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**CONSUMER PRICE INDEX – JULY 2016**

The Consumer Price Index for All Urban Consumers (CPI-U) was unchanged in July on a seasonally adjusted basis, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index rose 0.8 percent before seasonal adjustment.

The energy index declined in July and the food index was unchanged. The index for all items less food and energy rose, but posted its smallest increase since March. As a result, the all items index was unchanged after rising in each of the 4 previous months.

The energy index fell 1.6 percent after rising in each of the last four months. The decline was due to a sharp decrease in the gasoline index; other energy indexes were mixed. The food at home index declined 0.2 percent as four of the six major grocery store food group indexes decreased, while the index for food away from home rose 0.2 percent.

The index for all items less food and energy increased 0.1 percent in July after rising 0.2 percent in June. The shelter index rose 0.2 percent, its smallest increase since March, and the indexes for medical care, new vehicles, and motor vehicle insurance also rose. In contrast, the indexes for airline fares, used cars and trucks, communication, and recreation were among those that declined in July.

The all items index rose 0.8 percent for the 12 months ending July, a smaller increase than the 1.0 percent rise for the 12 months ending June. Similarly, the index for all items less food and energy rose 2.2 percent for the 12 months ending July, a smaller increase than the 2.3 percent rise for the 12 months ending June.

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

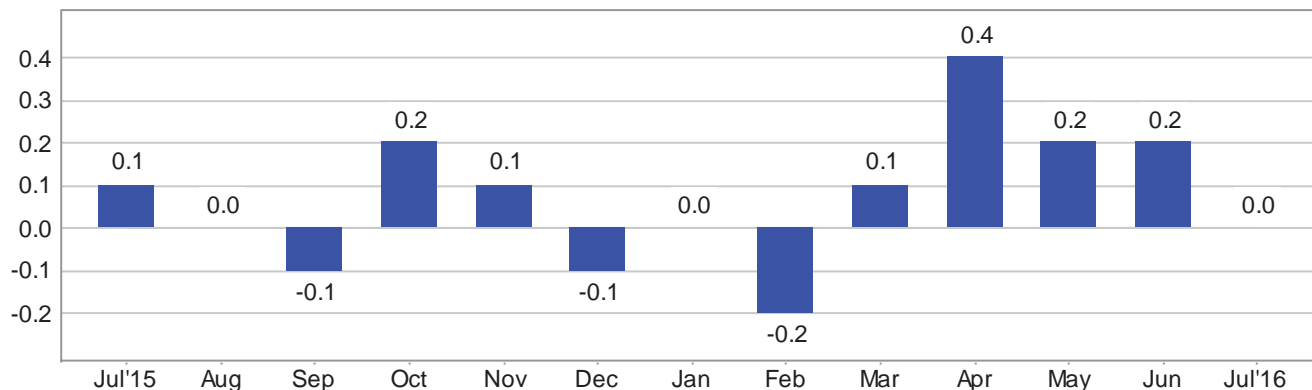


Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, July 2015 - July 2016

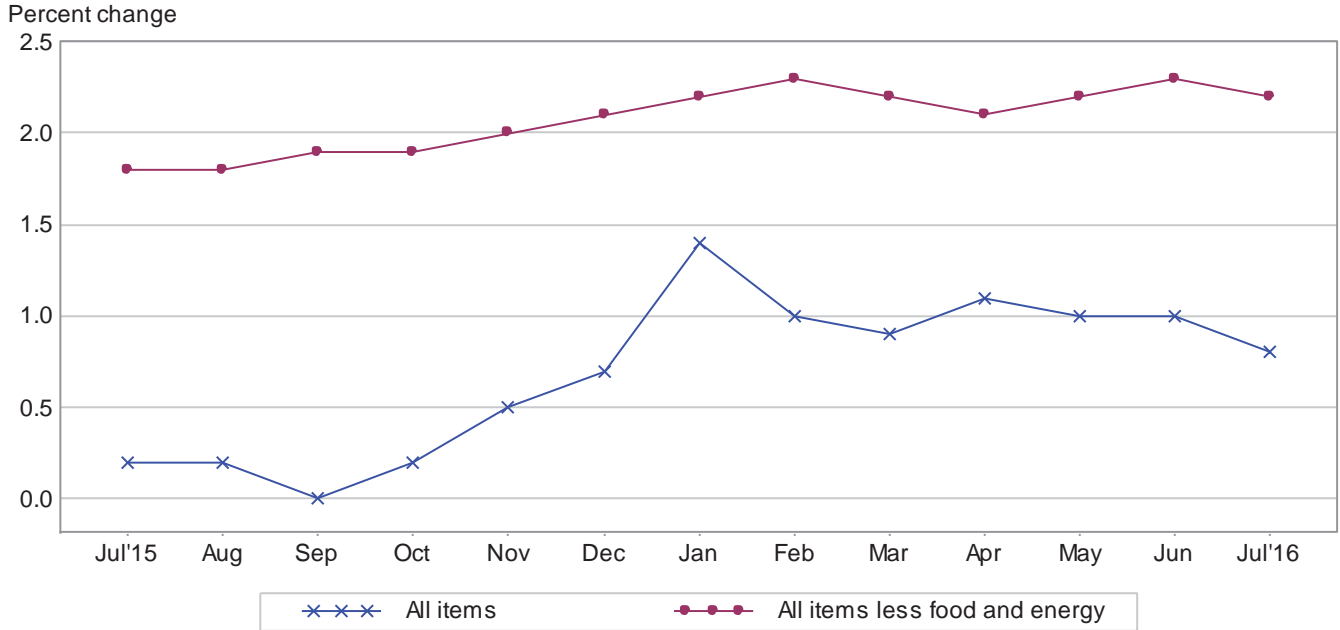


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended July 2016
	Jan. 2016	Feb. 2016	Mar. 2016	Apr. 2016	May 2016	June 2016	July 2016	
All items .....	.0	-.2	.1	.4	.2	.2	.0	.8
Food .....	.0	.2	-.2	.2	-.2	-.1	.0	.2
Food at home .....	-.2	.2	-.5	.1	-.5	-.3	-.2	-1.6
Food away from home <sup>1</sup> .....	.3	.1	.2	.2	.2	.2	.2	2.8
Energy .....	-2.8	-6.0	.9	3.4	1.2	1.3	-1.6	-10.9
Energy commodities .....	-4.8	-12.5	1.9	7.8	2.4	3.3	-4.4	-19.4
Gasoline (all types) .....	-4.8	-13.0	2.2	8.1	2.3	3.3	-4.7	-19.9
Fuel oil <sup>1</sup> .....	-6.5	-2.9	1.7	1.9	6.2	3.3	-1.3	-17.8
Energy services .....	-.7	.1	.2	-.1	.2	-.5	1.0	-.9
Electricity .....	-.7	-.2	.4	-.3	-.2	-.5	.5	-1.0
Utility (piped) gas service .....	-.6	1.0	-.7	.6	1.7	-.4	3.1	-.4
All items less food and energy .....	.3	.3	.1	.2	.2	.2	.1	2.2
Commodities less food and energy commodities .....	.2	.3	-.2	-.1	-.2	-.2	-.1	-.6
New vehicles .....	.3	.2	.0	-.3	-.1	-.2	.2	.0
Used cars and trucks .....	.1	.2	-.1	-.3	-1.3	-1.1	-1.0	-3.7
Apparel .....	.6	1.6	-1.1	-.3	.8	-.4	.0	.3
Medical care commodities .....	.4	.6	.3	.5	-.2	1.1	.4	3.6
Services less energy services .....	.3	.3	.2	.3	.3	.3	.2	3.1
Shelter .....	.3	.3	.2	.3	.4	.3	.2	3.3
Transportation services .....	.4	.2	.2	.7	.3	.3	-.2	3.0
Medical care services .....	.5	.5	.1	.3	.5	.2	.5	4.1

<sup>1</sup> Not seasonally adjusted.

## **Consumer Price Index Data for July 2016**

### **Food**

The food index was unchanged in July after falling in May and June. The index for food at home fell 0.2 percent in July, its seventh decline in the last 9 months. Four of the six major grocery store food group indexes decreased. The index for meats, poultry, fish, and eggs continued to fall, declining 0.6 percent after a 0.7 percent decrease in June. The dairy and related products index fell 0.4 percent, and the indexes for cereals and bakery products and other food at home both fell 0.2 percent. The index for fruits and vegetables, however, turned up in July, rising 0.3 percent as the indexes for fresh fruits and fresh vegetables both increased. The index for nonalcoholic beverages also increased 0.3 percent in July after falling in June.

The food index has risen 0.2 percent over the past year, its smallest 12-month increase since the period ending March 2010. The food at home index has declined 1.6 percent over the last 12 months, with the index for meats, poultry, fish, and eggs falling 5.6 percent over the span. The dairy and related products index fell 3.1 percent, and the indexes for cereals and bakery products and for nonalcoholic beverages also declined. In contrast, the food away from home index has risen 2.8 percent over the past 12 months, and increased 0.2 percent in July.

### **Energy**

The energy index declined 1.6 percent in July after rising 6.1 percent over the previous 3 months. The downturn was due to the gasoline index, which fell 4.7 percent in July after rising in each of the previous 4 months. (Before seasonal adjustment, gasoline prices decreased 5.5 percent in July.) The fuel oil index also turned down in July, falling 1.3 percent after increasing in recent months. In contrast to these declines, the index for natural gas increased 3.1 percent in July, its largest increase since March 2014. The electricity index also rose, advancing 0.5 percent after falling 0.5 percent in June.

The energy index has declined 10.9 percent over the past year, with all of its major component indexes falling over the period. The fuel oil and gasoline indexes have declined substantially, falling 17.8 percent and 19.9 percent, respectively. The electricity and natural gas indexes have decreased modestly, with the electricity index falling 1.0 percent and the index for natural gas falling 0.4 percent.

### **All items less food and energy**

The index for all items less food and energy increased 0.1 percent in July after rising 0.2 percent in June. The shelter index increased 0.2 percent in July following a 0.4 percent rise in May and a 0.3 percent increase in June. The indexes for rent and owners' equivalent rent both increased 0.3 percent in July, while the index for lodging away from home turned down, falling 2.4 percent after increasing in May and June. The medical care index rose 0.5 percent in July, as the prescription drugs index rose 0.9 percent, the index for physicians' services advanced 0.7 percent, and the hospital services index increased 0.4 percent. The new vehicles index turned up in July, rising 0.2 percent, its first increase since February. The index for motor vehicle insurance continued to rise, increasing 0.4 percent in July, its ninth consecutive increase. The personal care index rose 0.2 percent, and the index for household furnishings and operations rose 0.1 percent in July after declining in each of the last 4 months.

In contrast to these increases, an array of indexes posted declines in July. The index for airline fares declined 4.9 percent after rising in June. The index for used cars and trucks continued to decrease,

falling 1.0 percent; this was its third consecutive decline of 1.0 percent or more. The tobacco index fell 0.5 percent after rising 0.6 percent in June. A number of indexes posted smaller declines. The communication index fell 0.2 percent and the indexes for recreation, education, and alcoholic beverages all declined 0.1 percent. The index for apparel was unchanged in July.

The index for all items less food and energy increased 2.2 percent over the past 12 months. The shelter index has risen 3.3 percent over this span, and the medical care index has increased 4.0 percent. The motor vehicle insurance index has increased 6.3 percent over the past year. In contrast, the index for airline fares has fallen 4.6 percent and the used cars and trucks index has declined 3.7 percent.

### **Not seasonally adjusted CPI measures**

The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.8 percent over the last 12 months to an index level of 240.647 (1982-84=100). For the month, the index decreased 0.2 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 0.4 percent over the last 12 months to an index level of 234.789 (1982-84=100). For the month, the index decreased 0.2 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 0.5 percent over the last 12 months. For the month, the index fell 0.2 percent on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

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**The Consumer Price Index for July 2016 is scheduled to be released on Friday, September 16, 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/](http://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](http://www.bls.gov/cpi)), or by using the following link: [www.bls.gov/cpi/cpivar2014.pdf](http://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](mailto:Yarros.Justin@bls.gov), [An.Samuel@bls.gov](mailto:An.Samuel@bls.gov) or [Rogers.Marie@bls.gov](mailto: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, July 2016**

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015	Jun. 2016	Jul. 2016	Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
All items.....	100.000	238.654	241.038	240.647	0.8	-0.2	0.2	0.2	0.0
Food.....	13.729	247.003	247.482	247.554	0.2	0.0	-0.2	-0.1	0.0
Food at home.....	7.978	241.993	238.430	238.207	-1.6	-0.1	-0.5	-0.3	-0.2
Cereals and bakery products.....	1.078	275.526	273.379	273.418	-0.8	0.0	-0.4	0.1	-0.2
Meats, poultry, fish, and eggs.....	1.789	261.639	248.016	246.875	-5.6	-0.5	-0.5	-0.7	-0.6
Dairy and related products.....	0.808	221.443	214.815	214.605	-3.1	-0.1	-0.6	-0.3	-0.4
Fruits and vegetables.....	1.344	287.816	292.733	291.960	1.4	-0.3	-0.7	-0.1	0.3
Nonalcoholic beverages and beverage materials.....	0.950	167.421	165.940	166.648	-0.5	0.4	-0.1	-0.7	0.3
Other food at home.....	2.009	210.251	210.392	210.486	0.1	0.0	-0.5	0.0	-0.2
Food away from home <sup>1</sup> .....	5.752	255.905	262.529	263.051	2.8	0.2	0.2	0.2	0.2
Energy.....	7.296	219.852	200.035	195.940	-10.9	-2.0	1.2	1.3	-1.6
Energy commodities.....	3.613	246.977	209.953	198.978	-19.4	-5.2	2.4	3.3	-4.4
Fuel oil <sup>1</sup> .....	0.094	258.620	215.295	212.482	-17.8	-1.3	6.2	3.3	-1.3
Motor fuel.....	3.437	244.584	207.389	196.053	-19.8	-5.5	2.3	3.3	-4.6
Gasoline (all types).....	3.389	243.736	206.681	195.243	-19.9	-5.5	2.3	3.3	-4.7
Energy services <sup>2</sup> .....	3.683	203.674	199.691	201.832	-0.9	1.1	0.2	-0.5	1.0
Electricity <sup>2</sup> .....	2.941	216.406	213.474	214.193	-1.0	0.3	-0.2	-0.5	0.5
Utility (piped) gas service <sup>2</sup> .....	0.742	162.733	155.914	162.129	-0.4	4.0	1.7	-0.4	3.1
All items less food and energy.....	78.975	242.436	247.821	247.768	2.2	0.0	0.2	0.2	0.1
Commodities less food and energy commodities.....	19.386	145.722	145.574	144.883	-0.6	-0.5	-0.2	-0.2	-0.1
Apparel.....	3.109	122.607	125.472	123.030	0.3	-1.9	0.8	-0.4	0.0
New vehicles.....	3.683	147.154	147.245	147.119	0.0	-0.1	-0.1	-0.2	0.2
Used cars and trucks.....	2.117	151.119	146.303	145.457	-3.7	-0.6	-1.3	-1.1	-1.0
Medical care commodities.....	1.828	355.235	366.033	368.147	3.6	0.6	-0.2	1.1	0.4
Alcoholic beverages.....	0.948	239.092	242.133	242.032	1.2	0.0	-0.1	0.1	-0.1
Tobacco and smoking products.....	0.652	935.913	962.838	962.630	2.9	0.0	0.2	0.6	-0.5
Services less energy services.....	59.589	301.665	310.685	311.076	3.1	0.1	0.3	0.3	0.2
Shelter.....	33.183	279.559	288.069	288.780	3.3	0.2	0.4	0.3	0.2
Rent of primary residence <sup>2</sup> .....	7.710	286.090	295.902	296.862	3.8	0.3	0.4	0.4	0.3
Owners' equivalent rent of residences <sup>2, 3</sup> .....	24.148	286.220	294.702	295.554	3.3	0.3	0.3	0.3	0.3
Medical care services.....	6.600	475.956	493.503	495.492	4.1	0.4	0.5	0.2	0.5
Physicians' services <sup>2</sup> .....	1.683	367.450	377.678	380.083	3.4	0.6	1.0	0.3	0.7
Hospital services <sup>2, 4</sup> .....	2.200	288.895	301.277	302.161	4.6	0.3	0.7	0.1	0.4
Transportation services.....	5.936	292.119	302.768	300.823	3.0	-0.6	0.3	0.3	-0.2
Motor vehicle maintenance and repair <sup>1</sup> .....	1.156	271.175	275.563	276.058	1.8	0.2	0.2	0.1	0.2
Motor vehicle insurance.....	2.400	460.041	487.631	489.064	6.3	0.3	0.9	0.2	0.4
Airline fare.....	0.729	297.324	309.679	283.501	-4.6	-8.5	-1.5	1.6	-4.9

<sup>1</sup> Not seasonally adjusted.

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

<sup>3</sup> Indexes on a December 1982=100 base.

<sup>4</sup> 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, July 2016**

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
All items.....	100.000	0.8	-0.2	0.2	0.2	0.0
Food.....	13.729	0.2	0.0	-0.2	-0.1	0.0
Food at home.....	7.978	-1.6	-0.1	-0.5	-0.3	-0.2
Cereals and bakery products.....	1.078	-0.8	0.0	-0.4	0.1	-0.2
Cereals and cereal products.....	0.364	-0.8	0.6	-0.4	-0.2	0.6
Flour and prepared flour mixes.....	0.044	-0.4	1.6	-0.1	-1.9	1.8
Breakfast cereal <sup>1</sup> .....	0.186	-0.7	0.6	0.1	0.4	0.6
Rice, pasta, cornmeal <sup>1</sup> .....	0.134	-1.1	0.3	-0.1	-0.1	0.3
Rice <sup>1, 2, 3</sup> .....		-3.3	-0.7	0.6	0.6	-0.7
Bakery products <sup>1</sup> .....	0.714	-0.8	-0.3	-0.5	0.2	-0.3
Bread <sup>1, 2</sup> .....	0.213	-0.3	0.0	0.0	0.5	0.0
White bread <sup>1, 3</sup> .....		-0.6	0.2	0.7	0.2	0.2
Bread other than white <sup>1, 3</sup> .....		0.6	-0.3	-0.8	1.1	-0.3
Fresh biscuits, rolls, muffins <sup>2</sup> .....	0.104	-1.1	-0.3	-0.9	0.9	-1.1
Cakes, cupcakes, and cookies.....	0.172	-0.2	-0.1	-0.1	-0.7	-0.4
Cookies <sup>3</sup> .....		-2.1	-1.0	-0.1	-0.9	-1.8
Fresh cakes and cupcakes <sup>1, 3</sup> .....		2.5	1.6	-0.4	-0.2	1.6
Other bakery products.....	0.225	-1.6	-0.7	-1.3	0.8	-0.6
Fresh sweetrolls, coffeecakes, doughnuts <sup>1, 3</sup> .....		0.0	0.2	-0.4	1.2	0.2
Crackers, bread, and cracker products <sup>3</sup> .....		-1.9	-1.3	-1.0	0.6	-1.5
Frozen and refrigerated bakery products, pies, tarts, turnovers <sup>3</sup> .....		-2.1	-0.5	-1.3	1.1	-0.7
Meats, poultry, fish, and eggs.....	1.789	-5.6	-0.5	-0.5	-0.7	-0.6
Meats, poultry, and fish.....	1.684	-3.6	-0.5	-0.4	-0.3	-0.6
Meats.....	1.073	-4.7	-0.7	-0.5	-0.3	-0.9
Beef and veal.....	0.486	-7.7	-1.4	-0.1	-0.8	-1.4
Uncooked ground beef <sup>1</sup> .....	0.194	-10.2	-0.6	-0.2	-1.0	-0.6
Uncooked beef roasts <sup>1, 2</sup> .....	0.067	-6.5	-1.6	2.9	-1.7	-1.6
Uncooked beef steaks <sup>2</sup> .....	0.177	-6.3	-2.6	0.0	-0.8	-2.9
Uncooked other beef and veal <sup>1, 2</sup> .....	0.048	-3.5	0.1	-1.8	2.1	0.1
Pork.....	0.334	-1.9	0.6	-1.2	0.6	-0.6
Bacon, breakfast sausage, and related products <sup>2</sup> .....	0.140	1.7	0.3	-1.9	0.1	-0.2
Bacon and related products <sup>3</sup> .....		5.0	0.5	0.1	-2.8	-0.1
Breakfast sausage and related products <sup>2, 3</sup> .....		-2.9	-0.3	-2.7	2.1	-0.4
Ham.....	0.061	-2.9	0.7	-2.1	2.4	-0.1
Ham, excluding canned <sup>3</sup> .....		-2.9	0.9	-2.4	3.1	-0.2
Pork chops <sup>1</sup> .....	0.055	-2.1	2.1	0.3	0.8	2.1
Other pork including roasts and picnics <sup>2</sup> .....	0.078	-6.4	-0.1	0.0	1.0	-1.6
Other meats.....	0.253	-1.9	-0.9	-0.6	-0.5	-0.5
Frankfurters <sup>3</sup> .....		-5.6	-2.4	-1.4	-3.1	-0.8
Lunchmeats <sup>2, 3</sup> .....		-0.3	-0.9	-0.2	0.3	-0.9
Lamb and organ meats <sup>1, 3</sup> .....		-0.3	0.7	-1.9	1.2	0.7
Lamb and mutton <sup>1, 2, 3</sup> .....		-2.5	0.0	-3.2	1.1	0.0
Poultry.....	0.346	-3.2	-0.3	0.2	-1.1	-0.3
Chicken <sup>1, 2</sup> .....	0.279	-3.4	-0.1	-0.2	-0.9	-0.1
Fresh whole chicken <sup>1, 3</sup> .....		-2.1	3.1	0.3	-5.5	3.1
Fresh and frozen chicken parts <sup>1, 3</sup> .....		-3.8	-1.4	-0.4	1.2	-1.4
Other poultry including turkey <sup>2</sup> .....	0.067	-2.2	-1.1	-1.0	1.2	-1.3
Fish and seafood.....	0.265	0.2	0.1	-0.4	0.3	0.2
Fresh fish and seafood <sup>2</sup> .....	0.144	4.0	0.6	-0.8	0.9	0.9
Processed fish and seafood <sup>2</sup> .....	0.121	-3.9	-0.5	-0.4	-0.3	-1.0
Shelf stable fish and seafood <sup>1, 3</sup> .....		-2.3	-1.5	-0.7	-0.6	-1.5

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
Frozen fish and seafood <sup>3</sup> .....		-5.8	0.2	-0.7	-0.3	-0.1
Eggs.....	0.105	-29.0	-0.4	-2.8	-5.7	-0.6
Dairy and related products.....	0.808	-3.1	-0.1	-0.6	-0.3	-0.4
Milk <sup>1, 2</sup> .....	0.226	-7.0	-0.4	-0.2	-1.0	-0.4
Fresh whole milk <sup>3</sup> .....		-7.0	-0.7	0.6	-0.8	-1.6
Fresh milk other than whole <sup>2, 3</sup> .....		-7.2	-0.3	0.5	-1.0	-0.9
Cheese and related products.....	0.260	-3.2	0.6	-0.6	-0.7	0.1
Ice cream and related products.....	0.115	1.0	-1.6	0.5	0.6	-0.5
Other dairy and related products <sup>1, 2</sup> .....	0.206	-0.6	0.1	-1.5	0.7	0.1
Fruits and vegetables.....	1.344	1.4	-0.3	-0.7	-0.1	0.3
Fresh fruits and vegetables.....	1.044	2.1	-0.5	-0.6	-0.1	0.3
Fresh fruits.....	0.562	3.0	-0.7	-0.7	0.0	0.4
Apples.....	0.092	9.1	0.3	-2.5	0.4	-1.8
Bananas <sup>1</sup> .....	0.087	-0.4	-0.4	0.1	0.8	-0.4
Citrus fruits <sup>2</sup> .....	0.160	3.1	1.2	2.1	1.5	-2.6
Oranges, including tangerines <sup>3</sup> .....		0.1	5.0	-3.0	1.2	-0.3
Other fresh fruits <sup>2</sup> .....	0.223	2.8	-2.5	-2.1	-1.5	2.8
Fresh vegetables.....	0.482	1.0	-0.2	-0.4	-0.2	0.2
Potatoes.....	0.081	0.8	1.1	0.8	-0.6	-1.8
Lettuce.....	0.065	-2.8	-3.9	3.3	-2.4	-2.1
Tomatoes <sup>1</sup> .....	0.078	-1.5	0.4	-7.0	-0.1	0.4
Other fresh vegetables.....	0.258	2.9	0.1	-1.7	0.3	1.2
Processed fruits and vegetables <sup>2</sup> .....	0.300	-0.5	0.4	-1.4	-0.1	0.2
Canned fruits and vegetables <sup>2</sup> .....	0.157	-1.3	0.3	-0.8	-0.6	0.2
Canned fruits <sup>2, 3</sup> .....		-0.3	0.3	-0.8	-0.5	-0.2
Canned vegetables <sup>2, 3</sup> .....		-1.7	0.5	-0.9	-0.8	0.9
Frozen fruits and vegetables <sup>2</sup> .....	0.088	1.2	0.6	-1.8	0.2	0.4
Frozen vegetables <sup>3</sup> .....		0.6	0.5	-2.4	0.3	0.3
Other processed fruits and vegetables including dried <sup>2</sup> .....	0.055	-1.0	0.5	-1.6	0.3	0.7
Dried beans, peas, and lentils <sup>1, 2, 3</sup> .....		-1.6	0.0	0.2	-0.3	0.0
Nonalcoholic beverages and beverage materials.....	0.950	-0.5	0.4	-0.1	-0.7	0.3
Juices and nonalcoholic drinks <sup>2</sup> .....	0.668	0.2	0.4	-0.7	-0.3	0.4
Carbonated drinks.....	0.269	0.9	0.5	-1.5	0.0	0.3
Frozen noncarbonated juices and drinks <sup>1, 2</sup> .....	0.011	-1.6	-1.6	0.5	-1.6	-1.6
Nonfrozen noncarbonated juices and drinks <sup>2</sup> .....	0.388	-0.2	0.3	0.0	-0.7	0.6
Beverage materials including coffee and tea <sup>2</sup> .....	0.283	-2.2	0.5	0.6	-1.0	-0.1
Coffee.....	0.179	-4.0	-0.3	0.8	-0.5	-1.1
Roasted coffee <sup>3</sup> .....		-3.8	-0.5	0.2	-0.2	-1.5
Instant and freeze dried coffee <sup>1, 3</sup> .....		-4.9	-1.5	2.0	-1.1	-1.5
Other beverage materials including tea <sup>2</sup> .....	0.104	0.6	2.0	-0.4	-1.9	1.9
Other food at home.....	2.009	0.1	0.0	-0.5	0.0	-0.2
Sugar and sweets <sup>1</sup> .....	0.291	-0.7	0.0	-0.5	0.0	0.0
Sugar and artificial sweeteners.....	0.050	-2.4	-0.5	-1.0	-0.2	-1.1
Candy and chewing gum <sup>1, 2</sup> .....	0.185	-0.1	0.1	-0.5	0.2	0.1
Other sweets <sup>2</sup> .....	0.055	-0.7	0.1	-0.1	-0.7	0.3
Fats and oils.....	0.234	0.4	0.4	-0.9	-0.1	0.2
Butter and margarine <sup>2</sup> .....	0.068	3.5	1.3	-3.1	2.1	0.7
Butter <sup>3</sup> .....		3.1	0.9	-3.3	1.6	-0.6
Margarine <sup>3</sup> .....		3.4	1.1	-2.0	2.8	1.1
Salad dressing <sup>2</sup> .....	0.056	0.8	1.8	-0.6	-0.4	1.4
Other fats and oils including peanut butter <sup>2</sup> .....	0.110	-2.0	-0.9	0.0	-1.3	-0.5
Peanut butter <sup>1, 2, 3</sup> .....		-2.9	-2.1	3.1	-3.3	-2.1
Other foods.....	1.484	0.2	0.0	-0.4	0.1	-0.3

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
Soups.....	0.098	0.5	-1.2	0.8	-0.8	-1.3
Frozen and freeze dried prepared foods <sup>1</sup> .....	0.264	-1.4	-0.6	0.0	0.2	-0.6
Snacks <sup>1</sup> .....	0.335	0.6	-0.2	-0.1	-0.4	-0.2
Spices, seasonings, condiments, sauces.....	0.286	1.3	1.1	-1.5	0.6	0.7
Salt and other seasonings and spices <sup>2, 3</sup> .....		2.9	-0.1	-0.8	-0.1	-0.6
Olives, pickles, relishes <sup>1, 2, 3</sup> .....		3.0	1.7	-3.8	3.5	1.7
Sauces and gravies <sup>2, 3</sup> .....		-0.5	1.8	-1.4	0.6	0.9
Other condiments <sup>3</sup> .....		3.0	0.0	-1.9	2.5	0.1
Baby food <sup>1, 2</sup> .....	0.055	2.0	1.0	0.6	-0.5	1.0
Other miscellaneous foods <sup>1, 2</sup> .....	0.447	0.1	-0.1	-0.4	0.4	-0.1
Prepared salads <sup>1, 3, 4</sup> .....		0.9	-1.2	-0.8	0.7	-1.2
Food away from home <sup>1</sup> .....	5.752	2.8	0.2	0.2	0.2	0.2
Full service meals and snacks <sup>1, 2</sup> .....	2.786	2.3	0.2	0.3	0.2	0.2
Limited service meals and snacks <sup>1, 2</sup> .....	2.443	2.9	0.2	0.1	0.1	0.2
Food at employee sites and schools <sup>2</sup> .....	0.195	10.8	0.2	0.3	0.8	1.8
Food at elementary and secondary schools <sup>1, 3, 5</sup> .....				0.0	0.0	
Food from vending machines and mobile vendors <sup>1, 2</sup> .....	0.081	3.4	0.3	-0.2	0.4	0.3
Other food away from home <sup>1, 2</sup> .....	0.246	1.0	0.1	0.1	0.0	0.1
Energy.....	7.296	-10.9	-2.0	1.2	1.3	-1.6
Energy commodities.....	3.613	-19.4	-5.2	2.4	3.3	-4.4
Fuel oil and other fuels.....	0.176	-10.3	-0.5	4.2	3.7	0.1
Fuel oil <sup>1</sup> .....	0.094	-17.8	-1.3	6.2	3.3	-1.3
Propane, kerosene, and firewood <sup>6</sup> .....	0.082	0.8	0.3	1.9	2.5	1.4
Motor fuel.....	3.437	-19.8	-5.5	2.3	3.3	-4.6
Gasoline (all types).....	3.389	-19.9	-5.5	2.3	3.3	-4.7
Gasoline, unleaded regular <sup>3</sup> .....		-20.6	-5.9	2.4	3.4	-5.0
Gasoline, unleaded midgrade <sup>3, 7</sup> .....		-17.8	-5.4	2.0	3.1	-4.3
Gasoline, unleaded premium <sup>3</sup> .....		-16.6	-3.4	1.3	2.8	-2.6
Other motor fuels <sup>2</sup> .....	0.048	-16.5	-0.7	4.2	4.2	-0.4
Energy services <sup>8</sup> .....	3.683	-0.9	1.1	0.2	-0.5	1.0
Electricity <sup>8</sup> .....	2.941	-1.0	0.3	-0.2	-0.5	0.5
Utility (piped) gas service <sup>8</sup> .....	0.742	-0.4	4.0	1.7	-0.4	3.1
All items less food and energy.....	78.975	2.2	0.0	0.2	0.2	0.1
Commodities less food and energy commodities.....	19.386	-0.6	-0.5	-0.2	-0.2	-0.1
Household furnishings and supplies <sup>9</sup> .....	3.224	-1.9	-0.3	-0.4	-0.3	0.0
Window and floor coverings and other linens <sup>1, 2</sup> .....	0.258	-1.9	1.4	-0.6	-0.9	1.4
Floor coverings <sup>1, 2</sup> .....	0.059	0.6	-0.4	-0.5	0.6	-0.4
Window coverings <sup>1, 2</sup> .....	0.053	1.3	0.1	0.8	-1.3	0.1
Other linens <sup>1, 2</sup> .....	0.146	-3.9	2.7	-1.2	-1.3	2.7
Furniture and bedding <sup>1</sup> .....	0.765	-3.0	-0.5	-0.5	-0.7	-0.5
Bedroom furniture <sup>1</sup> .....	0.271	-0.9	-0.8	0.4	-0.5	-0.8
Living room, kitchen, and dining room furniture <sup>1, 2</sup> .....	0.361	-3.1	-0.3	-1.0	-0.6	-0.3
Other furniture <sup>2</sup> .....	0.127	-7.0	-0.1	-0.3	-0.8	0.1
Infants' furniture <sup>1, 3, 5</sup> .....						
Appliances <sup>2</sup> .....	0.187	-2.7	-0.8	0.6	-0.2	-0.3
Major appliances <sup>2</sup> .....	0.058	-5.3	-2.6	0.3	-1.1	-1.8
Laundry equipment <sup>3</sup> .....		-5.6	-2.6	-1.2	0.1	-2.1
Other appliances <sup>1, 2</sup> .....	0.126	-1.9	0.0	0.4	0.4	0.0
Other household equipment and furnishings <sup>2</sup> .....	0.468	-3.8	-1.2	-0.7	-0.9	-1.1
Clocks, lamps, and decorator items <sup>1</sup> .....	0.243	-5.0	-0.3	-0.8	-1.5	-0.3
Indoor plants and flowers <sup>10</sup> .....	0.102	-2.7	-4.7	0.1	0.7	-3.6
Dishes and flatware <sup>1, 2</sup> .....	0.052	-2.2	0.5	1.1	-1.6	0.5
Nonelectric cookware and tableware <sup>2</sup> .....	0.071	-2.5	-0.7	-1.3	-0.2	-0.6

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
Tools, hardware, outdoor equipment and supplies <sup>2</sup> . . .	0.679	-0.8	0.0	-0.3	0.5	0.2
Tools, hardware and supplies <sup>1, 2</sup> . . . . .	0.181	-1.3	-0.3	-0.2	0.6	-0.3
Outdoor equipment and supplies <sup>2</sup> . . . . .	0.338	-0.5	0.1	-0.5	0.4	0.4
Housekeeping supplies <sup>1</sup> . . . . .	0.867	-0.3	-0.3	-0.1	0.1	-0.3
Household cleaning products <sup>2</sup> . . . . .	0.344	0.8	0.1	0.4	0.6	0.3
Household paper products <sup>1, 2</sup> . . . . .	0.233	-0.4	0.0	-0.5	-0.2	0.0
Miscellaneous household products <sup>1, 2</sup> . . . . .	0.290	-1.6	-0.9	-0.2	0.0	-0.9
Apparel . . . . .	3.109	0.3	-1.9	0.8	-0.4	0.0
Men's and boys' apparel . . . . .	0.786	0.7	-1.2	1.2	-0.6	0.9
Men's apparel . . . . .	0.629	0.1	-1.2	1.7	-0.9	0.6
Men's suits, sport coats, and outerwear . . . . .	0.100	-2.0	-1.8	2.9	-1.2	0.9
Men's furnishings . . . . .	0.205	0.5	-3.2	2.9	0.4	-2.1
Men's shirts and sweaters <sup>2</sup> . . . . .	0.172	4.6	0.0	0.3	-1.8	1.5
Men's pants and shorts . . . . .	0.145	-3.5	0.4	1.3	-1.1	1.3
Boys' apparel . . . . .	0.157	3.1	-1.1	-0.8	0.6	1.1
Women's and girls' apparel . . . . .	1.271	0.5	-4.1	0.7	1.0	-0.6
Women's apparel . . . . .	1.068	1.6	-3.6	0.4	1.2	0.4
Women's outerwear . . . . .	0.068	5.5	-3.5	3.4	3.4	0.7
Women's dresses . . . . .	0.151	-1.5	-8.6	1.1	-0.3	-0.8
Women's suits and separates <sup>2</sup> . . . . .	0.489	0.9	-4.2	-0.1	1.5	0.8
Women's underwear, nightwear, sportswear and accessories <sup>2</sup> . . . . .	0.351	2.1	-0.5	0.8	0.5	0.6
Girls' apparel . . . . .	0.202	-4.7	-7.2	2.2	0.2	-5.5
Footwear . . . . .	0.682	-1.2	-0.5	-0.5	-1.6	-0.2
Men's footwear <sup>1</sup> . . . . .	0.211	-1.1	0.0	-1.6	-2.3	0.0
Boys' and girls' footwear . . . . .	0.168	0.3	0.4	-0.1	-2.0	1.3
Women's footwear . . . . .	0.303	-2.2	-1.3	-0.5	-1.5	0.4
Infants' and toddlers' apparel . . . . .	0.145	-3.2	2.4	0.7	-2.5	2.7
Jewelry and watches <sup>6</sup> . . . . .	0.226	4.9	0.7	4.1	-2.2	-0.7
Watches <sup>1, 6</sup> . . . . .	0.082	7.8	1.9	3.3	0.1	1.9
Jewelry <sup>6</sup> . . . . .	0.144	4.0	0.0	4.2	-2.5	-1.8
Transportation commodities less motor fuel <sup>9</sup> . . . . .	6.283	-1.1	-0.3	-0.5	-0.5	-0.2
New vehicles . . . . .	3.683	0.0	-0.1	-0.1	-0.2	0.2
New cars and trucks <sup>2, 3</sup> . . . . .		-0.1	-0.1	-0.1	-0.2	0.2
New cars <sup>3</sup> . . . . .		-0.8	-0.2	-0.2	-0.2	0.1
New trucks <sup>3, 11</sup> . . . . .		0.5	-0.1	0.0	-0.1	0.2
Used cars and trucks . . . . .	2.117	-3.7	-0.6	-1.3	-1.1	-1.0
Motor vehicle parts and equipment <sup>1</sup> . . . . .	0.388	-0.6	-0.6	-0.6	0.1	-0.6
Tires <sup>1</sup> . . . . .	0.232	-1.4	-0.8	-0.8	-0.2	-0.8
Vehicle accessories other than tires <sup>1, 2</sup> . . . . .	0.156	0.6	-0.4	-0.4	0.6	-0.4
Vehicle parts and equipment other than tires <sup>1, 3</sup> . . . . .		1.0	0.2	-0.1	0.4	0.2
Motor oil, coolant, and fluids <sup>1, 3</sup> . . . . .		-2.5	-1.5	-0.4	-0.8	-1.5
Medical care commodities . . . . .	1.828	3.6	0.6	-0.2	1.1	0.4
Medicinal drugs <sup>1, 9</sup> . . . . .	1.768	3.8	0.6	-0.4	1.0	0.6
Prescription drugs . . . . .	1.407	5.2	0.9	-0.4	1.3	0.9
Nonprescription drugs <sup>1, 9</sup> . . . . .	0.361	-1.6	-0.5	0.3	-0.2	-0.5
Medical equipment and supplies <sup>1, 9</sup> . . . . .	0.060	0.1	0.3	0.7	0.3	0.3
Recreation commodities <sup>9</sup> . . . . .	1.830	-3.5	-0.5	-0.3	-0.9	-0.4
Video and audio products <sup>9</sup> . . . . .	0.234	-11.6	-2.0	-1.2	-1.8	-1.2
Televisions . . . . .	0.117	-20.1	-3.8	-1.9	-2.7	-2.0
Other video equipment <sup>2</sup> . . . . .	0.026	-2.2	0.9	0.3	-1.4	1.2
Audio equipment . . . . .	0.061	-3.9	-0.3	-0.9	0.5	-0.7
Audio discs, tapes and other media <sup>1, 2</sup> . . . . .	0.023	-3.9	-1.5	0.3	-3.9	-1.5

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
Pets and pet products <sup>1</sup> .....	0.588	0.3	-0.4	0.1	-0.3	-0.4
Pet food <sup>1, 2, 3</sup> .....		1.2	-0.5	-0.1	0.3	-0.5
Purchase of pets, pet supplies, accessories <sup>1, 2, 3</sup> .....		-0.5	-0.2	0.3	-0.8	-0.2
Sporting goods <sup>1</sup> .....	0.436	-1.7	0.2	-0.2	-1.4	0.2
Sports vehicles including bicycles <sup>1</sup> .....	0.228	-2.9	0.2	0.0	-1.2	0.2
Sports equipment.....	0.199	-0.8	0.2	-0.3	-1.6	0.4
Photographic equipment and supplies.....	0.037	-2.0	3.2	0.2	2.2	2.6
Film and photographic supplies <sup>1, 2, 3</sup> .....		0.5	0.4	0.7	0.0	0.4
Photographic equipment <sup>2, 3</sup> .....		-2.7	3.8	-0.1	2.2	3.1
Recreational reading materials <sup>1</sup> .....	0.149	-1.6	-0.6	0.4	-0.3	-0.6
Newspapers and magazines <sup>1, 2</sup> .....	0.087	0.2	-0.3	1.2	-0.4	-0.3
Recreational books <sup>1, 2</sup> .....	0.062	-4.2	-1.0	-0.8	-0.2	-1.0
Other recreational goods <sup>2</sup> .....	0.386	-7.4	-1.0	-0.6	-1.4	-1.0
Toys.....	0.314	-9.2	-1.5	-0.7	-1.3	-1.5
Toys, games, hobbies and playground equipment <sup>1, 3</sup> .....		-7.5	-1.2	-1.5	-1.1	-0.9
Sewing machines, fabric and supplies <sup>1, 2</sup> .....	0.024	-4.8	1.7	-0.7	-5.3	1.7
Music instruments and accessories <sup>1, 2</sup> .....	0.033	1.3	0.9	0.0	0.0	0.9
Education and communication commodities <sup>9</sup> .....	0.625	-3.9	-0.4	-0.8	-0.1	-0.3
Educational books and supplies.....	0.160	5.7	0.4	0.1	1.9	0.4
College textbooks <sup>1, 3, 12</sup> .....		6.6	0.4	-0.1	1.4	0.4
Information technology commodities <sup>9</sup> .....	0.465	-7.8	-0.6	-1.2	-0.8	-0.5
Personal computers and peripheral equipment <sup>4</sup> .....	0.281	-7.7	-0.7	-0.6	-0.8	-0.4
Computer software and accessories <sup>1, 2</sup> .....	0.089	-5.3	0.5	-4.3	0.2	0.5
Telephone hardware, calculators, and other consumer information items <sup>1, 2</sup> .....	0.094	-11.3	-1.7	0.1	-2.0	-1.7
Alcoholic beverages.....	0.948	1.2	0.0	-0.1	0.1	-0.1
Alcoholic beverages at home.....	0.584	0.9	-0.1	-0.2	0.1	-0.2
Beer, ale, and other malt beverages at home.....	0.267	1.8	-0.2	0.1	0.1	-0.1
Distilled spirits at home.....	0.073	0.5	0.3	-0.9	0.0	0.2
Whiskey at home <sup>1, 3</sup> .....		0.4	0.6	-2.7	0.8	0.6
Distilled spirits, excluding whiskey, at home <sup>3</sup> .....		0.3	0.0	-0.5	0.0	-0.3
Wine at home.....	0.244	0.0	-0.1	-0.4	0.1	-0.3
Alcoholic beverages away from home <sup>1</sup> .....	0.364	1.8	0.1	0.4	0.1	0.1
Beer, ale, and other malt beverages away from home <sup>1, 2, 3</sup> .....		1.9	0.1	0.5	0.1	0.1
Wine away from home <sup>1, 2, 3</sup> .....		0.9	0.0	0.1	0.0	0.0
Distilled spirits away from home <sup>1, 2, 3</sup> .....		2.9	-0.1	0.8	0.1	-0.1
Other goods <sup>9</sup> .....	1.540	0.8	-0.2	-0.1	0.0	-0.3
Tobacco and smoking products.....	0.652	2.9	0.0	0.2	0.6	-0.5
Cigarettes <sup>2</sup> .....	0.590	2.9	0.0	0.2	0.6	-0.6
Tobacco products other than cigarettes <sup>1, 2</sup> .....	0.045	2.8	0.0	0.2	0.3	0.0
Personal care products <sup>1</sup> .....	0.701	0.3	0.2	-0.2	-0.4	0.2
Hair, dental, shaving, and miscellaneous personal care products <sup>1, 2</sup> .....	0.373	-0.4	0.4	-0.7	-0.3	0.4
Cosmetics, perfume, bath, nail preparations and implements <sup>1</sup> .....	0.322	1.0	0.1	0.4	-0.5	0.1
Miscellaneous personal goods <sup>2</sup> .....	0.187	-4.4	-2.2	-1.2	-0.5	-1.8
Stationery, stationery supplies, gift wrap <sup>3</sup> .....		-1.4	-2.3	0.0	-0.5	-1.5
Infants' equipment <sup>1, 3, 5</sup> .....		-3.9	0.0	0.1	-1.5	0.0
Services less energy services.....	59.589	3.1	0.1	0.3	0.3	0.2
Shelter.....	33.183	3.3	0.2	0.4	0.3	0.2
Rent of shelter <sup>13</sup> .....	32.840	3.3	0.2	0.4	0.4	0.2
Rent of primary residence <sup>8</sup> .....	7.710	3.8	0.3	0.4	0.4	0.3

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
Lodging away from home <sup>2</sup> .....	0.982	1.6	-1.3	0.7	0.6	-2.4
Housing at school, excluding board <sup>8, 13</sup> .....	0.118	2.8	0.2	0.3	0.4	0.2
Other lodging away from home including hotels and motels.....	0.864	0.0	-1.5	0.8	0.6	-2.7
Owners' equivalent rent of residences <sup>8, 13</sup> .....	24.148	3.3	0.3	0.3	0.3	0.3
Owners' equivalent rent of primary residence <sup>8, 13</sup> .....	23.041	3.3	0.3	0.3	0.3	0.3
Tenants' and household insurance <sup>1, 2</sup> .....	0.343	1.0	0.1	0.1	0.0	0.1
Water and sewer and trash collection services <sup>2</sup> .....	1.156	3.5	0.0	0.6	0.2	-0.3
Water and sewerage maintenance <sup>8</sup> .....	0.874	4.1	-0.1	0.7	0.3	-0.5
Garbage and trash collection <sup>1, 11</sup> .....	0.283	1.7	0.2	0.1	-0.1	0.2
Household operations <sup>1, 2</sup> .....	0.846	2.9	0.3	0.3	0.9	0.3
Domestic services <sup>1, 2</sup> .....	0.280	1.0	0.0			0.0
Gardening and lawncare services <sup>1, 2</sup> .....	0.276	1.3	0.5	-0.1	0.4	0.5
Moving, storage, freight expense <sup>2</sup> .....	0.120	12.3	0.8	0.8	3.1	0.7
Repair of household items <sup>1, 2</sup> .....	0.087	2.5	0.1	1.4	0.2	0.1
Medical care services.....	6.600	4.1	0.4	0.5	0.2	0.5
Professional services.....	3.130	2.9	0.4	0.7	0.0	0.5
Physicians' services <sup>8</sup> .....	1.683	3.4	0.6	1.0	0.3	0.7
Dental services <sup>8</sup> .....	0.813	2.5	0.0	0.1	-0.2	0.0
Eyeglasses and eye care <sup>1, 6</sup> .....	0.324	1.9	-0.3	0.4	-0.4	-0.3
Services by other medical professionals <sup>8, 6</sup> .....	0.311	1.8	0.9	1.1	-0.5	1.0
Hospital and related services.....	2.469	4.4	0.3	0.6	0.1	0.4
Hospital services <sup>8, 14</sup> .....	2.200	4.6	0.3	0.7	0.1	0.4
Inpatient hospital services <sup>8, 14, 3</sup> .....		5.3	0.2	0.7	-0.2	0.5
Outpatient hospital services <sup>8, 3, 6</sup> .....		2.9	0.3	0.7	0.2	0.4
Nursing homes and adult day services <sup>8, 14</sup> .....	0.192	3.6	0.1	0.3	0.2	0.2
Care of invalids and elderly at home <sup>1, 5</sup> .....	0.077	2.3	0.1	0.0	0.3	0.1
Health insurance <sup>1, 5</sup> .....	1.001	7.8	0.7	0.6	0.4	0.7
Transportation services.....	5.936	3.0	-0.6	0.3	0.3	-0.2
Leased cars and trucks <sup>12</sup> .....	0.554	2.6	0.8	-0.1	-0.1	0.7
Car and truck rental <sup>2</sup> .....	0.111	3.9	5.6	4.8	3.2	-2.6
Motor vehicle maintenance and repair <sup>1</sup> .....	1.156	1.8	0.2	0.2	0.1	0.2
Motor vehicle body work <sup>1</sup> .....	0.056	2.5	0.4	0.2	0.1	0.4
Motor vehicle maintenance and servicing <sup>1</sup> .....	0.669	1.7	0.3	0.3	-0.1	0.3
Motor vehicle repair <sup>1, 2</sup> .....	0.389	1.9	-0.1	-0.1	0.3	-0.1
Motor vehicle insurance.....	2.400	6.3	0.3	0.9	0.2	0.4
Motor vehicle fees <sup>1, 2</sup> .....	0.525	1.7	0.4	0.2	0.0	0.4
State motor vehicle registration and license fees <sup>1, 8, 2</sup> .....	0.280	1.0	0.5	0.0	0.0	0.5
Parking and other fees <sup>2</sup> .....	0.234	2.5	0.2	0.5	0.3	0.2
Parking fees and tolls <sup>1, 2, 3</sup> .....		3.0	0.4	0.4	0.0	0.4
Automobile service clubs <sup>1, 2, 3</sup> .....		0.6	0.0	0.0	0.3	0.0
Public transportation.....	1.190	-2.2	-5.0	-0.8	0.5	-2.5
Airline fare.....	0.729	-4.6	-8.5	-1.5	1.6	-4.9
Other intercity transportation.....	0.178	2.9	0.7	2.5	-1.8	-0.1
Intercity bus fare <sup>1, 3, 4</sup> .....						
Intercity train fare <sup>1, 3, 4</sup> .....		-1.6	2.8	-0.3	1.1	2.8
Ship fare <sup>1, 2, 3</sup> .....		8.7	-0.1	3.1	-0.2	-0.1
Intracity transportation <sup>1</sup> .....	0.279	1.7	0.2	0.0	0.0	0.2
Intracity mass transit <sup>1, 3, 9</sup> .....		1.7	0.2	0.0	0.0	0.2
Recreation services <sup>9</sup> .....	3.893	3.1	0.0	0.2	0.6	0.1
Video and audio services <sup>9</sup> .....	1.638	4.3	0.0	0.3	0.7	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, July 2016 — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
Cable and satellite television and radio service <sup>11</sup> .....	1.531	4.4	0.1	0.3	0.7	0.3
Video discs and other media, including rental of video and audio <sup>1, 2</sup> .....	0.108	3.1	-1.8	1.5	0.7	-1.8
Video discs and other media <sup>1, 2, 3</sup> .....		1.2	-2.9	1.2	-0.2	-2.9
Rental of video or audio discs and other media <sup>1, 2, 3</sup> .....		3.0	0.0	1.9	1.8	0.0
Pet services including veterinary <sup>2</sup> .....	0.368	3.6	0.3	0.5	0.1	0.4
Pet services <sup>1, 2, 3</sup> .....		2.2	0.5	-0.1	0.1	0.5
Veterinarian services <sup>2, 3</sup> .....		3.7	0.1	0.5	0.0	0.2
Photographers and film processing <sup>1, 2</sup> .....	0.049	2.6	0.3	0.5	-0.1	0.3
Photographer fees <sup>1, 2, 3</sup> .....		2.4	0.0	0.1	0.0	0.0
Film processing <sup>1, 2, 3</sup> .....		2.2	0.8	1.1	-0.4	0.8
Other recreation services <sup>2</sup> .....	1.836	1.9	-0.1	0.0	0.6	-0.1
Club dues and fees for participant sports and group exercises <sup>1, 2</sup> .....	0.645	-0.3	-0.5	-0.3	0.4	-0.5
Admissions <sup>1</sup> .....	0.646	4.0	0.1	0.3	1.0	0.1
Admission to movies, theaters, and concerts <sup>1, 2, 3</sup> .....		3.4	-1.0	0.3	0.5	-1.0
Admission to sporting events <sup>1, 2, 3</sup> .....		5.8	2.4	0.5	3.3	2.4
Fees for lessons or instructions <sup>1, 6</sup> .....	0.220	1.9	0.2	0.0	0.2	0.2
Education and communication services <sup>9</sup> .....	6.362	1.3	0.0	0.0	0.1	-0.2
Tuition, other school fees, and childcare.....	2.984	2.7	0.2	0.3	0.4	-0.1
College tuition and fees.....	1.771	2.7	0.2	0.3	0.5	-0.3
Elementary and high school tuition and fees.....	0.307	3.2	0.4	0.2	0.2	-0.1
Child care and nursery school <sup>10</sup> .....	0.735	2.4	0.3	0.1	0.3	0.3
Technical and business school tuition and fees <sup>2</sup> .....	0.041	1.6	0.3	-0.1	0.1	0.2
Postage and delivery services <sup>2</sup> .....	0.136	0.2	0.0	0.1	0.0	0.0
Postage <sup>1</sup> .....	0.129	0.4	0.0	0.0	0.0	0.0
Delivery services <sup>2</sup> .....	0.007	-2.5	0.0	1.0	0.0	0.2
Telephone services <sup>1, 2</sup> .....	2.513	0.2	-0.2	-0.4	-0.1	-0.2
Wireless telephone services <sup>1, 2</sup> .....	1.788	0.3	-0.3	-0.6	0.0	-0.3
Land-line telephone services <sup>1, 9</sup> .....	0.725	0.3	-0.2	0.0	-0.6	-0.2
Internet services and electronic information providers <sup>2</sup> .....	0.718	0.0	-0.5	0.1	-0.2	-0.1
Other personal services <sup>1, 9</sup> .....	1.612	3.0	0.4	0.6	0.4	0.4
Personal care services <sup>1</sup> .....	0.605	1.6	0.0	0.3	0.0	0.0
Haircuts and other personal care services <sup>1, 2</sup> .....	0.605	1.6	0.0	0.3	0.0	0.0
Miscellaneous personal services.....	1.007	3.9	0.6	0.8	0.5	0.8
Legal services <sup>1, 6</sup> .....	0.240	5.0	1.6	1.4	0.6	1.6
Funeral expenses <sup>1, 6</sup> .....	0.143	2.1	0.2	0.3	0.2	0.2
Laundry and dry cleaning services <sup>1, 2</sup> .....	0.265	3.3	0.3	0.1	0.6	0.3
Apparel services other than laundry and dry cleaning <sup>1, 2</sup> .....	0.026	2.2	0.2	0.2	-0.1	0.2
Financial services <sup>1, 6</sup> .....	0.234	4.6	0.3	1.1	1.0	0.3
Checking account and other bank services <sup>1, 2, 3</sup> .....		3.5	0.0	2.9	0.4	0.0
Tax return preparation and other accounting fees <sup>1, 2, 3</sup> .....		5.2	0.3	0.3	1.3	0.3

<sup>1</sup> Not seasonally adjusted.

<sup>2</sup> Indexes on a December 1997=100 base.

<sup>3</sup> Special index based on a substantially smaller sample.

<sup>4</sup> Indexes on a December 2007=100 base.

<sup>5</sup> Indexes on a December 2005=100 base.

<sup>6</sup> Indexes on a December 1986=100 base.

<sup>7</sup> Indexes on a December 1993=100 base.



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

<sup>9</sup> Indexes on a December 2009=100 base.

<sup>10</sup> Indexes on a December 1990=100 base.

<sup>11</sup> Indexes on a December 1983=100 base.

<sup>12</sup> Indexes on a December 2001=100 base.

<sup>13</sup> Indexes on a December 1982=100 base.

<sup>14</sup> 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, July 2016**

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Jun. 2016	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2015	Jun. 2016	Jul. 2016	Jul. 2015- Jul. 2016	Jun. 2016- Jul. 2016	Apr. 2016- May 2016	May 2016- Jun. 2016	Jun. 2016- Jul. 2016
All items less food.....	86.271	237.365	240.032	239.570	0.9	-0.2	0.3	0.3	0.0
All items less shelter.....	66.817	225.318	225.312	224.489	-0.4	-0.4	0.1	0.2	-0.2
All items less food and shelter.....	53.087	219.631	219.476	218.450	-0.5	-0.5	0.2	0.2	-0.2
All items less food, shelter, and energy.....	45.791	221.866	225.469	224.982	1.4	-0.2	0.1	0.1	0.0
All items less food, shelter, energy, and used cars and trucks.....	43.674	226.125	230.184	229.727	1.6	-0.2	0.2	0.1	0.0
All items less medical care.....	91.573	228.607	230.399	229.897	0.6	-0.2	0.2	0.2	-0.1
All items less energy.....	92.704	242.439	247.082	247.047	1.9	0.0	0.1	0.1	0.1
Commodities.....	36.729	184.071	180.786	179.422	-2.5	-0.8	0.0	0.1	-0.5
Commodities less food, energy, and used cars and trucks.....	17.269	145.920	146.115	145.440	-0.3	-0.5	0.0	-0.1	0.0
Commodities less food.....	22.999	155.496	150.837	148.994	-4.2	-1.2	0.2	0.3	-0.8
Commodities less food and beverages.....	22.051	152.524	147.658	145.780	-4.4	-1.3	0.2	0.3	-0.8
Services.....	63.271	292.628	300.484	301.028	2.9	0.2	0.3	0.3	0.2
Services less rent of shelter <sup>1</sup> .....	30.431	316.982	324.162	324.512	2.4	0.1	0.2	0.1	0.3
Services less medical care services.....	56.672	278.663	285.842	286.286	2.7	0.2	0.3	0.2	0.2
Durables.....	9.487	109.652	107.832	107.432	-2.0	-0.4	-0.5	-0.5	-0.2
Nondurables.....	27.242	221.010	217.094	215.167	-2.6	-0.9	0.1	0.4	-0.5
Nondurables less food.....	13.513	198.474	191.315	187.835	-5.4	-1.8	0.4	0.8	-1.1
Nondurables less food and beverages.....	12.564	195.923	188.151	184.477	-5.8	-2.0	0.4	0.8	-1.2
Nondurables less food, beverages, and apparel.....	9.455	246.052	231.420	226.894	-7.8	-2.0	0.3	1.2	-1.4
Nondurables less food and apparel.....	10.403	244.225	231.260	227.141	-7.0	-1.8	0.2	1.1	-1.3
Housing.....	42.269	239.085	244.280	244.936	2.4	0.3	0.3	0.2	0.3
Education and communication <sup>2</sup> .....	6.987	137.600	138.898	138.790	0.9	-0.1	-0.1	0.1	-0.2
Education <sup>2</sup> .....	3.144	239.680	245.911	246.478	2.8	0.2	0.3	0.5	-0.1
Communication <sup>2</sup> .....	3.843	79.793	79.419	79.156	-0.8	-0.3	-0.4	-0.2	-0.2
Information and information processing <sup>2</sup> ....	3.707	75.959	75.586	75.327	-0.8	-0.3	-0.4	-0.2	-0.2
Information technology, hardware and services <sup>3</sup> .....	1.194	8.008	7.812	7.767	-3.0	-0.6	-0.4	-0.4	-0.2
Recreation <sup>2</sup> .....	5.722	116.355	117.582	117.358	0.9	-0.2	0.0	0.1	-0.1
Video and audio <sup>2</sup> .....	1.872	99.705	101.975	101.719	2.0	-0.3	0.2	0.4	0.0
Pets, pet products and services <sup>2</sup> .....	0.956	166.978	169.772	169.585	1.6	-0.1	0.2	-0.1	-0.1
Photography <sup>2</sup> .....	0.087	75.336	74.446	75.591	0.3	1.5	0.4	0.8	1.3
Food and beverages.....	14.678	246.558	247.207	247.267	0.3	0.0	-0.2	-0.1	0.0
Domestically produced farm food.....	6.675	250.868	246.776	246.356	-1.8	-0.2	-0.3	-0.3	-0.3
Other services.....	11.867	339.325	346.491	346.557	2.1	0.0	0.1	0.3	0.0
Apparel less footwear.....	2.428	115.112	118.827	116.028	0.8	-2.4	1.2	0.0	0.1
Fuels and utilities.....	5.015	234.137	231.941	233.713	-0.2	0.8	0.4	-0.2	0.7
Household energy.....	3.858	199.142	194.481	196.422	-1.4	1.0	0.4	-0.3	1.0
Medical care.....	8.427	446.773	462.543	464.582	4.0	0.4	0.3	0.4	0.5
Transportation.....	15.657	207.218	200.262	197.145	-4.9	-1.6	0.4	0.6	-1.1
Private transportation.....	14.467	202.049	194.261	191.796	-5.1	-1.3	0.5	0.6	-1.0
New and used motor vehicles <sup>2</sup> .....	6.561	101.611	100.919	100.850	-0.7	-0.1	-0.4	-0.4	-0.2
Utilities and public transportation.....	10.073	216.951	218.508	217.973	0.5	-0.2	0.1	-0.3	0.2
Household furnishings and operations.....	4.071	122.670	121.769	121.565	-0.9	-0.2	-0.3	-0.1	0.1
Other goods and services.....	3.152	415.359	422.915	423.439	1.9	0.1	0.4	0.2	0.1
Personal care.....	2.500	220.808	224.201	224.563	1.7	0.2	0.4	0.0	0.2

<sup>1</sup> Indexes on a December 1982=100 base.

<sup>2</sup> Indexes on a December 1997=100 base.

<sup>3</sup> 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, July 2016**  
 [1982-84=100, unless otherwise noted]

Area	Pricing Schedule <sup>1</sup>	Percent change to Jul. 2016 from:			Percent change to Jun. 2016 from:		
		Jul. 2015	May 2016	Jun. 2016	Jun. 2015	Apr. 2016	May 2016
U.S. city average.....	M	0.8	0.2	-0.2	1.0	0.7	0.3
<b>Region and area size<sup>2</sup></b>							
Northeast urban.....	M	0.8	0.2	0.0	0.8	0.5	0.2
Size A - More than 1,500,000.....	M	1.0	0.2	-0.1	0.9	0.5	0.2
Size B/C - 50,000 to 1,500,000 <sup>3</sup> .....	M	0.3	0.2	0.0	0.2	0.5	0.2
Midwest urban.....	M	0.4	0.1	-0.5	0.8	1.0	0.6
Size A - More than 1,500,000.....	M	0.5	0.1	-0.5	1.0	1.1	0.7
Size B/C - 50,000 to 1,500,000 <sup>3</sup> .....	M	0.2	0.2	-0.4	0.5	0.9	0.6
Size D - Nonmetropolitan (less than 50,000).....	M	0.7	0.1	-0.2	1.1	0.6	0.3
South urban.....	M	0.7	0.2	-0.2	0.8	0.8	0.4
Size A - More than 1,500,000.....	M	1.2	0.3	-0.1	1.1	0.8	0.4
Size B/C - 50,000 to 1,500,000 <sup>3</sup> .....	M	0.4	0.1	-0.3	0.6	0.8	0.4
Size D - Nonmetropolitan (less than 50,000).....	M	0.1	0.0	-0.5	0.2	0.9	0.5
West urban.....	M	1.4	0.2	0.1	1.6	0.7	0.2
Size A - More than 1,500,000.....	M	1.6	0.3	0.1	2.0	0.7	0.2
Size B/C - 50,000 to 1,500,000 <sup>3</sup> .....	M	0.6	-0.1	0.0	0.5	0.5	-0.1
<b>Size classes</b>							
A <sup>4</sup> .....	M	1.1	0.2	-0.1	1.3	0.7	0.4
B/C <sup>3</sup> .....	M	0.4	0.1	-0.2	0.5	0.7	0.3
D.....	M	0.8	0.1	-0.3	1.1	0.8	0.4
<b>Selected local areas<sup>5</sup></b>							
Chicago-Gary-Kenosha, IL-IN-WI.....	M	-0.1	-0.4	-0.8	0.6	0.5	0.5
Los Angeles-Riverside-Orange County, CA.....	M	1.2	0.1	0.0	1.8	0.6	0.1
New York-Northern N.J.-Long Island, NY-NJ-CT-PA. . .	M	1.0	0.2	-0.1	1.0	0.5	0.3
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 <sup>6</sup> .....	1	1.4	-0.1				
Atlanta, GA.....	2				0.7	1.3	
Detroit-Ann Arbor-Flint, MI.....	2				2.3	1.2	
Houston-Galveston-Brazoria, TX.....	2				1.6	0.8	
Miami-Fort Lauderdale, FL.....	2				1.6	0.6	
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD...	2				0.1	0.3	
San Francisco-Oakland-San Jose, CA.....	2				2.7	0.6	
Seattle-Tacoma-Bremerton, WA.....	2				1.8	0.9	

<sup>1</sup> 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.

<sup>2</sup> Regions defined as the four Census regions.

<sup>3</sup> Indexes on a December 1996=100 base.

<sup>4</sup> Indexes on a December 1986=100 base.

<sup>5</sup> 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.

<sup>6</sup> 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, July 2016**  
 [Percent changes]

Month Year	Unadjusted 1-month percent change		Unadjusted 12-month percent change	
	C-CPI-U <sup>1</sup>	CPI-U	C-CPI-U <sup>1</sup>	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

<sup>1</sup> 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, July 2016, 1-month analysis table**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
All items.....	100.000	0.0		0.04	S-Feb.2016	-0.2
Food.....	13.729	0.0	-0.001	0.08	L-Apr.2016	0.2
Food at home.....	7.978	-0.2	-0.013	0.12	L-Apr.2016	0.1
Cereals and bakery products.....	1.078	-0.2	-0.002	0.27	S-May 2016	-0.4
Cereals and cereal products.....	0.364	0.6	0.002	0.44	L-Feb.2016	1.2
Flour and prepared flour mixes.....	0.044	1.8	0.001	0.64	L-Apr.2016	2.2
Breakfast cereal <sup>4</sup> .....	0.186	0.6	0.001	0.71	L-Feb.2016	1.5
Rice, pasta, cornmeal <sup>4</sup> .....	0.134	0.3	0.000	0.67	L-Apr.2016	0.3
Rice <sup>4, 5, 6</sup> .....		-0.7		0.83	S-Apr.2016	-1.2
Bakery products <sup>4</sup> .....	0.714	-0.3	-0.002	0.31	S-May 2016	-0.5
Bread <sup>4, 5</sup> .....	0.213	0.0	0.000	0.57	S-May 2016	0.0
White bread <sup>4, 6</sup> .....		0.2		0.81	-	-
Bread other than white <sup>4, 6</sup> .....		-0.3		0.88	S-May 2016	-0.8
Fresh biscuits, rolls, muffins <sup>5</sup> .....	0.104	-1.1	-0.001	0.69	S-Feb.2016	-1.2
Cakes, cupcakes, and cookies.....	0.172	-0.4	-0.001	0.64	L-May 2016	-0.1
Cookies <sup>6</sup> .....		-1.8		0.97	S-Nov.2015	-1.9
Fresh cakes and cupcakes <sup>4, 6</sup> .....		1.6		0.86	L-Oct.2012	2.6
Other bakery products.....	0.225	-0.6	-0.001	0.66	S-May 2016	-1.3
Fresh sweetrolls, coffeecakes, doughnuts <sup>4, 6</sup> .....		0.2		0.84	S-May 2016	-0.4
Crackers, bread, and cracker products <sup>6</sup> .....		-1.5		1.25	S-Mar.2014	-1.9
Frozen and refrigerated bakery products, pies, tarts, turnovers <sup>6</sup> .....		-0.7		0.88	S-May 2016	-1.3
Meats, poultry, fish, and eggs.....	1.789	-0.6	-0.011	0.22	L-May 2016	-0.5
Meats, poultry, and fish.....	1.684	-0.6	-0.011	0.24	S-Jan.2016	-0.7
Meats.....	1.073	-0.9	-0.010	0.27	S-Dec.2015	-1.1
Beef and veal.....	0.486	-1.4	-0.007	0.40	S-Dec.2015	-1.8
Uncooked ground beef <sup>4</sup> .....	0.194	-0.6	-0.001	0.55	L-May 2016	-0.2
Uncooked beef roasts <sup>4, 5</sup> .....	0.067	-1.6	-0.001	0.87	L-May 2016	2.9
Uncooked beef steaks <sup>5</sup> .....	0.177	-2.9	-0.005	0.70	S-Jan.2009	-2.9
Uncooked other beef and veal <sup>4, 5</sup> .....	0.048	0.1	0.000	0.81	S-May 2016	-1.8
Pork.....	0.334	-0.6	-0.002	0.47	S-May 2016	-1.2
Bacon, breakfast sausage, and related products <sup>5</sup> .....	0.140	-0.2	0.000	0.76	S-May 2016	-1.9
Bacon and related products <sup>6</sup> .....		-0.1		0.95	L-May 2016	0.1
Breakfast sausage and related products <sup>5, 6</sup> .....		-0.4		0.94	S-May 2016	-2.7
Ham.....	0.061	-0.1	0.000	0.91	S-May 2016	-2.1
Ham, excluding canned <sup>6</sup> .....		-0.2		1.16	S-May 2016	-2.4
Pork chops <sup>4</sup> .....	0.055	2.1	0.001	1.17	L-Jul.2015	2.7
Other pork including roasts and picnics <sup>5</sup> .....	0.078	-1.6	-0.001	1.01	S-Dec.2015	-1.8
Other meats.....	0.253	-0.5	-0.001	0.48	-	-
Frankfurters <sup>6</sup> .....		-0.8		1.56	L-Mar.2016	0.9
Lunchmeats <sup>5, 6</sup> .....		-0.9		0.62	S-Feb.2014	-0.9
Lamb and organ meats <sup>4, 6</sup> .....		0.7		1.72	S-May 2016	-1.9
Lamb and mutton <sup>4, 5, 6</sup> .....		0.0		2.54	S-May 2016	-3.2
Poultry.....	0.346	-0.3	-0.001	0.63	L-May 2016	0.2
Chicken <sup>4, 5</sup> .....	0.279	-0.1	0.000	0.76	L-Apr.2016	1.1
Fresh whole chicken <sup>4, 6</sup> .....		3.1		1.42	L-Aug.2014	3.3
Fresh and frozen chicken parts <sup>4, 6</sup> .....		-1.4		0.72	S-Dec.2015	-1.7
Other poultry including turkey <sup>5</sup> .....	0.067	-1.3	-0.001	0.78	S-Sep.2015	-1.7
Fish and seafood.....	0.265	0.2	0.000	0.54	S-May 2016	-0.4
Fresh fish and seafood <sup>5</sup> .....	0.144	0.9	0.001	0.87	-	-
Processed fish and seafood <sup>5</sup> .....	0.121	-1.0	-0.001	0.53	S-Oct.2015	-1.0

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
Shelf stable fish and seafood <sup>4, 6</sup> .....		-1.5		0.88	S-Mar.2013	-2.3
Frozen fish and seafood <sup>6</sup> .....		-0.1		0.75	L-Mar.2016	0.0
Eggs.....	0.105	-0.6	-0.001	0.62	L-Feb.2016	0.4
Dairy and related products.....	0.808	-0.4	-0.003	0.26	S-May 2016	-0.6
Milk <sup>4, 5</sup> .....	0.226	-0.4	-0.001	0.33	L-May 2016	-0.2
Fresh whole milk <sup>6</sup> .....		-1.6		0.53	S-Aug.2015	-1.8
Fresh milk other than whole <sup>5, 6</sup> .....		-0.9		0.45	L-May 2016	0.5
Cheese and related products.....	0.260	0.1	0.000	0.46	L-Apr.2016	0.7
Ice cream and related products.....	0.115	-0.5	-0.001	0.83	S-Feb.2016	-1.0
Other dairy and related products <sup>4, 5</sup> .....	0.206	0.1	0.000	0.57	S-May 2016	-1.5
Fruits and vegetables.....	1.344	0.3	0.004	0.37	L-Feb.2016	0.8
Fresh fruits and vegetables.....	1.044	0.3	0.003	0.46	L-Feb.2016	1.0
Fresh fruits.....	0.562	0.4	0.002	0.64	L-Feb.2016	2.3
Apples.....	0.092	-1.8	-0.002	1.11	S-May 2016	-2.5
Bananas <sup>4</sup> .....	0.087	-0.4	0.000	0.62	S-Apr.2016	-1.5
Citrus fruits <sup>5</sup> .....	0.160	-2.6	-0.004	1.44	S-Jun.2014	-6.4
Oranges, including tangerines <sup>6</sup> .....		-0.3		1.41	S-May 2016	-3.0
Other fresh fruits <sup>5</sup> .....	0.223	2.8	0.007	1.08	L-Feb.2016	5.4
Fresh vegetables.....	0.482	0.2	0.001	0.59	L-Jan.2016	2.2
Potatoes.....	0.081	-1.8	-0.001	1.14	S-Jun.2015	-2.5
Lettuce.....	0.065	-2.1	-0.001	1.44	L-May 2016	3.3
Tomatoes <sup>4</sup> .....	0.078	0.4	0.000	1.42	L-Jan.2016	15.3
Other fresh vegetables.....	0.258	1.2	0.003	0.74	L-Nov.2015	1.4
Processed fruits and vegetables <sup>5</sup> .....	0.300	0.2	0.001	0.49	L-Apr.2016	1.6
Canned fruits and vegetables <sup>5</sup> .....	0.157	0.2	0.000	0.76	L-Apr.2016	1.7
Canned fruits <sup>5, 6</sup> .....		-0.2		0.86	L-Apr.2016	1.9
Canned vegetables <sup>5, 6</sup> .....		0.9		1.02	L-Apr.2016	1.5
Frozen fruits and vegetables <sup>5</sup> .....	0.088	0.4	0.000	0.86	L-Apr.2016	2.1
Frozen vegetables <sup>6</sup> .....		0.3		1.07	-	-
Other processed fruits and vegetables including dried <sup>5</sup> .....	0.055	0.7	0.000	0.73	L-Apr.2016	1.3
Dried beans, peas, and lentils <sup>4, 5, 6</sup> .....		0.0		0.79	L-May 2016	0.2
Nonalcoholic beverages and beverage materials.....	0.950	0.3	0.003	0.34	L-Apr.2016	0.3
Juices and nonalcoholic drinks <sup>5</sup> .....	0.668	0.4	0.003	0.43	L-Apr.2016	0.7
Carbonated drinks.....	0.269	0.3	0.001	0.68	L-Apr.2016	1.5
Frozen noncarbonated juices and drinks <sup>4, 5</sup> .....	0.011	-1.6	0.000	0.64	-	-
Nonfrozen noncarbonated juices and drinks <sup>5</sup> .....	0.388	0.6	0.002	0.61	L-Feb.2016	0.7
Beverage materials including coffee and tea <sup>5</sup> .....	0.283	-0.1	0.000	0.44	L-May 2016	0.6
Coffee.....	0.179	-1.1	-0.002	0.59	S-Mar.2016	-1.2
Roasted coffee <sup>6</sup> .....		-1.5		0.64	S-Mar.2016	-1.7
Instant and freeze dried coffee <sup>4, 6</sup> .....		-1.5		1.03	S-Aug.2015	-2.2
Other beverage materials including tea <sup>5</sup> .....	0.104	1.9	0.002	0.62	L-Jun.2012	2.4
Other food at home.....	2.009	-0.2	-0.003	0.23	S-May 2016	-0.5
Sugar and sweets <sup>4</sup> .....	0.291	0.0	0.000	0.58	-	-
Sugar and artificial sweeteners.....	0.050	-1.1	-0.001	0.62	S-Mar.2016	-1.6
Candy and chewing gum <sup>4, 5</sup> .....	0.185	0.1	0.000	0.89	S-May 2016	-0.5
Other sweets <sup>5</sup> .....	0.055	0.3	0.000	0.63	L-Apr.2016	0.6
Fats and oils.....	0.234	0.2	0.000	0.42	L-Apr.2016	0.7
Butter and margarine <sup>5</sup> .....	0.068	0.7	0.000	0.65	S-May 2016	-3.1
Butter <sup>6</sup> .....		-0.6		0.92	S-May 2016	-3.3
Margarine <sup>6</sup> .....		1.1		1.02	S-May 2016	-2.0
Salad dressing <sup>5</sup> .....	0.056	1.4	0.001	0.82	L-Jun.2011	2.8
Other fats and oils including peanut butter <sup>5</sup> .....	0.110	-0.5	-0.001	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, July 2016, 1-month analysis table — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
Peanut butter <sup>4, 5, 6</sup> .....		-2.1		1.00	L-May 2016	3.1
Other foods.....	1.484	-0.3	-0.004	0.28	S-May 2016	-0.4
Soups.....	0.098	-1.3	-0.001	1.02	S-Oct.2014	-1.6
Frozen and freeze dried prepared foods <sup>4</sup> .....	0.264	-0.6	-0.002	0.63	S-Mar.2016	-0.7
Snacks <sup>4</sup> .....	0.335	-0.2	-0.001	0.66	L-May 2016	-0.1
Spices, seasonings, condiments, sauces.....	0.286	0.7	0.002	0.59	L-Apr.2016	1.1
Salt and other seasonings and spices <sup>5, 6</sup> .....		-0.6		0.93	S-May 2016	-0.8
Olives, pickles, relishes <sup>4, 5, 6</sup> .....		1.7		1.56	S-May 2016	-3.8
Sauces and gravies <sup>5, 6</sup> .....		0.9		0.87	L-Mar.2016	1.5
Other condiments <sup>6</sup> .....		0.1		0.97	S-May 2016	-1.9
Baby food <sup>4, 5</sup> .....	0.055	1.0	0.001	0.38	L-Feb.2016	1.0
Other miscellaneous foods <sup>4, 5</sup> .....	0.447	-0.1	0.000	0.51	S-May 2016	-0.4
Prepared salads <sup>4, 7, 6</sup> .....		-1.2		0.55	S-Jan.2016	-1.5
Food away from home <sup>4</sup> .....	5.752	0.2	0.011	0.06	—	—
Full service meals and snacks <sup>4, 5</sup> .....	2.786	0.2	0.005	0.07	—	—
Limited service meals and snacks <sup>4, 5</sup> .....	2.443	0.2	0.005	0.10	L-Apr.2016	0.3
Food at employee sites and schools <sup>5</sup> .....	0.195	1.8	0.003	0.16	L-Sep.2015	5.8
Food at elementary and secondary schools <sup>4, 8, 6</sup> .....						
Food from vending machines and mobile vendors <sup>4, 5</sup> .....	0.081	0.3	0.000	0.34	S-May 2016	-0.2
Other food away from home <sup>4, 5</sup> .....	0.246	0.1	0.000	0.11	L-May 2016	0.1
Energy.....	7.296	-1.6	-0.110	0.15	S-Feb.2016	-6.0
Energy commodities.....	3.613	-4.4	-0.147	0.12	S-Feb.2016	-12.5
Fuel oil and other fuels.....	0.176	0.1	0.000	0.53	S-Mar.2016	-2.0
Fuel oil <sup>4</sup> .....	0.094	-1.3	-0.001	0.37	S-Feb.2016	-2.9
Propane, kerosene, and firewood <sup>9</sup> .....	0.082	1.4	0.001	0.78	S-Apr.2016	-0.4
Motor fuel.....	3.437	-4.6	-0.147	0.12	S-Feb.2016	-12.9
Gasoline (all types).....	3.389	-4.7	-0.147	0.12	S-Feb.2016	-13.0
Gasoline, unleaded regular <sup>6</sup> .....		-5.0		0.38	S-Feb.2016	-13.4
Gasoline, unleaded midgrade <sup>10, 6</sup> .....		-4.3		0.36	S-Feb.2016	-12.5
Gasoline, unleaded premium <sup>6</sup> .....		-2.6		0.31	S-Feb.2016	-11.1
Other motor fuels <sup>5</sup> .....	0.048	-0.4	0.000	0.12	S-Feb.2016	-7.5
Energy services <sup>11</sup> .....	3.683	1.0	0.037	0.28	L-May 2014	1.4
Electricity <sup>11</sup> .....	2.941	0.5	0.014	0.35	L-Jan.2015	0.5
Utility (piped) gas service <sup>11</sup> .....	0.742	3.1	0.023	0.28	L-Mar.2014	7.1
All items less food and energy.....	78.975	0.1	0.070	0.04	S-Mar.2016	0.1
Commodities less food and energy commodities.....	19.386	-0.1	-0.028	0.09	L-Apr.2016	-0.1
Household furnishings and supplies <sup>12</sup> .....	3.224	0.0	0.001	0.16	L-Dec.2015	0.1
Window and floor coverings and other linens <sup>4, 5</sup> .....	0.258	1.4	0.004	0.56	L-Jan.2014	1.5
Floor coverings <sup>4, 5</sup> .....	0.059	-0.4	0.000	0.41	S-May 2016	-0.5
Window coverings <sup>4, 5</sup> .....	0.053	0.1	0.000	0.50	L-May 2016	0.8
Other linens <sup>4, 5</sup> .....	0.146	2.7	0.004	0.83	L-Apr.2003	5.4
Furniture and bedding <sup>4</sup> .....	0.765	-0.5	-0.004	0.31	L-May 2016	-0.5
Bedroom furniture <sup>4</sup> .....	0.271	-0.8	-0.002	0.47	S-Feb.2016	-1.2
Living room, kitchen, and dining room furniture <sup>4, 5</sup> .....	0.361	-0.3	-0.001	0.50	L-Apr.2016	0.3
Other furniture <sup>5</sup> .....	0.127	0.1	0.000	0.61	L-Dec.2015	0.3
Infants' furniture <sup>4, 8, 6</sup> .....						
Appliances <sup>5</sup> .....	0.187	-0.3	-0.001	0.46	S-Apr.2016	-0.3
Major appliances <sup>5</sup> .....	0.058	-1.8	-0.001	0.67	S-Feb.2016	-2.1
Laundry equipment <sup>6</sup> .....		-2.1		0.95	S-Jul.2015	-2.5
Other appliances <sup>4, 5</sup> .....	0.126	0.0	0.000	0.66	S-Apr.2016	-0.3
Other household equipment and furnishings <sup>5</sup> .....	0.468	-1.1	-0.005	0.51	S-Nov.2015	-1.4
Clocks, lamps, and decorator items <sup>4</sup> .....	0.243	-0.3	-0.001	0.88	L-Apr.2016	0.9

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
Indoor plants and flowers <sup>13</sup> .....	0.102	-3.6	-0.004	0.50	S-Jul.1999	-4.1
Dishes and flatware <sup>4, 5</sup> .....	0.052	0.5	0.000	1.23	L-May 2016	1.1
Nonelectric cookware and tableware <sup>5</sup> .....	0.071	-0.6	0.000	0.42	S-May 2016	-1.3
Tools, hardware, outdoor equipment and supplies <sup>5</sup> ....	0.679	0.2	0.002	0.25	S-May 2016	-0.3
Tools, hardware and supplies <sup>4, 5</sup> .....	0.181	-0.3	-0.001	0.39	S-Apr.2016	-0.8
Outdoor equipment and supplies <sup>5</sup> .....	0.338	0.4	0.001	0.32	—	—
Housekeeping supplies <sup>4</sup> .....	0.867	-0.3	-0.002	0.26	S-Apr.2016	-0.5
Household cleaning products <sup>5</sup> .....	0.344	0.3	0.001	0.45	S-Apr.2016	-0.4
Household paper products <sup>4, 5</sup> .....	0.233	0.0	0.000	0.43	L-Mar.2016	0.2
Miscellaneous household products <sup>4, 5</sup> .....	0.290	-0.9	-0.003	0.41	S-Dec.2010	-1.0
Apparel.....	3.109	0.0	0.001	0.41	L-May 2016	0.8
Men's and boys' apparel.....	0.786	0.9	0.007	0.74	L-May 2016	1.2
Men's apparel.....	0.629	0.6	0.004	0.80	L-May 2016	1.7
Men's suits, sport coats, and outerwear.....	0.100	0.9	0.001	2.00	L-May 2016	2.9
Men's furnishings.....	0.205	-2.1	-0.004	0.89	S-Apr.2016	-3.3
Men's shirts and sweaters <sup>5</sup> .....	0.172	1.5	0.003	1.56	L-Feb.2016	4.0
Men's pants and shorts.....	0.145	1.3	0.002	1.57	L-May 2016	1.3
Boys' apparel.....	0.157	1.1	0.002	1.48	L-Apr.2016	2.5
Women's and girls' apparel.....	1.271	-0.6	-0.007	0.73	S-Apr.2016	-0.8
Women's apparel.....	1.068	0.4	0.004	0.78	S-May 2016	0.4
Women's outerwear.....	0.068	0.7	0.001	2.43	S-Apr.2016	-0.3
Women's dresses.....	0.151	-0.8	-0.001	2.38	S-Mar.2016	-1.2
Women's suits and separates <sup>5</sup> .....	0.489	0.8	0.004	0.97	S-May 2016	-0.1
Women's underwear, nightwear, sportswear and accessories <sup>5</sup> .....	0.351	0.6	0.002	0.92	L-May 2016	0.8
Girls' apparel.....	0.202	-5.5	-0.012	1.83	S-Feb.2013	-6.0
Footwear.....	0.682	-0.2	-0.001	0.73	L-Apr.2016	0.2
Men's footwear <sup>4</sup> .....	0.211	0.0	0.000	1.07	L-Apr.2016	0.6
Boys' and girls' footwear.....	0.168	1.3	0.002	1.10	L-Apr.2016	1.3
Women's footwear.....	0.303	0.4	0.001	1.17	L-Apr.2016	0.4
Infants' and toddlers' apparel.....	0.145	2.7	0.004	0.98	L-Feb.2016	2.8
Jewelry and watches <sup>9</sup> .....	0.226	-0.7	-0.002	0.78	L-May 2016	4.1
Watches <sup>4, 9</sup> .....	0.082	1.9	0.002	0.87	L-May 2016	3.3
Jewelry <sup>9</sup> .....	0.144	-1.8	-0.003	0.96	L-May 2016	4.2
Transportation commodities less motor fuel <sup>12</sup> .....	6.283	-0.2	-0.015	0.09	L-Mar.2016	-0.1
New vehicles.....	3.683	0.2	0.009	0.14	L-Feb.2016	0.2
New cars and trucks <sup>5, 6</sup> .....		0.2		0.12	L-Feb.2016	0.2
New cars <sup>6</sup> .....		0.1		0.14	L-Feb.2016	0.2
New trucks <sup>14, 6</sup> .....		0.2		0.13	L-Jan.2016	0.3
Used cars and trucks.....	2.117	-1.0	-0.021	0.01	L-Apr.2016	-0.3
Motor vehicle parts and equipment <sup>4</sup> .....	0.388	-0.6	-0.002	0.21	S-May 2016	-0.6
Tires <sup>4</sup> .....	0.232	-0.8	-0.002	0.29	S-May 2016	-0.8
Vehicle accessories other than tires <sup>4, 5</sup> .....	0.156	-0.4	-0.001	0.27	S-May 2016	-0.4
Vehicle parts and equipment other than tires <sup>4, 6</sup> .....		0.2		0.24	S-May 2016	-0.1
Motor oil, coolant, and fluids <sup>4, 6</sup> .....		-1.5		0.52	S-Oct.2015	-2.4
Medical care commodities.....	1.828	0.4	0.008	0.21	S-May 2016	-0.2
Medicinal drugs <sup>4, 12</sup> .....	1.768	0.6	0.010	0.22	S-May 2016	-0.4
Prescription drugs.....	1.407	0.9	0.013	0.24	S-May 2016	-0.4
Nonprescription drugs <sup>4, 12</sup> .....	0.361	-0.5	-0.002	0.47	S-Dec.2015	-0.6
Medical equipment and supplies <sup>4, 12</sup> .....	0.060	0.3	0.000	0.39	—	—
Recreation commodities <sup>12</sup> .....	1.830	-0.4	-0.008	0.17	L-May 2016	-0.3
Video and audio products <sup>12</sup> .....	0.234	-1.2	-0.003	0.35	L-May 2016	-1.2

See footnotes at end of table.



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

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
Televisions.....	0.117	-2.0	-0.002	0.60	L-May 2016	-1.9
Other video equipment <sup>5</sup> .....	0.026	1.2	0.000	0.78	L-Mar.2016	2.0
Audio equipment.....	0.061	-0.7	0.000	0.55	S-May 2016	-0.9
Audio discs, tapes and other media <sup>4, 5</sup> .....	0.023	-1.5	0.000	0.62	L-May 2016	0.3
Pets and pet products <sup>4</sup> .....	0.588	-0.4	-0.002	0.30	S-Nov.2015	-0.8
Pet food <sup>4, 5, 6</sup> .....		-0.5		0.33	S-Jul.2015	-2.0
Purchase of pets, pet supplies, accessories <sup>4, 5, 6</sup> .....		-0.2		0.43	L-May 2016	0.3
Sporting goods <sup>4</sup> .....	0.436	0.2	0.001	0.31	L-Apr.2016	1.6
Sports vehicles including bicycles <sup>4</sup> .....	0.228	0.2	0.000	0.43	L-Apr.2016	2.3
Sports equipment.....	0.199	0.4	0.001	0.44	L-Mar.2016	0.4
Photographic equipment and supplies.....	0.037	2.6	0.001	0.96	L-Feb.2013	2.6
Film and photographic supplies <sup>4, 5, 6</sup> .....		0.4		0.64	L-May 2016	0.7
Photographic equipment <sup>5, 6</sup> .....		3.1		1.06	L-EVER	—
Recreational reading materials <sup>4</sup> .....	0.149	-0.6	-0.001	0.48	S-Apr.2016	-0.6
Newspapers and magazines <sup>4, 5</sup> .....	0.087	-0.3	0.000	0.68	L-May 2016	1.2
Recreational books <sup>4, 5</sup> .....	0.062	-1.0	-0.001	0.59	S-Mar.2016	-4.9
Other recreational goods <sup>5</sup> .....	0.386	-1.0	-0.004	0.48	L-May 2016	-0.6
Toys.....	0.314	-1.5	-0.005	0.59	S-Feb.2016	-1.8
Toys, games, hobbies and playground equipment <sup>1, 6</sup> .....		-0.9		0.68	L-Apr.2016	-0.2
Sewing machines, fabric and supplies <sup>4, 5</sup> .....	0.024	1.7	0.000	1.32	L-Oct.2015	2.3
Music instruments and accessories <sup>4, 5</sup> .....	0.033	0.9	0.000	0.42	L-Jan.2016	1.3
Education and communication commodities <sup>12</sup> .....	0.625	-0.3	-0.002	0.30	S-May 2016	-0.8
Educational books and supplies.....	0.160	0.4	0.001	0.45	S-May 2016	0.1
College textbooks <sup>4, 15, 6</sup> .....		0.4		0.41	S-May 2016	-0.1
Information technology commodities <sup>12</sup> .....	0.465	-0.5	-0.002	0.40	L-Apr.2016	0.5
Personal computers and peripheral equipment <sup>7</sup> .....	0.281	-0.4	-0.001	0.49	L-Mar.2016	-0.1
Computer software and accessories <sup>4, 5</sup> .....	0.089	0.5	0.000	0.82	L-Apr.2016	1.7
Telephone hardware, calculators, and other consumer information items <sup>4, 5</sup> .....	0.094	-1.7	-0.002	0.84	L-May 2016	0.1
Alcoholic beverages.....	0.948	-0.1	-0.001	0.16	S-May 2016	-0.1
Alcoholic beverages at home.....	0.584	-0.2	-0.001	0.23	S-May 2016	-0.2
Beer, ale, and other malt beverages at home.....	0.267	-0.1	0.000	0.28	S-Feb.2016	-0.4
Distilled spirits at home.....	0.073	0.2	0.000	0.39	L-Apr.2016	0.2
Whiskey at home <sup>4, 6</sup> .....		0.6		0.40	S-May 2016	-2.7
Distilled spirits, excluding whiskey, at home <sup>6</sup> .....		-0.3		0.55	S-May 2016	-0.5
Wine at home.....	0.244	-0.3	-0.001	0.44	S-May 2016	-0.4
Alcoholic beverages away from home <sup>4</sup> .....	0.364	0.1	0.000	0.18	—	—
Beer, ale, and other malt beverages away from home <sup>4, 5, 6</sup> .....		0.1		0.15	—	—
Wine away from home <sup>4, 5, 6</sup> .....		0.0		0.24	—	—
Distilled spirits away from home <sup>4, 5, 6</sup> .....		-0.1		0.20	S-Dec.2015	-0.2
Other goods <sup>12</sup> .....	1.540	-0.3	-0.005	0.18	S-Nov.2014	-0.4
Tobacco and smoking products.....	0.652	-0.5	-0.003	0.16	S-Jul.2014	-0.8
Cigarettes <sup>5</sup> .....	0.590	-0.6	-0.003	0.17	S-Jul.2014	-0.9
Tobacco products other than cigarettes <sup>4, 5</sup> .....	0.045	0.0	0.000	0.53	S-Apr.2016	-0.2
Personal care products <sup>4</sup> .....	0.701	0.2	0.002	0.31	L-Feb.2016	0.2
Hair, dental, shaving, and miscellaneous personal care products <sup>4, 5</sup> .....	0.373	0.4	0.001	0.46	L-Feb.2016	0.8
Cosmetics, perfume, bath, nail preparations and implements <sup>4</sup> .....	0.322	0.1	0.000	0.40	L-May 2016	0.4
Miscellaneous personal goods <sup>5</sup> .....	0.187	-1.8	-0.003	0.44	S-Oct.2003	-2.4
Stationery, stationery supplies, gift wrap <sup>6</sup> .....		-1.5		0.54	S-Aug.2013	-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, July 2016, 1-month analysis table — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
Infants' equipment <sup>4, 8, 6</sup> .....		0.0		0.51	L-May 2016	0.1
Services less energy services.....	59.589	0.2	0.092	0.04	S-Mar.2016	0.2
Shelter.....	33.183	0.2	0.070	0.06	S-Mar.2016	0.2
Rent of shelter <sup>16</sup> .....	32.840	0.2	0.051	0.06	S-Mar.2016	0.2
Rent of primary residence <sup>11</sup> .....	7.710	0.3	0.021	0.04	S-Apr.2016	0.3
Lodging away from home <sup>5</sup> .....	0.982	-2.4	-0.022	1.89	S-Apr.2008	-2.7
Housing at school, excluding board <sup>11, 16</sup> .....	0.118	0.2	0.000	0.04	S-Apr.2016	0.2
Other lodging away from home including hotels and motels.....	0.864	-2.7	-0.022	2.30	S-Oct.2013	-3.0
Owners' equivalent rent of residences <sup>11, 16</sup> .....	24.148	0.3	0.070	0.03	—	—
Owners' equivalent rent of primary residence <sup>11, 16</sup> .....	23.041	0.3	0.067	0.03	—	—
Tenants' and household insurance <sup>4, 5</sup> .....	0.343	0.1	0.000	0.31	L-May 2016	0.1
Water and sewer and trash collection services <sup>5</sup> .....	1.156	-0.3	-0.003	0.13	S-EVER	—
Water and sewerage maintenance <sup>11</sup> .....	0.874	-0.5	-0.004	0.16	S-Jul.1996	-2.0
Garbage and trash collection <sup>4, 14</sup> .....	0.283	0.2	0.000	0.17	L-Feb.2016	0.2
Household operations <sup>4, 5</sup> .....	0.846	0.3	0.003	0.14	S-May 2016	0.3
Domestic services <sup>4, 5</sup> .....	0.280	0.0	0.000	0.12	—	—
Gardening and lawncare services <sup>4, 5</sup> .....	0.276	0.5	0.001	0.09	L-Apr.2015	1.8
Moving, storage, freight expense <sup>5</sup> .....	0.120	0.7	0.001	0.59	S-Apr.2016	-1.2
Repair of household items <sup>4, 5</sup> .....	0.087	0.1	0.000	0.12	S-Apr.2016	-1.4
Medical care services.....	6.600	0.5	0.036	0.08	L-May 2016	0.5
Professional services.....	3.130	0.5	0.015	0.10	L-May 2016	0.7
Physicians' services <sup>11</sup> .....	1.683	0.7	0.011	0.13	L-May 2016	1.0
Dental services <sup>11</sup> .....	0.813	0.0	0.000	0.11	L-May 2016	0.1
Eyeglasses and eye care <sup>4, 9</sup> .....	0.324	-0.3	-0.001	0.38	L-May 2016	0.4
Services by other medical professionals <sup>11, 9</sup> .....	0.311	1.0	0.003	0.14	L-May 2016	1.1
Hospital and related services.....	2.469	0.4	0.010	0.11	L-May 2016	0.6
Hospital services <sup>11, 17</sup> .....	2.200	0.4	0.009	0.12	L-May 2016	0.7
Inpatient hospital services <sup>11, 17, 6</sup> .....		0.5		0.21	L-May 2016	0.7
Outpatient hospital services <sup>11, 9, 6</sup> .....		0.4		0.20	L-May 2016	0.7
Nursing homes and adult day services <sup>11, 17</sup> .....	0.192	0.2	0.000	0.10	—	—
Care of invalids and elderly at home <sup>4, 8</sup> .....	0.077	0.1	0.000	0.10	S-May 2016	0.0
Health insurance <sup>4, 8</sup> .....	1.001	0.7	0.007	0.08	L-Feb.2016	1.3
Transportation services.....	5.936	-0.2	-0.014	0.14	S-Jul.2014	-0.5
Leased cars and trucks <sup>15</sup> .....	0.554	0.7	0.004	0.31	L-Apr.2016	0.7
Car and truck rental <sup>5</sup> .....	0.111	-2.6	-0.003	1.50	S-Dec.2015	-4.3
Motor vehicle maintenance and repair <sup>4</sup> .....	1.156	0.2	0.002	0.17	L-May 2016	0.2
Motor vehicle body work <sup>4</sup> .....	0.056	0.4	0.000	0.14	L-Mar.2016	0.4
Motor vehicle maintenance and servicing <sup>4</sup> .....	0.669	0.3	0.002	0.20	L-May 2016	0.3
Motor vehicle repair <sup>4, 5</sup> .....	0.389	-0.1	0.000	0.27	S-May 2016	-0.1
Motor vehicle insurance.....	2.400	0.4	0.009	0.23	L-May 2016	0.9
Motor vehicle fees <sup>4, 5</sup> .....	0.525	0.4	0.002	0.11	L-Jan.2016	0.5
State motor vehicle registration and license fees <sup>4, 11, 5</sup> .....	0.280	0.5	0.002	0.08	L-Jul.2015	2.3
Parking and other fees <sup>5</sup> .....	0.234	0.2	0.000	0.18	S-Mar.2016	0.2
Parking fees and tolls <sup>4, 5, 6</sup> .....		0.4		0.24	L-May 2016	0.4
Automobile service clubs <sup>4, 5, 6</sup> .....		0.0		0.17	S-May 2016	0.0
Public transportation.....	1.190	-2.5	-0.028	0.36	S-Jul.2015	-2.6
Airline fare.....	0.729	-4.9	-0.034	0.51	S-Jul.2015	-5.0
Other intercity transportation.....	0.178	-0.1	0.000	0.67	L-May 2016	2.5
Intercity bus fare <sup>4, 7, 6</sup> .....						
Intercity train fare <sup>4, 7, 6</sup> .....		2.8		1.12	L-Dec.2015	3.8

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
Ship fare <sup>4, 5, 6</sup> .....		-0.1		0.79	L-May 2016	3.1
Intracity transportation <sup>4</sup> .....	0.279	0.2	0.001	0.06	L-Apr.2016	0.4
Intracity mass transit <sup>4, 12, 6</sup> .....		0.2		0.08	L-Apr.2016	0.3
Recreation services <sup>12</sup> .....	3.893	0.1	0.002	0.16	S-Nov.2015	0.0
Video and audio services <sup>12</sup> .....	1.638	0.2	0.003	0.13	S-Jan.2016	0.0
Cable and satellite television and radio service <sup>14</sup> .....	1.531	0.3	0.005	0.13	S-May 2016	0.3
Video discs and other media, including rental of video and audio <sup>4, 5</sup> .....	0.108	-1.8	-0.002	0.90	S-Oct.2015	-2.0
Video discs and other media <sup>4, 5, 6</sup> .....		-2.9		1.27	S-Oct.2015	-3.2
Rental of video or audio discs and other media <sup>4, 5, 6</sup> .....		0.0		0.29	S-Apr.2016	-0.3
Pet services including veterinary <sup>5</sup> .....	0.368	0.4	0.001	0.11	L-May 2016	0.5
Pet services <sup>4, 5, 6</sup> .....		0.5		0.12	L-Aug.2015	0.7
Veterinarian services <sup>5, 6</sup> .....		0.2		0.12	L-May 2016	0.5
Photographers and film processing <sup>4, 5</sup> .....	0.049	0.3	0.000	0.39	L-May 2016	0.5
Photographer fees <sup>4, 5, 6</sup> .....		0.0		0.14	—	—
Film processing <sup>4, 5, 6</sup> .....		0.8		0.57	L-May 2016	1.1
Other recreation services <sup>5</sup> .....	1.836	-0.1	-0.002	0.33	S-Nov.2015	-0.3
Club dues and fees for participant sports and group exercises <sup>4, 5</sup> .....	0.645	-0.5	-0.003	0.45	S-Nov.2015	-0.9
Admissions <sup>4</sup> .....	0.646	0.1	0.001	0.55	S-Mar.2016	0.0
Admission to movies, theaters, and concerts <sup>4, 5, 6</sup> .....		-1.0		0.52	S-Feb.2012	-1.0
Admission to sporting events <sup>4, 5, 6</sup> .....		2.4		0.66	S-May 2016	0.5
Fees for lessons or instructions <sup>4, 9</sup> .....	0.220	0.2	0.000	0.18	—	—
Education and communication services <sup>12</sup> .....	6.362	-0.2	-0.010	0.07	S-Oct.2014	-0.3
Tuition, other school fees, and childcare.....	2.984	-0.1	-0.004	0.08	S-Aug.2000	-0.2
College tuition and fees.....	1.771	-0.3	-0.005	0.12	S-Aug.2000	-0.3
Elementary and high school tuition and fees.....	0.307	-0.1	0.000	0.07	S-Sep.2000	-0.3
Child care and nursery school <sup>13</sup> .....	0.735	0.3	0.002	0.11	—	—
Technical and business school tuition and fees <sup>5</sup> .....	0.041	0.2	0.000	0.10	L-Apr.2016	0.2
Postage and delivery services <sup>5</sup> .....	0.136	0.0	0.000	0.02	—	—
Postage <sup>4</sup> .....	0.129	0.0	0.000	0.00	—	—
Delivery services <sup>5</sup> .....	0.007	0.2	0.000	0.18	L-May 2016	1.0
Telephone services <sup>4, 5</sup> .....	2.513	-0.2	-0.006	0.10	S-May 2016	-0.4
Wireless telephone services <sup>4, 5</sup> .....	1.788	-0.3	-0.005	0.12	S-May 2016	-0.6
Land-line telephone services <sup>4, 12</sup> .....	0.725	-0.2	-0.001	0.13	L-May 2016	0.0
Internet services and electronic information providers <sup>5</sup> .....	0.718	-0.1	0.000	0.26	L-May 2016	0.1
Other personal services <sup>4, 12</sup> .....	1.612	0.4	0.007	0.08	—	—
Personal care services <sup>4</sup> .....	0.605	0.0	0.000	0.11	—	—
Haircuts and other personal care services <sup>4, 5</sup> .....	0.605	0.0	0.000	0.11	—	—
Miscellaneous personal services.....	1.007	0.8	0.008	0.10	L-May 2016	0.8
Legal services <sup>4, 9</sup> .....	0.240	1.6	0.004	0.15	L-Oct.2009	1.6
Funeral expenses <sup>4, 9</sup> .....	0.143	0.2	0.000	0.12	—	—
Laundry and dry cleaning services <sup>4, 5</sup> .....	0.265	0.3	0.001	0.11	S-May 2016	0.1
Apparel services other than laundry and dry cleaning <sup>4, 5</sup> .....	0.026	0.2	0.000	0.17	L-May 2016	0.2
Financial services <sup>4, 9</sup> .....	0.234	0.3	0.001	0.28	S-Feb.2016	0.3
Checking account and other bank services <sup>4, 5, 6</sup> .....		0.0		0.02	S-Apr.2016	0.0
Tax return preparation and other accounting fees <sup>4, 5, 6</sup> .....		0.3		0.39	S-May 2016	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, July 2016, 1-month analysis table — Continued**

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	One Month				
		Seasonally adjusted percent change Jun. 2016-Jul. 2016	Seasonally adjusted effect on All Items Jun. 2016-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) seasonally adjusted change since: <sup>3</sup>	
					Date	Percent change
<b>Special aggregate indexes</b>						
All items less food.....	86.271	0.0	-0.040	0.04	S-Feb.2016	-0.2
All items less shelter.....	66.817	-0.2	-0.112	0.04	S-Feb.2016	-0.4
All items less food and shelter.....	53.087	-0.2	-0.110	0.05	S-Feb.2016	-0.5
All items less food, shelter, and energy.....	45.791	0.0	0.000	0.05	S-Mar.2016	0.0
All items less food, shelter, energy, and used cars and trucks.....	43.674	0.0	0.021	0.05	S-Mar.2016	0.0
All items less medical care.....	91.573	-0.1	-0.086	0.04	S-Feb.2016	-0.2
All items less energy.....	92.704	0.1	0.069	0.03	—	—
Commodities.....	36.729	-0.5	-0.176	0.06	S-Feb.2016	-0.9
Commodities less food, energy, and used cars and trucks.....	17.269	0.0	-0.006	0.10	L-May 2016	0.0
Commodities less food.....	22.999	-0.8	-0.175	0.07	S-Feb.2016	-1.5
Commodities less food and beverages.....	22.051	-0.8	-0.174	0.08	S-Feb.2016	-1.6
Services.....	63.271	0.2	0.128	0.05	S-Mar.2016	0.2
Services less rent of shelter <sup>16</sup> .....	30.431	0.3	0.079	0.07	L-Apr.2016	0.3
Services less medical care services.....	56.672	0.2	0.105	0.05	—	—
Durables.....	9.487	-0.2	-0.021	0.08	L-Apr.2016	-0.2
Nondurables.....	27.242	-0.5	-0.133	0.07	S-Feb.2016	-1.2
Nondurables less food.....	13.513	-1.1	-0.145	0.11	S-Feb.2016	-2.5
Nondurables less food and beverages.....	12.564	-1.2	-0.147	0.11	S-Feb.2016	-2.7
Nondurables less food, beverages, and apparel.....	9.455	-1.4	-0.132	0.08	S-Feb.2016	-4.3
Nondurables less food and apparel.....	10.403	-1.3	-0.135	0.07	S-Feb.2016	-3.9
Housing.....	42.269	0.3	0.108	0.06	L-May 2016	0.3
Education and communication <sup>5</sup> .....	6.987	-0.2	-0.012	0.07	S-Oct.2014	-0.3
Education <sup>5</sup> .....	3.144	-0.1	-0.004	0.08	S-Aug.2000	-0.1
Communication <sup>5</sup> .....	3.843	-0.2	-0.009	0.10	—	—
Information and information processing <sup>5</sup> .....	3.707	-0.2	-0.009	0.10	—	—
Information technology, hardware and services <sup>18</sup> .....	1.194	-0.2	-0.003	0.23	L-Mar.2016	-0.1
Recreation <sup>5</sup> .....	5.722	-0.1	-0.006	0.12	S-Nov.2015	-0.2
Video and audio <sup>5</sup> .....	1.872	0.0	0.000	0.14	S-Jan.2016	-0.2
Pets, pet products and services <sup>5</sup> .....	0.956	-0.1	-0.001	0.20	—	—
Photography <sup>5</sup> .....	0.087	1.3	0.001	0.54	L-EVER	—
Food and beverages.....	14.678	0.0	-0.002	0.07	L-Apr.2016	0.2
Domestically produced farm food.....	6.675	-0.3	-0.018	0.13	—	—
Other services.....	11.867	0.0	0.000	0.07	S-Feb.2015	0.0
Apparel less footwear.....	2.428	0.1	0.002	0.48	L-May 2016	1.2
Fuels and utilities.....	5.015	0.7	0.034	0.21	L-May 2014	1.0
Household energy.....	3.858	1.0	0.037	0.27	L-May 2014	1.3
Medical care.....	8.427	0.5	0.044	0.08	L-Feb.2016	0.5
Transportation.....	15.657	-1.1	-0.176	0.06	S-Feb.2016	-2.5
Private transportation.....	14.467	-1.0	-0.148	0.07	S-Feb.2016	-2.7
New and used motor vehicles <sup>5</sup> .....	6.561	-0.2	-0.011	0.10	L-Apr.2016	-0.2
Utilities and public transportation.....	10.073	0.2	0.017	0.13	L-Mar.2016	0.2
Household furnishings and operations.....	4.071	0.1	0.004	0.13	L-Dec.2015	0.2
Other goods and services.....	3.152	0.1	0.002	0.09	S-Apr.2016	0.1
Personal care.....	2.500	0.2	0.005	0.11	L-May 2016	0.4

<sup>1</sup> 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).

<sup>2</sup> 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.

<sup>3</sup> If the current seasonally adjusted 1-month percent change is greater than the previous published 1-month percent change, then this column identifies the closest prior month with a 1-month percent change as (L)arge as or (L)arger than the current 1-month change. If the current 1-month percent change is smaller than the previous published 1-month percent change, the most recent month with a change as (S)mall or (S)maller than the current month change is identified. If the current and previous published 1-month percent changes are equal, a dash will appear. Standard numerical comparisons are used. For example, 0.8% is greater than 0.6%, -0.4% is less than -0.2%, and -0.2% is less than 0.0%. Note that a (L)arger change can be a smaller decline, for example, a -0.2% change is larger than a -0.4% change, but still represents a decline in the price index. Likewise, (S)maller changes can be increases, for example, a 0.6% change is smaller than 0.8%, but still represents an increase in the price index. In this context, a -0.2% change is considered to be smaller than a 0.0% change.

<sup>4</sup> Not seasonally adjusted.

<sup>5</sup> Indexes on a December 1997=100 base.

<sup>6</sup> 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.

<sup>7</sup> Indexes on a December 2007=100 base.

<sup>8</sup> Indexes on a December 2005=100 base.

<sup>9</sup> Indexes on a December 1986=100 base.

<sup>10</sup> Indexes on a December 1993=100 base.

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

<sup>12</sup> Indexes on a December 2009=100 base.

<sup>13</sup> Indexes on a December 1990=100 base.

<sup>14</sup> Indexes on a December 1983=100 base.

<sup>15</sup> Indexes on a December 2001=100 base.

<sup>16</sup> Indexes on a December 1982=100 base.

<sup>17</sup> Indexes on a December 1996=100 base.

<sup>18</sup> 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, July 2016, 12-month analysis table**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015-Jul. 2016	Unadjusted effect on All Items Jul. 2015-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
All items.....	100.000	0.8		0.08	S-Dec.2015	0.7
Food.....	13.729	0.2	0.032	0.13	S-Mar.2010	0.2
Food at home.....	7.978	-1.6	-0.128	0.18	S-Jan.2010	-2.0
Cereals and bakery products.....	1.078	-0.8	-0.009	0.40	S-Aug.2010	-1.0
Cereals and cereal products.....	0.364	-0.8	-0.003	0.67	L-Feb.2016	0.3
Flour and prepared flour mixes.....	0.044	-0.4	0.000	0.84	L-May 2015	-0.4
Breakfast cereal.....	0.186	-0.7	-0.001	1.05	L-Feb.2016	0.8
Rice, pasta, cornmeal.....	0.134	-1.1	-0.001	1.01	L-May 2016	-0.9
Rice <sup>4, 5</sup> .....		-3.3		1.28	S-Sep.2015	-3.7
Bakery products.....	0.714	-0.8	-0.006	0.49	S-Apr.2010	-0.8
Bread <sup>4</sup> .....	0.213	-0.3	-0.001	0.84	L-May 2016	0.2
White bread <sup>5</sup> .....		-0.6		1.17	-	-
Bread other than white <sup>5</sup> .....		0.6		1.26	L-May 2016	0.9
Fresh biscuits, rolls, muffins <sup>4</sup> .....	0.104	-1.1	-0.001	1.13	S-Jun.2014	-1.6
Cakes, cupcakes, and cookies.....	0.172	-0.2	0.000	1.20	S-Sep.2014	-0.3
Cookies <sup>5</sup> .....		-2.1		1.51	S-May 2011	-2.7
Fresh cakes and cupcakes <sup>5</sup> .....		2.5		1.71	L-Apr.2016	3.6
Other bakery products.....	0.225	-1.6	-0.004	1.03	S-Mar.2005	-2.7
Fresh sweetrolls, coffeecakes, doughnuts <sup>5</sup> .....		0.0		1.50	S-May 2016	-0.2
Crackers, bread, and cracker products <sup>5</sup> .....		-1.9		1.50	S-Jul.2013	-3.0
Frozen and refrigerated bakery products, pies, tarts, turnovers <sup>5</sup> .....		-2.1		1.38	S-Mar.2015	-2.5
Meats, poultry, fish, and eggs.....	1.789	-5.6	-0.109	0.38	S-Jan.1977	-6.2
Meats, poultry, and fish.....	1.684	-3.6	-0.066	0.40	S-Mar.2016	-3.8
Meats.....	1.073	-4.7	-0.055	0.51	S-Feb.2016	-4.8
Beef and veal.....	0.486	-7.7	-0.044	0.70	S-Dec.1976	-8.0
Uncooked ground beef.....	0.194	-10.2	-0.023	0.99	L-May 2016	-9.4
Uncooked beef roasts <sup>4</sup> .....	0.067	-6.5	-0.006	1.52	S-Jan.2016	-7.2
Uncooked beef steaks <sup>4</sup> .....	0.177	-6.3	-0.013	1.31	S-Oct.2009	-7.4
Uncooked other beef and veal <sup>4</sup> .....	0.048	-3.5	-0.002	1.35	S-Jan.2016	-4.1
Pork.....	0.334	-1.9	-0.007	0.81	S-May 2016	-2.4
Bacon, breakfast sausage, and related products <sup>4</sup> .....	0.140	1.7	0.002	1.18	S-Mar.2016	-2.0
Bacon and related products <sup>5</sup> .....		5.0		1.27	S-Mar.2016	1.4
Breakfast sausage and related products <sup>4, 5</sup> .....		-2.9		1.72	S-May 2016	-5.0
Ham.....	0.061	-2.9	-0.002	1.93	L-Jun.2015	-1.2
Ham, excluding canned <sup>5</sup> .....		-2.9		1.91	L-Jun.2015	-2.3
Pork chops.....	0.055	-2.1	-0.001	1.66	S-May 2016	-3.0
Other pork including roasts and picnics <sup>4</sup> .....	0.078	-6.4	-0.005	1.74	S-May 2016	-6.5
Other meats.....	0.253	-1.9	-0.005	0.88	S-Apr.2010	-2.1
Frankfurters <sup>5</sup> .....		-5.6		2.45	S-Mar.2010	-5.9
Lunchmeats <sup>4, 5</sup> .....		-0.3		1.08	S-Mar.2013	-1.0
Lamb and organ meats <sup>5</sup> .....		-0.3		2.53	S-Mar.2016	-4.1
Lamb and mutton <sup>4, 5</sup> .....		-2.5		4.22	S-Mar.2016	-5.7
Poultry.....	0.346	-3.2	-0.011	0.83	L-May 2016	-1.6
Chicken <sup>4</sup> .....	0.279	-3.4	-0.010	0.94	L-May 2016	-1.5
Fresh whole chicken <sup>5</sup> .....		-2.1		1.98	L-May 2016	0.9
Fresh and frozen chicken parts <sup>5</sup> .....		-3.8		1.18	S-Apr.2016	-4.9
Other poultry including turkey <sup>4</sup> .....	0.067	-2.2	-0.002	1.61	S-Dec.2002	-2.9
Fish and seafood.....	0.265	0.2	0.000	0.84	L-Apr.2015	1.9
Fresh fish and seafood <sup>4</sup> .....	0.144	4.0	0.006	1.49	L-Dec.2014	5.6
Processed fish and seafood <sup>4</sup> .....	0.121	-3.9	-0.005	0.95	S-EVER	-
Shelf stable fish and seafood <sup>5</sup> .....		-2.3		1.25	S-Jun.2010	-3.0

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015-Jul. 2016	Unadjusted effect on All Items Jul. 2015-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
Frozen fish and seafood <sup>5</sup> .....		-5.8		1.70	S-Apr.2016	-5.9
Eggs.....	0.105	-29.0	-0.043	1.09	S-Apr.1985	-31.9
Dairy and related products.....	0.808	-3.1	-0.026	0.42	S-Dec.2015	-3.9
Milk <sup>4</sup> .....	0.226	-7.0	-0.017	0.64	S-Jan.2016	-7.2
Fresh whole milk <sup>5</sup> .....		-7.0		1.04	S-Jan.2016	-7.7
Fresh milk other than whole <sup>4, 5</sup> .....		-7.2		0.89	S-Dec.2015	-7.2
Cheese and related products.....	0.260	-3.2	-0.009	0.81	S-Dec.2015	-3.7
Ice cream and related products.....	0.115	1.0	0.001	1.18	S-Apr.2016	0.0
Other dairy and related products <sup>4</sup> .....	0.206	-0.6	-0.001	0.81	S-May 2016	-1.0
Fruits and vegetables.....	1.344	1.4	0.018	0.60	L-Apr.2016	2.1
Fresh fruits and vegetables.....	1.044	2.1	0.020	0.73	L-Apr.2016	2.4
Fresh fruits.....	0.562	3.0	0.016	1.01	S-May 2016	2.8
Apples.....	0.092	9.1	0.008	2.01	S-May 2016	9.0
Bananas.....	0.087	-0.4	0.000	0.98	S-May 2016	-1.8
Citrus fruits <sup>4</sup> .....	0.160	3.1	0.005	2.67	S-Feb.2016	1.0
Oranges, including tangerines <sup>5</sup> .....		0.1		2.41	S-May 2016	0.1
Other fresh fruits <sup>4</sup> .....	0.223	2.8	0.004	1.57	L-Apr.2016	3.3
Fresh vegetables.....	0.482	1.0	0.004	0.92	L-Apr.2016	1.4
Potatoes.....	0.081	0.8	0.001	1.93	S-May 2016	0.7
Lettuce.....	0.065	-2.8	-0.002	2.31	S-Mar.2016	-3.9
Tomatoes.....	0.078	-1.5	-0.001	1.99	S-May 2016	-2.3
Other fresh vegetables.....	0.258	2.9	0.006	1.33	L-Mar.2016	3.8
Processed fruits and vegetables <sup>4</sup> .....	0.300	-0.5	-0.002	0.64	S-May 2016	-0.6
Canned fruits and vegetables <sup>4</sup> .....	0.157	-1.3	-0.002	1.05	S-Mar.2015	-1.6
Canned fruits <sup>4, 5</sup> .....		-0.3		1.33	S-Nov.2014	-0.7
Canned vegetables <sup>4, 5</sup> .....		-1.7		1.44	S-Dec.2015	-2.0
Frozen fruits and vegetables <sup>4</sup> .....	0.088	1.2	0.001	1.18	L-Apr.2016	2.9
Frozen vegetables <sup>5</sup> .....		0.6		1.47	L-Apr.2016	3.4
Other processed fruits and vegetables including dried <sup>4</sup> .....	0.055	-1.0	-0.001	1.17	L-Apr.2016	0.0
Dried beans, peas, and lentils <sup>4, 5</sup> .....		-1.6		2.10	L-May 2016	-1.5
Nonalcoholic beverages and beverage materials.....	0.950	-0.5	-0.004	0.45	—	—
Juices and nonalcoholic drinks <sup>4</sup> .....	0.668	0.2	0.001	0.53	L-May 2016	0.5
Carbonated drinks.....	0.269	0.9	0.002	0.84	S-Feb.2016	0.9
Frozen noncarbonated juices and drinks <sup>4</sup> .....	0.011	-1.6	0.000	1.20	S-Jan.2016	-1.6
Nonfrozen noncarbonated juices and drinks <sup>4</sup> .....	0.388	-0.2	-0.001	0.83	L-May 2016	-0.1
Beverage materials including coffee and tea <sup>4</sup> .....	0.283	-2.2	-0.006	0.78	S-Apr.2014	-2.4
Coffee.....	0.179	-4.0	-0.006	1.06	S-Apr.2016	-4.2
Roasted coffee <sup>5</sup> .....		-3.8		1.22	S-May 2014	-4.8
Instant and freeze dried coffee <sup>5</sup> .....		-4.9		1.65	S-Apr.2016	-5.3
Other beverage materials including tea <sup>4</sup> .....	0.104	0.6	0.001	0.88	L-May 2016	2.1
Other food at home.....	2.009	0.1	0.002	0.34	S-Jun.2014	0.1
Sugar and sweets.....	0.291	-0.7	-0.002	0.76	S-Jul.2014	-1.8
Sugar and artificial sweeteners.....	0.050	-2.4	-0.001	1.02	S-Oct.2014	-3.8
Candy and chewing gum <sup>4</sup> .....	0.185	-0.1	0.000	1.19	S-May 2016	-0.3
Other sweets <sup>4</sup> .....	0.055	-0.7	0.000	0.96	L-May 2016	-0.2
Fats and oils.....	0.234	0.4	0.001	0.66	L-Apr.2016	0.7
Butter and margarine <sup>4</sup> .....	0.068	3.5	0.003	1.16	L-Apr.2016	3.6
Butter <sup>5</sup> .....		3.1		1.61	S-Feb.2016	1.6
Margarine <sup>5</sup> .....		3.4		1.36	L-Sep.2012	3.4
Salad dressing <sup>4</sup> .....	0.056	0.8	0.001	1.06	L-Dec.2015	1.6
Other fats and oils including peanut butter <sup>4</sup> .....	0.110	-2.0	-0.002	1.06	L-May 2016	-0.9
Peanut butter <sup>4, 5</sup> .....		-2.9		1.50	L-May 2016	-0.6
Other foods.....	1.484	0.2	0.003	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, July 2016, 12-month analysis table — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015-Jul. 2016	Unadjusted effect on All Items Jul. 2015-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
Soups.....	0.098	0.5	0.000	1.38	S-Aug.2015	-1.4
Frozen and freeze dried prepared foods.....	0.264	-1.4	-0.004	0.91	S-Mar.2014	-1.7
Snacks.....	0.335	0.6	0.002	1.07	S-Feb.2016	-0.3
Spices, seasonings, condiments, sauces.....	0.286	1.3	0.004	0.90	L-Apr.2016	2.6
Salt and other seasonings and spices <sup>4, 5</sup> .....		2.9		1.35	L-May 2016	4.8
Olives, pickles, relishes <sup>4, 5</sup> .....		3.0		2.00	S-May 2016	-0.2
Sauces and gravies <sup>4, 5</sup> .....		-0.5		1.34	L-Apr.2016	0.2
Other condiments <sup>5</sup> .....		3.0		1.74	S-May 2016	0.5
Baby food <sup>4</sup> .....	0.055	2.0	0.001	0.77	L-Dec.2014	2.1
Other miscellaneous foods <sup>4</sup> .....	0.447	0.1	0.000	0.70	S-May 2016	0.1
Prepared salads <sup>6, 5</sup> .....		0.9		1.20	S-Apr.2014	0.9
Food away from home.....	5.752	2.8	0.160	0.17	L-Oct.2015	2.9
Full service meals and snacks <sup>4</sup> .....	2.786	2.3	0.064	0.23	S-Apr.2016	2.3
Limited service meals and snacks <sup>4</sup> .....	2.443	2.9	0.070	0.29	L-Apr.2016	2.9
Food at employee sites and schools <sup>4</sup> .....	0.195	10.8	0.021	0.64	L-EVER	—
Food at elementary and secondary schools <sup>7, 5</sup> .....						
Food from vending machines and mobile vendors <sup>4</sup> .....	0.081	3.4	0.003	1.22	L-Jul.2012	3.4
Other food away from home <sup>4</sup> .....	0.246	1.0	0.003	0.44	L-May 2016	1.8
Energy.....	7.296	-10.9	-0.911	0.17	S-Mar.2016	-12.6
Energy commodities.....	3.613	-19.4	-0.874	0.19	S-Mar.2016	-21.2
Fuel oil and other fuels.....	0.176	-10.3	-0.020	0.81	L-Nov.2014	-6.3
Fuel oil.....	0.094	-17.8	-0.021	0.82	L-Nov.2014	-10.1
Propane, kerosene, and firewood <sup>6</sup> .....	0.082	0.8	0.001	1.48	L-Oct.2014	2.6
Motor fuel.....	3.437	-19.8	-0.854	0.20	S-Mar.2016	-21.1
Gasoline (all types).....	3.389	-19.9	-0.844	0.20	S-Mar.2016	-20.9
Gasoline, unleaded regular <sup>5</sup> .....		-20.6		0.46	S-Mar.2016	-21.8
Gasoline, unleaded midgrade <sup>9, 5</sup> .....		-17.8		0.52	S-Feb.2016	-18.7
Gasoline, unleaded premium <sup>5</sup> .....		-16.6		0.38	S-Mar.2016	-16.7
Other motor fuels <sup>4</sup> .....	0.048	-16.5	-0.010	0.26	L-Dec.2014	-11.9
Energy services <sup>10</sup> .....	3.683	-0.9	-0.037	0.30	L-Feb.2015	0.9
Electricity <sup>10</sup> .....	2.941	-1.0	-0.034	0.38	L-Nov.2015	-0.2
Utility (piped) gas service <sup>10</sup> .....	0.742	-0.4	-0.002	0.49	L-Jan.2015	-0.4
All items less food and energy.....	78.975	2.2	1.714	0.10	S-May 2016	2.2
Commodities less food and energy commodities.....	19.386	-0.6	-0.109	0.24	—	—
Household furnishings and supplies <sup>11</sup> .....	3.224	-1.9	-0.062	0.30	L-Mar.2016	-1.3
Window and floor coverings and other linens <sup>4</sup> .....	0.258	-1.9	-0.005	1.12	L-Mar.2016	-1.7
Floor coverings <sup>4</sup> .....	0.059	0.6	0.000	1.00	S-Feb.2016	0.2
Window coverings <sup>4</sup> .....	0.053	1.3	0.001	1.32	L-Apr.2013	1.7
Other linens <sup>4</sup> .....	0.146	-3.9	-0.006	1.68	L-Apr.2016	-3.8
Furniture and bedding.....	0.765	-3.0	-0.024	0.70	L-May 2016	-2.5
Bedroom furniture.....	0.271	-0.9	-0.003	1.13	L-Mar.2016	0.6
Living room, kitchen, and dining room furniture <sup>4</sup> .....	0.361	-3.1	-0.011	1.16	S-Oct.2014	-3.7
Other furniture <sup>4</sup> .....	0.127	-7.0	-0.010	1.75	—	—
Infants' furniture <sup>7, 5</sup> .....						
Appliances <sup>4</sup> .....	0.187	-2.7	-0.007	0.92	L-Jun.2015	-2.6
Major appliances <sup>4</sup> .....	0.058	-5.3	-0.005	1.24	S-Feb.2016	-5.7
Laundry equipment <sup>5</sup> .....		-5.6		1.34	L-Apr.2016	-5.4
Other appliances <sup>4</sup> .....	0.126	-1.9	-0.002	1.22	—	—
Other household equipment and furnishings <sup>4</sup> .....	0.468	-3.8	-0.018	0.97	S-Dec.2014	-3.9
Clocks, lamps, and decorator items.....	0.243	-5.0	-0.013	1.78	S-Nov.2015	-6.1
Indoor plants and flowers <sup>12</sup> .....	0.102	-2.7	-0.003	1.42	S-Dec.2009	-2.9
Dishes and flatware <sup>4</sup> .....	0.052	-2.2	-0.001	2.60	L-Mar.2016	-0.9
Nonelectric cookware and tableware <sup>4</sup> .....	0.071	-2.5	-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, July 2016, 12-month analysis table — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015-Jul. 2016	Unadjusted effect on All Items Jul. 2015-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
Tools, hardware, outdoor equipment and supplies <sup>4</sup> . . .	0.679	-0.8	-0.005	0.69	L-Mar.2016	-0.7
Tools, hardware and supplies <sup>4</sup> . . . . .	0.181	-1.3	-0.002	1.14	L-Oct.2015	-1.1
Outdoor equipment and supplies <sup>4</sup> . . . . .	0.338	-0.5	-0.002	0.82	L-Mar.2016	-0.2
Housekeeping supplies . . . . .	0.867	-0.3	-0.003	0.45	S-May 2016	-0.6
Household cleaning products <sup>4</sup> . . . . .	0.344	0.8	0.003	0.73	—	—
Household paper products <sup>4</sup> . . . . .	0.233	-0.4	-0.001	0.95	S-May 2016	-0.4
Miscellaneous household products <sup>4</sup> . . . . .	0.290	-1.6	-0.004	0.87	S-Oct.2015	-1.6
Apparel . . . . .	3.109	0.3	0.011	1.10	S-Apr.2016	-0.6
Men's and boys' apparel . . . . .	0.786	0.7	0.006	1.58	L-Jan.2016	0.7
Men's apparel . . . . .	0.629	0.1	0.000	1.68	L-Jan.2016	0.5
Men's suits, sport coats, and outerwear . . . . .	0.100	-2.0	-0.003	4.45	S-Mar.2016	-7.6
Men's furnishings . . . . .	0.205	0.5	0.001	1.95	S-May 2016	0.0
Men's shirts and sweaters <sup>4</sup> . . . . .	0.172	4.6	0.009	3.27	L-Aug.2012	6.4
Men's pants and shorts . . . . .	0.145	-3.5	-0.006	2.93	L-Feb.2016	2.4
Boys' apparel . . . . .	0.157	3.1	0.006	3.15	L-Nov.2015	3.6
Women's and girls' apparel . . . . .	1.271	0.5	0.008	2.28	S-May 2016	0.3
Women's apparel . . . . .	1.068	1.6	0.017	2.36	S-May 2016	0.4
Women's outerwear . . . . .	0.068	5.5	0.008	6.49	S-Apr.2016	3.4
Women's dresses . . . . .	0.151	-1.5	-0.002	11.82	S-Apr.2016	-2.2
Women's suits and separates <sup>4</sup> . . . . .	0.489	0.9	0.004	2.53	L-Jun.2014	1.5
Women's underwear, nightwear, sportswear and accessories <sup>4</sup> . . . . .	0.351	2.1	0.007	2.23	L-Oct.2014	2.5
Girls' apparel . . . . .	0.202	-4.7	-0.009	5.34	S-Nov.2015	-5.8
Footwear . . . . .	0.682	-1.2	-0.009	1.58	S-Jun.2014	-1.2
Men's footwear . . . . .	0.211	-1.1	-0.002	2.42	S-Dec.2015	-1.4
Boys' and girls' footwear . . . . .	0.168	0.3	0.000	2.48	L-Apr.2016	1.2
Women's footwear . . . . .	0.303	-2.2	-0.007	2.86	S-Jul.2014	-3.4
Infants' and toddlers' apparel . . . . .	0.145	-3.2	-0.005	2.06	L-May 2016	-2.1
Jewelry and watches <sup>8</sup> . . . . .	0.226	4.9	0.011	1.91	S-Apr.2016	4.4
Watches <sup>8</sup> . . . . .	0.082	7.8	0.007	2.38	L-Feb.2016	8.5
Jewelry <sup>8</sup> . . . . .	0.144	4.0	0.004	2.38	S-Mar.2016	3.2
Transportation commodities less motor fuel <sup>11</sup> . . . . .	6.283	-1.1	-0.055	0.23	S-EVER	—
New vehicles . . . . .	3.683	0.0	0.000	0.34	L-Apr.2016	0.0
New cars and trucks <sup>4, 5</sup> . . . . .		-0.1		0.32	L-Apr.2016	0.0
New cars <sup>5</sup> . . . . .		-0.8		0.35	L-May 2016	-0.8
New trucks <sup>13, 5</sup> . . . . .		0.5		0.35	L-Apr.2016	0.6
Used cars and trucks . . . . .	2.117	-3.7	-0.052	0.12	S-Jan.2015	-4.0
Motor vehicle parts and equipment . . . . .	0.388	-0.6	-0.002	0.42	S-May 2016	-0.6
Tires . . . . .	0.232	-1.4	-0.003	0.58	S-Aug.2015	-1.4
Vehicle accessories other than tires <sup>4</sup> . . . . .	0.156	0.6	0.001	0.51	S-May 2016	0.0
Vehicle parts and equipment other than tires <sup>5</sup> . . . . .		1.0		0.66	L-Jan.2016	1.1
Motor oil, coolant, and fluids <sup>5</sup> . . . . .		-2.5		0.81	S-Apr.1992	-2.9
Medical care commodities . . . . .	1.828	3.6	0.065	0.64	L-May 2015	3.9
Medicinal drugs <sup>11</sup> . . . . .	1.768	3.8	0.065	0.66	L-May 2015	4.1
Prescription drugs . . . . .	1.407	5.2	0.071	0.82	L-May 2015	5.3
Nonprescription drugs <sup>11</sup> . . . . .	0.361	-1.6	-0.006	0.81	S-Mar.2016	-1.6
Medical equipment and supplies <sup>11</sup> . . . . .	0.060	0.1	0.000	1.18	L-Dec.2014	0.9
Recreation commodities <sup>11</sup> . . . . .	1.830	-3.5	-0.068	0.45	S-EVER	—
Video and audio products <sup>11</sup> . . . . .	0.234	-11.6	-0.031	0.71	S-EVER	—
Televisions . . . . .	0.117	-20.1	-0.027	1.27	S-Sep.2010	-21.8
Other video equipment <sup>4</sup> . . . . .	0.026	-2.2	-0.001	2.04	L-May 2016	-2.1
Audio equipment . . . . .	0.061	-3.9	-0.002	1.54	S-May 2016	-4.2
Audio discs, tapes and other media <sup>4</sup> . . . . .	0.023	-3.9	-0.001	1.31	S-Jun.2015	-3.9
Pets and pet products . . . . .	0.588	0.3	0.002	0.75	L-Apr.2016	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, July 2016, 12-month analysis table — Continued**

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015- Jul. 2016	Unadjusted effect on All Items Jul. 2015- Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
Pet food <sup>4, 5</sup> .....		1.2		0.73	L-Nov.2013	1.2
Purchase of pets, pet supplies, accessories <sup>4, 5</sup> .....		-0.5		1.57	L-May 2016	0.2
Sporting goods.....	0.436	-1.7	-0.007	0.98	S-Feb.2016	-1.8
Sports vehicles including bicycles.....	0.228	-2.9	-0.005	1.25	S-Oct.2003	-3.6
Sports equipment.....	0.199	-0.8	-0.002	1.25	S-Feb.2016	-1.3
Photographic equipment and supplies.....	0.037	-2.0	-0.002	2.13	L-Nov.2014	-0.8
Film and photographic supplies <sup>4, 5</sup> .....		0.5		3.72	L-Jun.2015	2.7
Photographic equipment <sup>4, 5</sup> .....		-2.7		2.32	L-Feb.2012	-2.6
Recreational reading materials.....	0.149	-1.6	-0.002	1.23	S-EVER	-
Newspapers and magazines <sup>4</sup> .....	0.087	0.2	0.000	1.55	S-Jul.2011	0.1
Recreational books <sup>4</sup> .....	0.062	-4.2	-0.002	1.76	S-Feb.2012	-4.2
Other recreational goods <sup>4</sup> .....	0.386	-7.4	-0.029	1.31	S-Apr.2003	-7.8
Toys.....	0.314	-9.2	-0.027	1.52	S-Apr.2003	-9.8
Toys, games, hobbies and playground equipment <sup>4, 5</sup> .....		-7.5		1.31	L-May 2016	-6.9
Sewing machines, fabric and supplies <sup>4</sup> .....	0.024	-4.8	-0.001	3.78	L-May 2016	-1.3
Music instruments and accessories <sup>4</sup> .....	0.033	1.3	0.000	1.24	S-Dec.2015	-0.9
Education and communication commodities <sup>11</sup> .....	0.625	-3.9	-0.025	0.87	S-May 2016	-4.5
Educational books and supplies.....	0.160	5.7	0.010	1.22	S-May 2016	3.7
College textbooks <sup>14, 5</sup> .....		6.6		1.32	S-May 2016	4.5
Information technology commodities <sup>11</sup> .....	0.465	-7.8	-0.035	1.09	S-May 2016	-8.2
Personal computers and peripheral equipment <sup>6</sup> .....	0.281	-7.7	-0.022	1.27	S-May 2016	-7.8
Computer software and accessories <sup>4</sup> .....	0.089	-5.3	-0.005	1.91	L-Apr.2016	-2.9
Telephone hardware, calculators, and other consumer information items <sup>4</sup> .....	0.094	-11.3	-0.008	3.25	S-Mar.2016	-14.3
Alcoholic beverages.....	0.948	1.2	0.012	0.31	S-May 2016	1.1
Alcoholic beverages at home.....	0.584	0.9	0.005	0.46	S-May 2016	0.8
Beer, ale, and other malt beverages at home.....	0.267	1.8	0.005	0.51	S-Feb.2016	1.7
Distilled spirits at home.....	0.073	0.5	0.000	0.63	-	-
Whiskey at home <sup>5</sup> .....		0.4		1.12	L-Apr.2016	0.6
Distilled spirits, excluding whiskey, at home <sup>5</sup> .....		0.3		1.00	L-Apr.2016	0.7
Wine at home.....	0.244	0.0	0.000	0.86	S-May 2016	-0.3
Alcoholic beverages away from home.....	0.364	1.8	0.007	0.42	-	-
Beer, ale, and other malt beverages away from home <sup>4, 5</sup> .....		1.9		0.55	-	-
Wine away from home <sup>4, 5</sup> .....		0.9		0.80	S-May 2016	0.9
Distilled spirits away from home <sup>4, 5</sup> .....		2.9		0.61	-	-
Other goods <sup>11</sup> .....	1.540	0.8	0.013	0.40	S-Jan.2016	0.7
Tobacco and smoking products.....	0.652	2.9	0.019	0.44	S-Jun.2015	2.5
Cigarettes <sup>4</sup> .....	0.590	2.9	0.018	0.46	S-Jun.2015	2.5
Tobacco products other than cigarettes <sup>4</sup> .....	0.045	2.8	0.001	1.26	S-Apr.2016	2.5
Personal care products.....	0.701	0.3	0.002	0.79	L-Mar.2015	0.5
Hair, dental, shaving, and miscellaneous personal care products <sup>4</sup> .....	0.373	-0.4	-0.001	1.10	L-Apr.2016	-0.4
Cosmetics, perfume, bath, nail preparations and implements.....	0.322	1.0	0.003	1.18	L-May 2016	1.2
Miscellaneous personal goods <sup>4</sup> .....	0.187	-4.4	-0.008	1.06	S-Jan.2016	-4.5
Stationery, stationery supplies, gift wrap <sup>5</sup> .....		-1.4		1.13	S-Feb.2016	-1.6
Infants' equipment <sup>7, 5</sup> .....		-3.9		1.47	L-Feb.2016	-3.4
Services less energy services.....	59.589	3.1	1.823	0.11	S-Apr.2016	3.0
Shelter.....	33.183	3.3	1.077	0.16	S-Apr.2016	3.2
Rent of shelter <sup>15</sup> .....	32.840	3.3	1.073	0.16	S-Apr.2016	3.2
Rent of primary residence <sup>10</sup> .....	7.710	3.8	0.277	0.17	-	-
Lodging away from home <sup>4</sup> .....	0.982	1.6	0.014	2.00	S-Apr.2016	1.3

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015-Jul. 2016	Unadjusted effect on All Items Jul. 2015-Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
Housing at school, excluding board <sup>10, 15</sup> .....	0.118	2.8	0.004	0.26	S-Feb.2016	2.8
Other lodging away from home including hotels and motels.....	0.864	0.0	0.010	2.41	S-Apr.2016	0.0
Owners' equivalent rent of residences <sup>10, 15</sup> .....	24.148	3.3	0.782	0.16	L-May 2016	3.3
Owners' equivalent rent of primary residence <sup>10, 15</sup> .....	23.041	3.3	0.742	0.16	L-May 2016	3.3
Tenants' and household insurance <sup>4</sup> .....	0.343	1.0	0.004	0.95	S-May 2016	0.9
Water and sewer and trash collection services <sup>4</sup> .....	1.156	3.5	0.041	0.47	S-Jul.2014	3.5
Water and sewerage maintenance <sup>10</sup> .....	0.874	4.1	0.036	0.55	S-Feb.2016	4.1
Garbage and trash collection <sup>13</sup> .....	0.283	1.7	0.005	0.61	L-Apr.2016	1.8
Household operations <sup>4</sup> .....	0.846	2.9	0.025	0.38	L-Mar.2016	3.4
Domestic services <sup>4</sup> .....	0.280	1.0	0.003	0.42	S-Apr.2016	0.9
Gardening and lawncare services <sup>4</sup> .....	0.276	1.3	0.004	0.58	L-Mar.2016	2.1
Moving, storage, freight expense <sup>4</sup> .....	0.120	12.3	0.014	1.30	L-Mar.2016	12.4
Repair of household items <sup>4</sup> .....	0.087	2.5	0.002	0.70	L-May 2016	3.1
Medical care services.....	6.600	4.1	0.258	0.24	L-Sep.2012	4.4
Professional services.....	3.130	2.9	0.088	0.30	L-Sep.2010	2.9
Physicians' services <sup>10</sup> .....	1.683	3.4	0.056	0.46	L-Dec.2010	3.4
Dental services <sup>10</sup> .....	0.813	2.5	0.020	0.54	S-Oct.2015	2.5
Eyeglasses and eye care <sup>8</sup> .....	0.324	1.9	0.006	0.74	L-May 2016	2.3
Services by other medical professionals <sup>10, 8</sup> .....	0.311	1.8	0.006	0.56	L-Dec.2014	2.0
Hospital and related services.....	2.469	4.4	0.102	0.41	L-Feb.2016	4.9
Hospital services <sup>10, 16</sup> .....	2.200	4.6	0.093	0.46	L-Feb.2016	5.1
Inpatient hospital services <sup>10, 16, 5</sup> .....		5.3		0.91	L-Mar.2016	5.3
Outpatient hospital services <sup>10, 8, 5</sup> .....		2.9		0.63	L-Feb.2016	3.2
Nursing homes and adult day services <sup>10, 16</sup> .....	0.192	3.6	0.007	0.44	L-May 2016	3.7
Care of invalids and elderly at home <sup>7</sup> .....	0.077	2.3	0.002	0.74	—	—
Health insurance <sup>7</sup> .....	1.001	7.8	0.068	0.25	L-Jan.2013	8.6
Transportation services.....	5.936	3.0	0.171	0.31	—	—
Leased cars and trucks <sup>14</sup> .....	0.554	2.6	0.010	1.26	L-Sep.2009	4.9
Car and truck rental <sup>4</sup> .....	0.111	3.9	0.011	2.42	S-Apr.2016	1.9
Motor vehicle maintenance and repair.....	1.156	1.8	0.021	0.33	L-Apr.2016	1.8
Motor vehicle body work.....	0.056	2.5	0.001	0.68	L-Aug.2014	2.7
Motor vehicle maintenance and servicing.....	0.669	1.7	0.010	0.44	L-Jun.2015	1.8
Motor vehicle repair <sup>4</sup> .....	0.389	1.9	0.009	0.53	S-Feb.2016	1.6
Motor vehicle insurance.....	2.400	6.3	0.145	0.59	S-Apr.2016	6.0
Motor vehicle fees <sup>4</sup> .....	0.525	1.7	0.009	0.45	S-Jun.2015	0.5
State motor vehicle registration and license fees <sup>10, 4</sup> .....	0.280	1.0	0.003	0.66	S-Jun.2015	-0.7
Parking and other fees <sup>4</sup> .....	0.234	2.5	0.006	0.47	L-Sep.2015	2.8
Parking fees and tolls <sup>4, 5</sup> .....		3.0		0.63	—	—
Automobile service clubs <sup>4, 5</sup> .....		0.6		0.75	L-Dec.2015	0.6
Public transportation.....	1.190	-2.2	-0.024	0.75	L-May 2016	-1.0
Airline fare.....	0.729	-4.6	-0.033	0.98	L-May 2016	-3.1
Other intercity transportation.....	0.178	2.9	0.005	1.86	S-Dec.2015	2.2
Intercity bus fare <sup>6, 5</sup> .....						
Intercity train fare <sup>6, 5</sup> .....		-1.6		1.59	L-May 2016	1.9
Ship fare <sup>4, 5</sup> .....		8.7		2.34	S-Mar.2016	7.2
Intracity transportation.....	0.279	1.7	0.005	0.22	L-May 2016	1.7
Intracity mass transit <sup>11, 5</sup> .....		1.7		0.59	L-May 2016	1.8
Recreation services <sup>11</sup> .....	3.893	3.1	0.118	0.52	S-May 2016	3.1
Video and audio services <sup>11</sup> .....	1.638	4.3	0.068	0.39	—	—
Cable and satellite television and radio service <sup>13</sup> .....	1.531	4.4	0.066	0.40	L-Sep.2012	4.9

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015- Jul. 2016	Unadjusted effect on All Items Jul. 2015- Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
Video discs and other media, including rental of video and audio <sup>4</sup> .....	0.108	3.1	0.003	1.79	S-May 2016	2.3
Video discs and other media <sup>4, 5</sup> .....		1.2		2.46	S-May 2016	0.3
Rental of video or audio discs and other media <sup>4, 5</sup> .....		3.0		0.99	S-May 2016	1.4
Pet services including veterinary <sup>4</sup> .....	0.368	3.6	0.014	0.44	L-May 2016	3.8
Pet services <sup>4, 5</sup> .....		2.2		1.08	L-May 2016	2.3
Veterinarian services <sup>4, 5</sup> .....		3.7		0.58	S-Jun.2015	3.7
Photographers and film processing <sup>4</sup> .....	0.049	2.6	0.002	1.18	S-Apr.2016	1.9
Photographer fees <sup>4, 5</sup> .....		2.4		0.77	S-May 2016	1.7
Film processing <sup>4, 5</sup> .....		2.2		1.23	S-Apr.2016	1.7
Other recreation services <sup>4</sup> .....	1.836	1.9	0.034	1.03	S-Apr.2015	1.7
Club dues and fees for participant sports and group exercises <sup>4</sup> .....	0.645	-0.3	-0.001	1.34	S-Jan.2016	-0.7
Admissions.....	0.646	4.0	0.025	1.31	L-Jan.2016	5.1
Admission to movies, theaters, and concerts <sup>4, 5</sup> .....		3.4		0.98	S-Feb.2016	2.7
Admission to sporting events <sup>4, 5</sup> .....		5.8		1.47	L-Feb.2016	6.0
Fees for lessons or instructions <sup>8</sup> .....	0.220	1.9	0.004	0.60	L-May 2016	2.0
Education and communication services <sup>11</sup> .....	6.362	1.3	0.085	0.19	S-Sep.2015	0.8
Tuition, other school fees, and childcare.....	2.984	2.7	0.082	0.31	S-EVER	—
College tuition and fees.....	1.771	2.7	0.049	0.45	S-EVER	—
Elementary and high school tuition and fees.....	0.307	3.2	0.011	0.42	S-Sep.1983	1.2
Child care and nursery school <sup>12</sup> .....	0.735	2.4	0.018	0.52	—	—
Technical and business school tuition and fees <sup>4</sup> .....	0.041	1.6	0.001	0.48	—	—
Postage and delivery services <sup>4</sup> .....	0.136	0.2	0.000	0.35	S-Apr.2016	0.2
Postage.....	0.129	0.4	0.001	0.38	—	—
Delivery services <sup>4</sup> .....	0.007	-2.5	0.000	0.53	S-Apr.2016	-2.7
Telephone services <sup>4</sup> .....	2.513	0.2	0.002	0.30	S-Oct.2015	-0.3
Wireless telephone services <sup>4</sup> .....	1.788	0.3	0.000	0.39	S-Feb.2016	-0.3
Land-line telephone services <sup>11</sup> .....	0.725	0.3	0.003	0.42	S-EVER	—
Internet services and electronic information providers <sup>4</sup> .....	0.718	0.0	0.000	0.75	L-Apr.2015	1.1
Other personal services <sup>11</sup> .....	1.612	3.0	0.049	0.29	L-May 2016	3.1
Personal care services.....	0.605	1.6	0.010	0.43	—	—
Haircuts and other personal care services <sup>4</sup> .....	0.605	1.6	0.010	0.43	—	—
Miscellaneous personal services.....	1.007	3.9	0.040	0.40	L-Oct.2008	4.6
Legal services <sup>8</sup> .....	0.240	5.0	0.013	0.66	L-Jun.2007	5.2
Funeral expenses <sup>8</sup> .....	0.143	2.1	0.003	0.63	—	—
Laundry and dry cleaning services <sup>4</sup> .....	0.265	3.3	0.009	0.42	L-Apr.2016	3.5
Apparel services other than laundry and dry cleaning <sup>4</sup> .....	0.026	2.2	0.001	0.68	L-Dec.2015	2.2
Financial services <sup>8</sup> .....	0.234	4.6	0.010	1.01	L-Jun.2015	5.9
Checking account and other bank services <sup>4, 5</sup> .....		3.5		0.60	L-May 2014	4.2
Tax return preparation and other accounting fees <sup>4, 5</sup> .....		5.2		1.40	L-Jul.2015	5.3
<b>Special aggregate indexes</b>						
All items less food.....	86.271	0.9	0.803	0.09	S-Mar.2016	0.9
All items less shelter.....	66.817	-0.4	-0.242	0.10	S-Dec.2015	-0.5
All items less food and shelter.....	53.087	-0.5	-0.273	0.12	S-Mar.2016	-0.6
All items less food, shelter, and energy.....	45.791	1.4	0.637	0.13	—	—
All items less food, shelter, energy, and used cars and trucks.....	43.674	1.6	0.689	0.14	L-Feb.2016	1.7
All items less medical care.....	91.573	0.6	0.512	0.08	S-Mar.2016	0.6

See footnotes at end of table.

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

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2016	Twelve Month				
		Unadjusted percent change Jul. 2015- Jul. 2016	Unadjusted effect on All Items Jul. 2015- Jul. 2016 <sup>1</sup>	Standard error, median price change <sup>2</sup>	Largest (L) or Smallest (S) unadjusted change since: <sup>3</sup>	
					Date	Percent change
All items less energy.....	92.704	1.9	1.746	0.08	S-Dec.2015	1.9
Commodities.....	36.729	-2.5	-0.952	0.13	S-Nov.2015	-2.8
Commodities less food, energy, and used cars and trucks.....	17.269	-0.3	-0.058	0.27	L-Feb.2016	0.0
Commodities less food.....	22.999	-4.2	-0.984	0.19	S-Nov.2015	-5.1
Commodities less food and beverages.....	22.051	-4.4	-0.995	0.20	S-Nov.2015	-5.4
Services.....	63.271	2.9	1.787	0.10	L-May 2016	2.9
Services less rent of shelter <sup>15</sup> .....	30.431	2.4	0.714	0.12	L-Jul.2014	2.5
Services less medical care services.....	56.672	2.7	1.529	0.11	—	—
Durables.....	9.487	-2.0	-0.181	0.19	—	—
Nondurables.....	27.242	-2.6	-0.770	0.16	S-Dec.2015	-2.6
Nondurables less food.....	13.513	-5.4	-0.802	0.26	S-Mar.2016	-5.7
Nondurables less food and beverages.....	12.564	-5.8	-0.814	0.28	S-Mar.2016	-6.2
Nondurables less food, beverages, and apparel.....	9.455	-7.8	-0.825	0.17	S-Mar.2016	-8.1
Nondurables less food and apparel.....	10.403	-7.0	-0.813	0.15	S-Mar.2016	-7.3
Housing.....	42.269	2.4	1.024	0.13	—	—
Education and communication <sup>4</sup> .....	6.987	0.9	0.060	0.20	S-Sep.2015	0.4
Education <sup>4</sup> .....	3.144	2.8	0.093	0.30	S-EVER	—
Communication <sup>4</sup> .....	3.843	-0.8	-0.033	0.25	S-Nov.2015	-0.8
Information and information processing <sup>4</sup> .....	3.707	-0.8	-0.033	0.26	S-Feb.2016	-0.8
Information technology, hardware and services <sup>17</sup> .....	1.194	-3.0	-0.035	0.66	L-Apr.2015	-2.7
Recreation <sup>4</sup> .....	5.722	0.9	0.049	0.35	S-Feb.2016	0.9
Video and audio <sup>4</sup> .....	1.872	2.0	0.037	0.36	S-May 2016	1.7
Pets, pet products and services <sup>4</sup> .....	0.956	1.6	0.015	0.48	L-Apr.2016	1.7
Photography <sup>4</sup> .....	0.087	0.3	0.000	1.30	L-Nov.2014	0.7
Food and beverages.....	14.678	0.3	0.044	0.12	S-Mar.2010	0.3
Domestically produced farm food.....	6.675	-1.8	-0.124	0.20	S-Jan.2010	-2.2
Other services.....	11.867	2.1	0.252	0.20	S-Jan.2016	2.1
Apparel less footwear.....	2.428	0.8	0.019	1.32	—	—
Fuels and utilities.....	5.015	-0.2	-0.016	0.23	L-Feb.2015	0.0
Household energy.....	3.858	-1.4	-0.057	0.29	L-Feb.2015	-1.4
Medical care.....	8.427	4.0	0.323	0.24	L-Sep.2012	4.1
Transportation.....	15.657	-4.9	-0.738	0.16	S-Nov.2015	-6.0
Private transportation.....	14.467	-5.1	-0.714	0.16	S-Nov.2015	-6.4
New and used motor vehicles <sup>4</sup> .....	6.561	-0.7	-0.032	0.25	L-May 2016	-0.5
Utilities and public transportation.....	10.073	0.5	0.048	0.17	L-Jan.2015	0.7
Household furnishings and operations.....	4.071	-0.9	-0.037	0.25	L-Mar.2016	-0.3
Other goods and services.....	3.152	1.9	0.063	0.25	—	—
Personal care.....	2.500	1.7	0.043	0.31	L-May 2016	1.8

<sup>1</sup> 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).

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Indexes on a December 1997=100 base.

<sup>5</sup> 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.

<sup>6</sup> Indexes on a December 2007=100 base.

<sup>7</sup> Indexes on a December 2005=100 base.

<sup>8</sup> Indexes on a December 1986=100 base.

<sup>9</sup> Indexes on a December 1993=100 base.

<sup>10</sup> This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

<sup>11</sup> Indexes on a December 2009=100 base.

<sup>12</sup> Indexes on a December 1990=100 base.

<sup>13</sup> Indexes on a December 1983=100 base.

<sup>14</sup> Indexes on a December 2001=100 base.

<sup>15</sup> Indexes on a December 1982=100 base.

<sup>16</sup> Indexes on a December 1996=100 base.

<sup>17</sup> Indexes on a December 1988=100 base.

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