0.1
Club dues and fees for participant sports and group exercises ^{1, 2}	0.643	0.1	-0.2	0.4	-0.5	-0.2
Admissions ¹	0.648	3.5	0.0	1.0	0.1	0.0
Admission to movies, theaters, and concerts ^{1, 2, 3}		3.7	0.3	0.5	-1.0	0.3
Admission to sporting events ^{1, 2, 3}		3.9	-0.4	3.3	2.4	-0.4
Fees for lessons or instructions ^{1, 6}	0.220	1.6	0.1	0.2	0.2	0.1
Education and communication services ⁹	6.369	1.2	0.4	0.1	-0.2	0.1
Tuition, other school fees, and childcare.....	2.995	2.5	0.8	0.4	-0.1	-0.1
College tuition and fees.....	1.776	2.3	0.9	0.5	-0.3	-0.4
Elementary and high school tuition and fees.....	0.309	3.3	1.1	0.2	-0.1	0.2
Child care and nursery school ¹⁰	0.738	2.7	0.6	0.3	0.3	0.5
Technical and business school tuition and fees ²	0.042	1.8	0.4	0.1	0.2	0.2
Postage and delivery services ²	0.137	0.3	0.0	0.0	0.0	0.0
Postage ¹	0.130	0.4	0.0	0.0	0.0	0.0
Delivery services ²	0.007	-2.1	0.0	0.0	0.2	0.3
Telephone services ^{1, 2}	2.511	-0.4	0.1	-0.1	-0.2	0.1
Wireless telephone services ^{1, 2}	1.787	-0.7	-0.1	0.0	-0.3	-0.1
Land-line telephone services ^{1, 9}	0.725	0.8	0.6	-0.6	-0.2	0.6
Internet services and electronic information providers ²	0.715	1.3	0.0	-0.2	-0.1	0.4
Other personal services ^{1, 9}	1.621	2.9	0.1	0.4	0.4	0.1
Personal care services ¹	0.606	1.9	0.2	0.0	0.0	0.2
Haircuts and other personal care services ^{1, 2}	0.606	1.9	0.2	0.0	0.0	0.2
Miscellaneous personal services.....	1.015	3.6	0.0	0.5	0.8	-0.1
Legal services ^{1, 6}	0.245	4.5	0.0	0.6	1.6	0.0
Funeral expenses ^{1, 6}	0.144	1.4	0.1	0.2	0.2	0.1
Laundry and dry cleaning services ^{1, 2}	0.267	3.3	0.1	0.6	0.3	0.1
Apparel services other than laundry and dry cleaning ^{1, 2}	0.026	2.0	0.0	-0.1	0.2	0.0
Financial services ^{1, 6}	0.235	4.4	-0.2	1.0	0.3	-0.2
Checking account and other bank services ^{1, 2, 3}		3.6	0.0	0.4	0.0	0.0
Tax return preparation and other accounting fees ^{1, 2, 3}		4.9	-0.3	1.3	0.3	-0.3

¹ Not seasonally adjusted.

² Indexes on a December 1997=100 base.

³ Special index based on a substantially smaller sample.

⁴ Indexes on a December 2007=100 base.

⁵ Indexes on a December 2005=100 base.

⁶ Indexes on a December 1986=100 base.

⁷ Indexes on a December 1993=100 base.

⁸ This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

⁹ Indexes on a December 2009=100 base.

¹⁰ Indexes on a December 1990=100 base.

¹¹ Indexes on a December 1983=100 base.

¹² Indexes on a December 2001=100 base.

¹³ Indexes on a December 1982=100 base.

¹⁴ Indexes on a December 1996=100 base.

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

Table 3. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, special aggregate indexes, August 2016

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Jul. 2016	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Aug. 2015	Jul. 2016	Aug. 2016	Aug. 2015-Aug. 2016	Jul. 2016-Aug. 2016	May 2016-Jun. 2016	Jun. 2016-Jul. 2016	Jul. 2016-Aug. 2016
All items less food.....	86.244	236.868	239.570	239.782	1.2	0.1	0.3	0.0	0.2
All items less shelter.....	66.680	224.632	224.489	224.457	-0.1	0.0	0.2	-0.2	0.1
All items less food and shelter.....	52.925	218.626	218.450	218.373	-0.1	0.0	0.2	-0.2	0.2
All items less food, shelter, and energy.....	45.767	221.897	224.982	225.325	1.5	0.2	0.1	0.0	0.2
All items less food, shelter, energy, and used cars and trucks.....	43.659	226.169	229.727	230.139	1.8	0.2	0.1	0.0	0.2
All items less medical care.....	91.522	228.267	229.897	229.933	0.7	0.0	0.2	-0.1	0.1
All items less energy.....	92.842	242.722	247.047	247.511	2.0	0.2	0.1	0.1	0.2
Commodities.....	36.511	183.137	179.422	179.147	-2.2	-0.2	0.1	-0.5	-0.1
Commodities less food, energy, and used cars and trucks.....	17.217	146.033	145.440	145.815	-0.1	0.3	-0.1	0.0	0.1
Commodities less food.....	22.755	153.986	148.994	148.567	-3.5	-0.3	0.3	-0.8	-0.1
Commodities less food and beverages.....	21.806	150.972	145.780	145.344	-3.7	-0.3	0.3	-0.8	-0.1
Services.....	63.489	292.861	301.028	301.701	3.0	0.2	0.3	0.2	0.3
Services less rent of shelter ¹	30.513	316.841	324.512	325.009	2.6	0.2	0.1	0.3	0.4
Services less medical care services.....	56.852	278.956	286.286	286.749	2.8	0.2	0.2	0.2	0.3
Durables.....	9.467	109.187	107.432	106.982	-2.0	-0.4	-0.5	-0.2	-0.2
Nondurables.....	27.044	219.833	215.167	215.036	-2.2	-0.1	0.4	-0.5	0.3
Nondurables less food.....	13.288	195.892	187.835	187.473	-4.3	-0.2	0.8	-1.1	0.6
Nondurables less food and beverages.....	12.339	193.175	184.477	184.095	-4.7	-0.2	0.8	-1.2	0.7
Nondurables less food, beverages, and apparel.....	9.285	240.318	226.894	225.154	-6.3	-0.8	1.2	-1.4	0.7
Nondurables less food and apparel.....	10.235	239.049	227.141	225.558	-5.6	-0.7	1.1	-1.3	0.7
Housing.....	42.451	239.298	244.936	245.472	2.6	0.2	0.2	0.3	0.3
Education and communication ²	6.993	138.291	138.790	139.311	0.7	0.4	0.1	-0.2	0.0
Education ²	3.156	242.076	246.478	248.580	2.7	0.9	0.5	-0.1	0.0
Communication ²	3.837	79.832	79.156	79.142	-0.9	0.0	-0.2	-0.2	0.1
Information and information processing ²	3.700	75.999	75.327	75.313	-0.9	0.0	-0.2	-0.2	0.1
Information technology, hardware and services ³	1.189	7.909	7.767	7.748	-2.0	-0.2	-0.4	-0.2	0.2
Recreation ²	5.720	116.084	117.358	117.119	0.9	-0.2	0.1	-0.1	-0.1
Video and audio ²	1.871	99.254	101.719	100.948	1.7	-0.8	0.4	0.0	-0.4
Pets, pet products and services ²	0.957	167.187	169.585	170.027	1.7	0.3	-0.1	-0.1	0.3
Photography ²	0.088	75.204	75.591	76.398	1.6	1.1	0.8	1.3	0.7
Food and beverages.....	14.705	247.196	247.267	247.420	0.1	0.1	-0.1	0.0	0.0
Domestically produced farm food.....	6.674	251.558	246.356	246.194	-2.1	-0.1	-0.3	-0.3	-0.3
Other services.....	11.888	340.310	346.557	347.044	2.0	0.1	0.3	0.0	0.0
Apparel less footwear.....	2.374	117.033	116.028	117.577	0.5	1.3	0.0	0.1	-0.1
Fuels and utilities.....	5.061	233.847	233.713	234.407	0.2	0.3	-0.2	0.7	0.6
Household energy.....	3.903	198.260	196.422	196.863	-0.7	0.2	-0.3	1.0	0.7
Medical care.....	8.478	446.536	464.582	468.480	4.9	0.8	0.4	0.5	1.0
Transportation.....	15.438	203.377	197.145	195.198	-4.0	-1.0	0.6	-1.1	-0.2
Private transportation.....	14.306	198.657	191.796	190.232	-4.2	-0.8	0.6	-1.0	-0.3
New and used motor vehicles ²	6.567	101.318	100.850	100.352	-1.0	-0.5	-0.4	-0.2	-0.3
Utilities and public transportation.....	10.064	216.192	217.973	217.439	0.6	-0.2	-0.3	0.2	0.2
Household furnishings and operations.....	4.070	122.120	121.565	121.048	-0.9	-0.4	-0.1	0.1	-0.1
Other goods and services.....	3.161	415.576	423.439	424.105	2.1	0.2	0.2	0.1	0.2
Personal care.....	2.508	220.752	224.563	224.621	1.8	0.0	0.0	0.2	0.0

¹ Indexes on a December 1982=100 base.

² Indexes on a December 1997=100 base.

³ Indexes on a December 1988=100 base.

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

Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index, August 2016
 [1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Aug. 2016 from:			Percent change to Jul. 2016 from:		
		Aug. 2015	Jun. 2016	Jul. 2016	Jul. 2015	May 2016	Jun. 2016
U.S. city average.....	M	1.1	-0.1	0.1	0.8	0.2	-0.2
Region and area size²							
Northeast urban.....	M	1.1	0.0	0.1	0.8	0.2	0.0
Size A - More than 1,500,000.....	M	1.2	0.0	0.1	1.0	0.2	-0.1
Size B/C - 50,000 to 1,500,000 ³	M	0.8	0.0	0.0	0.3	0.2	0.0
Midwest urban.....	M	0.6	-0.3	0.1	0.4	0.1	-0.5
Size A - More than 1,500,000.....	M	0.6	-0.3	0.2	0.5	0.1	-0.5
Size B/C - 50,000 to 1,500,000 ³	M	0.6	-0.3	0.1	0.2	0.2	-0.4
Size D - Nonmetropolitan (less than 50,000).....	M	0.5	-0.3	-0.1	0.7	0.1	-0.2
South urban.....	M	1.0	-0.1	0.1	0.7	0.2	-0.2
Size A - More than 1,500,000.....	M	1.3	-0.1	0.0	1.2	0.3	-0.1
Size B/C - 50,000 to 1,500,000 ³	M	0.8	-0.1	0.2	0.4	0.1	-0.3
Size D - Nonmetropolitan (less than 50,000).....	M	0.3	-0.6	-0.1	0.1	0.0	-0.5
West urban.....	M	1.6	0.1	0.1	1.4	0.2	0.1
Size A - More than 1,500,000.....	M	1.8	0.2	0.1	1.6	0.3	0.1
Size B/C - 50,000 to 1,500,000 ³	M	0.7	0.0	0.0	0.6	-0.1	0.0
Size classes							
A ⁴	M	1.3	0.0	0.1	1.1	0.2	-0.1
B/C ³	M	0.7	-0.1	0.1	0.4	0.1	-0.2
D.....	M	0.8	-0.4	-0.1	0.8	0.1	-0.3
Selected local areas⁵							
Chicago-Gary-Kenosha, IL-IN-WI.....	M	-0.3	-0.6	0.2	-0.1	-0.4	-0.8
Los Angeles-Riverside-Orange County, CA.....	M	1.4	0.0	0.0	1.2	0.1	0.0
New York-Northern N.J.-Long Island, NY-NJ-CT-PA. . .	M	1.1	0.1	0.2	1.0	0.2	-0.1
Boston-Brockton-Nashua, MA-NH-ME-CT.....	1				1.5	0.0	
Cleveland-Akron, OH.....	1				-0.6	0.0	
Dallas-Fort Worth, TX.....	1				1.3	0.4	
Washington-Baltimore, DC-MD-VA-WV ⁶	1				1.4	-0.1	
Atlanta, GA.....	2	1.3	0.5				
Detroit-Ann Arbor-Flint, MI.....	2	1.7	-0.1				
Houston-Galveston-Brazoria, TX.....	2	0.9	-0.3				
Miami-Fort Lauderdale, FL.....	2	1.6	0.0				
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD...	2	0.3	-0.2				
San Francisco-Oakland-San Jose, CA.....	2	3.1	0.7				
Seattle-Tacoma-Bremerton, WA.....	2	2.1	0.3				

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

² Regions defined as the four Census regions.

³ Indexes on a December 1996=100 base.

⁴ Indexes on a December 1986=100 base.

⁵ In addition, the following metropolitan areas are published semiannually and appear in Tables 34 and 39 of the January and July issues of the CPI Detailed Report: Anchorage, AK; Cincinnati-Hamilton, OH-KY-IN; Denver-Boulder-Greeley, CO; Honolulu, HI; Kansas City, MO-KS; Milwaukee-Racine, WI; Minneapolis-St. Paul, MN-WI; Phoenix-Mesa, AZ; Pittsburgh, PA; Portland-Salem, OR-WA; St. Louis, MO-IL; San Diego, CA; Tampa-St. Petersburg-Clearwater, FL.

⁶ Indexes on a November 1996=100 base.

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

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

Table 5. Chained Consumer Price Index for All Urban Consumers (C-CPI-U) and the Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items index, August 2016
 [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
January 2014.....	0.4	0.4	1.4	1.6
February 2014.....	0.4	0.4	1.0	1.1
March 2014.....	0.6	0.6	1.4	1.5
April 2014.....	0.3	0.3	1.8	2.0
May 2014.....	0.3	0.3	1.9	2.1
June 2014.....	0.2	0.2	1.9	2.1
July 2014.....	0.0	0.0	1.8	2.0
August 2014.....	-0.2	-0.2	1.5	1.7
September 2014.....	0.1	0.1	1.5	1.7
October 2014.....	-0.2	-0.3	1.5	1.7
November 2014.....	-0.6	-0.5	1.1	1.3
December 2014.....	-0.7	-0.6	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.....	-0.5	-0.3	0.4	0.7
January 2016.....	0.1	0.2	1.0	1.4
February 2016.....	0.0	0.1	0.5	1.0
March 2016.....	0.6	0.4	0.4	0.9
April 2016.....	0.6	0.5	0.8	1.1
May 2016.....	0.5	0.4	0.7	1.0
June 2016.....	0.4	0.3	0.8	1.0
July 2016.....	-0.2	-0.2	0.5	0.8
August 2016.....	0.0	0.1	0.8	1.1

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

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

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

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 1-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items.....	100.000	0.2		0.04	L-Jun.2016	0.2
Food.....	13.756	0.0	0.000	0.08	-	-
Food at home.....	7.983	-0.2	-0.013	0.12	-	-
Cereals and bakery products.....	1.080	0.0	0.000	0.27	L-Jun.2016	0.1
Cereals and cereal products.....	0.366	-0.7	-0.003	0.44	S-Mar.2016	-1.1
Flour and prepared flour mixes.....	0.045	-1.2	-0.001	0.64	S-Jun.2016	-1.9
Breakfast cereal ⁴	0.187	-1.5	-0.003	0.71	S-Jan.2016	-2.2
Rice, pasta, cornmeal ⁴	0.134	-0.3	0.000	0.67	S-Mar.2016	-0.7
Rice ^{4, 5, 6}		-0.3		0.83	L-Jun.2016	0.6
Bakery products ⁴	0.713	0.4	0.003	0.31	L-Jan.2016	0.8
Bread ^{4, 5}	0.213	0.0	0.000	0.57	-	-
White bread ^{4, 6}		-0.9		0.81	S-Aug.2015	-1.5
Bread other than white ^{4, 6}		1.2		0.88	L-Jun.2015	1.6
Fresh biscuits, rolls, muffins ⁵	0.104	0.4	0.000	0.69	L-Jun.2016	0.9
Cakes, cupcakes, and cookies.....	0.172	0.3	0.001	0.64	L-Jan.2016	1.1
Cookies ⁶		0.7		0.97	L-Apr.2016	1.6
Fresh cakes and cupcakes ^{4, 6}		0.1		0.86	S-Jun.2016	-0.2
Other bakery products.....	0.224	0.3	0.001	0.66	L-Jun.2016	0.8
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		-1.3		0.84	S-Dec.2015	-3.0
Crackers, bread, and cracker products ⁶		1.7		1.25	L-Apr.2016	2.2
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		0.7		0.88	L-Jun.2016	1.1
Meats, poultry, fish, and eggs.....	1.783	-0.4	-0.008	0.22	L-Apr.2016	-0.1
Meats, poultry, and fish.....	1.679	0.0	-0.001	0.24	L-Apr.2016	0.3
Meats.....	1.067	0.1	0.001	0.27	L-Apr.2016	0.1
Beef and veal.....	0.480	0.5	0.002	0.40	L-Mar.2016	0.7
Uncooked ground beef ⁴	0.193	0.8	0.002	0.55	L-Jan.2015	1.3
Uncooked beef roasts ^{4, 5}	0.066	-1.7	-0.001	0.87	S-Jun.2016	-1.7
Uncooked beef steaks ⁵	0.173	0.8	0.001	0.70	L-Mar.2016	1.6
Uncooked other beef and veal ^{4, 5}	0.048	-1.0	0.000	0.81	S-May 2016	-1.8
Pork.....	0.336	-0.5	-0.002	0.47	L-Jun.2016	0.6
Bacon, breakfast sausage, and related products ⁵	0.140	-1.2	-0.002	0.76	S-May 2016	-1.9
Bacon and related products ⁶		-2.2		0.95	S-Jun.2016	-2.8
Breakfast sausage and related products ^{5, 6}		0.5		0.94	L-Jun.2016	2.1
Ham.....	0.061	-1.8	-0.001	0.91	S-May 2016	-2.1
Ham, excluding canned ⁶		-2.1		1.16	S-May 2016	-2.4
Pork chops ⁴	0.056	-1.0	-0.001	1.17	S-Jan.2016	-3.7
Other pork including roasts and picnics ⁵	0.078	1.8	0.001	1.01	L-May 2014	1.8
Other meats.....	0.252	0.0	0.000	0.48	L-Feb.2016	0.8
Frankfurters ⁶		2.5		1.56	L-Dec.2014	2.9
Lunchmeats ^{5, 6}		-1.0		0.62	S-Apr.2012	-1.2
Lamb and organ meats ^{4, 6}		-1.2		1.72	S-May 2016	-1.9
Lamb and mutton ^{4, 5, 6}		-0.1		2.54	S-May 2016	-3.2
Poultry.....	0.345	-0.1	0.000	0.63	L-May 2016	0.2
Chicken ^{4, 5}	0.279	-0.2	-0.001	0.76	S-Jun.2016	-0.9
Fresh whole chicken ^{4, 6}		-1.9		1.42	S-Jun.2016	-5.5
Fresh and frozen chicken parts ^{4, 6}		0.4		0.72	L-Jun.2016	1.2
Other poultry including turkey ⁵	0.066	0.8	0.001	0.78	L-Jun.2016	1.2
Fish and seafood.....	0.266	-0.3	-0.001	0.54	S-May 2016	-0.4
Fresh fish and seafood ⁵	0.145	-0.9	-0.001	0.87	S-Feb.2016	-1.0
Processed fish and seafood ⁵	0.121	0.4	0.000	0.53	L-Apr.2016	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, August 2016, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 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}		0.7		0.88	L-Apr.2016	3.1
Frozen fish and seafood ⁶		0.1		0.75	L-Feb.2016	0.6
Eggs.....	0.105	-6.6	-0.007	0.62	S-Jan.2016	-8.4
Dairy and related products.....	0.808	0.0	0.000	0.26	L-Apr.2016	0.4
Milk ^{4, 5}	0.225	1.2	0.003	0.33	L-Jul.2015	1.4
Fresh whole milk ⁶		0.9		0.53	L-May 2014	1.5
Fresh milk other than whole ^{5, 6}		0.6		0.45	L-Feb.2016	0.7
Cheese and related products.....	0.263	-0.6	-0.001	0.46	S-Jun.2016	-0.7
Ice cream and related products.....	0.113	0.2	0.000	0.83	L-Jun.2016	0.6
Other dairy and related products ^{4, 5}	0.207	-0.2	0.000	0.57	S-May 2016	-1.5
Fruits and vegetables.....	1.343	0.0	-0.001	0.37	S-Jun.2016	-0.1
Fresh fruits and vegetables.....	1.041	0.1	0.002	0.46	S-Jun.2016	-0.1
Fresh fruits.....	0.560	0.1	0.001	0.64	S-Jun.2016	0.0
Apples.....	0.093	-0.7	-0.001	1.11	L-Jun.2016	0.4
Bananas ⁴	0.087	-0.8	-0.001	0.62	S-Apr.2016	-1.5
Citrus fruits ⁵	0.162	-2.4	-0.004	1.44	L-Jun.2016	1.5
Oranges, including tangerines ⁶		-3.1		1.41	S-Aug.2014	-3.3
Other fresh fruits ⁵	0.218	3.0	0.007	1.08	L-Feb.2016	5.4
Fresh vegetables.....	0.482	0.2	0.001	0.59	—	—
Potatoes.....	0.082	0.1	0.000	1.14	L-May 2016	0.8
Lettuce.....	0.062	-0.2	0.000	1.44	L-May 2016	3.3
Tomatoes ⁴	0.079	1.5	0.001	1.42	L-Jan.2016	15.3
Other fresh vegetables.....	0.259	-0.6	-0.002	0.74	S-May 2016	-1.7
Processed fruits and vegetables ⁵	0.301	-0.7	-0.002	0.49	S-May 2016	-1.4
Canned fruits and vegetables ⁵	0.157	-0.4	-0.001	0.76	S-Jun.2016	-0.6
Canned fruits ^{5, 6}		-0.1		0.86	L-Apr.2016	1.9
Canned vegetables ^{5, 6}		-1.0		1.02	S-Oct.2015	-2.6
Frozen fruits and vegetables ⁵	0.088	-0.8	-0.001	0.86	S-May 2016	-1.8
Frozen vegetables ⁶		-0.9		1.07	S-May 2016	-2.4
Other processed fruits and vegetables including dried ⁵	0.056	-2.3	-0.001	0.73	S-EVER	—
Dried beans, peas, and lentils ^{4, 5, 6}		-1.7		0.79	S-Apr.2013	-2.1
Nonalcoholic beverages and beverage materials.....	0.956	-0.1	-0.001	0.34	S-Jun.2016	-0.7
Juices and nonalcoholic drinks ⁵	0.671	0.2	0.001	0.43	S-Jun.2016	-0.3
Carbonated drinks.....	0.271	-0.3	-0.001	0.68	S-May 2016	-1.5
Frozen noncarbonated juices and drinks ^{4, 5}	0.011	0.4	0.000	0.64	L-May 2016	0.5
Nonfrozen noncarbonated juices and drinks ⁵	0.390	0.6	0.002	0.61	—	—
Beverage materials including coffee and tea ⁵	0.284	-0.3	-0.001	0.44	S-Jun.2016	-1.0
Coffee.....	0.179	-0.7	-0.001	0.59	L-Jun.2016	-0.5
Roasted coffee ⁶		-1.0		0.64	L-Jun.2016	-0.2
Instant and freeze dried coffee ^{4, 6}		2.3		1.03	L-Jun.2014	2.6
Other beverage materials including tea ⁵	0.106	0.5	0.001	0.62	S-Jun.2016	-1.9
Other food at home.....	2.013	-0.2	-0.004	0.23	—	—
Sugar and sweets ⁴	0.292	0.2	0.001	0.58	L-Apr.2016	0.6
Sugar and artificial sweeteners.....	0.050	1.0	0.001	0.62	L-Apr.2016	2.9
Candy and chewing gum ^{4, 5}	0.186	0.1	0.000	0.89	—	—
Other sweets ⁵	0.055	0.2	0.000	0.63	S-Jun.2016	-0.7
Fats and oils.....	0.235	-0.5	-0.001	0.42	S-May 2016	-0.9
Butter and margarine ⁵	0.069	-0.3	0.000	0.65	S-May 2016	-3.1
Butter ⁶		0.5		0.92	L-Jun.2016	1.6
Margarine ⁶		-0.7		1.02	S-May 2016	-2.0
Salad dressing ⁵	0.057	-1.5	-0.001	0.82	S-May 2014	-1.7
Other fats and oils including peanut butter ⁵	0.109	0.0	0.000	0.62	L-May 2016	0.0

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Peanut butter ^{4, 5, 6}		1.2		1.00	L-May 2016	3.1
Other foods.....	1.486	-0.2	-0.004	0.28	L-Jun.2016	0.1
Soups.....	0.097	-0.3	0.000	1.02	L-May 2016	0.8
Frozen and freeze dried prepared foods ⁴	0.263	-0.6	-0.002	0.63	—	—
Snacks ⁴	0.335	0.5	0.002	0.66	L-Mar.2016	1.0
Spices, seasonings, condiments, sauces.....	0.289	-1.3	-0.004	0.59	S-May 2016	-1.5
Salt and other seasonings and spices ^{5, 6}		0.4		0.93	L-Apr.2016	1.6
Olives, pickles, relishes ^{4, 5, 6}		-4.0		1.56	S-May 2014	-4.9
Sauces and gravies ^{5, 6}		-1.6		0.87	S-Feb.2016	-2.0
Other condiments ⁶		-1.5		0.97	S-May 2016	-1.9
Baby food ^{4, 5}	0.056	-0.4	0.000	0.38	S-Jun.2016	-0.5
Other miscellaneous foods ^{4, 5}	0.447	-0.8	-0.004	0.51	S-Jan.2016	-1.8
Prepared salads ^{4, 7, 6}		-0.8		0.55	L-Jun.2016	0.7
Food away from home ⁴	5.772	0.2	0.013	0.06	—	—
Full service meals and snacks ^{4, 5}	2.796	0.3	0.008	0.07	L-May 2016	0.3
Limited service meals and snacks ^{4, 5}	2.453	0.2	0.004	0.10	—	—
Food at employee sites and schools ⁵	0.196	-0.7	-0.001	0.16	S-Jul.2015	-3.1
Food at elementary and secondary schools ^{4, 8, 6}				0.08	—	—
Food from vending machines and mobile vendors ^{4, 5}	0.082	0.0	0.000	0.34	S-May 2016	-0.2
Other food away from home ^{4, 5}	0.247	0.0	0.000	0.11	S-Jun.2016	0.0
Energy.....	7.158	0.0	-0.001	0.15	L-Jun.2016	1.3
Energy commodities.....	3.430	-0.9	-0.030	0.12	L-Jun.2016	3.3
Fuel oil and other fuels.....	0.175	-1.5	-0.003	0.53	S-Mar.2016	-2.0
Fuel oil ⁴	0.093	-2.5	-0.002	0.37	S-Feb.2016	-2.9
Propane, kerosene, and firewood ⁹	0.082	-2.7	-0.002	0.78	S-Jan.2015	-4.0
Motor fuel.....	3.255	-0.9	-0.027	0.12	L-Jun.2016	3.3
Gasoline (all types).....	3.207	-0.9	-0.027	0.12	L-Jun.2016	3.3
Gasoline, unleaded regular ⁶		-0.8		0.38	L-Jun.2016	3.4
Gasoline, unleaded midgrade ^{10, 6}		-0.3		0.36	L-Jun.2016	3.1
Gasoline, unleaded premium ⁶		-1.2		0.31	L-Jun.2016	2.8
Other motor fuels ⁵	0.048	-1.4	-0.001	0.12	S-Feb.2016	-7.5
Energy services ¹¹	3.728	0.8	0.030	0.28	S-Jun.2016	-0.5
Electricity ¹¹	2.956	0.5	0.014	0.35	—	—
Utility (piped) gas service ¹¹	0.773	2.1	0.016	0.28	S-Jun.2016	-0.4
All items less food and energy.....	79.086	0.3	0.200	0.04	L-Feb.2016	0.3
Commodities less food and energy commodities.....	19.326	0.1	0.011	0.09	L-Feb.2016	0.3
Household furnishings and supplies ¹²	3.220	-0.2	-0.006	0.16	S-Jun.2016	-0.3
Window and floor coverings and other linens ^{4, 5}	0.262	-0.4	-0.001	0.56	S-Jun.2016	-0.9
Floor coverings ^{4, 5}	0.059	0.7	0.000	0.41	L-Mar.2016	1.0
Window coverings ^{4, 5}	0.053	-0.8	0.000	0.50	S-Jun.2016	-1.3
Other linens ^{4, 5}	0.150	-0.7	-0.001	0.83	S-Jun.2016	-1.3
Furniture and bedding ⁴	0.762	-1.2	-0.009	0.31	S-Aug.2015	-1.3
Bedroom furniture ⁴	0.269	-0.5	-0.001	0.47	L-Jun.2016	-0.5
Living room, kitchen, and dining room furniture ^{4, 5}	0.361	-1.8	-0.006	0.50	S-Aug.2015	-2.2
Other furniture ⁵	0.127	-0.3	0.000	0.61	S-Jun.2016	-0.8
Infants' furniture ^{4, 8, 6}						
Appliances ⁵	0.185	-0.5	-0.001	0.46	S-Mar.2016	-0.8
Major appliances ⁵	0.057	-0.3	0.000	0.67	L-May 2016	0.3
Laundry equipment ⁶		-1.4		0.95	L-Jun.2016	0.1
Other appliances ^{4, 5}	0.126	-0.9	-0.001	0.66	S-Mar.2016	-1.7
Other household equipment and furnishings ⁵	0.463	0.4	0.002	0.51	L-Sep.2015	0.7
Clocks, lamps, and decorator items ⁴	0.243	-0.5	-0.001	0.88	S-Jun.2016	-1.5

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 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	0.097	1.6	0.002	0.50	L-Sep.2015	2.2
Dishes and flatware ^{4, 5}	0.052	0.0	0.000	1.23	S-Jun.2016	-1.6
Nonelectric cookware and tableware ⁵	0.071	-0.1	0.000	0.42	L-Apr.2016	1.7
Tools, hardware, outdoor equipment and supplies ⁵	0.680	-0.3	-0.002	0.25	S-May 2016	-0.3
Tools, hardware and supplies ^{4, 5}	0.180	-0.6	-0.001	0.39	S-Apr.2016	-0.8
Outdoor equipment and supplies ⁵	0.339	-0.1	0.000	0.32	S-May 2016	-0.5
Housekeeping supplies ⁴	0.867	-0.1	-0.001	0.26	L-Jun.2016	0.1
Household cleaning products ⁵	0.345	-0.5	-0.002	0.45	S-Oct.2015	-0.5
Household paper products ^{4, 5}	0.234	0.5	0.001	0.43	L-Nov.2015	0.5
Miscellaneous household products ^{4, 5}	0.288	0.2	0.000	0.41	L-Feb.2016	0.6
Apparel.....	3.054	0.2	0.006	0.41	L-May 2016	0.8
Men's and boys' apparel.....	0.778	1.2	0.009	0.74	L-May 2016	1.2
Men's apparel.....	0.622	1.2	0.008	0.80	L-May 2016	1.7
Men's suits, sport coats, and outerwear.....	0.099	4.5	0.005	2.00	L-EVER	-
Men's furnishings.....	0.199	0.8	0.002	0.89	L-May 2016	2.9
Men's shirts and sweaters ⁵	0.172	1.0	0.002	1.56	S-Jun.2016	-1.8
Men's pants and shorts.....	0.146	1.6	0.002	1.57	L-Dec.2015	2.0
Boys' apparel.....	0.155	0.4	0.001	1.48	S-May 2016	-0.8
Women's and girls' apparel.....	1.220	-1.4	-0.018	0.73	S-Mar.2013	-1.4
Women's apparel.....	1.032	-2.4	-0.026	0.78	S-Dec.2004	-2.8
Women's outerwear.....	0.065	-6.6	-0.005	2.43	S-Mar.2008	-8.3
Women's dresses.....	0.138	-1.9	-0.003	2.38	S-Dec.2015	-2.1
Women's suits and separates ⁵	0.469	-2.0	-0.010	0.97	S-May 2009	-2.1
Women's underwear, nightwear, sportswear and accessories ⁵	0.350	-1.8	-0.006	0.92	S-Feb.2012	-2.2
Girls' apparel.....	0.188	3.9	0.008	1.83	L-Jan.2015	4.0
Footwear.....	0.680	1.3	0.009	0.73	L-Feb.2016	1.3
Men's footwear ⁴	0.211	0.5	0.001	1.07	L-Apr.2016	0.6
Boys' and girls' footwear.....	0.169	0.7	0.001	1.10	S-Jun.2016	-2.0
Women's footwear.....	0.299	2.3	0.007	1.17	L-Jan.2006	2.6
Infants' and toddlers' apparel.....	0.149	1.0	0.001	0.98	S-Jun.2016	-2.5
Jewelry and watches ⁹	0.228	1.8	0.004	0.78	L-May 2016	4.1
Watches ^{4, 9}	0.084	-1.5	-0.001	0.87	S-Mar.2016	-4.4
Jewelry ⁹	0.144	3.3	0.005	0.96	L-May 2016	4.2
Transportation commodities less motor fuel ¹²	6.275	-0.2	-0.010	0.09	-	-
New vehicles.....	3.686	0.0	0.001	0.14	S-Jun.2016	-0.2
New cars and trucks ^{5, 6}		0.0		0.12	S-Jun.2016	-0.2
New cars ⁶		0.0		0.14	S-Jun.2016	-0.2
New trucks ^{14, 6}		0.0		0.13	S-Jun.2016	-0.1
Used cars and trucks.....	2.108	-0.6	-0.012	0.01	L-Apr.2016	-0.3
Motor vehicle parts and equipment ⁴	0.386	0.5	0.002	0.21	L-Nov.2015	0.5
Tires ⁴	0.230	0.8	0.002	0.29	L-Dec.2011	1.1
Vehicle accessories other than tires ^{4, 5}	0.155	0.2	0.000	0.27	L-Jun.2016	0.6
Vehicle parts and equipment other than tires ^{4, 6}		-0.5		0.24	S-Oct.2015	-1.2
Motor oil, coolant, and fluids ^{4, 6}		3.3		0.52	L-Nov.2012	3.9
Medical care commodities.....	1.841	1.1	0.020	0.21	L-Jun.2016	1.1
Medicinal drugs ^{4, 12}	1.781	1.2	0.021	0.22	L-EVER	-
Prescription drugs.....	1.422	1.3	0.019	0.24	L-Jun.2016	1.3
Nonprescription drugs ^{4, 12}	0.359	0.2	0.001	0.47	L-May 2016	0.3
Medical equipment and supplies ^{4, 12}	0.060	-0.2	0.000	0.39	S-Apr.2016	-0.3
Recreation commodities ¹²	1.823	0.1	0.001	0.17	L-Apr.2016	0.2
Video and audio products ¹²	0.230	-1.6	-0.004	0.35	S-Jun.2016	-1.8

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Televisions.....	0.113	-2.1	-0.002	0.60	S-Jun.2016	-2.7
Other video equipment ⁵	0.026	-1.1	0.000	0.78	S-Jun.2016	-1.4
Audio equipment.....	0.061	-1.6	-0.001	0.55	S-Apr.2016	-1.6
Audio discs, tapes and other media ^{4, 5}	0.023	-0.4	0.000	0.62	L-May 2016	0.3
Pets and pet products ⁴	0.587	0.4	0.002	0.30	L-Apr.2016	0.4
Pet food ^{4, 5, 6}		0.3		0.33	L-Jun.2016	0.3
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		0.4		0.43	L-Feb.2016	0.5
Sporting goods ⁴	0.438	-0.3	-0.001	0.31	S-Jun.2016	-1.4
Sports vehicles including bicycles ⁴	0.229	-0.2	0.000	0.43	S-Jun.2016	-1.2
Sports equipment.....	0.200	-0.2	0.000	0.44	S-Jun.2016	-1.6
Photographic equipment and supplies.....	0.038	1.1	0.000	0.96	S-May 2016	0.2
Film and photographic supplies ^{4, 5, 6}		0.1		0.64	S-Jun.2016	0.0
Photographic equipment ^{5, 6}		1.5		1.06	S-May 2016	-0.1
Recreational reading materials ⁴	0.148	1.7	0.003	0.48	L-EVER	—
Newspapers and magazines ^{4, 5}	0.087	-0.9	-0.001	0.68	S-Apr.2016	-1.1
Recreational books ^{4, 5}	0.061	5.3	0.003	0.59	L-EVER	—
Other recreational goods ⁵	0.382	0.3	0.001	0.48	L-Dec.2014	0.3
Toys.....	0.310	0.5	0.002	0.59	L-Dec.2014	0.9
Toys, games, hobbies and playground equipment ^{1, 6}		1.0		0.68	L-Feb.2012	1.3
Sewing machines, fabric and supplies ^{4, 5}	0.024	-1.6	0.000	1.32	S-Jun.2016	-5.3
Music instruments and accessories ^{4, 5}	0.034	0.0	0.000	0.42	S-Jun.2016	0.0
Education and communication commodities ¹²	0.623	0.0	0.000	0.30	L-Apr.2016	0.7
Educational books and supplies.....	0.161	0.2	0.000	0.45	S-May 2016	0.1
College textbooks ^{4, 15, 6}		1.6		0.41	L-Apr.2016	1.6
Information technology commodities ¹²	0.463	-0.1	0.000	0.40	L-Apr.2016	0.5
Personal computers and peripheral equipment ⁷	0.280	0.4	0.001	0.49	L-Dec.2013	1.3
Computer software and accessories ^{4, 5}	0.090	-1.3	-0.001	0.82	S-May 2016	-4.3
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.093	-0.2	0.000	0.84	L-May 2016	0.1
Alcoholic beverages.....	0.949	0.0	0.000	0.16	L-Jun.2016	0.1
Alcoholic beverages at home.....	0.585	-0.1	0.000	0.23	L-Jun.2016	0.1
Beer, ale, and other malt beverages at home.....	0.267	-0.1	0.000	0.28	—	—
Distilled spirits at home.....	0.074	-0.5	0.000	0.39	S-May 2016	-0.9
Whiskey at home ^{4, 6}		0.3		0.40	S-May 2016	-2.7
Distilled spirits, excluding whiskey, at home ⁶		-0.7		0.55	S-Feb.2014	-0.8
Wine at home.....	0.244	-0.3	-0.001	0.44	—	—
Alcoholic beverages away from home ⁴	0.365	0.1	0.000	0.18	—	—
Beer, ale, and other malt beverages away from home ^{4, 5, 6}		-0.1		0.15	S-Mar.2016	-0.2
Wine away from home ^{4, 5, 6}		0.6		0.24	L-Nov.2014	0.7
Distilled spirits away from home ^{4, 5, 6}		-0.1		0.20	—	—
Other goods ¹²	1.540	0.4	0.006	0.18	L-Oct.2015	0.5
Tobacco and smoking products.....	0.653	0.7	0.005	0.16	L-Oct.2014	0.7
Cigarettes ⁵	0.591	0.8	0.005	0.17	L-Apr.2013	0.9
Tobacco products other than cigarettes ^{4, 5}	0.045	-0.2	0.000	0.53	S-Apr.2016	-0.2
Personal care products ⁴	0.704	0.3	0.002	0.31	L-Oct.2015	0.6
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.375	-0.2	-0.001	0.46	S-Jun.2016	-0.3
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.323	0.8	0.003	0.40	L-Oct.2015	1.0
Miscellaneous personal goods ⁵	0.183	-0.6	-0.001	0.44	L-Jun.2016	-0.5
Stationery, stationery supplies, gift wrap ⁶		-1.0		0.54	L-Jun.2016	-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, August 2016, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Infants' equipment ^{4, 8, 6}		0.9		0.51	L-Aug.2015	3.0
Services less energy services.....	59.761	0.3	0.183	0.04	L-Jun.2016	0.3
Shelter.....	33.320	0.3	0.112	0.06	L-Jun.2016	0.3
Rent of shelter ¹⁶	32.976	0.4	0.117	0.06	L-Jun.2016	0.4
Rent of primary residence ¹¹	7.748	0.3	0.025	0.04	—	—
Lodging away from home ⁵	0.971	2.0	0.018	1.89	L-Jan.2016	2.0
Housing at school, excluding board ^{11, 16}	0.119	-0.1	0.000	0.04	S-Aug.2015	-0.4
Other lodging away from home including hotels and motels.....	0.852	2.3	0.018	2.30	L-Jul.2015	3.2
Owners' equivalent rent of residences ^{11, 16}	24.257	0.3	0.069	0.03	—	—
Owners' equivalent rent of primary residence ^{11, 16}	23.145	0.3	0.066	0.03	—	—
Tenants' and household insurance ^{4, 5}	0.344	0.0	0.000	0.31	S-Jun.2016	0.0
Water and sewer and trash collection services ⁵	1.158	0.2	0.003	0.13	L-Jun.2016	0.2
Water and sewerage maintenance ¹¹	0.874	0.3	0.002	0.16	L-Jun.2016	0.3
Garbage and trash collection ^{4, 14}	0.283	0.2	0.000	0.17	—	—
Household operations ^{4, 5}	0.850	-0.1	-0.001	0.14	S-Apr.2016	-0.3
Domestic services ^{4, 5}	0.281	0.1	0.000	0.12	L-Feb.2016	0.1
Gardening and lawn care services ^{4, 5}	0.278	0.0	0.000	0.09	S-May.2016	-0.1
Moving, storage, freight expense ⁵	0.121	-1.3	-0.002	0.59	S-Dec.2014	-1.7
Repair of household items ^{4, 5}	0.087	0.1	0.000	0.12	—	—
Medical care services.....	6.637	0.9	0.063	0.08	L-Nov.1990	0.9
Professional services.....	3.148	0.5	0.015	0.10	—	—
Physicians' services ¹¹	1.696	0.7	0.012	0.13	—	—
Dental services ¹¹	0.814	0.5	0.004	0.11	L-Apr.2016	0.7
Eyeglasses and eye care ^{4, 9}	0.323	-0.3	-0.001	0.38	—	—
Services by other medical professionals ^{11, 9}	0.315	-0.3	-0.001	0.14	S-Jun.2016	-0.5
Hospital and related services.....	2.479	1.6	0.039	0.11	L-Oct.2015	1.8
Hospital services ^{11, 17}	2.210	1.7	0.038	0.12	L-Oct.2015	2.0
Inpatient hospital services ^{11, 17, 6}		1.4		0.21	L-Oct.2015	2.3
Outpatient hospital services ^{11, 9, 6}		1.8		0.20	L-Apr.2015	1.8
Nursing homes and adult day services ^{11, 17}	0.193	0.5	0.001	0.10	L-Apr.2016	0.5
Care of invalids and elderly at home ^{4, 8}	0.077	-0.2	0.000	0.10	S-Mar.2016	-0.3
Health insurance ^{4, 8}	1.009	1.1	0.011	0.08	L-Feb.2016	1.3
Transportation services.....	5.908	0.1	0.007	0.14	L-Jun.2016	0.3
Leased cars and trucks ¹⁵	0.560	-1.2	-0.007	0.31	S-May.2015	-1.2
Car and truck rental ⁵	0.118	-3.4	-0.004	1.50	S-Dec.2015	-4.3
Motor vehicle maintenance and repair ⁴	1.160	0.0	-0.001	0.17	S-Feb.2016	0.0
Motor vehicle body work ⁴	0.057	0.0	0.000	0.14	S-Dec.2015	0.0
Motor vehicle maintenance and servicing ⁴	0.672	0.1	0.001	0.20	S-Jun.2016	-0.1
Motor vehicle repair ^{4, 5}	0.389	-0.4	-0.001	0.27	S-Nov.2014	-0.4
Motor vehicle insurance.....	2.411	0.5	0.011	0.23	L-May.2016	0.9
Motor vehicle fees ^{4, 5}	0.528	0.3	0.002	0.11	S-Jun.2016	0.0
State motor vehicle registration and license fees ^{4, 11, 5}	0.282	0.3	0.001	0.08	S-Jun.2016	0.0
Parking and other fees ⁵	0.235	0.3	0.001	0.18	L-Jun.2016	0.3
Parking fees and tolls ^{4, 5, 6}		0.2		0.24	S-Jun.2016	0.0
Automobile service clubs ^{4, 5, 6}		0.1		0.17	L-Jun.2016	0.3
Public transportation.....	1.132	0.4	0.005	0.36	L-Jun.2016	0.5
Airline fare.....	0.669	-0.1	-0.001	0.51	L-Jun.2016	1.6
Other intercity transportation.....	0.179	1.5	0.003	0.67	L-May.2016	2.5
Intercity bus fare ^{4, 7, 6}						
Intercity train fare ^{4, 7, 6}		-0.6		1.12	S-Jan.2016	-3.6

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Ship fare ^{4, 5, 6}		1.5		0.79	L-May 2016	3.1
Intracity transportation ⁴	0.280	0.0	0.000	0.06	S-Jun.2016	0.0
Intracity mass transit ^{4, 12, 6}		0.0		0.08	S-Jun.2016	0.0
Recreation services ¹²	3.898	-0.1	-0.005	0.16	S-Sep.2015	-0.1
Video and audio services ¹²	1.641	-0.3	-0.004	0.13	S-Aug.2014	-0.4
Cable and satellite television and radio service ¹⁴	1.535	-0.2	-0.004	0.13	S-Nov.2014	-0.2
Video discs and other media, including rental of video and audio ^{4, 5}	0.106	-0.6	-0.001	0.90	L-Jun.2016	0.7
Video discs and other media ^{4, 5, 6}		-0.8		1.27	L-Jun.2016	-0.2
Rental of video or audio discs and other media ^{4, 5, 6}		0.2		0.29	L-Jun.2016	1.8
Pet services including veterinary ⁵	0.370	0.2	0.001	0.11	S-Jun.2016	0.1
Pet services ^{4, 5, 6}		0.0		0.12	S-May 2016	-0.1
Veterinarian services ^{5, 6}		0.2		0.12	—	—
Photographers and film processing ^{4, 5}	0.049	0.3	0.000	0.39	—	—
Photographer fees ^{4, 5, 6}		0.0		0.14	—	—
Film processing ^{4, 5, 6}		1.0		0.57	L-May 2016	1.1
Other recreation services ⁵	1.837	-0.1	-0.001	0.33	—	—
Club dues and fees for participant sports and group exercises ^{4, 5}	0.643	-0.2	-0.001	0.45	L-Jun.2016	0.4
Admissions ⁴	0.648	0.0	0.000	0.55	S-Mar.2016	0.0
Admission to movies, theaters, and concerts ^{4, 5, 6}		0.3		0.52	L-Jun.2016	0.5
Admission to sporting events ^{4, 5, 6}		-0.4		0.66	S-Mar.2016	-4.6
Fees for lessons or instructions ^{4, 9}	0.220	0.1	0.000	0.18	S-May 2016	0.0
Education and communication services ¹²	6.369	0.1	0.003	0.07	L-Jun.2016	0.1
Tuition, other school fees, and childcare.....	2.995	-0.1	-0.002	0.08	—	—
College tuition and fees.....	1.776	-0.4	-0.007	0.12	S-Sep.1987	-0.6
Elementary and high school tuition and fees.....	0.309	0.2	0.001	0.07	L-Jun.2016	0.2
Child care and nursery school ¹³	0.738	0.5	0.004	0.11	L-Apr.2015	0.8
Technical and business school tuition and fees ⁵	0.042	0.2	0.000	0.10	—	—
Postage and delivery services ⁵	0.137	0.0	0.000	0.02	—	—
Postage ⁴	0.130	0.0	0.000	0.00	—	—
Delivery services ⁵	0.007	0.3	0.000	0.18	L-May 2016	1.0
Telephone services ^{4, 5}	2.511	0.1	0.002	0.10	L-Jan.2016	0.1
Wireless telephone services ^{4, 5}	1.787	-0.1	-0.002	0.12	L-Jun.2016	0.0
Land-line telephone services ^{4, 12}	0.725	0.6	0.004	0.13	L-Jan.2016	0.7
Internet services and electronic information providers ⁵	0.715	0.4	0.003	0.26	L-Jan.2016	0.8
Other personal services ^{4, 12}	1.621	0.1	0.001	0.08	S-Feb.2016	0.1
Personal care services ⁴	0.606	0.2	0.001	0.11	L-May 2016	0.3
Haircuts and other personal care services ^{4, 5}	0.606	0.2	0.001	0.11	L-May 2016	0.3
Miscellaneous personal services.....	1.015	-0.1	-0.001	0.10	S-Feb.2015	-0.2
Legal services ^{4, 9}	0.245	0.0	0.000	0.15	S-Mar.2016	0.0
Funeral expenses ^{4, 9}	0.144	0.1	0.000	0.12	S-Apr.2016	0.0
Laundry and dry cleaning services ^{4, 5}	0.267	0.1	0.000	0.11	S-May 2016	0.1
Apparel services other than laundry and dry cleaning ^{4, 5}	0.026	0.0	0.000	0.17	S-Jun.2016	-0.1
Financial services ^{4, 9}	0.235	-0.2	-0.001	0.28	S-Dec.2015	-0.3
Checking account and other bank services ^{4, 5, 6}		0.0		0.02	—	—
Tax return preparation and other accounting fees ^{4, 5, 6}		-0.3		0.39	S-Dec.2015	-0.3

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 1-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	One Month				
		Seasonally adjusted percent change Jul. 2016-Aug. 2016	Seasonally adjusted effect on All Items Jul. 2016-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Special aggregate indexes						
All items less food.....	86.244	0.2	0.199	0.04	L-Jun.2016	0.3
All items less shelter.....	66.680	0.1	0.087	0.04	L-Jun.2016	0.2
All items less food and shelter.....	52.925	0.2	0.087	0.05	L-Jun.2016	0.2
All items less food, shelter, and energy.....	45.767	0.2	0.088	0.05	L-Feb.2016	0.3
All items less food, shelter, energy, and used cars and trucks.....	43.659	0.2	0.100	0.05	L-May 2016	0.2
All items less medical care.....	91.522	0.1	0.116	0.04	L-Jun.2016	0.2
All items less energy.....	92.842	0.2	0.200	0.03	L-Apr.2016	0.2
Commodities.....	36.511	-0.1	-0.020	0.06	L-Jun.2016	0.1
Commodities less food, energy, and used cars and trucks.....	17.217	0.1	0.023	0.10	L-Feb.2016	0.3
Commodities less food.....	22.755	-0.1	-0.019	0.07	L-Jun.2016	0.3
Commodities less food and beverages.....	21.806	-0.1	-0.019	0.08	L-Jun.2016	0.3
Services.....	63.489	0.3	0.213	0.05	L-Jun.2016	0.3
Services less rent of shelter ¹⁶	30.513	0.4	0.111	0.07	L-Mar.2014	0.5
Services less medical care services.....	56.852	0.3	0.162	0.05	L-May 2016	0.3
Durables.....	9.467	-0.2	-0.023	0.08	—	—
Nondurables.....	27.044	0.3	0.077	0.07	L-Jun.2016	0.4
Nondurables less food.....	13.288	0.6	0.080	0.11	L-Jun.2016	0.8
Nondurables less food and beverages.....	12.339	0.7	0.080	0.11	L-Jun.2016	0.8
Nondurables less food, beverages, and apparel.....	9.285	0.7	0.061	0.08	L-Jun.2016	1.2
Nondurables less food and apparel.....	10.235	0.7	0.066	0.07	L-Jun.2016	1.1
Housing.....	42.451	0.3	0.136	0.06	—	—
Education and communication ⁵	6.993	0.0	0.004	0.07	L-Jun.2016	0.1
Education ⁵	3.156	0.0	-0.002	0.08	L-Jun.2016	0.5
Communication ⁵	3.837	0.1	0.005	0.10	L-Nov.2015	0.2
Information and information processing ⁵	3.700	0.1	0.005	0.10	L-Nov.2015	0.2
Information technology, hardware and services ¹⁸	1.189	0.2	0.003	0.23	L-Oct.2015	0.3
Recreation ⁵	5.720	-0.1	-0.004	0.12	—	—
Video and audio ⁵	1.871	-0.4	-0.008	0.14	S-Nov.2014	-0.5
Pets, pet products and services ⁵	0.957	0.3	0.003	0.20	L-Apr.2016	0.3
Photography ⁵	0.088	0.7	0.001	0.54	S-May 2016	0.4
Food and beverages.....	14.705	0.0	0.000	0.07	—	—
Domestically produced farm food.....	6.674	-0.3	-0.018	0.13	—	—
Other services.....	11.888	0.0	-0.001	0.07	—	—
Apparel less footwear.....	2.374	-0.1	-0.003	0.48	S-Apr.2016	-0.4
Fuels and utilities.....	5.061	0.6	0.030	0.21	S-Jun.2016	-0.2
Household energy.....	3.903	0.7	0.027	0.27	S-Jun.2016	-0.3
Medical care.....	8.478	1.0	0.083	0.08	L-Feb.1984	1.0
Transportation.....	15.438	-0.2	-0.030	0.06	L-Jun.2016	0.6
Private transportation.....	14.306	-0.3	-0.035	0.07	L-Jun.2016	0.6
New and used motor vehicles ⁵	6.567	-0.3	-0.022	0.10	S-Jun.2016	-0.4
Utilities and public transportation.....	10.064	0.2	0.021	0.13	—	—
Household furnishings and operations.....	4.070	-0.1	-0.006	0.13	S-Jun.2016	-0.1
Other goods and services.....	3.161	0.2	0.006	0.09	L-Jun.2016	0.2
Personal care.....	2.508	0.0	0.001	0.11	S-Jun.2016	0.0

¹ The 'effect' of an item category is a measure of that item's contribution to the All items price change. For example, if the Food index had an effect of 0.40, and the All items index rose 1.2 percent, then the increase in food prices contributed 0.40 / 1.2, or 33.3 percent, to that All items increase. Said another way, had food prices been unchanged for that 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)maller or (S)maller than the current month change is identified. If the current and previous published 1-month percent changes are equal, a dash will appear. Standard numerical comparisons are used. For example, 0.8% is greater than 0.6%, -0.4% is less than -0.2%, and -0.2% is less than 0.0%. Note that a (L)arger change can be a smaller decline, for example, a -0.2% change is larger than a -0.4% change, but still represents a decline in the price index. Likewise, (S)maller changes can be increases, for example, a 0.6% change is smaller than 0.8%, but still represents an increase in the price index. In this context, a -0.2% change is considered to be smaller than a 0.0% change.

⁴ Not seasonally adjusted.

⁵ Indexes on a December 1997=100 base.

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

⁷ Indexes on a December 2007=100 base.

⁸ Indexes on a December 2005=100 base.

⁹ Indexes on a December 1986=100 base.

¹⁰ Indexes on a December 1993=100 base.

¹¹ This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

¹² Indexes on a December 2009=100 base.

¹³ Indexes on a December 1990=100 base.

¹⁴ Indexes on a December 1983=100 base.

¹⁵ Indexes on a December 2001=100 base.

¹⁶ Indexes on a December 1982=100 base.

¹⁷ Indexes on a December 1996=100 base.

¹⁸ Indexes on a December 1988=100 base.

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

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 12-month analysis table
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015-Aug. 2016	Unadjusted effect on All Items Aug. 2015-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items.....	100.000	1.1		0.08	L-Apr.2016	1.1
Food.....	13.756	0.0	0.003	0.13	S-Feb.2010	-0.2
Food at home.....	7.983	-1.9	-0.158	0.18	S-Jan.2010	-2.0
Cereals and bakery products.....	1.080	-0.7	-0.008	0.40	L-Jun.2016	-0.4
Cereals and cereal products.....	0.366	-1.6	-0.006	0.67	S-Jun.2016	-1.7
Flour and prepared flour mixes.....	0.045	-1.5	-0.001	0.84	S-Jun.2016	-3.1
Breakfast cereal.....	0.187	-2.0	-0.004	1.05	S-Nov.2010	-2.6
Rice, pasta, cornmeal.....	0.134	-1.1	-0.001	1.01	—	—
Rice ^{4, 5}		-2.0		1.28	L-Mar.2016	-2.0
Bakery products.....	0.713	-0.2	-0.002	0.49	L-Jun.2016	0.3
Bread ⁴	0.213	0.2	0.001	0.84	L-May 2016	0.2
White bread ⁵		0.0		1.17	L-Mar.2016	0.3
Bread other than white ⁵		1.0		1.26	L-Jan.2016	1.2
Fresh biscuits, rolls, muffins ⁴	0.104	-0.4	0.000	1.13	L-Jun.2016	0.9
Cakes, cupcakes, and cookies.....	0.172	-0.3	-0.001	1.20	S-Sep.2014	-0.3
Cookies ⁵		-1.9		1.51	L-Jun.2016	0.1
Fresh cakes and cupcakes ⁵		1.9		1.71	S-Jun.2016	0.9
Other bakery products.....	0.224	-0.5	-0.001	1.03	L-Jun.2016	0.2
Fresh sweetrolls, coffeecakes, doughnuts ⁵		-1.8		1.50	S-Jan.2000	-3.1
Crackers, bread, and cracker products ⁵		0.0		1.50	L-Jun.2016	0.1
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁵		-0.9		1.38	L-Jun.2016	-0.3
Meats, poultry, fish, and eggs.....	1.783	-6.5	-0.127	0.38	S-Dec.1976	-8.5
Meats, poultry, and fish.....	1.679	-3.6	-0.065	0.40	—	—
Meats.....	1.067	-4.4	-0.052	0.51	L-Jun.2016	-3.9
Beef and veal.....	0.480	-7.0	-0.040	0.70	L-Jun.2016	-6.7
Uncooked ground beef.....	0.193	-8.8	-0.020	0.99	L-Mar.2016	-8.8
Uncooked beef roasts ⁴	0.066	-7.4	-0.006	1.52	S-Oct.2009	-8.2
Uncooked beef steaks ⁴	0.173	-5.5	-0.012	1.31	L-Jun.2016	-3.8
Uncooked other beef and veal ⁴	0.048	-4.1	-0.002	1.35	S-Jan.2016	-4.1
Pork.....	0.336	-2.0	-0.007	0.81	S-May 2016	-2.4
Bacon, breakfast sausage, and related products ⁴	0.140	-0.1	0.000	1.18	S-Mar.2016	-2.0
Bacon and related products ⁵		1.2		1.27	S-Feb.2016	-3.0
Breakfast sausage and related products ^{4, 5}		-2.1		1.72	L-Apr.2015	0.6
Ham.....	0.061	-3.7	-0.003	1.93	S-Jun.2016	-3.8
Ham, excluding canned ⁵		-3.8		1.91	S-May 2016	-8.4
Pork chops.....	0.056	-0.5	0.000	1.66	L-Mar.2015	0.9
Other pork including roasts and picnics ⁴	0.078	-4.5	-0.004	1.74	L-Apr.2015	-4.4
Other meats.....	0.252	-2.0	-0.005	0.88	S-Apr.2010	-2.1
Frankfurters ⁵		-3.6		2.45	L-May 2016	-0.9
Lunchmeats ^{4, 5}		-1.3		1.08	S-May 2010	-1.4
Lamb and organ meats ⁵		-1.6		2.53	S-Mar.2016	-4.1
Lamb and mutton ^{4, 5}		-3.0		4.22	S-Mar.2016	-5.7
Poultry.....	0.345	-2.9	-0.010	0.83	L-May 2016	-1.6
Chicken ⁴	0.279	-3.2	-0.009	0.94	L-May 2016	-1.5
Fresh whole chicken ⁵		-3.4		1.98	S-Jun.2016	-6.5
Fresh and frozen chicken parts ⁵		-2.9		1.18	L-Jun.2016	-2.8
Other poultry including turkey ⁴	0.066	-1.2	-0.001	1.61	L-Jun.2016	-0.6
Fish and seafood.....	0.266	-1.0	-0.003	0.84	S-May 2016	-1.2
Fresh fish and seafood ⁴	0.145	1.1	0.002	1.49	S-May 2016	-0.1
Processed fish and seafood ⁴	0.121	-3.4	-0.005	0.95	L-Jun.2016	-2.4
Shelf stable fish and seafood ⁵		-1.3		1.25	L-Jun.2016	0.8

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015-Aug. 2016	Unadjusted effect on All Items Aug. 2015-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Frozen fish and seafood ⁵		-5.2		1.70	L-Jun.2016	-4.7
Eggs.....	0.105	-37.9	-0.062	1.09	S-Jan.1985	-39.5
Dairy and related products.....	0.808	-2.4	-0.020	0.42	L-Jun.2016	-2.2
Milk ⁴	0.225	-4.9	-0.012	0.64	L-Mar.2015	-4.5
Fresh whole milk ⁵		-4.4		1.04	L-Feb.2015	-2.0
Fresh milk other than whole ^{4, 5}		-5.5		0.89	L-May 2016	-5.5
Cheese and related products.....	0.263	-2.4	-0.006	0.81	L-May 2016	-1.9
Ice cream and related products.....	0.113	0.5	0.001	1.18	S-Apr.2016	0.0
Other dairy and related products ⁴	0.207	-1.1	-0.002	0.81	S-Apr.2014	-1.5
Fruits and vegetables.....	1.343	0.3	0.003	0.60	S-Oct.2015	0.1
Fresh fruits and vegetables.....	1.041	0.8	0.007	0.73	S-Dec.2015	0.8
Fresh fruits.....	0.560	1.7	0.009	1.01	S-Dec.2015	1.1
Apples.....	0.093	10.3	0.009	2.01	L-Apr.2016	10.5
Bananas.....	0.087	-2.4	-0.002	0.98	S-Apr.2013	-2.4
Citrus fruits ⁴	0.162	1.1	0.001	2.67	S-Feb.2016	1.0
Oranges, including tangerines ⁵		-2.0		2.41	S-May 2015	-4.8
Other fresh fruits ⁴	0.218	1.2	0.001	1.57	S-Jun.2016	0.9
Fresh vegetables.....	0.482	-0.2	-0.002	0.92	S-Jul.2015	-1.1
Potatoes.....	0.082	1.9	0.002	1.93	L-Jun.2016	2.6
Lettuce.....	0.062	-2.5	-0.001	2.31	L-Jun.2016	-2.1
Tomatoes.....	0.079	0.0	0.000	1.99	L-Apr.2016	0.3
Other fresh vegetables.....	0.259	-0.5	-0.002	1.33	S-Jul.2015	-1.1
Processed fruits and vegetables ⁴	0.301	-1.3	-0.004	0.64	S-Nov.2010	-1.6
Canned fruits and vegetables ⁴	0.157	-1.4	-0.002	1.05	S-Mar.2015	-1.6
Canned fruits ^{4, 5}		-0.4		1.33	S-Nov.2014	-0.7
Canned vegetables ^{4, 5}		-2.0		1.44	S-Dec.2015	-2.0
Frozen fruits and vegetables ⁴	0.088	-0.1	0.000	1.18	S-May 2016	-0.4
Frozen vegetables ⁵		-1.2		1.47	S-May 2016	-1.2
Other processed fruits and vegetables including dried ⁴	0.056	-2.9	-0.002	1.17	S-EVER	—
Dried beans, peas, and lentils ^{4, 5}		-3.4		2.10	S-Sep.2013	-3.5
Nonalcoholic beverages and beverage materials.....	0.956	-0.6	-0.006	0.45	S-Jun.2014	-1.0
Juices and nonalcoholic drinks ⁴	0.671	0.0	0.000	0.53	S-Jun.2016	0.0
Carbonated drinks.....	0.271	0.0	0.000	0.84	S-Apr.2015	0.0
Frozen noncarbonated juices and drinks ⁴	0.011	-1.5	0.000	1.20	L-Jun.2016	0.6
Nonfrozen noncarbonated juices and drinks ⁴	0.390	0.2	0.001	0.83	L-Mar.2016	0.7
Beverage materials including coffee and tea ⁴	0.284	-2.2	-0.006	0.78	—	—
Coffee.....	0.179	-3.8	-0.006	1.06	L-Jun.2016	-2.2
Roasted coffee ⁵		-4.3		1.22	S-May 2014	-4.8
Instant and freeze dried coffee ⁵		-0.4		1.65	L-May 2015	1.9
Other beverage materials including tea ⁴	0.106	0.4	0.000	0.88	S-Jun.2016	-1.4
Other food at home.....	2.013	-0.1	-0.001	0.34	S-Apr.2014	-0.5
Sugar and sweets.....	0.292	-0.6	-0.002	0.76	L-Jun.2016	-0.2
Sugar and artificial sweeteners.....	0.050	-1.3	-0.001	1.02	L-Jun.2016	-0.8
Candy and chewing gum ⁴	0.186	-0.3	-0.001	1.19	S-May 2016	-0.3
Other sweets ⁴	0.055	-0.6	0.000	0.96	L-May 2016	-0.2
Fats and oils.....	0.235	-0.5	-0.001	0.66	S-Jan.2016	-0.8
Butter and margarine ⁴	0.069	2.1	0.002	1.16	S-May 2016	1.3
Butter ⁵		2.6		1.61	S-Feb.2016	1.6
Margarine ⁵		2.3		1.36	S-Jun.2016	1.3
Salad dressing ⁴	0.057	-0.7	0.000	1.06	S-Jun.2016	-0.9
Other fats and oils including peanut butter ⁴	0.109	-2.2	-0.002	1.06	S-Jan.2016	-2.2
Peanut butter ^{4, 5}		-1.9		1.50	L-May 2016	-0.6
Other foods.....	1.486	0.1	0.002	0.40	S-Apr.2014	-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, August 2016, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015-Aug. 2016	Unadjusted effect on All Items Aug. 2015-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Soups.....	0.097	0.5	0.000	1.38	—	—
Frozen and freeze dried prepared foods.....	0.263	-1.1	-0.003	0.91	L-Jun.2016	-0.7
Snacks.....	0.335	0.8	0.003	1.07	L-Jun.2016	0.8
Spices, seasonings, condiments, sauces.....	0.289	0.2	0.000	0.90	S-Apr.2014	-0.4
Salt and other seasonings and spices ^{4, 5}		2.4		1.35	S-Jan.2015	2.4
Olives, pickles, relishes ^{4, 5}		0.2		2.00	S-May 2016	-0.2
Sauces and gravies ^{4, 5}		-0.9		1.34	S-Jun.2016	-2.7
Other condiments ⁵		1.2		1.74	S-May 2016	0.5
Baby food ⁴	0.056	1.6	0.001	0.77	S-Jun.2016	1.4
Other miscellaneous foods ⁴	0.447	0.2	0.001	0.70	L-Jun.2016	0.7
Prepared salads ^{6, 5}		0.3		1.20	S-Mar.2011	0.1
Food away from home.....	5.772	2.8	0.161	0.17	—	—
Full service meals and snacks ⁴	2.796	2.4	0.067	0.23	L-Jun.2016	2.4
Limited service meals and snacks ⁴	2.453	2.8	0.068	0.29	S-Jun.2016	2.8
Food at employee sites and schools ⁴	0.196	10.4	0.021	0.64	S-Jun.2016	5.5
Food at elementary and secondary schools ^{7, 5}		12.0		0.41	L-EVER	—
Food from vending machines and mobile vendors ⁴	0.082	3.4	0.003	1.22	—	—
Other food away from home ⁴	0.247	1.1	0.003	0.44	L-May 2016	1.8
Energy.....	7.158	-9.2	-0.752	0.17	L-Apr.2016	-8.9
Energy commodities.....	3.430	-17.3	-0.736	0.19	L-Jun.2016	-15.3
Fuel oil and other fuels.....	0.175	-7.7	-0.014	0.81	L-Nov.2014	-6.3
Fuel oil.....	0.093	-12.8	-0.014	0.82	L-Nov.2014	-10.1
Propane, kerosene, and firewood ⁶	0.082	-0.8	-0.001	1.48	S-Jun.2016	-2.1
Motor fuel.....	3.255	-17.8	-0.722	0.20	L-Jun.2016	-15.4
Gasoline (all types).....	3.207	-17.8	-0.715	0.20	L-Jun.2016	-15.4
Gasoline, unleaded regular ⁵		-18.4		0.46	L-Jun.2016	-16.0
Gasoline, unleaded midgrade ^{9, 5}		-16.0		0.52	L-Jun.2016	-13.1
Gasoline, unleaded premium ⁵		-15.2		0.38	L-Jun.2016	-12.8
Other motor fuels ⁴	0.048	-12.7	-0.007	0.26	L-Dec.2014	-11.9
Energy services ¹⁰	3.728	-0.4	-0.016	0.30	L-Feb.2015	0.9
Electricity ¹⁰	2.956	-0.7	-0.025	0.38	L-Nov.2015	-0.2
Utility (piped) gas service ¹⁰	0.773	1.1	0.009	0.49	L-Dec.2014	5.8
All items less food and energy.....	79.086	2.3	1.814	0.10	L-Jun.2016	2.3
Commodities less food and energy commodities.....	19.326	-0.5	-0.085	0.24	L-May 2016	-0.5
Household furnishings and supplies ¹¹	3.220	-1.7	-0.057	0.30	L-Mar.2016	-1.3
Window and floor coverings and other linens ⁴	0.262	-1.1	-0.003	1.12	L-Feb.2016	-1.1
Floor coverings ⁴	0.059	2.3	0.001	1.00	L-Aug.2014	2.3
Window coverings ⁴	0.053	1.9	0.001	1.32	L-Mar.2013	2.4
Other linens ⁴	0.150	-3.4	-0.005	1.68	L-Feb.2016	-1.0
Furniture and bedding.....	0.762	-2.9	-0.023	0.70	L-May 2016	-2.5
Bedroom furniture.....	0.269	-1.0	-0.003	1.13	S-Jun.2016	-1.6
Living room, kitchen, and dining room furniture ⁴	0.361	-2.7	-0.010	1.16	L-May 2016	-2.1
Other furniture ⁴	0.127	-7.3	-0.010	1.75	S-Apr.2016	-7.4
Infants' furniture ^{7, 5}						
Appliances ⁴	0.185	-3.0	-0.007	0.92	S-Jun.2016	-3.0
Major appliances ⁴	0.057	-6.0	-0.005	1.24	S-Jul.2015	-6.0
Laundry equipment ⁵		-7.8		1.34	S-Feb.2015	-8.3
Other appliances ⁴	0.126	-1.6	-0.002	1.22	L-Feb.2016	-0.9
Other household equipment and furnishings ⁴	0.463	-3.4	-0.016	0.97	L-Jun.2016	-3.1
Clocks, lamps, and decorator items.....	0.243	-4.4	-0.011	1.78	L-May 2016	-4.1
Indoor plants and flowers ¹²	0.097	-1.3	-0.001	1.42	L-Jun.2016	-0.2
Dishes and flatware ⁴	0.052	-4.7	-0.002	2.60	S-Jan.2015	-6.6
Nonelectric cookware and tableware ⁴	0.071	-2.6	-0.002	1.20	S-Mar.2016	-3.2

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015- Aug. 2016	Unadjusted effect on All Items Aug. 2015- Aug. 2016 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 ...	0.680	-0.8	-0.006	0.69	—	—
Tools, hardware and supplies ⁴	0.180	-1.7	-0.003	1.14	S-May 2016	-2.5
Outdoor equipment and supplies ⁴	0.339	-0.3	-0.001	0.82	L-Mar.2016	-0.2
Housekeeping supplies.....	0.867	-0.2	-0.002	0.45	L-Jun.2016	-0.1
Household cleaning products ⁴	0.345	0.5	0.002	0.73	S-May 2016	-0.4
Household paper products ⁴	0.234	0.3	0.001	0.95	L-Mar.2016	0.5
Miscellaneous household products ⁴	0.288	-1.5	-0.004	0.87	L-Jun.2016	-1.0
Apparel.....	3.054	0.3	0.005	1.10	—	—
Men's and boys' apparel.....	0.778	1.6	0.013	1.58	L-Oct.2013	2.2
Men's apparel.....	0.622	1.1	0.007	1.68	L-Dec.2015	1.1
Men's suits, sport coats, and outerwear.....	0.099	-0.2	-0.001	4.45	L-May 2016	0.0
Men's furnishings.....	0.199	1.2	0.002	1.95	L-Jun.2016	1.5
Men's shirts and sweaters ⁴	0.172	4.4	0.008	3.27	S-Jun.2016	0.5
Men's pants and shorts.....	0.146	-1.4	-0.003	2.93	L-Feb.2016	2.4
Boys' apparel.....	0.155	3.2	0.006	3.15	L-Nov.2015	3.6
Women's and girls' apparel.....	1.220	-0.8	-0.013	2.28	S-Apr.2016	-1.0
Women's apparel.....	1.032	-0.4	-0.007	2.36	S-Apr.2016	-0.6
Women's outerwear.....	0.065	2.1	0.003	6.49	S-Jan.2016	-1.1
Women's dresses.....	0.138	-3.9	-0.006	11.82	S-Mar.2016	-6.3
Women's suits and separates ⁴	0.469	-0.5	-0.004	2.53	S-May 2016	-1.6
Women's underwear, nightwear, sportswear and accessories ⁴	0.350	0.1	0.000	2.23	S-Jan.2016	-0.7
Girls' apparel.....	0.188	-2.8	-0.006	5.34	L-Jun.2016	1.1
Footwear.....	0.680	-0.5	-0.004	1.58	L-May 2016	0.5
Men's footwear.....	0.211	-1.3	-0.003	2.42	S-Dec.2015	-1.4
Boys' and girls' footwear.....	0.169	0.6	0.001	2.48	L-Apr.2016	1.2
Women's footwear.....	0.299	-0.5	-0.002	2.86	L-May 2016	1.3
Infants' and toddlers' apparel.....	0.149	-5.6	-0.008	2.06	S-Jul.1998	-7.1
Jewelry and watches ⁸	0.228	7.8	0.017	1.91	L-May 2016	9.0
Watches ⁸	0.084	5.9	0.006	2.38	S-Apr.2016	3.3
Jewelry ⁸	0.144	9.3	0.011	2.38	L-May 2016	9.9
Transportation commodities less motor fuel ¹¹	6.275	-1.1	-0.059	0.23	—	—
New vehicles.....	3.686	0.0	0.000	0.34	—	—
New cars and trucks ^{4, 5}		-0.1		0.32	—	—
New cars ⁵		-0.7		0.35	L-Apr.2016	-0.6
New trucks ^{13, 5}		0.4		0.35	S-Jun.2016	0.2
Used cars and trucks.....	2.108	-4.0	-0.058	0.12	S-Jan.2015	-4.0
Motor vehicle parts and equipment.....	0.386	-0.1	0.000	0.42	L-Jun.2016	0.0
Tires.....	0.230	-0.5	-0.001	0.58	L-Apr.2016	0.1
Vehicle accessories other than tires ⁴	0.155	0.6	0.001	0.51	—	—
Vehicle parts and equipment other than tires ⁵ ...		0.7		0.66	S-May 2016	0.4
Motor oil, coolant, and fluids ⁵		0.2		0.81	L-Sep.2015	0.9
Medical care commodities.....	1.841	4.5	0.081	0.64	L-Dec.2014	4.8
Medicinal drugs ¹¹	1.781	4.7	0.081	0.66	L-Dec.2014	5.0
Prescription drugs.....	1.422	6.3	0.086	0.82	L-Dec.2014	6.4
Nonprescription drugs ¹¹	0.359	-1.3	-0.004	0.81	L-Jun.2016	-0.5
Medical equipment and supplies ¹¹	0.060	-0.1	0.000	1.18	S-Jun.2016	-0.6
Recreation commodities ¹¹	1.823	-3.1	-0.060	0.45	L-May 2016	-2.6
Video and audio products ¹¹	0.230	-12.1	-0.032	0.71	S-EVER	—
Televisions.....	0.113	-20.6	-0.028	1.27	S-Sep.2010	-21.8
Other video equipment ⁴	0.026	-2.4	-0.001	2.04	S-Jun.2016	-4.4
Audio equipment.....	0.061	-5.3	-0.003	1.54	S-Jun.2015	-6.6
Audio discs, tapes and other media ⁴	0.023	-3.1	0.000	1.31	L-Jun.2016	-2.4
Pets and pet products.....	0.587	0.7	0.004	0.75	L-Mar.2015	0.9

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015-Aug. 2016	Unadjusted effect on All Items Aug. 2015-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Pet food ^{4, 5}		2.0		0.73	L-Sep.2013	2.0
Purchase of pets, pet supplies, accessories ^{4, 5}		-0.4		1.57	L-May 2016	0.2
Sporting goods.....	0.438	-1.8	-0.007	0.98	S-Feb.2016	-1.8
Sports vehicles including bicycles.....	0.229	-3.1	-0.005	1.25	S-Oct.2003	-3.6
Sports equipment.....	0.200	-0.8	-0.002	1.25	—	—
Photographic equipment and supplies.....	0.038	-0.2	-0.001	2.13	L-Sep.2014	0.5
Film and photographic supplies ^{4, 5}		0.6		3.72	L-Jun.2015	2.7
Photographic equipment ^{4, 5}		-0.8		2.32	L-EVER	—
Recreational reading materials.....	0.148	0.0	0.001	1.23	L-Mar.2016	0.6
Newspapers and magazines ⁴	0.087	-0.6	-0.001	1.55	S-Nov.2010	-1.5
Recreational books ⁴	0.061	0.8	0.001	1.76	L-Feb.2016	2.9
Other recreational goods ⁴	0.382	-6.4	-0.025	1.31	L-May 2016	-5.9
Toys.....	0.310	-7.9	-0.024	1.52	L-May 2016	-7.9
Toys, games, hobbies and playground equipment ^{4, 5}		-5.8		1.31	L-Mar.2016	-5.3
Sewing machines, fabric and supplies ⁴	0.024	-4.9	-0.001	3.78	S-Jun.2016	-5.4
Music instruments and accessories ⁴	0.034	1.9	0.001	1.24	L-Jun.2016	2.2
Education and communication commodities ¹¹	0.623	-3.8	-0.024	0.87	L-Jun.2016	-3.7
Educational books and supplies.....	0.161	5.5	0.010	1.22	S-May 2016	3.7
College textbooks ^{14, 5}		6.3		1.32	S-May 2016	4.5
Information technology commodities ¹¹	0.463	-7.4	-0.034	1.09	L-Apr.2016	-7.3
Personal computers and peripheral equipment ⁶	0.280	-6.8	-0.019	1.27	L-Dec.2015	-6.3
Computer software and accessories ⁴	0.090	-7.6	-0.007	1.91	S-May 2016	-8.1
Telephone hardware, calculators, and other consumer information items ⁴	0.093	-9.6	-0.007	3.25	L-Jun.2016	-9.1
Alcoholic beverages.....	0.949	1.1	0.011	0.31	S-May 2016	1.1
Alcoholic beverages at home.....	0.585	0.7	0.004	0.46	S-Dec.2015	-0.1
Beer, ale, and other malt beverages at home.....	0.267	1.6	0.004	0.51	S-Dec.2015	1.1
Distilled spirits at home.....	0.074	0.0	0.000	0.63	S-May 2016	-0.2
Whiskey at home ⁵		0.4		1.12	—	—
Distilled spirits, excluding whiskey, at home ⁵		-0.4		1.00	S-Jan.2016	-0.5
Wine at home.....	0.244	-0.1	0.000	0.86	S-May 2016	-0.3
Alcoholic beverages away from home.....	0.365	1.8	0.007	0.42	—	—
Beer, ale, and other malt beverages away from home ^{4, 5}		1.8		0.55	S-May 2016	1.3
Wine away from home ^{4, 5}		1.5		0.80	L-Sep.2015	1.6
Distilled spirits away from home ^{4, 5}		2.8		0.61	S-Mar.2015	2.2
Other goods ¹¹	1.540	1.1	0.018	0.40	L-Jun.2016	1.1
Tobacco and smoking products.....	0.653	3.2	0.021	0.44	L-Jun.2016	3.6
Cigarettes ⁴	0.591	3.3	0.020	0.46	L-Jun.2016	3.6
Tobacco products other than cigarettes ⁴	0.045	1.7	0.001	1.26	S-Dec.2015	1.5
Personal care products.....	0.704	0.9	0.006	0.79	L-Feb.2015	1.0
Hair, dental, shaving, and miscellaneous personal care products ⁴	0.375	0.1	0.000	1.10	L-Nov.2015	0.1
Cosmetics, perfume, bath, nail preparations and implements.....	0.323	1.8	0.006	1.18	L-Jan.2015	2.1
Miscellaneous personal goods ⁴	0.183	-5.1	-0.010	1.06	S-Sep.2004	-5.5
Stationery, stationery supplies, gift wrap ⁵		-2.6		1.13	S-Dec.2015	-3.0
Infants' equipment ^{7, 5}		-5.8		1.47	S-Apr.2016	-6.1
Services less energy services.....	59.761	3.2	1.898	0.11	L-Jun.2016	3.2
Shelter.....	33.320	3.4	1.111	0.16	L-Jun.2016	3.5
Rent of shelter ¹⁵	32.976	3.4	1.108	0.16	L-Jun.2016	3.5
Rent of primary residence ¹⁰	7.748	3.8	0.281	0.17	—	—
Lodging away from home ⁴	0.971	3.6	0.033	2.00	L-Jun.2016	6.8

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015-Aug. 2016	Unadjusted effect on All Items Aug. 2015-Aug. 2016 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}	0.119	3.1	0.004	0.26	L-Jun.2016	3.1
Other lodging away from home including hotels and motels.....	0.852	2.5	0.028	2.41	L-Jun.2016	6.0
Owners' equivalent rent of residences ^{10, 15}	24.257	3.3	0.794	0.16	—	—
Owners' equivalent rent of primary residence ^{10, 15}	23.145	3.3	0.755	0.16	—	—
Tenants' and household insurance ⁴	0.344	1.0	0.004	0.95	—	—
Water and sewer and trash collection services ⁴	1.158	3.1	0.036	0.47	S-Apr.2003	3.1
Water and sewerage maintenance ¹⁰	0.874	3.7	0.032	0.55	S-Jun.2014	3.4
Garbage and trash collection ¹³	0.283	1.5	0.004	0.61	S-Sep.2015	1.5
Household operations ⁴	0.850	2.5	0.021	0.38	S-May 2016	2.4
Domestic services ⁴	0.281	1.0	0.003	0.42	—	—
Gardening and lawncare services ⁴	0.278	1.0	0.003	0.58	S-Jun.2016	0.8
Moving, storage, freight expense ⁴	0.121	9.8	0.011	1.30	S-Nov.2015	7.1
Repair of household items ⁴	0.087	2.6	0.002	0.70	L-May 2016	3.1
Medical care services.....	6.637	5.1	0.318	0.24	L-Jan.2008	5.7
Professional services.....	3.148	3.3	0.103	0.30	L-Sep.2008	3.3
Physicians' services ¹⁰	1.696	4.3	0.070	0.46	L-Oct.2007	4.3
Dental services ¹⁰	0.814	2.8	0.022	0.54	L-May 2016	3.1
Eyeglasses and eye care ⁸	0.323	1.9	0.006	0.74	—	—
Services by other medical professionals ^{10, 8}	0.315	1.3	0.004	0.56	S-Jun.2016	1.0
Hospital and related services.....	2.479	5.8	0.135	0.41	L-May 2014	5.8
Hospital services ^{10, 16}	2.210	6.2	0.126	0.46	L-May 2014	6.3
Inpatient hospital services ^{10, 16, 5}		6.5		0.91	L-Jul.2014	6.8
Outpatient hospital services ^{10, 8, 5}		4.7		0.63	L-May 2015	5.3
Nursing homes and adult day services ^{10, 16}	0.193	3.7	0.007	0.44	L-May 2016	3.7
Care of invalids and elderly at home ⁷	0.077	2.0	0.002	0.74	S-Dec.2015	1.8
Health insurance ⁷	1.009	9.1	0.081	0.25	L-Dec.2012	9.9
Transportation services.....	5.908	3.1	0.178	0.31	L-May 2016	3.2
Leased cars and trucks ¹⁴	0.560	1.8	0.004	1.26	S-Jun.2016	1.8
Car and truck rental ⁴	0.118	0.5	0.007	2.42	S-Mar.2016	0.5
Motor vehicle maintenance and repair.....	1.160	1.9	0.022	0.33	L-Mar.2016	1.9
Motor vehicle body work.....	0.057	2.8	0.002	0.68	L-Jun.2014	3.3
Motor vehicle maintenance and servicing.....	0.672	1.8	0.011	0.44	L-Jun.2015	1.8
Motor vehicle repair ⁴	0.389	1.8	0.009	0.53	S-Feb.2016	1.6
Motor vehicle insurance.....	2.411	6.5	0.150	0.59	L-Jun.2016	6.5
Motor vehicle fees ⁴	0.528	1.8	0.009	0.45	L-Jun.2016	2.6
State motor vehicle registration and license fees ^{10, 4}	0.282	1.3	0.004	0.66	L-Jun.2016	2.8
Parking and other fees ⁴	0.235	2.5	0.006	0.47	—	—
Parking fees and tolls ^{4, 5}		2.9		0.63	S-May 2016	2.9
Automobile service clubs ^{4, 5}		0.6		0.75	—	—
Public transportation.....	1.132	-1.2	-0.014	0.75	L-May 2016	-1.0
Airline fare.....	0.669	-3.5	-0.023	0.98	L-May 2016	-3.1
Other intercity transportation.....	0.179	2.9	0.005	1.86	—	—
Intercity bus fare ^{6, 5}						
Intercity train fare ^{6, 5}		2.4		1.59	L-Mar.2016	2.8
Ship fare ^{4, 5}		8.9		2.34	L-Jun.2016	13.0
Intracity transportation.....	0.280	1.6	0.004	0.22	S-Jun.2016	1.6
Intracity mass transit ^{11, 5}		1.7		0.59	—	—
Recreation services ¹¹	3.898	2.9	0.111	0.52	S-Feb.2016	2.7
Video and audio services ¹¹	1.641	4.0	0.064	0.39	S-May 2016	3.6
Cable and satellite television and radio service ¹³	1.535	4.3	0.063	0.40	S-Jun.2016	4.3

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015-Aug. 2016	Unadjusted effect on All Items Aug. 2015-Aug. 2016 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 and audio ⁴	0.106	0.6	0.001	1.79	S-Feb.2016	-0.3
Video discs and other media ^{4, 5}		-3.3		2.46	S-Jul.2015	-7.0
Rental of video or audio discs and other media ^{4, 5}		4.1		0.99	L-Jul.2015	4.5
Pet services including veterinary ⁴	0.370	3.3	0.012	0.44	S-Apr.2015	2.7
Pet services ^{4, 5}		1.6		1.08	S-Aug.2013	1.1
Veterinarian services ^{4, 5}		3.2		0.58	S-Apr.2015	3.0
Photographers and film processing ⁴	0.049	3.5	0.002	1.18	L-Dec.2011	3.9
Photographer fees ^{4, 5}		3.0		0.77	L-Mar.2012	3.4
Film processing ^{4, 5}		3.4		1.23	L-May 2016	3.7
Other recreation services ⁴	1.837	1.8	0.033	1.03	S-Apr.2015	1.7
Club dues and fees for participant sports and group exercises ⁴	0.643	0.1	0.002	1.34	L-Jun.2016	0.7
Admissions.....	0.648	3.5	0.022	1.31	S-May 2016	2.4
Admission to movies, theaters, and concerts ^{4, 5}		3.7		0.98	L-Jun.2016	4.6
Admission to sporting events ^{4, 5}		3.9		1.47	S-Jun.2016	2.3
Fees for lessons or instructions ⁸	0.220	1.6	0.003	0.60	S-Apr.2015	1.3
Education and communication services ¹¹	6.369	1.2	0.076	0.19	S-Sep.2015	0.8
Tuition, other school fees, and childcare.....	2.995	2.5	0.077	0.31	S-EVER	—
College tuition and fees.....	1.776	2.3	0.043	0.45	S-EVER	—
Elementary and high school tuition and fees.....	0.309	3.3	0.011	0.42	L-Jun.2016	3.4
Child care and nursery school ¹²	0.738	2.7	0.020	0.52	L-Mar.2016	3.2
Technical and business school tuition and fees ⁴	0.042	1.8	0.001	0.48	L-Apr.2016	1.9
Postage and delivery services ⁴	0.137	0.3	0.000	0.35	L-Jun.2016	0.3
Postage.....	0.130	0.4	0.001	0.38	—	—
Delivery services ⁴	0.007	-2.1	0.000	0.53	L-Jun.2016	-2.0
Telephone services ⁴	2.511	-0.4	-0.011	0.30	S-Sep.2015	-1.8
Wireless telephone services ⁴	1.787	-0.7	-0.016	0.39	S-Oct.2015	-1.8
Land-line telephone services ¹¹	0.725	0.8	0.006	0.42	L-May 2016	1.4
Internet services and electronic information providers ⁴	0.715	1.3	0.009	0.75	L-Mar.2015	1.3
Other personal services ¹¹	1.621	2.9	0.048	0.29	S-Jun.2016	2.6
Personal care services.....	0.606	1.9	0.011	0.43	L-May 2016	3.2
Haircuts and other personal care services ⁴	0.606	1.9	0.011	0.43	L-May 2016	3.2
Miscellaneous personal services.....	1.015	3.6	0.036	0.40	S-Jun.2016	3.2
Legal services ⁸	0.245	4.5	0.012	0.66	S-Jun.2016	3.7
Funeral expenses ⁸	0.144	1.4	0.002	0.63	S-Jan.2015	1.4
Laundry and dry cleaning services ⁴	0.267	3.3	0.009	0.42	—	—
Apparel services other than laundry and dry cleaning ⁴	0.026	2.0	0.001	0.68	S-Jun.2016	1.6
Financial services ⁸	0.235	4.4	0.010	1.01	S-Jun.2016	3.8
Checking account and other bank services ^{4, 5}		3.6		0.60	L-May 2014	4.2
Tax return preparation and other accounting fees ^{4, 5}		4.9		1.40	S-Jun.2016	4.2
Special aggregate indexes						
All items less food.....	86.244	1.2	1.062	0.09	L-Apr.2016	1.2
All items less shelter.....	66.680	-0.1	-0.047	0.10	L-May 2016	-0.1
All items less food and shelter.....	52.925	-0.1	-0.050	0.12	L-Apr.2016	-0.1
All items less food, shelter, and energy.....	45.767	1.5	0.703	0.13	L-Mar.2016	1.5
All items less food, shelter, energy, and used cars and trucks.....	43.659	1.8	0.761	0.14	L-Feb.2013	1.9
All items less medical care.....	91.522	0.7	0.665	0.08	L-Jun.2016	0.8

See footnotes at end of table.

Table 7. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, August 2016, 12-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jul. 2016	Twelve Month				
		Unadjusted percent change Aug. 2015-Aug. 2016	Unadjusted effect on All Items Aug. 2015-Aug. 2016 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items less energy.....	92.842	2.0	1.817	0.08	L-Jun.2016	2.0
Commodities.....	36.511	-2.2	-0.818	0.13	L-Jun.2016	-2.0
Commodities less food, energy, and used cars and trucks.....	17.217	-0.1	-0.026	0.27	L-Feb.2016	0.0
Commodities less food.....	22.755	-3.5	-0.821	0.19	L-Jun.2016	-3.4
Commodities less food and beverages.....	21.806	-3.7	-0.832	0.20	L-Jun.2016	-3.7
Services.....	63.489	3.0	1.883	0.10	L-Dec.2008	3.0
Services less rent of shelter ¹⁵	30.513	2.6	0.775	0.12	L-Jun.2014	2.8
Services less medical care services.....	56.852	2.8	1.565	0.11	L-May 2016	2.8
Durables.....	9.467	-2.0	-0.184	0.19	—	—
Nondurables.....	27.044	-2.2	-0.634	0.16	L-Jun.2016	-2.0
Nondurables less food.....	13.288	-4.3	-0.637	0.26	L-Jun.2016	-4.1
Nondurables less food and beverages.....	12.339	-4.7	-0.648	0.28	L-Jun.2016	-4.5
Nondurables less food, beverages, and apparel.....	9.285	-6.3	-0.654	0.17	L-Jun.2016	-6.1
Nondurables less food and apparel.....	10.235	-5.6	-0.643	0.15	L-Jun.2016	-5.4
Housing.....	42.451	2.6	1.081	0.13	L-Nov.2014	2.6
Education and communication ⁴	6.993	0.7	0.052	0.20	S-Sep.2015	0.4
Education ⁴	3.156	2.7	0.087	0.30	S-EVER	—
Communication ⁴	3.837	-0.9	-0.035	0.25	S-Oct.2015	-1.5
Information and information processing ⁴	3.700	-0.9	-0.035	0.26	S-Oct.2015	-1.5
Information technology, hardware and services ¹⁷	1.189	-2.0	-0.025	0.66	L-Nov.2014	-1.8
Recreation ⁴	5.720	0.9	0.051	0.35	—	—
Video and audio ⁴	1.871	1.7	0.031	0.36	S-May 2016	1.7
Pets, pet products and services ⁴	0.957	1.7	0.016	0.48	L-Apr.2016	1.7
Photography ⁴	0.088	1.6	0.001	1.30	L-Sep.2014	1.8
Food and beverages.....	14.705	0.1	0.014	0.12	S-Feb.2010	-0.1
Domestically produced farm food.....	6.674	-2.1	-0.147	0.20	S-Jan.2010	-2.2
Other services.....	11.888	2.0	0.234	0.20	S-Oct.2015	1.9
Apparel less footwear.....	2.374	0.5	0.009	1.32	S-May 2016	0.5
Fuels and utilities.....	5.061	0.2	0.006	0.23	L-Jan.2015	1.0
Household energy.....	3.903	-0.7	-0.030	0.29	L-Jan.2015	-0.1
Medical care.....	8.478	4.9	0.399	0.24	L-Jan.2008	4.9
Transportation.....	15.438	-4.0	-0.603	0.16	L-Jun.2016	-3.7
Private transportation.....	14.306	-4.2	-0.589	0.16	L-Jun.2016	-3.8
New and used motor vehicles ⁴	6.567	-1.0	-0.049	0.25	S-May 2009	-1.1
Utilities and public transportation.....	10.064	0.6	0.059	0.17	L-Jan.2015	0.7
Household furnishings and operations.....	4.070	-0.9	-0.036	0.25	—	—
Other goods and services.....	3.161	2.1	0.066	0.25	L-May 2016	2.2
Personal care.....	2.508	1.8	0.045	0.31	L-May 2016	1.8

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.