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**CONSUMER PRICE INDEX – JULY 2018**

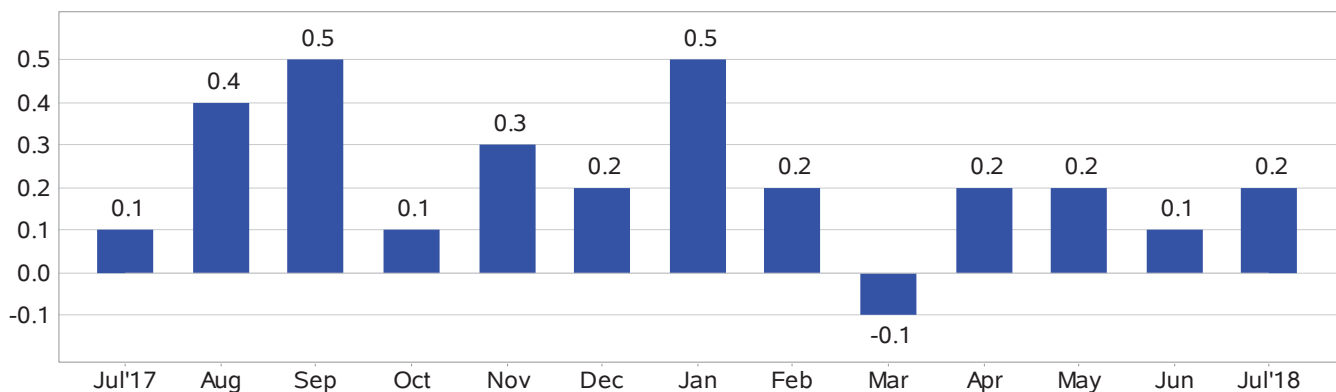
The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.2 percent in July on a seasonally adjusted basis after rising 0.1 percent in June, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index rose 2.9 percent before seasonal adjustment.

The index for shelter rose 0.3 percent in July and accounted for nearly 60 percent of the seasonally adjusted monthly increase in the all items index. The food index rose slightly in July, with major grocery store food group indexes mixed. The energy index fell 0.5 percent, as all the major component indexes declined.

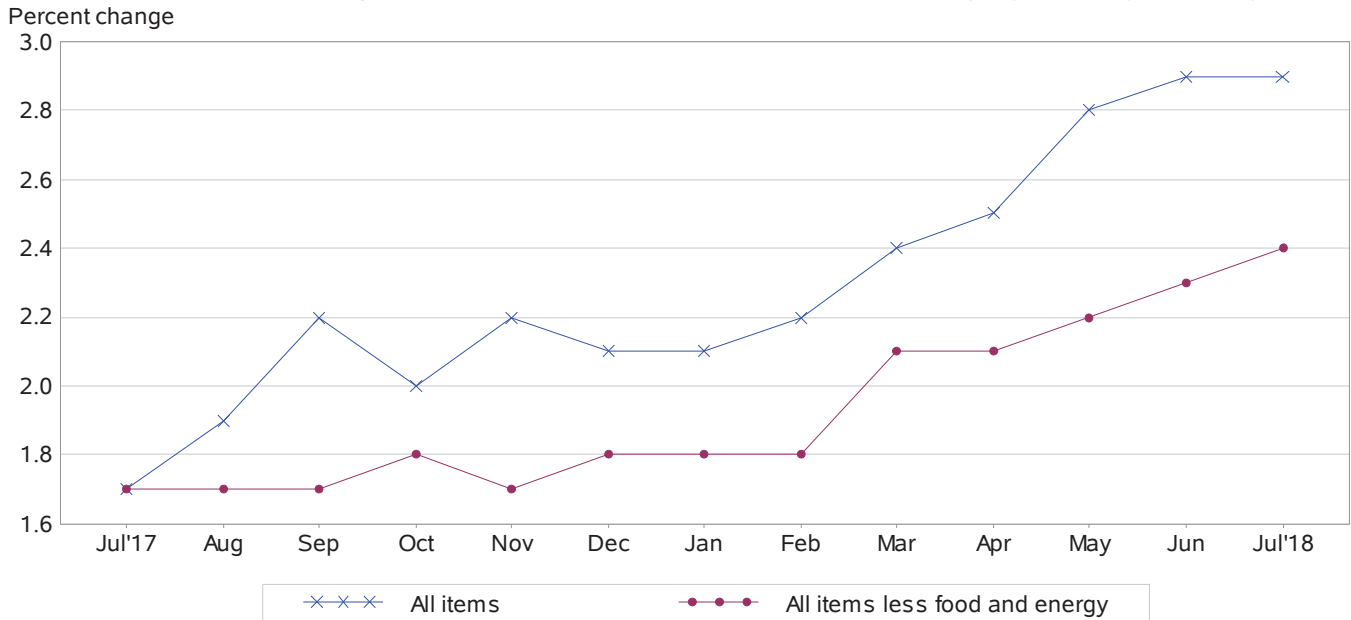
The index for all items less food and energy rose 0.2 percent in July, the same increase as in May and June. Along with the shelter index, the indexes for used cars and trucks, airline fares, new vehicles, household furnishings and operations, and recreation all increased. The indexes for medical care and for apparel both declined in July.

The all items index rose 2.9 percent for the 12 months ending July, the same increase as for the period ending June. The index for all items less food and energy rose 2.4 percent for the 12 months ending July; this was the largest 12-month increase since the period ending September 2008. The food index increased 1.4 percent over the last 12 months, and the energy index rose 12.1 percent.

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



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



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

	Seasonally adjusted changes from preceding month							Unadjusted 12-mos. ended July 2018
	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018	June 2018	July 2018	
All items .....	.5	.2	-.1	.2	.2	.1	.2	2.9
Food .....	.2	.0	.1	.3	.0	.2	.1	1.4
Food at home .....	.1	-.2	.1	.3	-.2	.2	.2	.4
Food away from home <sup>1</sup> .....	.4	.2	.1	.2	.3	.2	.1	2.8
Energy .....	3.0	.1	-2.8	1.4	.9	-.3	-.5	12.1
Energy commodities .....	5.8	-.9	-4.7	3.0	1.6	.6	-.6	25.4
Gasoline (all types) .....	5.7	-.9	-4.9	3.0	1.7	.5	-.6	25.4
Fuel oil .....	9.5	-3.6	-.7	2.7	-.7	2.9	1.2	34.7
Energy services .....	-.8	1.4	-.2	-.5	-.1	-1.5	-.4	-1.0
Electricity .....	-.2	.4	.0	-.6	.1	-1.4	-.4	-.8
Utility (piped) gas service .....	-2.6	4.7	-1.2	-.4	-.6	-1.7	-.5	-1.3
All items less food and energy .....	.3	.2	.2	.1	.2	.2	.2	2.4
Commodities less food and energy commodities .....	.4	.1	-.1	-.1	-.1	.0	.1	.0
New vehicles .....	-.1	-.5	.0	-.5	.3	.4	.3	.2
Used cars and trucks .....	.4	-.3	-.3	-1.6	-.9	.7	1.3	.8
Apparel .....	1.7	1.5	-.6	.3	.0	-.9	-.3	.3
Medical care commodities .....	-.1	-.3	.1	-.2	1.3	.2	-1.1	.4
Services less energy services .....	.3	.2	.3	.2	.3	.2	.3	3.1
Shelter .....	.2	.2	.4	.3	.3	.1	.3	3.5
Transportation services .....	.8	1.0	.2	-.4	.0	.2	.5	4.0
Medical care services .....	.6	.0	.5	.2	-.1	.5	.1	2.3

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

## **Food**

The food index rose 0.1 percent in July after increasing 0.2 percent in June. The index for food away from home rose 0.1 percent, while the index for food at home rose 0.2 percent in July, the same increase as the prior month. Three of the six major grocery store food group indexes increased, with the index for fruits and vegetables rising 1.0 percent as the index for fresh vegetables rose 1.9 percent. The index for meats, poultry, fish, and eggs increased 0.3 percent and the index for other food at home advanced 0.1 percent.

In contrast, the index for dairy and related products fell 0.6 percent in July after rising 0.7 percent in June. The index for cereals and bakery products also declined in July, falling 0.2 percent after rising in June. The index for nonalcoholic beverages was unchanged in July.

The food at home index increased 0.4 percent over the past year. Four of the six major grocery store food group indexes rose over the span; the index for meats, poultry, fish, and eggs and the fruits and vegetables index both rose 0.9 percent over the last 12 months, the largest increases among the groups. The indexes for dairy and related products and nonalcoholic beverages both declined over the past year. The index for food away from home increased 2.8 percent over the past 12 months.

## **Energy**

The energy index fell 0.5 percent in July after declining 0.3 percent in June. The indexes for gasoline, natural gas, and electricity all declined modestly in July. The gasoline index fell 0.6 percent in July after rising 0.5 percent in June. (Before seasonal adjustment, gasoline prices decreased 1.4 percent in July.) The electricity index fell 0.4 percent, and the index for natural gas fell 0.5 percent, its fifth consecutive decline.

The energy index increased 12.1 percent over the past year, as the gasoline index increased 25.4 percent. The index for fuel oil increased 34.7 percent over the last year. In contrast, the electricity index fell 0.8 percent, and the natural gas index declined 1.3 percent.

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

The index for all items less food and energy increased 0.2 percent in July. The shelter index rose 0.3 percent in July following a 0.1-percent increase in June. The indexes for rent and owners' equivalent rent both rose 0.3 percent, the same increase as in June. The index for lodging away from home increased 0.4 percent in July after falling in June. The index for used cars and trucks increased 1.3 percent in July, and the index for airline fares increased 2.7 percent after falling in each of the prior 3 months. The new vehicles index rose 0.3 percent, its third consecutive increase. The index for household furnishings and operations also rose in July, advancing 0.3 percent, and the recreation index rose 0.2 percent.

The medical care index declined in July, falling 0.2 percent. The index for prescription drugs fell 1.0 percent in July after rising in each of the last 3 months, and the physicians' services index fell 0.2 percent. In contrast, the hospital services index rose 0.4 percent in July. The apparel index declined in July, falling 0.3 percent, and the index for personal care was unchanged.

The index for all items less food and energy rose 2.4 percent over the past 12 months, the largest 12-month increase since the period ending September 2008. The shelter index rose 3.5 percent over the last

12 months, and the medical care index rose 1.9 percent. The indexes for used cars and trucks, apparel, recreation, and new vehicles all posted increases of less than 1.0 percent over the past year.

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

The Consumer Price Index for All Urban Consumers (CPI-U) increased 2.9 percent over the last 12 months to an index level of 252.006 (1982-84=100). For the month, the index was unchanged prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 3.2 percent over the last 12 months to an index level of 246.155 (1982-84=100). For the month, the index was unchanged prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 2.7 percent over the last 12 months. For the month, the index was unchanged on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

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**The Consumer Price Index for August 2018 is scheduled to be released on Thursday, September 13, 2018, at 8:30 a.m. (EDT).**

## **Technical Note**

### **Brief Explanation of the CPI**

The Consumer Price Index (CPI) measures the change in prices paid by consumers for goods and services. The CPI reflects spending patterns for each of two population groups: all urban consumers and urban wage earners and clerical workers. The all urban consumer group represents about 93 percent of the total U.S. population. It is based on the expenditures of almost all residents of urban or metropolitan areas, including professionals, the self-employed, the poor, the unemployed, and retired people, as well as urban wage earners and clerical workers. Not included in the CPI are the spending patterns of people living in rural nonmetropolitan areas, farming families, people in the Armed Forces, and those in institutions, such as prisons and mental hospitals. Consumer inflation for all urban consumers is measured by two indexes, namely, the Consumer Price Index for All Urban Consumers (CPI-U) and the Chained Consumer Price Index for All Urban Consumers (C-CPI-U).

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is based on the expenditures of households included in the CPI-U definition that meet two requirements: more than one-half of the household's income must come from clerical or wage occupations, and at least one of the household's earners must have been employed for at least 37 weeks during the previous 12 months. The CPI-W population represents about 29 percent of the total U.S. population and is a subset of the CPI-U population.

The CPIs are based on prices of food, clothing, shelter, fuels, transportation, doctors' and dentists' services, drugs, and other goods and services that people buy for day-to-day living. Prices are collected each month in 75 urban areas across the country from about 5,000 housing units and approximately 22,000 retail establishments (department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments). All taxes directly associated with the purchase and use of items are included in the index. Prices of fuels and a few other items are obtained every month in all 75 locations. Prices of most other commodities and services are collected every month in the three largest geographic areas and every other month in other areas. Prices of most goods and services are obtained by personal visits or telephone calls by the Bureau's trained representatives.

In calculating the index, price changes for the various items in each location are aggregated using weights, which represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. For the CPI-U and CPI-W, separate indexes are also published by size of city, by region of the country, for cross-classifications of regions and population-size classes, and for 23 selected local areas. Area indexes do not measure differences in the level of prices among cities; they only measure the average change in prices for each area since the base period. For the C-CPI-U, data are issued only at the national level. The CPI-U and CPI-W are considered final when released, but the C-CPI-U is issued in preliminary form and subject to three subsequent quarterly revisions.

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

### **Sampling Error in the CPI**

The CPI is a statistical estimate that is subject to sampling error because it is based upon a sample of retail prices and not the complete universe of all prices. BLS calculates and publishes estimates of the 1-month, 2-month, 6-month, and 12-month percent change standard errors annually for the CPI-U. These standard error estimates can be used to construct confidence intervals for hypothesis testing. For

example, the estimated standard error of the 1-month percent change is 0.03 percent for the U.S. all items CPI. This means that if we repeatedly sample from the universe of all retail prices using the same methodology, and estimate a percentage change for each sample, then 95 percent of these estimates will be within 0.06 percent of the 1-month percentage change based on all retail prices. For example, for a 1-month change of 0.2 percent in the all items CPI-U, we are 95 percent confident that the actual percent change based on all retail prices would fall between 0.14 and 0.26 percent. For the latest data, including information on how to use the estimates of standard error, see <https://www.bls.gov/cpi/tables/variance-estimates/home.htm>.

### Calculating Index Changes

Movements of the indexes from 1 month to another are usually expressed as percent changes rather than changes in index points, because index point changes are affected by the level of the index in relation to its base period, while percent changes are not. The following table shows an example of using index values to calculate percent changes:

	Item A	Item B	Item C
<b>Year I</b>	112.500	225.000	110.000
<b>Year II</b>	121.500	243.000	128.000
<b>Change in index points</b>	9.000	18.000	18.000
<b>Percent change</b>	$9.0/112.500 \times 100 = 8.0$	$18.0/225.000 \times 100 = 8.0$	$18.0/110.000 \times 100 = 16.4$

### Use of Seasonally Adjusted and Unadjusted Data

The Consumer Price Index (CPI) produces both unadjusted and seasonally adjusted data. Seasonally adjusted data are computed using seasonal factors derived by the X-13ARIMA-SEATS seasonal adjustment method. These factors are updated each February, and the new factors are used to revise the previous 5 years of seasonally adjusted data. For more information on data revision scheduling, please see the Factsheet on Seasonal Adjustment at [www.bls.gov/cpi/seasonal-adjustment/questions-and-answers.htm](http://www.bls.gov/cpi/seasonal-adjustment/questions-and-answers.htm) and the Timeline of Seasonal Adjustment Methodological Changes at [www.bls.gov/cpi/seasonal-adjustment/timeline-seasonal-adjustment-methodology-changes.htm](http://www.bls.gov/cpi/seasonal-adjustment/timeline-seasonal-adjustment-methodology-changes.htm).

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

### *Intervention Analysis*

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

resulting seasonal factors, which more accurately represent the seasonal pattern, are then applied to the unadjusted data.

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

For the seasonal factors introduced in January 2018, BLS adjusted 38 series using intervention analysis seasonal adjustment, including selected food and beverage items, motor fuels, and natural gas.

#### *Revision of Seasonally Adjusted Indexes*

Seasonally adjusted data, including the U.S. city average all items index levels, are subject to revision for up to 5 years after their original release. Every year, economists in the CPI calculate new seasonal factors for seasonally adjusted series and apply them to the last 5 years of data. Seasonally adjusted indexes beyond the last 5 years of data are considered to be final and not subject to revision. In January 2018, revised seasonal factors and seasonally adjusted indexes for 2013 to 2017 were calculated and published. For series which are directly adjusted using the Census X-13ARIMA-SEATS seasonal adjustment software, the seasonal factors for 2017 will be applied to data for 2018 to produce the seasonally adjusted 2018 indexes. Series which are indirectly seasonally adjusted by summing seasonally adjusted component series have seasonal factors which are derived and are therefore not available in advance.

#### *Determining Seasonal Status*

Each year the seasonal status of every series is reevaluated based upon certain statistical criteria. Using these criteria, BLS economists determine whether a series should change its status from "not seasonally adjusted" to "seasonally adjusted", or vice versa. If any of the 81 components of the U.S. city average all items index change their seasonal adjustment status from seasonally adjusted to not seasonally adjusted, not seasonally adjusted data will be used in the aggregation of the dependent series for the last 5 years, but the seasonally adjusted indexes before that period will not be changed. Twenty-nine of the 81 components of the U.S. city average all items index are not seasonally adjusted for 2018.

#### **Contact Information**

For additional information about the CPI visit [www.bls.gov/cpi](http://www.bls.gov/cpi) or contact the CPI Information and Analysis Section at 202-691-7000 or [cpi\\_info@bls.gov](mailto:cpi_info@bls.gov).

For additional information on seasonal adjustment in the CPI visit <https://www.bls.gov/cpi/seasonal-adjustment/home.htm> or contact the CPI seasonal adjustment section at 202-691-6968 or [cpiseas@bls.gov](mailto:cpiseas@bls.gov).

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

**Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, July 2018**

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2018	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017	Jun. 2018	Jul. 2018	Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
All items.....	100.000	244.786	251.989	252.006	2.9	0.0	0.2	0.1	0.2
Food.....	13.198	250.214	253.231	253.746	1.4	0.2	0.0	0.2	0.1
Food at home.....	7.239	238.953	239.158	239.820	0.4	0.3	-0.2	0.2	0.2
Cereals and bakery products.....	0.957	271.950	273.682	273.258	0.5	-0.2	0.0	0.6	-0.2
Meats, poultry, fish, and eggs.....	1.601	247.761	248.609	250.042	0.9	0.6	-0.7	-0.6	0.3
Dairy and related products.....	0.725	216.434	216.126	215.622	-0.4	-0.2	-0.1	0.7	-0.6
Fruits and vegetables.....	1.270	294.935	295.523	297.632	0.9	0.7	-0.3	0.5	1.0
Nonalcoholic beverages and beverage materials.....	0.856	167.085	166.431	166.577	-0.3	0.1	0.4	0.3	0.0
Other food at home.....	1.831	210.624	210.259	210.736	0.1	0.2	-0.2	0.1	0.1
Food away from home <sup>1</sup> .....	5.959	268.649	275.808	276.125	2.8	0.1	0.3	0.2	0.1
Energy.....	8.151	202.554	229.137	227.107	12.1	-0.9	0.9	-0.3	-0.5
Energy commodities.....	4.697	205.222	260.848	257.338	25.4	-1.3	1.6	0.6	-0.6
Fuel oil.....	0.116	220.152	293.685	296.602	34.7	1.0	-0.7	2.9	1.2
Motor fuel.....	4.509	202.051	257.041	253.424	25.4	-1.4	1.7	0.6	-0.6
Gasoline (all types).....	4.415	201.173	255.885	252.232	25.4	-1.4	1.7	0.5	-0.6
Energy services.....	3.454	209.084	207.631	207.091	-1.0	-0.3	-0.1	-1.5	-0.4
Electricity.....	2.697	219.696	218.591	217.900	-0.8	-0.3	0.1	-1.4	-0.4
Utility (piped) gas service.....	0.757	174.301	172.167	172.062	-1.3	-0.1	-0.6	-1.7	-0.5
All items less food and energy.....	78.651	251.936	257.697	257.867	2.4	0.1	0.2	0.2	0.2
Commodities less food and energy commodities.....	19.635	143.915	144.237	143.861	0.0	-0.3	-0.1	0.0	0.1
Apparel.....	3.069	122.485	125.382	122.831	0.3	-2.0	0.0	-0.9	-0.3
New vehicles.....	3.723	146.190	146.562	146.526	0.2	0.0	0.3	0.4	0.3
Used cars and trucks.....	2.401	139.519	139.090	140.687	0.8	1.1	-0.9	0.7	1.3
Medical care commodities.....	1.733	380.302	385.121	381.954	0.4	-0.8	1.3	0.2	-1.1
Alcoholic beverages.....	0.961	244.706	248.844	248.469	1.5	-0.2	-0.2	0.5	-0.1
Tobacco and smoking products.....	0.645	1,030.729	1,060.067	1,062.895	3.1	0.3	0.4	-0.4	0.1
Services less energy services.....	59.016	318.674	328.068	328.641	3.1	0.2	0.3	0.2	0.3
Shelter.....	32.720	297.919	307.521	308.393	3.5	0.3	0.3	0.1	0.3
Rent of primary residence.....	7.761	308.173	318.318	319.351	3.6	0.3	0.3	0.3	0.3
Owners' equivalent rent of residences <sup>2</sup> .....	23.564	305.037	314.472	315.391	3.4	0.3	0.2	0.3	0.3
Medical care services.....	6.898	506.681	518.307	518.277	2.3	0.0	-0.1	0.5	0.1
Physicians' services.....	1.732	377.989	380.991	380.404	0.6	-0.2	0.1	0.0	-0.2
Hospital services <sup>3</sup> .....	2.322	319.387	333.408	334.033	4.6	0.2	0.5	0.8	0.4
Transportation services.....	5.982	310.567	323.646	322.842	4.0	-0.2	0.0	0.2	0.5
Motor vehicle maintenance and repair <sup>1</sup> .....	1.109	279.605	285.753	286.067	2.3	0.1	0.2	0.3	0.1
Motor vehicle insurance.....	2.376	526.394	565.284	565.547	7.4	0.0	0.4	0.3	0.2
Airline fares.....	0.739	276.308	278.937	264.994	-4.1	-5.0	-1.9	-0.9	2.7

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

<sup>2</sup> Indexes on a December 1982=100 base.

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



**Table 2. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by detailed expenditure category, July 2018**

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
All items.....	100.000	2.9	0.0	0.2	0.1	0.2
Food.....	13.198	1.4	0.2	0.0	0.2	0.1
Food at home.....	7.239	0.4	0.3	-0.2	0.2	0.2
Cereals and bakery products.....	0.957	0.5	-0.2	0.0	0.6	-0.2
Cereals and cereal products.....	0.310	-0.3	0.1	-0.5	0.3	-0.2
Flour and prepared flour mixes.....	0.041	0.5	0.4	-0.8	-0.1	-0.4
Breakfast cereal <sup>1</sup> .....	0.149	-2.5	-0.4	0.1	-0.2	-0.4
Rice, pasta, cornmeal <sup>1</sup> .....	0.120	2.1	0.5	-0.7	1.3	0.5
Rice <sup>1, 2, 3</sup> .....		1.1	-0.7	-0.8	1.3	-0.7
Bakery products <sup>1</sup> .....	0.647	0.9	-0.3	0.1	0.8	-0.3
Bread <sup>1, 2</sup> .....	0.190	1.0	0.0	1.5	-0.3	0.0
White bread <sup>1, 3</sup> .....		0.2	0.0	1.7	-0.4	0.0
Bread other than white <sup>1, 3</sup> .....		2.2	0.4	1.2	-0.1	0.4
Fresh biscuits, rolls, muffins <sup>2</sup> .....	0.091	1.6	-0.3	0.0	1.3	-0.6
Cakes, cupcakes, and cookies.....	0.163	1.5	-0.9	-0.3	2.2	-0.9
Cookies <sup>3</sup> .....		0.9	-1.7	-0.5	4.3	-1.7
Fresh cakes and cupcakes <sup>1, 3</sup> .....		1.6	-0.1	-0.3	0.1	-0.1
Other bakery products.....	0.203	-0.2	0.1	-0.3	0.8	0.1
Fresh sweetrolls, coffeecakes, doughnuts <sup>1, 3</sup> .....		3.6	3.1	-0.5	-1.2	3.1
Crackers, bread, and cracker products <sup>3</sup> .....		-0.9	0.3	-1.7	2.4	0.6
Frozen and refrigerated bakery products, pies, tarts, turnovers <sup>3</sup> .....		-1.4	-1.0	0.5	0.5	-1.5
Meats, poultry, fish, and eggs.....	1.601	0.9	0.6	-0.7	-0.6	0.3
Meats, poultry, and fish.....	1.509	0.0	0.5	-0.6	-0.1	0.3
Meats.....	0.943	-0.7	0.6	-0.7	-0.4	0.3
Beef and veal.....	0.433	0.1	0.4	-1.4	1.0	0.5
Uncooked ground beef <sup>1</sup> .....	0.171	-1.6	0.3	-2.1	0.4	0.3
Uncooked beef roasts <sup>1, 2</sup> .....	0.063	2.6	0.1	0.3	2.8	0.1
Uncooked beef steaks <sup>2</sup> .....	0.161	0.4	0.8	-1.0	0.0	1.7
Uncooked other beef and veal <sup>1, 2</sup> .....	0.038	2.7	-0.1	0.4	1.4	-0.1
Pork.....	0.294	-1.3	0.8	-0.2	-1.1	-0.3
Bacon, breakfast sausage, and related products <sup>2</sup> .....	0.131	-1.2	2.0	-0.2	-1.4	1.1
Bacon and related products <sup>3</sup> .....		-2.5	2.4	-0.1	-2.1	1.6
Breakfast sausage and related products <sup>2, 3</sup> .....		1.4	1.3	-0.8	-0.7	0.9
Ham.....	0.055	-2.8	-0.4	1.7	-0.1	-1.7
Ham, excluding canned <sup>3</sup> .....		-2.3	-0.3	2.5	-0.4	-1.6
Pork chops <sup>1</sup> .....	0.043	2.3	-0.9	-1.5	0.4	-0.9
Other pork including roasts, steaks, and ribs <sup>2</sup> .....	0.065	-2.4	0.6	-1.1	-1.5	-0.1
Other meats.....	0.215	-1.8	0.6	-0.3	-2.0	0.8
Frankfurters <sup>3</sup> .....		-1.1	-1.3	-3.1	-1.4	-0.4
Lunchmeats <sup>2, 3</sup> .....		-2.3	0.9	0.4	-1.7	0.9
Lamb and organ meats <sup>1, 3</sup> .....						
Lamb and mutton <sup>1, 2, 3</sup> .....						
Poultry <sup>1</sup> .....	0.317	1.2	0.6	0.0	0.2	0.6
Chicken <sup>1, 2</sup> .....	0.259	1.8	0.7	-0.3	0.1	0.7
Fresh whole chicken <sup>1, 3</sup> .....		2.5	0.9	0.5	0.0	0.9
Fresh and frozen chicken parts <sup>1, 3</sup> .....		2.0	0.5	-0.8	0.3	0.5
Other uncooked poultry including turkey <sup>2</sup> .....	0.057	-1.4	-0.1	0.9	0.2	0.3
Fish and seafood.....	0.249	1.6	-0.1	-0.5	0.5	0.1
Fresh fish and seafood <sup>2</sup> .....	0.129	2.4	-0.8	-0.8	1.3	-0.7
Processed fish and seafood <sup>2</sup> .....	0.120	0.9	0.6	-0.2	-0.3	0.3
Shelf stable fish and seafood <sup>1, 3</sup> .....		4.3	1.5	0.5	0.7	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 2018 — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
Frozen fish and seafood <sup>3</sup> .....		-1.8	0.1	-0.8	-0.8	-0.6
Eggs.....	0.092	16.7	2.5	-3.3	-7.1	-0.2
Dairy and related products.....	0.725	-0.4	-0.2	-0.1	0.7	-0.6
Milk <sup>1, 2</sup> .....	0.199	-2.2	-0.8	-0.2	0.6	-0.8
Fresh whole milk <sup>3</sup> .....		-2.8	0.1	-0.4	0.8	-0.8
Fresh milk other than whole <sup>2, 3</sup> .....		-1.7	-1.4	-0.5	1.3	-1.9
Cheese and related products.....	0.239	0.9	-0.5	-0.1	1.4	-1.0
Ice cream and related products.....	0.102	0.0	-1.0	0.5	0.8	-0.2
Other dairy and related products <sup>1, 2</sup> .....	0.185	-0.3	1.1	-0.5	-0.5	1.1
Fruits and vegetables.....	1.270	0.9	0.7	-0.3	0.5	1.0
Fresh fruits and vegetables.....	0.999	1.4	1.0	-0.1	0.7	1.3
Fresh fruits.....	0.542	1.9	0.6	-0.8	1.6	0.9
Apples.....	0.076	-4.9	2.1	-2.7	-4.4	1.7
Bananas <sup>1</sup> .....	0.080	1.2	0.8	-0.2	-0.4	0.8
Citrus fruits <sup>2</sup> .....	0.161	4.9	2.6	-1.0	-0.7	0.2
Oranges, including tangerines <sup>3</sup> .....		2.8	4.7	2.9	-0.6	-1.0
Other fresh fruits <sup>2</sup> .....	0.225	3.0	-1.4	-0.9	5.9	1.3
Fresh vegetables.....	0.457	0.9	1.5	0.7	-0.3	1.9
Potatoes.....	0.077	1.3	2.3	0.1	1.4	0.4
Lettuce.....	0.055	1.6	3.4	-1.0	-3.5	6.3
Tomatoes <sup>1</sup> .....	0.076	1.4	0.5	-4.1	3.5	0.5
Other fresh vegetables.....	0.249	0.4	1.0	0.8	-0.6	1.7
Processed fruits and vegetables <sup>2</sup> .....	0.271	-1.0	-0.3	-1.1	-0.1	-0.5
Canned fruits and vegetables <sup>2</sup> .....	0.148	0.1	-0.5	-0.2	-0.2	-0.7
Canned fruits <sup>2, 3</sup> .....		-1.4	-0.6	0.4	-1.1	-0.7
Canned vegetables <sup>2, 3</sup> .....		1.4	-0.3	-0.1	0.1	-0.5
Frozen fruits and vegetables <sup>2</sup> .....	0.078	-2.8	0.5	-2.4	-0.4	0.4
Frozen vegetables <sup>3</sup> .....		-3.4	0.3	-1.8	-0.4	0.3
Other processed fruits and vegetables including dried <sup>2</sup> .....	0.045	-1.3	-1.2	-0.7	0.2	-1.1
Dried beans, peas, and lentils <sup>1, 2, 3</sup> .....		-2.7	-1.2	0.2	-0.4	-1.2
Nonalcoholic beverages and beverage materials.....	0.856	-0.3	0.1	0.4	0.3	0.0
Juices and nonalcoholic drinks <sup>2</sup> .....	0.604	0.2	-0.1	0.2	0.4	-0.2
Carbonated drinks.....	0.252	0.7	-0.8	0.2	0.7	-1.1
Frozen noncarbonated juices and drinks <sup>1, 2</sup> .....	0.009	-2.3	0.7	0.3	-0.6	0.7
Nonfrozen noncarbonated juices and drinks <sup>2</sup> .....	0.343	-0.1	0.4	0.0	0.4	0.4
Beverage materials including coffee and tea <sup>2</sup> .....	0.252	-1.5	0.6	0.2	0.1	0.1
Coffee.....	0.163	-2.4	0.0	0.4	0.3	-0.2
Roasted coffee <sup>3</sup> .....		-3.0	0.0	0.5	0.0	-0.2
Instant coffee <sup>1, 3</sup> .....		-4.2	1.1	-1.1	-1.0	1.1
Other beverage materials including tea <sup>1, 2</sup> .....	0.089	0.0	1.7	-0.7	-1.0	1.7
Other food at home.....	1.831	0.1	0.2	-0.2	0.1	0.1
Sugar and sweets <sup>1</sup> .....	0.277	-1.1	-0.8	0.0	0.2	-0.8
Sugar and artificial sweeteners.....	0.043	-0.9	-0.2	-0.1	0.2	-0.4
Candy and chewing gum <sup>1, 2</sup> .....	0.181	-0.8	-0.9	0.5	0.0	-0.9
Other sweets <sup>2</sup> .....	0.054	-1.7	-0.7	-2.0	0.8	-0.6
Fats and oils.....	0.213	-0.5	1.1	-0.7	-0.3	0.6
Butter and margarine <sup>2</sup> .....	0.060	-0.2	1.7	-1.5	0.1	0.3
Butter <sup>3</sup> .....		1.2	1.8	-1.2	0.0	-0.2
Margarine <sup>3</sup> .....		-2.4	0.7	-1.3	-0.2	0.7
Salad dressing <sup>2</sup> .....	0.050	-2.9	2.3	-0.1	-0.8	0.8
Other fats and oils including peanut butter <sup>2</sup> .....	0.102	0.5	0.2	-0.6	-0.1	0.8
Peanut butter <sup>1, 2, 3</sup> .....		-1.9	-2.9	0.1	0.0	-2.9
Other foods.....	1.341	0.4	0.3	-0.1	0.1	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 2018 — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
Soups.....	0.085	-1.0	-0.3	0.4	-0.1	0.1
Frozen and freeze dried prepared foods <sup>1</sup> .....	0.235	-1.0	0.0	0.0	0.1	0.0
Snacks <sup>1</sup> .....	0.309	2.0	0.6	-0.6	0.1	0.6
Spices, seasonings, condiments, sauces.....	0.270	0.8	0.0	0.7	0.2	-0.4
Salt and other seasonings and spices <sup>2, 3</sup> .....		1.2	0.4	-0.1	1.9	0.5
Olives, pickles, relishes <sup>1, 2, 3</sup> .....		3.2	-0.4	0.7	2.3	-0.4
Sauces and gravies <sup>2, 3</sup> .....		1.7	-0.8	1.2	0.2	-2.0
Other condiments <sup>3</sup> .....		-0.7	0.0	0.8	0.9	-0.1
Baby food <sup>1, 2</sup> .....	0.049	0.9	-0.7	1.1	0.3	-0.7
Other miscellaneous foods <sup>1, 2</sup> .....	0.394	-0.1	0.7	-1.0	-0.1	0.7
Prepared salads <sup>1, 3, 4</sup> .....		-0.7	0.0	-2.7	0.0	0.0
Food away from home <sup>1</sup> .....	5.959	2.8	0.1	0.3	0.2	0.1
Full service meals and snacks <sup>1, 2</sup> .....	2.963	2.4	0.2	0.4	0.1	0.2
Limited service meals and snacks <sup>1, 2</sup> .....	2.532	2.6	0.0	0.3	0.2	0.0
Food at employee sites and schools <sup>2</sup> .....	0.179	7.8	0.2	0.8	1.1	1.8
Food at elementary and secondary schools <sup>1, 3, 5</sup> .....				0.2	0.1	
Food from vending machines and mobile vendors <sup>1, 2</sup> .....	0.090	3.0	0.3	-0.2	1.2	0.3
Other food away from home <sup>1, 2</sup> .....	0.195	4.8	0.2	0.1	0.0	0.2
Energy.....	8.151	12.1	-0.9	0.9	-0.3	-0.5
Energy commodities.....	4.697	25.4	-1.3	1.6	0.6	-0.6
Fuel oil and other fuels.....	0.189	22.1	0.1	0.0	1.6	0.7
Fuel oil.....	0.116	34.7	1.0	-0.7	2.9	1.2
Propane, kerosene, and firewood <sup>6</sup> .....	0.073	7.0	-1.3	1.2	-0.2	0.1
Motor fuel.....	4.509	25.4	-1.4	1.7	0.6	-0.6
Gasoline (all types).....	4.415	25.4	-1.4	1.7	0.5	-0.6
Gasoline, unleaded regular <sup>3</sup> .....		25.9	-1.5	1.7	0.6	-1.3
Gasoline, unleaded midgrade <sup>3, 7</sup> .....		23.3	-1.2	2.6	0.8	-0.7
Gasoline, unleaded premium <sup>3</sup> .....		22.0	-1.2	1.4	0.3	-0.8
Other motor fuels <sup>2</sup> .....	0.094	30.1	-0.5	2.1	1.7	-0.2
Energy services.....	3.454	-1.0	-0.3	-0.1	-1.5	-0.4
Electricity.....	2.697	-0.8	-0.3	0.1	-1.4	-0.4
Utility (piped) gas service.....	0.757	-1.3	-0.1	-0.6	-1.7	-0.5
All items less food and energy.....	78.651	2.4	0.1	0.2	0.2	0.2
Commodities less food and energy commodities.....	19.635	0.0	-0.3	-0.1	0.0	0.1
Household furnishings and supplies <sup>8</sup> .....	3.345	-0.5	0.0	-0.6	-0.2	0.3
Window and floor coverings and other linens <sup>1, 2</sup> .....	0.258	-0.5	-0.6	-1.3	-0.8	-0.6
Floor coverings <sup>1, 2</sup> .....	0.056	1.4	-1.7	-0.7	-1.5	-1.7
Window coverings <sup>1, 2</sup> .....	0.046	-3.2	-0.5	-0.9	-2.1	-0.5
Other linens <sup>1, 2</sup> .....	0.156	-0.4	-0.2	-1.6	-0.1	-0.2
Furniture and bedding.....	0.883	0.0	-0.6	-0.3	0.2	-0.1
Bedroom furniture <sup>1</sup> .....	0.319	0.8	0.4	-0.8	0.7	0.4
Living room, kitchen, and dining room furniture <sup>1, 2</sup> .....	0.428	0.0	-1.1	0.7	-0.2	-1.1
Other furniture <sup>2</sup> .....	0.124	-2.3	-1.2	-1.7	0.4	-0.8
Infants' furniture <sup>1, 3, 5</sup> .....		-2.1	-0.6		0.9	-0.6
Appliances <sup>2</sup> .....	0.213	2.8	0.9	0.3	0.0	1.5
Major appliances <sup>2</sup> .....	0.078	8.5	2.0	1.8	0.2	3.5
Laundry equipment <sup>3</sup> .....		15.4	-1.4	7.4	1.8	0.3
Other appliances <sup>2</sup> .....	0.131	0.0	0.3	-0.8	0.2	0.2
Other household equipment and furnishings <sup>2</sup> .....	0.502	-5.6	-0.4	-1.4	-1.7	0.4
Clocks, lamps, and decorator items <sup>1</sup> .....	0.274	-7.2	0.3	-3.1	-0.3	0.3
Indoor plants and flowers <sup>9</sup> .....	0.092	0.1	-1.3	0.7	-1.9	0.9
Dishes and flatware <sup>1, 2</sup> .....	0.054	-11.2	-1.0	1.1	-8.2	-1.0
Nonelectric cookware and tableware <sup>2</sup> .....	0.081	-3.3	-1.2	0.3	-2.6	-1.0

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
Tools, hardware, outdoor equipment and supplies <sup>2</sup> . . .	0.663	-0.1	0.2	-1.0	0.2	0.4
Tools, hardware and supplies <sup>1, 2</sup> . . . . .	0.196	0.7	0.1	-0.9	0.4	0.1
Outdoor equipment and supplies <sup>2</sup> . . . . .	0.306	-0.5	0.2	-0.9	-0.1	0.5
Housekeeping supplies <sup>1</sup> . . . . .	0.827	1.0	0.6	-0.5	0.3	0.6
Household cleaning products <sup>2</sup> . . . . .	0.329	1.4	0.0	0.2	0.4	0.4
Household paper products <sup>1, 2</sup> . . . . .	0.216	0.4	1.4	-0.7	0.0	1.4
Miscellaneous household products <sup>1, 2</sup> . . . . .	0.282	1.0	0.6	-1.2	0.6	0.6
Apparel . . . . .	3.069	0.3	-2.0	0.0	-0.9	-0.3
Men's and boys' apparel . . . . .	0.749	1.4	-1.0	-1.2	-0.1	0.6
Men's apparel . . . . .	0.584	0.8	0.0	-1.7	0.1	1.7
Men's suits, sport coats, and outerwear . . . . .	0.103	-0.8	-0.4	-4.3	-0.3	2.5
Men's furnishings . . . . .	0.150	4.7	3.1	-0.4	0.3	5.3
Men's shirts and sweaters <sup>2</sup> . . . . .	0.169	1.3	-0.4	-3.0	0.5	0.7
Men's pants and shorts . . . . .	0.155	-2.9	-2.4	0.0	0.2	-2.4
Boys' apparel . . . . .	0.164	4.1	-4.7	1.4	-2.2	-3.0
Women's and girls' apparel . . . . .	1.267	-1.3	-4.7	0.9	-1.4	-1.8
Women's apparel . . . . .	1.092	-1.4	-5.0	1.1	-1.2	-2.0
Women's outerwear . . . . .	0.069	-5.5	-3.0	-2.5	0.5	-1.0
Women's dresses . . . . .	0.131	0.2	-7.4	-0.5	-3.5	0.8
Women's suits and separates <sup>2</sup> . . . . .	0.586	-1.6	-7.2	1.6	0.1	-2.9
Women's underwear, nightwear, sportswear and accessories <sup>2</sup> . . . . .	0.293	-1.7	0.0	0.6	-3.4	0.9
Girls' apparel . . . . .	0.175	-2.0	-3.0	-0.2	-2.6	-0.7
Footwear . . . . .	0.667	0.5	0.3	-0.7	-0.4	1.1
Men's footwear <sup>1</sup> . . . . .	0.213	1.5	1.3	-0.6	-2.1	1.3
Boys' and girls' footwear . . . . .	0.155	3.5	3.6	-2.3	-1.0	4.3
Women's footwear . . . . .	0.300	-2.0	-2.1	-0.9	1.5	-1.6
Infants' and toddlers' apparel . . . . .	0.138	7.5	-2.0	2.5	1.0	-2.4
Jewelry and watches <sup>6</sup> . . . . .	0.248	0.1	2.3	-0.3	-2.5	1.6
Watches <sup>1, 6</sup> . . . . .	0.096	0.3	2.2	-1.1	-1.5	2.2
Jewelry <sup>6</sup> . . . . .	0.152	0.0	2.3	0.7	-3.7	2.1
Transportation commodities less motor fuel <sup>8</sup> . . . . .	6.617	0.6	0.4	-0.1	0.5	0.7
New vehicles . . . . .	3.723	0.2	0.0	0.3	0.4	0.3
New cars and trucks <sup>2, 3</sup> . . . . .		0.2	0.0	0.4	0.4	0.3
New cars <sup>3</sup> . . . . .		0.4	0.0	0.5	0.4	0.5
New trucks <sup>3, 10</sup> . . . . .		0.0	-0.1	0.3	0.4	0.2
Used cars and trucks . . . . .	2.401	0.8	1.1	-0.9	0.7	1.3
Motor vehicle parts and equipment <sup>1</sup> . . . . .	0.378	0.1	0.0	0.6	0.1	0.0
Tires <sup>1</sup> . . . . .	0.224	-1.6	-0.4	0.8	-0.7	-0.4
Vehicle accessories other than tires <sup>1, 2</sup> . . . . .	0.155	2.7	0.6	0.2	1.3	0.6
Vehicle parts and equipment other than tires <sup>1, 3</sup> . . . . .		2.8	1.0	0.4	0.9	1.0
Motor oil, coolant, and fluids <sup>1, 3</sup> . . . . .		3.3	-0.5	1.1	1.1	-0.5
Medical care commodities . . . . .	1.733	0.4	-0.8	1.3	0.2	-1.1
Medicinal drugs <sup>1, 8</sup> . . . . .	1.676	0.4	-0.8	0.8	0.4	-0.8
Prescription drugs . . . . .	1.333	0.9	-0.9	1.4	0.3	-1.0
Nonprescription drugs <sup>1, 8</sup> . . . . .	0.343	-1.6	-0.6	0.0	0.3	-0.6
Medical equipment and supplies <sup>1, 8</sup> . . . . .	0.057	1.3	-0.2	2.5	0.0	-0.2
Recreation commodities <sup>8</sup> . . . . .	1.812	-2.7	0.2	-0.7	-0.2	0.2
Video and audio products <sup>8</sup> . . . . .	0.239	-13.0	-0.5	-0.8	-0.6	0.0
Televisions . . . . .	0.110	-18.2	-1.1	-1.7	-0.7	0.4
Other video equipment <sup>2</sup> . . . . .	0.027	-5.0	-1.8	0.1	-0.6	-2.7
Audio equipment <sup>1</sup> . . . . .	0.044	-12.7	0.6	0.7	-1.3	0.6
Recorded music and music subscriptions <sup>1, 2</sup> . . . . .	0.050	-3.8	0.2	-0.9	-0.1	0.2
Pets and pet products <sup>1</sup> . . . . .	0.600	0.4	-0.1	0.3	0.1	-0.1

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
Pet food <sup>1, 2, 3</sup> .....		0.3	-0.1	0.0	0.1	-0.1
Purchase of pets, pet supplies, accessories <sup>1, 2, 3</sup> .....		0.6	-0.1	0.6	0.2	-0.1
Sporting goods.....	0.493	0.7	0.9	-0.8	0.5	0.5
Sports vehicles including bicycles <sup>1</sup> .....	0.281	4.1	2.2	-1.8	0.7	2.2
Sports equipment.....	0.205	-3.5	-0.9	-0.8	0.5	-1.3
Photographic equipment and supplies.....	0.032	-6.5	0.9	-2.5	-5.7	-0.6
Film and photographic supplies <sup>1, 2, 3</sup> .....						
Photographic equipment <sup>2, 3</sup> .....		-4.9	1.3	-2.8	-4.8	-0.4
Recreational reading materials <sup>1</sup> .....	0.113	3.3	1.7	-0.3	-0.2	1.7
Newspapers and magazines <sup>1, 2</sup> .....	0.068	3.8	2.6	-0.6	0.2	2.6
Recreational books <sup>1, 2</sup> .....	0.045	2.4	0.3	0.1	-0.8	0.3
Other recreational goods <sup>2</sup> .....	0.335	-7.1	-0.4	-1.8	-0.7	0.1
Toys.....	0.265	-8.7	-0.7	-2.1	-1.1	0.0
Toys, games, hobbies and playground equipment <sup>1, 3</sup> .....		-8.3	-0.3	-2.4	-1.0	0.7
Sewing machines, fabric and supplies <sup>1, 2</sup> .....	0.024	5.6	-0.1	-0.3	1.8	-0.1
Music instruments and accessories <sup>1, 2</sup> .....	0.035	-2.2	1.0	-1.1	0.1	1.0
Education and communication commodities <sup>8</sup> .....	0.549	-4.0	-0.7	0.7	-0.9	-0.9
Educational books and supplies.....	0.132	1.9	0.5	3.7	-1.6	0.3
College textbooks <sup>1, 3, 11</sup> .....		1.6	0.5	3.3	-1.3	0.5
Information technology commodities <sup>8</sup> .....	0.417	-5.8	-1.1	-0.3	-0.6	-1.2
Personal computers and peripheral equipment <sup>4</sup> .....	0.315	-6.4	-1.8	0.2	-0.7	-2.0
Computer software and accessories <sup>1, 2</sup> .....	0.024	-4.8	1.2	-1.2	0.3	1.2
Telephone hardware, calculators, and other consumer information items <sup>1, 2</sup> .....	0.078	-4.1	1.0	-1.6	-0.6	1.0
Alcoholic beverages.....	0.961	1.5	-0.2	-0.2	0.5	-0.1
Alcoholic beverages at home.....	0.597	1.2	-0.3	-0.3	0.7	-0.3
Beer, ale, and other malt beverages at home.....	0.265	1.4	-0.6	0.0	0.8	-0.3
Distilled spirits at home.....	0.080	0.2	0.6	0.6	-0.1	0.4
Whiskey at home <sup>1, 3</sup> .....		-0.7	1.1	-0.2	0.8	1.1
Distilled spirits, excluding whiskey, at home <sup>1, 3</sup> .....		0.2	0.4	0.1	-0.9	0.4
Wine at home.....	0.252	1.3	-0.2	-0.8	0.7	-0.4
Alcoholic beverages away from home <sup>1</sup> .....	0.364	2.1	0.0	0.1	0.4	0.0
Beer, ale, and other malt beverages away from home <sup>1, 2, 3</sup> .....		1.8	0.1	0.1	0.3	0.1
Wine away from home <sup>1, 2, 3</sup> .....		2.4	0.2	-0.3	0.6	0.2
Distilled spirits away from home <sup>1, 2, 3</sup> .....		2.1	-0.2	0.2	0.1	-0.2
Other goods <sup>8</sup> .....	1.548	0.8	0.1	0.0	-0.4	0.0
Tobacco and smoking products.....	0.645	3.1	0.3	0.4	-0.4	0.1
Cigarettes <sup>2</sup> .....	0.572	3.1	0.3	0.5	-0.5	0.1
Tobacco products other than cigarettes <sup>1, 2</sup> .....	0.059	4.1	0.2	-0.8	0.7	0.2
Personal care products <sup>1</sup> .....	0.688	-0.2	0.1	-0.1	-0.4	0.1
Hair, dental, shaving, and miscellaneous personal care products <sup>1, 2</sup> .....	0.378	-0.3	0.1	-0.1	0.1	0.1
Cosmetics, perfume, bath, nail preparations and implements <sup>1</sup> .....	0.304	-0.1	0.1	-0.2	-0.9	0.1
Miscellaneous personal goods <sup>2</sup> .....	0.215	-3.0	-0.7	-1.0	-0.6	-0.4
Stationery, stationery supplies, gift wrap <sup>3</sup> .....		1.2	-1.3	0.3	0.4	0.2
Infants' equipment <sup>1, 3, 5</sup> .....		-5.8	-1.2	-2.9	-3.3	-1.2
Services less energy services.....	59.016	3.1	0.2	0.3	0.2	0.3
Shelter.....	32.720	3.5	0.3	0.3	0.1	0.3
Rent of shelter <sup>12</sup> .....	32.347	3.5	0.3	0.4	0.1	0.3
Rent of primary residence.....	7.761	3.6	0.3	0.3	0.3	0.3
Lodging away from home <sup>2</sup> .....	1.022	5.1	-0.3	2.9	-3.7	0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
Housing at school, excluding board <sup>12</sup> .....	0.111	2.0	0.1	0.1	0.2	0.1
Other lodging away from home including hotels and motels.....	0.911	5.2	-0.4	3.3	-4.1	0.4
Owners' equivalent rent of residences <sup>12</sup> .....	23.564	3.4	0.3	0.2	0.3	0.3
Owners' equivalent rent of primary residence <sup>12</sup> ..	22.249	3.4	0.3	0.3	0.3	0.3
Tenants' and household insurance <sup>1, 2</sup> .....	0.373	1.6	0.6	0.8	0.2	0.6
Water and sewer and trash collection services <sup>2</sup> .....	1.072	3.6	0.3	0.4	0.4	0.2
Water and sewerage maintenance.....	0.810	3.5	0.4	0.3	0.4	0.3
Garbage and trash collection <sup>1, 10</sup> .....	0.262	3.8	0.1	0.9	0.5	0.1
Household operations <sup>1, 2</sup> .....	0.869	5.8	0.4	0.6	0.3	0.4
Domestic services <sup>1, 2</sup> .....	0.298	2.3	0.1	1.2	-0.7	0.1
Gardening and lawncare services <sup>1, 2</sup> .....	0.288	8.0	0.2	0.0	1.1	0.2
Moving, storage, freight expense <sup>2</sup> .....	0.101	8.6	1.1	0.5	-1.4	1.2
Repair of household items <sup>1, 2</sup> .....	0.107	6.9	0.9	0.0	0.1	0.9
Medical care services.....	6.898	2.3	0.0	-0.1	0.5	0.1
Professional services.....	3.252	1.4	-0.1	-0.2	0.1	-0.1
Physicians' services.....	1.732	0.6	-0.2	0.1	0.0	-0.2
Dental services.....	0.788	3.1	-0.2	-0.5	0.3	-0.2
Eyeglasses and eye care <sup>1, 6</sup> .....	0.315	2.5	0.2	-0.4	0.2	0.2
Services by other medical professionals <sup>1, 6</sup> .....	0.417	0.7	0.0	0.1	0.1	0.0
Hospital and related services.....	2.598	4.3	0.2	0.4	0.7	0.4
Hospital services <sup>13</sup> .....	2.322	4.6	0.2	0.5	0.8	0.4
Inpatient hospital services <sup>13, 3</sup> .....		4.1	0.1	0.4	0.8	0.3
Outpatient hospital services <sup>3, 6</sup> .....		4.3	0.3	0.4	0.8	0.4
Nursing homes and adult day services <sup>13</sup> .....	0.190	2.8	0.1	0.4	0.2	0.2
Care of invalids and elderly at home <sup>1, 5</sup> .....	0.086	0.9	0.8	-0.5	0.2	0.8
Health insurance <sup>1, 5</sup> .....	1.048	0.0	-0.2	0.0	0.1	-0.2
Transportation services.....	5.982	4.0	-0.2	0.0	0.2	0.5
Leased cars and trucks <sup>1, 11</sup> .....	0.650	6.4	0.7	0.5	1.6	0.7
Car and truck rental <sup>2</sup> .....	0.117	-7.0	10.1	-3.0	1.5	1.7
Motor vehicle maintenance and repair <sup>1</sup> .....	1.109	2.3	0.1	0.2	0.3	0.1
Motor vehicle body work <sup>1</sup> .....	0.055	2.9	0.0	0.3	0.0	0.0
Motor vehicle maintenance and servicing <sup>1</sup> .....	0.623	2.9	0.2	0.3	0.3	0.2
Motor vehicle repair <sup>1, 2</sup> .....	0.368	1.3	0.0	-0.1	0.3	0.0
Motor vehicle insurance.....	2.376	7.4	0.0	0.4	0.3	0.2
Motor vehicle fees <sup>1, 2</sup> .....	0.538	1.5	0.1	0.5	-0.3	0.1
State motor vehicle registration and license fees <sup>1, 2</sup> .....	0.278	1.1	0.0	0.0	0.0	0.0
Parking and other fees <sup>1, 2</sup> .....	0.243	2.1	0.1	1.1	-0.7	0.1
Parking fees and tolls <sup>2, 3</sup> .....		1.5	0.2	0.1	0.3	-0.2
Automobile service clubs <sup>1, 2, 3</sup> .....			0.6	0.6	-0.5	0.6
Public transportation.....	1.192	-1.5	-2.9	-1.2	-0.8	1.7
Airline fares.....	0.739	-4.1	-5.0	-1.9	-0.9	2.7
Other intercity transportation.....	0.168	0.7	1.2	-1.2	-1.3	0.0
Intercity bus fare <sup>1, 3, 4</sup> .....		-0.4				
Intercity train fare <sup>1, 3, 4</sup> .....						
Ship fare <sup>1, 2, 3</sup> .....		0.7	0.4	-1.5	-0.4	0.4
Intracity transportation <sup>1</sup> .....	0.277	2.5	0.4	0.4	-1.0	0.4
Intracity mass transit <sup>1, 3, 8</sup> .....		4.4	0.4	0.0	0.1	0.4
Recreation services <sup>8</sup> .....	3.839	1.8	0.1	0.4	0.4	0.1
Video and audio services <sup>8</sup> .....	1.579	1.0	-0.1	0.1	-0.1	0.1
Cable and satellite television service <sup>10</sup> .....	1.492	0.8	-0.1	0.0	0.0	0.2
Video discs and other media, including rental of video <sup>1, 2</sup> .....	0.087	4.3	-0.4	0.9	-1.3	-0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
Video discs and other media <sup>1, 2, 3</sup> .....		2.4	-0.9	1.2	-2.5	-0.9
Rental of video discs and other media <sup>1, 2, 3</sup> .....		4.2	0.4	0.2	-0.2	0.4
Pet services including veterinary <sup>2</sup> .....	0.411	2.6	0.1	0.6	0.3	0.1
Pet services <sup>1, 2, 3</sup> .....		2.5	-1.2	2.5	0.1	-1.2
Veterinarian services <sup>2, 3</sup> .....		2.4	0.2	0.1	0.3	0.3
Photographers and photo processing <sup>1, 2</sup> .....	0.038	-1.8	-0.1	0.7	0.2	-0.1
Photographer fees <sup>1, 2, 3</sup> .....		0.8	0.0		0.3	0.0
Photo processing <sup>1, 2, 3</sup> .....		-7.4	-0.1	0.1	0.5	-0.1
Other recreation services <sup>2</sup> .....	1.810	2.4	0.2	0.5	0.8	0.2
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees <sup>1, 2</sup> .....	0.663	2.3	0.1	0.2	0.1	0.1
Admissions.....	0.662	2.9	0.3	1.1	1.8	0.3
Admission to movies, theaters, and concerts <sup>1, 2, 3</sup> .....		3.0	0.3	0.7	1.0	0.3
Admission to sporting events <sup>1, 2, 3</sup> .....		3.4	-0.3	2.1	2.9	-0.3
Fees for lessons or instructions <sup>1, 6</sup> .....	0.214	1.5	-0.3	-0.2	-0.1	-0.3
Education and communication services <sup>8</sup> .....	6.006	1.5	0.3	0.4	0.3	0.4
Tuition, other school fees, and childcare.....	2.838	2.2	0.3	0.2	0.3	0.3
College tuition and fees.....	1.568	2.0	0.5	0.2	0.3	0.5
Elementary and high school tuition and fees.....	0.325	3.9	0.7	0.1	0.4	0.6
Child care and nursery school <sup>9</sup> .....	0.797	1.5	-0.3	0.2	0.4	-0.2
Technical and business school tuition and fees <sup>2</sup> .....	0.032	3.1	0.8	0.6	0.2	0.7
Postage and delivery services <sup>2</sup> .....	0.108	2.5	0.1	0.4	0.2	0.2
Postage.....	0.094	2.0	0.0	0.4	0.2	0.2
Delivery services <sup>2</sup> .....	0.014	8.0	0.5	0.5	0.4	0.8
Telephone services <sup>1, 2</sup> .....	2.274	0.8	0.1	0.1	0.0	0.1
Wireless telephone services <sup>1, 2</sup> .....	1.704	0.6	0.0	0.1	0.0	0.0
Land-line telephone services <sup>1, 8</sup> .....	0.569	1.5	0.6	0.2	0.3	0.6
Internet services and electronic information providers <sup>2</sup> .....	0.778	0.8	0.4	1.5	1.3	1.3
Other personal services <sup>1, 8</sup> .....	1.631	3.3	0.1	0.1	0.3	0.1
Personal care services <sup>1</sup> .....	0.624	3.0	0.1	0.2	0.8	0.1
Haircuts and other personal care services <sup>1, 2</sup> .....	0.624	3.0	0.1	0.2	0.8	0.1
Miscellaneous personal services.....	1.006	3.6	0.1	0.0	-0.1	0.2
Legal services <sup>1, 6</sup> .....	0.304	3.6	-0.1	0.2	0.0	-0.1
Funeral expenses <sup>1, 6</sup> .....	0.127	2.1	0.3	0.2	0.2	0.3
Laundry and dry cleaning services <sup>1, 2</sup> .....	0.236	2.2	0.1	-0.1	0.3	0.1
Apparel services other than laundry and dry cleaning <sup>1, 2</sup> .....	0.028	0.6	0.8	0.1	0.7	0.8
Financial services <sup>6</sup> .....	0.240	5.6	0.2	0.1	-0.4	0.2
Checking account and other bank services <sup>1, 2, 3</sup> .....		9.9	0.0	0.0	0.0	0.0
Tax return preparation and other accounting fees <sup>2, 3</sup> .....		6.4	0.6	0.4	0.0	0.6

<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> Indexes on a December 2009=100 base.

<sup>9</sup> Indexes on a December 1990=100 base.

<sup>10</sup> Indexes on a December 1983=100 base.

<sup>11</sup> Indexes on a December 2001=100 base.

<sup>12</sup> Indexes on a December 1982=100 base.

<sup>13</sup> Indexes on a December 1996=100 base.



**Table 3. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, special aggregate indexes, July 2018**

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Jun. 2018	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Jul. 2017	Jun. 2018	Jul. 2018	Jul. 2017- Jul. 2018	Jun. 2018- Jul. 2018	Apr. 2018- May 2018	May 2018- Jun. 2018	Jun. 2018- Jul. 2018
All items less food.....	86.802	243.937	251.775	251.716	3.2	0.0	0.2	0.1	0.2
All items less shelter.....	67.280	226.729	233.054	232.755	2.7	-0.1	0.1	0.1	0.1
All items less food and shelter.....	54.082	220.586	227.608	227.132	3.0	-0.2	0.2	0.1	0.1
All items less food, shelter, and energy.....	45.931	226.339	229.953	229.748	1.5	-0.1	0.1	0.2	0.2
All items less food, shelter, energy, and used cars and trucks.....	43.529	231.632	235.517	235.146	1.5	-0.2	0.1	0.1	0.1
All items less medical care.....	91.369	233.688	240.756	240.812	3.0	0.0	0.2	0.1	0.2
All items less energy.....	91.849	250.981	256.325	256.545	2.2	0.1	0.2	0.2	0.2
Commodities.....	37.530	180.043	185.965	185.531	3.0	-0.2	0.2	0.1	0.0
Commodities less food, energy, and used cars and trucks.....	17.233	145.076	145.458	144.792	-0.2	-0.5	0.0	-0.1	0.0
Commodities less food.....	24.332	148.853	155.493	154.761	4.0	-0.5	0.2	0.1	0.0
Commodities less food and beverages.....	23.371	145.566	152.228	151.492	4.1	-0.5	0.2	0.1	0.0
Services.....	62.470	308.584	317.004	317.482	2.9	0.2	0.2	0.1	0.3
Services less rent of shelter <sup>1</sup> .....	30.122	330.288	337.420	337.460	2.2	0.0	0.1	0.1	0.1
Services less medical care services.....	55.572	293.556	301.716	302.229	3.0	0.2	0.3	0.1	0.2
Durables.....	9.968	105.298	104.636	104.864	-0.4	0.2	-0.3	0.2	0.5
Nondurables.....	27.562	217.668	227.922	227.018	4.3	-0.4	0.7	0.0	0.2
Nondurables less food.....	14.364	190.190	205.762	203.811	7.2	-0.9	1.1	0.0	0.2
Nondurables less food and beverages.....	13.403	186.810	203.036	200.994	7.6	-1.0	1.2	0.0	0.2
Nondurables less food, beverages, and apparel.....	10.335	231.039	255.799	254.009	9.9	-0.7	1.2	-1.0	0.5
Nondurables less food and apparel.....	11.296	231.138	253.990	252.330	9.2	-0.7	1.1	-0.8	0.5
Housing.....	41.649	251.870	258.710	259.268	2.9	0.2	0.2	0.0	0.2
Education and communication <sup>2</sup> .....	6.556	135.388	136.535	136.770	1.0	0.2	0.4	0.2	0.2
Education <sup>2</sup> .....	2.970	252.115	256.679	257.477	2.1	0.3	0.4	0.2	0.3
Communication <sup>2</sup> .....	3.585	74.131	74.129	74.171	0.1	0.1	0.4	0.2	0.2
Information and information processing <sup>2</sup> .....	3.478	70.281	70.228	70.267	0.0	0.1	0.4	0.2	0.2
Information technology, hardware and services <sup>3</sup> .....	1.204	7.611	7.489	7.481	-1.7	-0.1	0.9	0.6	0.4
Recreation <sup>2</sup> .....	5.651	118.863	119.145	119.272	0.3	0.1	0.0	0.2	0.2
Video and audio <sup>2</sup> .....	1.817	104.803	104.115	103.973	-0.8	-0.1	0.0	-0.1	0.1
Pets, pet products and services <sup>2</sup> .....	1.011	170.602	172.696	172.700	1.2	0.0	0.4	0.2	0.0
Photography <sup>2</sup> .....	0.072	75.923	72.656	72.913	-4.0	0.4	-0.9	-2.5	-0.3
Food and beverages.....	14.159	249.930	253.022	253.476	1.4	0.2	0.0	0.2	0.1
Domestically produced farm food.....	6.055	247.134	247.343	248.112	0.4	0.3	-0.2	0.1	0.2
Other services.....	11.475	346.663	352.454	353.050	1.8	0.2	0.3	0.3	0.3
Apparel less footwear.....	2.401	115.080	118.533	115.346	0.2	-2.7	0.2	-1.0	-0.7
Fuels and utilities.....	4.715	242.119	244.560	244.269	0.9	-0.1	0.1	-0.9	-0.2
Household energy.....	3.643	203.569	204.238	203.747	0.1	-0.2	-0.1	-1.3	-0.3
Medical care.....	8.631	476.126	486.019	485.193	1.9	-0.2	0.2	0.4	-0.2
Transportation.....	17.107	199.466	214.679	214.039	7.3	-0.3	0.4	0.4	0.3
Private transportation.....	15.915	194.419	210.184	209.959	8.0	-0.1	0.5	0.5	0.2
New and used motor vehicles <sup>2</sup> .....	7.005	99.120	99.447	100.071	1.0	0.6	-0.1	0.6	0.7
Utilities and public transportation.....	9.483	218.308	219.554	218.686	0.2	-0.4	-0.1	-0.5	0.0
Household furnishings and operations.....	4.214	120.526	121.408	121.480	0.8	0.1	-0.4	-0.1	0.3
Other goods and services.....	3.179	434.033	442.851	443.170	2.1	0.1	0.1	-0.1	0.0
Personal care.....	2.534	227.509	231.603	231.655	1.8	0.0	0.0	0.0	0.0

<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.

**Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index, July 2018**  
 [1982-84=100, unless otherwise noted]

Area	Pricing Schedule <sup>1</sup>	Percent change to Jul. 2018 from:			Percent change to Jun. 2018 from:		
		Jul. 2017	May 2018	Jun. 2018	Jun. 2017	Apr. 2018	May 2018
U.S. city average.....	M	2.9	0.2	0.0	2.9	0.6	0.2
<b>Region and area size<sup>2</sup></b>							
Northeast.....	M	2.7	0.0	0.0	2.6	0.5	0.0
Northeast - Size Class A.....	M	2.4	0.1	0.0	2.2	0.3	0.1
Northeast - Size Class B/C <sup>3</sup> .....	M	3.4	-0.1	-0.1	3.2	0.7	0.0
New England <sup>4</sup> .....	M		-0.1	0.0		0.3	-0.1
Middle Atlantic <sup>4</sup> .....	M		0.0	-0.1		0.5	0.1
Midwest.....	M	2.4	0.1	0.0	2.5	0.7	0.2
Midwest - Size Class A.....	M	2.3	0.2	-0.1	2.4	0.8	0.3
Midwest - Size Class B/C <sup>3</sup> .....	M	2.2	0.1	0.0	2.2	0.6	0.1
East North Central <sup>4</sup> .....	M		0.0	-0.1		0.5	0.1
West North Central <sup>4</sup> .....	M		0.5	0.1		0.9	0.3
South.....	M	2.9	0.2	0.0	2.7	0.5	0.2
South - Size Class A.....	M	3.2	0.3	0.0	3.0	0.8	0.3
South - Size Class B/C <sup>3</sup> .....	M	2.8	0.2	0.0	2.6	0.4	0.1
South Atlantic <sup>4</sup> .....	M		0.2	0.0		0.4	0.1
East South Central <sup>4</sup> .....	M		0.1	0.0		0.4	0.1
West South Central <sup>4</sup> .....	M		0.3	-0.1		0.8	0.4
West.....	M	3.6	0.3	0.1	3.6	0.6	0.2
West - Size Class A.....	M	3.9	0.4	0.2	3.8	0.5	0.2
West - Size Class B/C <sup>3</sup> .....	M	3.2	0.2	-0.1	3.2	0.8	0.2
Mountain <sup>4</sup> .....	M		0.0	-0.1		0.8	0.1
Pacific <sup>4</sup> .....	M		0.4	0.2		0.6	0.2
<b>Size classes</b>							
Size Class A <sup>5</sup> .....	M	3.0	0.2	0.0	2.9	0.6	0.2
Size Class B/C <sup>3</sup> .....	M	2.8	0.1	0.0	2.7	0.6	0.1
<b>Selected local areas</b>							
Chicago-Naperville-Elgin, IL-IN-WI.....	M	1.9	-0.4	-0.3	2.2	0.3	-0.2
Los Angeles-Long Beach-Anaheim, CA.....	M	3.9	-0.1	0.2	4.0	0.2	-0.2
New York-Newark-Jersey City, NY-NJ-PA.....	M	2.2	0.0	0.0	2.0	0.4	0.1
Atlanta-Sandy Springs-Roswell, GA.....	2				2.8	1.2	
Baltimore-Columbia-Towson, MD <sup>6</sup> .....	2					0.9	
Detroit-Warren-Dearborn, MI.....	2				3.6	1.3	
Houston-The Woodlands-Sugar Land, TX.....	2				3.0	1.0	
Miami-Fort Lauderdale-West Palm Beach, FL.....	2				4.2	0.5	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	2				1.9	0.2	
Phoenix-Mesa-Scottsdale, AZ <sup>7</sup> .....	2					1.1	
San Francisco-Oakland-Hayward, CA.....	2				3.9	0.9	
Seattle-Tacoma-Bellevue, WA.....	2				3.3	0.8	
St. Louis, MO-IL.....	2					0.9	
Urban Alaska.....	2					2.7	
Boston-Cambridge-Newton, MA-NH.....	1	3.4	0.3				
Dallas-Fort Worth-Arlington, TX.....	1	3.5	-0.2				
Denver-Aurora-Lakewood, CO.....	1		-0.2				
Minneapolis-St.Paul-Bloomington, MN-WI.....	1		0.3				
Riverside-San Bernardino-Ontario, CA <sup>4</sup> .....	1		0.2				
San Diego-Carlsbad, CA.....	1		2.1				
Tampa-St. Petersburg-Clearwater, FL <sup>8</sup> .....	1		0.3				
Urban Hawaii.....	1		0.4				
Washington-Arlington-Alexandria, DC-VA-MD-WV <sup>6</sup> .....	1	2.5	0.1				

<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 2017=100 base.

<sup>5</sup> Indexes on a December 1986=100 base.

<sup>6</sup> 1998 - 2017 indexes based on substantially smaller sample.

<sup>7</sup> Indexes on a December 2001=100 base.

<sup>8</sup> Indexes on a 1987=100 base.

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

**Table 5. Chained Consumer Price Index for All Urban Consumers (C-CPI-U) and the Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items index, July 2018**  
 [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
December 2014.....			0.5	0.8
December 2015.....			0.4	0.7
January 2016.....	0.1	0.2	1.1	1.4
February 2016.....	0.0	0.1	0.7	1.0
March 2016.....	0.5	0.4	0.5	0.9
April 2016.....	0.5	0.5	0.8	1.1
May 2016.....	0.4	0.4	0.7	1.0
June 2016.....	0.3	0.3	0.7	1.0
July 2016.....	-0.2	-0.2	0.5	0.8
August 2016.....	0.0	0.1	0.7	1.1
September 2016.....	0.2	0.2	1.1	1.5
October 2016.....	0.2	0.1	1.3	1.6
November 2016.....	-0.2	-0.2	1.4	1.7
December 2016.....	0.0	0.0	1.8	2.1
January 2017.....	0.6	0.6	2.3	2.5
February 2017.....	0.3	0.3	2.6	2.7
March 2017.....	0.0	0.1	2.1	2.4
April 2017.....	0.3	0.3	1.8	2.2
May 2017.....	0.1	0.1	1.5	1.9
June 2017.....	0.0	0.1	1.2	1.6
July 2017.....	-0.2	-0.1	1.3	1.7
August 2017.....	0.3	0.3	1.5	1.9
September 2017.....	0.5	0.5	1.9	2.2
October 2017.....	-0.1	-0.1	1.6	2.0
November 2017.....	0.0	0.0	1.8	2.2
December 2017.....	-0.1	-0.1	1.7	2.1
January 2018.....	0.5	0.5	1.6	2.1
February 2018.....	0.4	0.5	1.8	2.2
March 2018.....	0.2	0.2	2.0	2.4
April 2018.....	0.4	0.4	2.1	2.5
May 2018.....	0.4	0.4	2.4	2.8
June 2018.....	0.1	0.2	2.5	2.9
July 2018.....	0.0	0.0	2.7	2.9

<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.

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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	0.2		0.03	L-May 2018	0.2
Food.....	13.198	0.1	0.019	0.06	S-May 2018	0.0
Food at home.....	7.239	0.2	0.012	0.10	-	-
Cereals and bakery products.....	0.957	-0.2	-0.002	0.25	S-Apr.2018	-0.2
Cereals and cereal products.....	0.310	-0.2	-0.001	0.42	S-May 2018	-0.5
Flour and prepared flour mixes.....	0.041	-0.4	0.000	0.66	S-May 2018	-0.8
Breakfast cereal <sup>4</sup> .....	0.149	-0.4	-0.001	0.68	S-Feb.2018	-1.5
Rice, pasta, cornmeal <sup>4</sup> .....	0.120	0.5	0.001	0.76	S-May 2018	-0.7
Rice <sup>4, 5, 6</sup> .....		-0.7		1.21	S-May 2018	-0.8
Bakery products <sup>4</sup> .....	0.647	-0.3	-0.002	0.28	S-Apr.2018	-0.6
Bread <sup>4, 5</sup> .....	0.190	0.0	0.000	0.48	L-May 2018	1.5
White bread <sup>4, 6</sup> .....		0.0		0.59	L-May 2018	1.7
Bread other than white <sup>4, 6</sup> .....		0.4		0.81	L-May 2018	1.2
Fresh biscuits, rolls, muffins <sup>5</sup> .....	0.091	-0.6	-0.001	0.71	S-Jan.2018	-0.6
Cakes, cupcakes, and cookies.....	0.163	-0.9	-0.002	0.58	S-Apr.2015	-1.5
Cookies <sup>6</sup> .....		-1.7		0.93	S-Apr.2018	-2.4
Fresh cakes and cupcakes <sup>4, 6</sup> .....		-0.1		0.69	S-May 2018	-0.3
Other bakery products.....	0.203	0.1	0.000	0.53	S-May 2018	-0.3
Fresh sweetrolls, coffeecakes, doughnuts <sup>4, 6</sup> .....		3.1		0.74	L-Apr.1999	6.4
Crackers, bread, and cracker products <sup>6</sup> .....		0.6		0.95	S-May 2018	-1.7
Frozen and refrigerated bakery products, pies, tarts, turnovers <sup>6</sup> .....		-1.5		0.71	S-Dec.2016	-1.7
Meats, poultry, fish, and eggs.....	1.601	0.3	0.005	0.20	L-Apr.2018	0.7
Meats, poultry, and fish.....	1.509	0.3	0.005	0.21	L-Apr.2018	0.3
Meats.....	0.943	0.3	0.003	0.25	L-Apr.2018	0.5
Beef and veal.....	0.433	0.5	0.002	0.34	S-May 2018	-1.4
Uncooked ground beef <sup>4</sup> .....	0.171	0.3	0.001	0.53	S-May 2018	-2.1
Uncooked beef roasts <sup>4, 5</sup> .....	0.063	0.1	0.000	1.03	S-Jan.2018	-1.2
Uncooked beef steaks <sup>5</sup> .....	0.161	1.7	0.003	0.63	L-Dec.2017	1.9
Uncooked other beef and veal <sup>4, 5</sup> .....	0.038	-0.1	0.000	0.86	S-Oct.2017	-1.2
Pork.....	0.294	-0.3	-0.001	0.55	L-May 2018	-0.2
Bacon, breakfast sausage, and related products <sup>5</sup> .....	0.131	1.1	0.002	0.68	L-Aug.2017	1.4
Bacon and related products <sup>6</sup> .....		1.6		1.01	L-Aug.2017	3.4
Breakfast sausage and related products <sup>5, 6</sup> .....		0.9		1.08	L-Mar.2018	2.5
Ham.....	0.055	-1.7	-0.001	1.44	S-Feb.2018	-1.8
Ham, excluding canned <sup>6</sup> .....		-1.6		1.40	S-Feb.2018	-2.6
Pork chops <sup>4</sup> .....	0.043	-0.9	0.000	1.37	S-May 2018	-1.5
Other pork including roasts, steaks, and ribs <sup>5</sup> .....	0.065	-0.1	0.000	1.19	L-Mar.2018	0.6
Other meats.....	0.215	0.8	0.002	0.54	L-Mar.2018	1.0
Frankfurters <sup>6</sup> .....		-0.4		1.43	L-Apr.2018	3.8
Lunchmeats <sup>5, 6</sup> .....		0.9		0.54	L-Mar.2018	1.2
Lamb and organ meats <sup>4, 6</sup> .....						
Lamb and mutton <sup>4, 5, 6</sup> .....						
Poultry <sup>4</sup> .....	0.317	0.6	0.002	0.52	L-Dec.2017	1.6
Chicken <sup>4, 5</sup> .....	0.259	0.7	0.002	0.62	L-Mar.2018	0.8
Fresh whole chicken <sup>4, 6</sup> .....		0.9		1.14	L-Mar.2018	0.9
Fresh and frozen chicken parts <sup>4, 6</sup> .....		0.5		0.71	L-Mar.2018	0.8
Other uncooked poultry including turkey <sup>5</sup> .....	0.057	0.3	0.000	0.89	L-May 2018	0.9
Fish and seafood.....	0.249	0.1	0.000	0.51	S-May 2018	-0.5
Fresh fish and seafood <sup>5</sup> .....	0.129	-0.7	-0.001	0.75	S-May 2018	-0.8
Processed fish and seafood <sup>5</sup> .....	0.120	0.3	0.000	0.64	L-Apr.2018	0.3

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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		1.05	L-Mar.2018	3.9
Frozen fish and seafood <sup>6</sup> .....		-0.6		1.10	L-Apr.2018	1.4
Eggs.....	0.092	-0.2	0.000	0.90	L-Apr.2018	7.1
Dairy and related products.....	0.725	-0.6	-0.004	0.28	S-Mar.2017	-0.6
Milk <sup>4, 5</sup> .....	0.199	-0.8	-0.002	0.38	S-Mar.2018	-1.3
Fresh whole milk <sup>6</sup> .....		-0.8		0.56	S-Mar.2018	-0.9
Fresh milk other than whole <sup>5, 6</sup> .....		-1.9		0.51	S-Feb.2015	-2.3
Cheese and related products.....	0.239	-1.0	-0.002	0.51	S-Feb.2018	-1.0
Ice cream and related products.....	0.102	-0.2	0.000	0.75	S-Apr.2018	-0.6
Other dairy and related products <sup>4, 5</sup> .....	0.185	1.1	0.002	0.56	L-Jul.2017	1.3
Fruits and vegetables.....	1.270	1.0	0.012	0.30	L-Apr.2018	1.0
Fresh fruits and vegetables.....	0.999	1.3	0.014	0.36	L-Apr.2017	2.4
Fresh fruits.....	0.542	0.9	0.005	0.45	S-May 2018	-0.8
Apples.....	0.076	1.7	0.001	1.15	L-Apr.2018	2.0
Bananas <sup>4</sup> .....	0.080	0.8	0.001	0.64	L-Mar.2018	0.9
Citrus fruits <sup>5</sup> .....	0.161	0.2	0.000	0.75	L-Feb.2018	1.4
Oranges, including tangerines <sup>6</sup> .....		-1.0		1.25	S-Mar.2018	-2.7
Other fresh fruits <sup>5</sup> .....	0.225	1.3	0.003	0.73	S-May 2018	-0.9
Fresh vegetables.....	0.457	1.9	0.009	0.56	L-Apr.2017	4.3
Potatoes.....	0.077	0.4	0.000	1.22	S-May 2018	0.1
Lettuce.....	0.055	6.3	0.004	1.62	L-Apr.2017	16.2
Tomatoes <sup>4</sup> .....	0.076	0.5	0.000	1.10	S-May 2018	-4.1
Other fresh vegetables.....	0.249	1.7	0.004	0.69	L-Apr.2017	3.3
Processed fruits and vegetables <sup>5</sup> .....	0.271	-0.5	-0.001	0.44	S-May 2018	-1.1
Canned fruits and vegetables <sup>5</sup> .....	0.148	-0.7	-0.001	0.65	S-Feb.2018	-1.1
Canned fruits <sup>5, 6</sup> .....		-0.7		0.78	L-May 2018	0.4
Canned vegetables <sup>5, 6</sup> .....		-0.5		0.77	S-Feb.2018	-1.3
Frozen fruits and vegetables <sup>5</sup> .....	0.078	0.4	0.000	0.83	L-Feb.2018	1.4
Frozen vegetables <sup>6</sup> .....		0.3		1.00	L-Feb.2018	0.3
Other processed fruits and vegetables including dried <sup>5</sup> .....	0.045	-1.1	-0.001	0.76	S-Jan.2018	-1.1
Dried beans, peas, and lentils <sup>4, 5, 6</sup> .....		-1.2		0.80	S-Mar.2018	-2.1
Nonalcoholic beverages and beverage materials.....	0.856	0.0	0.000	0.36	S-Apr.2018	-0.6
Juices and nonalcoholic drinks <sup>5</sup> .....	0.604	-0.2	-0.001	0.41	S-Apr.2018	-0.2
Carbonated drinks.....	0.252	-1.1	-0.003	0.77	S-Jul.2017	-1.1
Frozen noncarbonated juices and drinks <sup>4, 5</sup> .....	0.009	0.7	0.000	0.73	L-Dec.2017	1.7
Nonfrozen noncarbonated juices and drinks <sup>5</sup> .....	0.343	0.4	0.001	0.51	—	—
Beverage materials including coffee and tea <sup>5</sup> .....	0.252	0.1	0.000	0.61	—	—
Coffee.....	0.163	-0.2	0.000	0.77	S-Apr.2018	-1.3
Roasted coffee <sup>6</sup> .....		-0.2		1.08	S-Apr.2018	-1.3
Instant coffee <sup>4, 6</sup> .....		1.1		0.71	L-Mar.2018	2.0
Other beverage materials including tea <sup>4, 5</sup> .....	0.089	1.7	0.002	0.99	L-Oct.2017	2.1
Other food at home.....	1.831	0.1	0.002	0.20	—	—
Sugar and sweets <sup>4</sup> .....	0.277	-0.8	-0.002	0.49	S-Apr.2018	-0.8
Sugar and artificial sweeteners.....	0.043	-0.4	0.000	0.67	S-Apr.2018	-0.5
Candy and chewing gum <sup>4, 5</sup> .....	0.181	-0.9	-0.002	0.69	S-Apr.2018	-1.4
Other sweets <sup>5</sup> .....	0.054	-0.6	0.000	0.84	S-May 2018	-2.0
Fats and oils.....	0.213	0.6	0.001	0.44	L-Apr.2018	1.0
Butter and margarine <sup>5</sup> .....	0.060	0.3	0.000	0.88	L-Apr.2018	2.0
Butter <sup>6</sup> .....		-0.2		1.01	S-May 2018	-1.2
Margarine <sup>6</sup> .....		0.7		0.98	L-Mar.2018	1.4
Salad dressing <sup>5</sup> .....	0.050	0.8	0.000	1.03	L-Feb.2018	0.8
Other fats and oils including peanut butter <sup>5</sup> .....	0.102	0.8	0.001	0.56	L-Feb.2018	1.1

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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> .....		-2.9		0.63	S-Dec.2017	-4.0
Other foods.....	1.341	0.2	0.003	0.25	L-Nov.2017	0.4
Soups.....	0.085	0.1	0.000	1.07	L-May 2018	0.4
Frozen and freeze dried prepared foods <sup>4</sup> .....	0.235	0.0	0.000	0.54	S-May 2018	0.0
Snacks <sup>4</sup> .....	0.309	0.6	0.002	0.72	L-Apr.2018	0.6
Spices, seasonings, condiments, sauces.....	0.270	-0.4	-0.001	0.54	S-Feb.2018	-1.1
Salt and other seasonings and spices <sup>5, 6</sup> .....		0.5		0.96	S-May 2018	-0.1
Olives, pickles, relishes <sup>4, 5, 6</sup> .....		-0.4		1.31	S-Mar.2018	-2.0
Sauces and gravies <sup>5, 6</sup> .....		-2.0		0.81	S-Dec.2010	-2.6
Other condiments <sup>6</sup> .....		-0.1		0.65	S-Apr.2018	-0.8
Baby food <sup>4, 5</sup> .....	0.049	-0.7	0.000	0.52	S-Mar.2017	-0.8
Other miscellaneous foods <sup>4, 5</sup> .....	0.394	0.7	0.003	0.41	L-Feb.2018	0.9
Prepared salads <sup>4, 7, 6</sup> .....		0.0		0.76	—	—
Food away from home <sup>4</sup> .....	5.959	0.1	0.007	0.04	S-Mar.2018	0.1
Full service meals and snacks <sup>4, 5</sup> .....	2.963	0.2	0.006	0.04	L-May 2018	0.4
Limited service meals and snacks <sup>4, 5</sup> .....	2.532	0.0	0.000	0.07	S-Nov.2016	0.0
Food at employee sites and schools <sup>5</sup> .....	0.179	1.8	0.003	0.38	L-Dec.2017	2.4
Food at elementary and secondary schools <sup>4, 8, 6</sup> .....						
Food from vending machines and mobile vendors <sup>4, 5</sup> .....	0.090	0.3	0.000	0.11	S-May 2018	-0.2
Other food away from home <sup>4, 5</sup> .....	0.195	0.2	0.000	0.09	L-Apr.2018	2.3
Energy.....	8.151	-0.5	-0.039	0.08	S-Mar.2018	-2.8
Energy commodities.....	4.697	-0.6	-0.026	0.13	S-Mar.2018	-4.7
Fuel oil and other fuels.....	0.189	0.7	0.001	0.33	S-May 2018	0.0
Fuel oil.....	0.116	1.2	0.001	0.43	S-May 2018	-0.7
Propane, kerosene, and firewood <sup>9</sup> .....	0.073	0.1	0.000	0.48	L-May 2018	1.2
Motor fuel.....	4.509	-0.6	-0.027	0.13	S-Mar.2018	-4.9
Gasoline (all types).....	4.415	-0.6	-0.026	0.13	S-Mar.2018	-4.9
Gasoline, unleaded regular <sup>6</sup> .....		-1.3		0.51	S-Mar.2018	-4.8
Gasoline, unleaded midgrade <sup>10, 6</sup> .....		-0.7		0.51	S-Mar.2018	-3.7
Gasoline, unleaded premium <sup>6</sup> .....		-0.8		0.44	S-Mar.2018	-4.5
Other motor fuels <sup>5</sup> .....	0.094	-0.2	0.000	0.15	S-Mar.2018	-1.9
Energy services.....	3.454	-0.4	-0.013	0.08	L-May 2018	-0.1
Electricity.....	2.697	-0.4	-0.010	0.10	L-May 2018	0.1
Utility (piped) gas service.....	0.757	-0.5	-0.004	0.08	L-Apr.2018	-0.4
All items less food and energy.....	78.651	0.2	0.192	0.03	—	—
Commodities less food and energy commodities.....	19.635	0.1	0.023	0.08	L-Feb.2018	0.1
Household furnishings and supplies <sup>11</sup> .....	3.345	0.3	0.010	0.16	L-Apr.2018	0.6
Window and floor coverings and other linens <sup>4, 5</sup> .....	0.258	-0.6	-0.001	0.75	L-Apr.2018	-0.2
Floor coverings <sup>4, 5</sup> .....	0.056	-1.7	-0.001	0.56	S-Dec.2017	-1.9
Window coverings <sup>4, 5</sup> .....	0.046	-0.5	0.000	0.88	L-Apr.2018	1.3
Other linens <sup>4, 5</sup> .....	0.156	-0.2	0.000	1.15	S-May 2018	-1.6
Furniture and bedding.....	0.883	-0.1	-0.001	0.34	S-May 2018	-0.3
Bedroom furniture <sup>4</sup> .....	0.319	0.4	0.001	0.52	S-May 2018	-0.8
Living room, kitchen, and dining room furniture <sup>4, 5</sup> .....	0.428	-1.1	-0.005	0.45	S-Nov.2016	-1.4
Other furniture <sup>5</sup> .....	0.124	-0.8	-0.001	0.71	S-May 2018	-1.7
Infants' furniture <sup>4, 8, 6</sup> .....		-0.6		0.74	S-Mar.2018	-4.2
Appliances <sup>5</sup> .....	0.213	1.5	0.003	0.55	L-Apr.2018	2.1
Major appliances <sup>5</sup> .....	0.078	3.5	0.003	0.70	L-Apr.2018	4.8
Laundry equipment <sup>6</sup> .....		0.3		1.18	S-Mar.2018	-0.6
Other appliances <sup>5</sup> .....	0.131	0.2	0.000	0.63	—	—
Other household equipment and furnishings <sup>5</sup> .....	0.502	0.4	0.002	0.48	L-Feb.2018	0.4
Clocks, lamps, and decorator items <sup>4</sup> .....	0.274	0.3	0.001	0.76	L-Nov.2017	1.8

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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>12</sup> .....	0.092	0.9	0.001	0.68	L-Mar.2018	1.9
Dishes and flatware <sup>4, 5</sup> .....	0.054	-1.0	-0.001	1.49	L-May 2018	1.1
Nonelectric cookware and tableware <sup>5</sup> .....	0.081	-1.0	-0.001	0.75	L-May 2018	0.3
Tools, hardware, outdoor equipment and supplies <sup>5</sup> ....	0.663	0.4	0.003	0.24	L-Feb.2018	0.4
Tools, hardware and supplies <sup>4, 5</sup> .....	0.196	0.1	0.000	0.35	S-May 2018	-0.9
Outdoor equipment and supplies <sup>5</sup> .....	0.306	0.5	0.002	0.30	L-Oct.2017	0.5
Housekeeping supplies <sup>4</sup> .....	0.827	0.6	0.005	0.24	L-Apr.2018	0.6
Household cleaning products <sup>5</sup> .....	0.329	0.4	0.001	0.39	—	—
Household paper products <sup>4, 5</sup> .....	0.216	1.4	0.003	0.38	L-Jul.2010	1.4
Miscellaneous household products <sup>4, 5</sup> .....	0.282	0.6	0.002	0.41	—	—
Apparel.....	3.069	-0.3	-0.011	0.39	L-May 2018	0.0
Men's and boys' apparel.....	0.749	0.6	0.004	0.72	L-Feb.2018	1.7
Men's apparel.....	0.584	1.7	0.010	0.78	L-Jan.2017	2.6
Men's suits, sport coats, and outerwear.....	0.103	2.5	0.003	1.68	L-Oct.2017	3.2
Men's furnishings.....	0.150	5.3	0.008	1.45	L-EVER	—
Men's shirts and sweaters <sup>5</sup> .....	0.169	0.7	0.001	1.22	L-Feb.2018	4.3
Men's pants and shorts.....	0.155	-2.4	-0.004	1.28	S-Mar.2017	-5.4
Boys' apparel.....	0.164	-3.0	-0.005	1.44	S-Oct.2017	-4.8
Women's and girls' apparel.....	1.267	-1.8	-0.023	0.60	S-Mar.2018	-2.1
Women's apparel.....	1.092	-2.0	-0.022	0.65	S-Mar.2018	-2.5
Women's outerwear.....	0.069	-1.0	-0.001	2.13	S-May 2018	-2.5
Women's dresses.....	0.131	0.8	0.001	1.42	L-Apr.2018	2.9
Women's suits and separates <sup>5</sup> .....	0.586	-2.9	-0.017	0.87	S-Mar.2018	-4.0
Women's underwear, nightwear, sportswear and accessories <sup>5</sup> .....	0.293	0.9	0.003	1.10	L-Feb.2018	1.1
Girls' apparel.....	0.175	-0.7	-0.001	1.49	L-May 2018	-0.2
Footwear.....	0.667	1.1	0.007	0.57	L-Mar.2018	1.2
Men's footwear <sup>4</sup> .....	0.213	1.3	0.003	0.96	L-Mar.2018	2.1
Boys' and girls' footwear.....	0.155	4.3	0.007	1.01	L-Sep.2010	4.5
Women's footwear.....	0.300	-1.6	-0.005	0.80	S-Apr.2018	-2.5
Infants' and toddlers' apparel.....	0.138	-2.4	-0.003	1.24	S-Nov.2017	-3.0
Jewelry and watches <sup>9</sup> .....	0.248	1.6	0.004	1.00	L-Mar.2018	1.8
Watches <sup>4, 9</sup> .....	0.096	2.2	0.002	1.52	L-Jan.2018	2.4
Jewelry <sup>9</sup> .....	0.152	2.1	0.003	1.22	L-Feb.2017	2.5
Transportation commodities less motor fuel <sup>11</sup> .....	6.617	0.7	0.044	0.09	L-Jun.2011	0.8
New vehicles.....	3.723	0.3	0.013	0.15	S-May 2018	0.3
New cars and trucks <sup>5, 6</sup> .....		0.3		0.23	S-Apr.2018	-0.5
New cars <sup>6</sup> .....		0.5		0.24	L-May 2018	0.5
New trucks <sup>13, 6</sup> .....		0.2		0.21	S-Apr.2018	-0.6
Used cars and trucks.....	2.401	1.3	0.031	0.02	L-Jun.2011	1.4
Motor vehicle parts and equipment <sup>4</sup> .....	0.378	0.0	0.000	0.28	S-Apr.2018	-0.3
Tires <sup>4</sup> .....	0.224	-0.4	-0.001	0.38	L-May 2018	0.8
Vehicle accessories other than tires <sup>4, 5</sup> .....	0.155	0.6	0.001	0.44	S-May 2018	0.2
Vehicle parts and equipment other than tires <sup>4, 6</sup> ....		1.0		0.38	L-Mar.2018	1.2
Motor oil, coolant, and fluids <sup>4, 6</sup> .....		-0.5		0.90	S-Feb.2018	-0.9
Medical care commodities.....	1.733	-1.1	-0.020	0.25	S-EVER	—
Medicinal drugs <sup>4, 11</sup> .....	1.676	-0.8	-0.014	0.26	S-Sep.2017	-0.9
Prescription drugs.....	1.333	-1.0	-0.013	0.29	S-EVER	—
Nonprescription drugs <sup>4, 11</sup> .....	0.343	-0.6	-0.002	0.43	S-Jan.2018	-0.8
Medical equipment and supplies <sup>4, 11</sup> .....	0.057	-0.2	0.000	0.50	S-Apr.2018	-0.3
Recreation commodities <sup>11</sup> .....	1.812	0.2	0.004	0.17	L-Mar.2018	0.3
Video and audio products <sup>11</sup> .....	0.239	0.0	0.000	0.49	L-Jun.2017	0.5
Televisions.....	0.110	0.4	0.000	0.81	L-Jun.2017	1.9

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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
Other video equipment <sup>5</sup> .....	0.027	-2.7	-0.001	0.85	S-Mar.2012	-3.0
Audio equipment <sup>4</sup> .....	0.044	0.6	0.000	0.71	L-May 2018	0.7
Recorded music and music subscriptions <sup>4, 5</sup> .....	0.050	0.2	0.000	0.85	L-Mar.2018	0.3
Pets and pet products <sup>4</sup> .....	0.600	-0.1	0.000	0.23	S-Feb.2018	-0.1
Pet food <sup>4, 5, 6</sup> .....		-0.1		0.31	S-Nov.2017	-1.0
Purchase of pets, pet supplies, accessories <sup>4, 5, 6</sup> .....		-0.1		0.39	S-Feb.2018	-0.7
Sporting goods.....	0.493	0.5	0.002	0.29	—	—
Sports vehicles including bicycles <sup>4</sup> .....	0.281	2.2	0.006	0.34	L-Apr.2016	2.3
Sports equipment.....	0.205	-1.3	-0.003	0.47	S-Feb.2018	-1.5
Photographic equipment and supplies.....	0.032	-0.6	0.000	0.66	L-Apr.2018	1.0
Film and photographic supplies <sup>4, 5, 6</sup> .....						
Photographic equipment <sup>5, 6</sup> .....		-0.4		0.69	L-Apr.2018	1.0
Recreational reading materials <sup>4</sup> .....	0.113	1.7	0.002	0.64	L-Mar.2018	1.8
Newspapers and magazines <sup>4, 5</sup> .....	0.068	2.6	0.002	0.95	L-Mar.2018	3.6
Recreational books <sup>4, 5</sup> .....	0.045	0.3	0.000	0.97	L-Apr.2018	1.9
Other recreational goods <sup>5</sup> .....	0.335	0.1	0.000	0.46	L-Feb.2018	0.3
Toys.....	0.265	0.0	0.000	0.52	L-Feb.2018	0.6
Toys, games, hobbies and playground equipment <sup>5, 6</sup> .....		0.7		0.55	L-Feb.2012	1.4
Sewing machines, fabric and supplies <sup>4, 5</sup> .....	0.024	-0.1	0.000	1.10	S-May 2018	-0.3
Music instruments and accessories <sup>4, 5</sup> .....	0.035	1.0	0.000	0.68	L-Jul.2017	1.7
Education and communication commodities <sup>11</sup> .....	0.549	-0.9	-0.005	0.36	—	—
Educational books and supplies.....	0.132	0.3	0.000	0.60	L-May 2018	3.7
College textbooks <sup>4, 14, 6</sup> .....		0.5		0.58	L-May 2018	3.3
Information technology commodities <sup>11</sup> .....	0.417	-1.2	-0.005	0.43	S-Feb.2018	-1.2
Personal computers and peripheral equipment <sup>7</sup> .....	0.315	-2.0	-0.006	0.59	S-Aug.2011	-2.2
Computer software and accessories <sup>4, 5</sup> .....	0.024	1.2	0.000	1.10	L-Jan.2018	2.9
Telephone hardware, calculators, and other consumer information items <sup>4, 5</sup> .....	0.078	1.0	0.001	0.70	L-Jan.2018	2.5
Alcoholic beverages.....	0.961	-0.1	-0.001	0.14	S-May 2018	-0.2
Alcoholic beverages at home.....	0.597	-0.3	-0.002	0.22	S-May 2018	-0.3
Beer, ale, and other malt beverages at home.....	0.265	-0.3	-0.001	0.27	S-Jan.2018	-0.4
Distilled spirits at home.....	0.080	0.4	0.000	0.37	L-May 2018	0.6
Whiskey at home <sup>4, 6</sup> .....		1.1		0.54	L-Mar.2017	1.2
Distilled spirits, excluding whiskey, at home <sup>4, 6</sup> .....		0.4		0.50	L-Jan.2018	1.2
Wine at home.....	0.252	-0.4	-0.001	0.46	S-May 2018	-0.8
Alcoholic beverages away from home <sup>4</sup> .....	0.364	0.0	0.000	0.12	S-Sep.2017	-0.1
Beer, ale, and other malt beverages away from home <sup>1, 5, 6</sup> .....		0.1		0.18	S-May 2018	0.1
Wine away from home <sup>4, 5, 6</sup> .....		0.2		0.18	S-May 2018	-0.3
Distilled spirits away from home <sup>4, 5, 6</sup> .....		-0.2		0.15	S-Dec.2015	-0.2
Other goods <sup>11</sup> .....	1.548	0.0	0.001	0.16	L-May 2018	0.0
Tobacco and smoking products.....	0.645	0.1	0.001	0.14	L-May 2018	0.4
Cigarettes <sup>5</sup> .....	0.572	0.1	0.001	0.15	L-May 2018	0.5
Tobacco products other than cigarettes <sup>4, 5</sup> .....	0.059	0.2	0.000	0.33	S-May 2018	-0.8
Personal care products <sup>4</sup> .....	0.688	0.1	0.001	0.30	L-Feb.2018	0.1
Hair, dental, shaving, and miscellaneous personal care products <sup>4, 5</sup> .....	0.378	0.1	0.000	0.37	—	—
Cosmetics, perfume, bath, nail preparations and implements <sup>4</sup> .....	0.304	0.1	0.000	0.45	L-Apr.2018	0.7
Miscellaneous personal goods <sup>5</sup> .....	0.215	-0.4	-0.001	0.75	L-Apr.2018	0.9
Stationery, stationery supplies, gift wrap <sup>6</sup> .....		0.2		0.77	S-Mar.2018	0.1
Infants' equipment <sup>4, 8, 6</sup> .....		-1.2		0.46	L-Apr.2018	0.3

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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
Services less energy services.....	59.016	0.3	0.171	0.03	L-May 2018	0.3
Shelter.....	32.720	0.3	0.100	0.04	L-May 2018	0.3
Rent of shelter <sup>15</sup> .....	32.347	0.3	0.085	0.04	L-May 2018	0.4
Rent of primary residence.....	7.761	0.3	0.025	0.03	—	—
Lodging away from home <sup>5</sup> .....	1.022	0.4	0.004	1.24	L-May 2018	2.9
Housing at school, excluding board <sup>15</sup> .....	0.111	0.1	0.000	0.06	S-May 2018	0.1
Other lodging away from home including hotels and motels.....	0.911	0.4	0.004	1.45	L-May 2018	3.3
Owners' equivalent rent of residences <sup>15</sup> .....	23.564	0.3	0.069	0.03	—	—
Owners' equivalent rent of primary residence <sup>15</sup> .....	22.249	0.3	0.065	0.03	—	—
Tenants' and household insurance <sup>4, 5</sup> .....	0.373	0.6	0.002	0.13	L-May 2018	0.8
Water and sewer and trash collection services <sup>5</sup> .....	1.072	0.2	0.002	0.05	S-Mar.2018	0.2
Water and sewerage maintenance.....	0.810	0.3	0.002	0.06	S-May 2018	0.3
Garbage and trash collection <sup>4, 13</sup> .....	0.262	0.1	0.000	0.07	S-Mar.2018	0.1
Household operations <sup>4, 5</sup> .....	0.869	0.4	0.003	0.32	L-May 2018	0.6
Domestic services <sup>4, 5</sup> .....	0.298	0.1	0.000	0.04	L-May 2018	1.2
Gardening and lawncare services <sup>4, 5</sup> .....	0.288	0.2	0.001	0.05	S-May 2018	0.0
Moving, storage, freight expense <sup>5</sup> .....	0.101	1.2	0.001	1.97	L-Nov.2017	1.5
Repair of household items <sup>4, 5</sup> .....	0.107	0.9	0.001	0.23	L-Feb.2018	5.0
Medical care services.....	6.898	0.1	0.004	0.09	S-May 2018	-0.1
Professional services.....	3.252	-0.1	-0.004	0.10	S-May 2018	-0.2
Physicians' services.....	1.732	-0.2	-0.003	0.09	S-Nov.2017	-0.6
Dental services.....	0.788	-0.2	-0.001	0.11	S-May 2018	-0.5
Eyeglasses and eye care <sup>4, 9</sup> .....	0.315	0.2	0.001	0.31	—	—
Services by other medical professionals <sup>4, 9</sup> .....	0.417	0.0	0.000	0.09	S-Feb.2018	-0.8
Hospital and related services.....	2.598	0.4	0.009	0.12	S-May 2018	0.4
Hospital services <sup>16</sup> .....	2.322	0.4	0.008	0.13	S-Apr.2018	0.2
Inpatient hospital services <sup>16, 6</sup> .....		0.3		0.20	S-Apr.2018	0.1
Outpatient hospital services <sup>9, 6</sup> .....		0.4		0.32	S-May 2018	0.4
Nursing homes and adult day services <sup>16</sup> .....	0.190	0.2	0.000	0.12	—	—
Care of invalids and elderly at home <sup>4, 8</sup> .....	0.086	0.8	0.001	0.12	L-Feb.2018	0.8
Health insurance <sup>4, 8</sup> .....	1.048	-0.2	-0.002	0.08	S-Nov.2017	-0.3
Transportation services.....	5.982	0.5	0.032	0.13	L-Feb.2018	1.0
Leased cars and trucks <sup>4, 14</sup> .....	0.650	0.7	0.005	0.39	S-May 2018	0.5
Car and truck rental <sup>5</sup> .....	0.117	1.7	0.002	1.78	L-Mar.2018	3.0
Motor vehicle maintenance and repair <sup>4</sup> .....	1.109	0.1	0.001	0.15	S-Mar.2018	-0.1
Motor vehicle body work <sup>4</sup> .....	0.055	0.0	0.000	0.11	—	—
Motor vehicle maintenance and servicing <sup>4</sup> .....	0.623	0.2	0.001	0.24	S-Mar.2018	0.2
Motor vehicle repair <sup>4, 5</sup> .....	0.368	0.0	0.000	0.14	S-May 2018	-0.1
Motor vehicle insurance.....	2.376	0.2	0.004	0.17	S-Apr.2018	-0.2
Motor vehicle fees <sup>4, 5</sup> .....	0.538	0.1	0.000	0.12	L-May 2018	0.5
State motor vehicle registration and license fees <sup>4, 5</sup> .....	0.278	0.0	0.000	0.04	—	—
Parking and other fees <sup>4, 5</sup> .....	0.243	0.1	0.000	0.22	L-May 2018	1.1
Parking fees and tolls <sup>5, 6</sup> .....		-0.2		0.16	S-Dec.2017	-0.3
Automobile service clubs <sup>4, 5, 6</sup> .....		0.6		0.43	L-May 2018	0.6
Public transportation.....	1.192	1.7	0.020	0.36	L-May 2015	1.7
Airline fares.....	0.739	2.7	0.018	0.58	L-Jul.2013	4.9
Other intercity transportation.....	0.168	0.0	0.000	0.56	L-Apr.2018	0.1
Intercity bus fare <sup>4, 7, 6</sup> .....				0.98	—	—
Intercity train fare <sup>4, 7, 6</sup> .....						
Ship fare <sup>4, 5, 6</sup> .....		0.4		0.82	L-Mar.2018	1.6
Intracity transportation <sup>4</sup> .....	0.277	0.4	0.001	0.19	L-May 2018	0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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
Intracity mass transit <sup>4, 11, 6</sup> .....		0.4		0.15	L-Feb.2018	0.8
Recreation services <sup>11</sup> .....	3.839	0.1	0.006	0.16	S-Apr.2018	-0.4
Video and audio services <sup>11</sup> .....	1.579	0.1	0.002	0.15	L-May 2018	0.1
Cable and satellite television service <sup>13</sup> .....	1.492	0.2	0.003	0.14	L-Nov.2017	0.3
Video discs and other media, including rental of video <sup>7, 5</sup> .....	0.087	-0.4	0.000	1.26	L-May 2018	0.9
Video discs and other media <sup>4, 5, 6</sup> .....		-0.9		2.01	L-May 2018	1.2
Rental of video discs and other media <sup>4, 5, 6</sup> .....		0.4		0.14	L-Apr.2018	1.1
Pet services including veterinary <sup>5</sup> .....	0.411	0.1	0.000	0.11	S-Apr.2018	0.0
Pet services <sup>4, 5, 6</sup> .....		-1.2		0.10	S-Apr.1999	-1.6
Veterinarian services <sup>5, 6</sup> .....		0.3		0.13	—	—
Photographers and photo processing <sup>4, 5</sup> .....	0.038	-0.1	0.000	0.43	S-Mar.2018	-0.8
Photographer fees <sup>4, 5, 6</sup> .....		0.0		0.06	S-Mar.2018	-0.1
Photo processing <sup>4, 5, 6</sup> .....		-0.1		0.65	S-Apr.2018	-0.4
Other recreation services <sup>5</sup> .....	1.810	0.2	0.003	0.29	S-Apr.2018	-0.5
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees <sup>4, 5</sup> .....	0.663	0.1	0.001	0.22	—	—
Admissions.....	0.662	0.3	0.002	0.58	S-Apr.2018	-0.2
Admission to movies, theaters, and concerts <sup>7, 5, 6</sup> .....		0.3		0.46	S-Apr.2018	-0.6
Admission to sporting events <sup>4, 5, 6</sup> .....		-0.3		1.79	S-Mar.2018	-3.4
Fees for lessons or instructions <sup>4, 9</sup> .....	0.214	-0.3	-0.001	0.34	S-Apr.2018	-0.4
Education and communication services <sup>11</sup> .....	6.006	0.4	0.021	0.07	L-May 2018	0.4
Tuition, other school fees, and childcare.....	2.838	0.3	0.008	0.05	—	—
College tuition and fees.....	1.568	0.5	0.008	0.06	L-Sep.2017	0.5
Elementary and high school tuition and fees.....	0.325	0.6	0.002	0.08	L-Oct.2016	0.7
Child care and nursery school <sup>12</sup> .....	0.797	-0.2	-0.002	0.09	S-Jan.2014	-0.4
Technical and business school tuition and fees <sup>5</sup> .....	0.032	0.7	0.000	0.11	L-Aug.2017	0.7
Postage and delivery services <sup>5</sup> .....	0.108	0.2	0.000	0.02	—	—
Postage.....	0.094	0.2	0.000	0.00	—	—
Delivery services <sup>5</sup> .....	0.014	0.8	0.000	0.32	L-Jan.2018	1.5
Telephone services <sup>4, 5</sup> .....	2.274	0.1	0.003	0.12	L-May 2018	0.1
Wireless telephone services <sup>4, 5</sup> .....	1.704	0.0	0.000	0.10	—	—
Land-line telephone services <sup>4, 11</sup> .....	0.569	0.6	0.003	0.21	L-Dec.2017	0.7
Internet services and electronic information providers <sup>5</sup> .....	0.778	1.3	0.010	0.29	—	—
Other personal services <sup>4, 11</sup> .....	1.631	0.1	0.001	0.11	S-May 2018	0.1
Personal care services <sup>4</sup> .....	0.624	0.1	0.000	0.13	S-Nov.2017	-0.1
Haircuts and other personal care services <sup>4, 5</sup> .....	0.624	0.1	0.000	0.13	S-Nov.2017	-0.1
Miscellaneous personal services.....	1.006	0.2	0.002	0.11	L-Apr.2018	1.3
Legal services <sup>4, 9</sup> .....	0.304	-0.1	0.000	0.07	S-Sep.2017	-0.2
Funeral expenses <sup>4, 9</sup> .....	0.127	0.3	0.000	0.09	L-Apr.2018	0.3
Laundry and dry cleaning services <sup>4, 5</sup> .....	0.236	0.1	0.000	0.16	S-May 2018	-0.1
Apparel services other than laundry and dry cleaning <sup>4, 5</sup> .....	0.028	0.8	0.000	0.21	L-Jun.2017	1.1
Financial services <sup>9</sup> .....	0.240	0.2	0.000	0.32	L-Apr.2018	4.6
Checking account and other bank services <sup>4, 5, 6</sup> .....		0.0		0.02	—	—
Tax return preparation and other accounting fees <sup>7, 6</sup> .....		0.6		0.33	L-Apr.2018	7.9
<b>Special aggregate indexes</b>						
All items less food.....	86.802	0.2	0.152	0.03	L-May 2018	0.2

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

Expenditure category	Relative importance Jun. 2018	One Month				
		Seasonally adjusted percent change Jun. 2018-Jul. 2018	Seasonally adjusted effect on All Items Jun. 2018-Jul. 2018 <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 less shelter.....	67.280	0.1	0.071	0.03	-	-
All items less food and shelter.....	54.082	0.1	0.052	0.04	-	-
All items less food, shelter, and energy.....	45.931	0.2	0.092	0.05	-	-
All items less food, shelter, energy, and used cars and trucks.....	43.529	0.1	0.061	0.05	-	-
All items less medical care.....	91.369	0.2	0.187	0.03	L-May 2018	0.2
All items less energy.....	91.849	0.2	0.210	0.03	-	-
Commodities.....	37.530	0.0	0.016	0.05	S-Mar.2018	-0.6
Commodities less food, energy, and used cars and trucks.....	17.233	0.0	-0.008	0.09	L-May 2018	0.0
Commodities less food.....	24.332	0.0	-0.003	0.07	S-Mar.2018	-1.0
Commodities less food and beverages.....	23.371	0.0	-0.002	0.07	S-Mar.2018	-1.0
Services.....	62.470	0.3	0.157	0.03	L-Feb.2018	0.3
Services less rent of shelter <sup>15</sup> .....	30.122	0.1	0.039	0.05	-	-
Services less medical care services.....	55.572	0.2	0.131	0.04	L-May 2018	0.3
Durables.....	9.968	0.5	0.054	0.08	L-Oct.2009	1.2
Nondurables.....	27.562	0.2	0.065	0.07	L-May 2018	0.7
Nondurables less food.....	14.364	0.2	0.029	0.11	L-May 2018	1.1
Nondurables less food and beverages.....	13.403	0.2	0.030	0.12	L-May 2018	1.2
Nondurables less food, beverages, and apparel.....	10.335	0.5	0.051	0.09	L-May 2018	1.2
Nondurables less food and apparel.....	11.296	0.5	0.050	0.08	L-May 2018	1.1
Housing.....	41.649	0.2	0.103	0.04	L-May 2018	0.2
Education and communication <sup>5</sup> .....	6.556	0.2	0.016	0.07	-	-
Education <sup>5</sup> .....	2.970	0.3	0.008	0.06	L-May 2018	0.4
Communication <sup>5</sup> .....	3.585	0.2	0.008	0.11	-	-
Information and information processing <sup>5</sup> .....	3.478	0.2	0.008	0.12	-	-
Information technology, hardware and services <sup>17</sup> .....	1.204	0.4	0.005	0.25	S-Apr.2018	-0.6
Recreation <sup>5</sup> .....	5.651	0.2	0.010	0.11	-	-
Video and audio <sup>5</sup> .....	1.817	0.1	0.002	0.15	L-Sep.2017	0.4
Pets, pet products and services <sup>5</sup> .....	1.011	0.0	0.000	0.16	S-Feb.2018	-0.2
Photography <sup>5</sup> .....	0.072	-0.3	0.000	0.41	L-Apr.2018	0.6
Food and beverages.....	14.159	0.1	0.018	0.06	S-May 2018	0.0
Domestically produced farm food.....	6.055	0.2	0.010	0.11	L-Apr.2018	0.4
Other services.....	11.475	0.3	0.029	0.06	-	-
Apparel less footwear.....	2.401	-0.7	-0.018	0.45	L-May 2018	0.2
Fuels and utilities.....	4.715	-0.2	-0.010	0.06	L-May 2018	0.1
Household energy.....	3.643	-0.3	-0.012	0.08	L-May 2018	-0.1
Medical care.....	8.631	-0.2	-0.016	0.09	S-May 2013	-0.2
Transportation.....	17.107	0.3	0.049	0.06	S-Apr.2018	0.2
Private transportation.....	15.915	0.2	0.030	0.06	S-Mar.2018	-1.3
New and used motor vehicles <sup>5</sup> .....	7.005	0.7	0.051	0.10	L-Jun.2011	0.8
Utilities and public transportation.....	9.483	0.0	-0.002	0.07	L-Mar.2018	0.0
Household furnishings and operations.....	4.214	0.3	0.013	0.16	L-Apr.2018	0.5
Other goods and services.....	3.179	0.0	0.001	0.10	L-May 2018	0.1
Personal care <sup>4</sup> .....	2.534	0.0	0.001	0.13	-	-

<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)arger 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> 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.

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

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017- Jul. 2018	Unadjusted effect on All Items Jul. 2017- Jul. 2018 <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	2.9		0.07	-	-
Food.....	13.198	1.4	0.190	0.10	-	-
Food at home.....	7.239	0.4	0.026	0.16	-	-
Cereals and bakery products.....	0.957	0.5	0.004	0.30	-	-
Cereals and cereal products.....	0.310	-0.3	-0.001	0.62	S-May 2018	-0.7
Flour and prepared flour mixes.....	0.041	0.5	0.000	0.99	S-Mar.2018	-0.1
Breakfast cereal.....	0.149	-2.5	-0.004	0.85	S-Feb.2018	-3.1
Rice, pasta, cornmeal.....	0.120	2.1	0.002	1.11	L-Dec.2015	2.7
Rice <sup>4, 5</sup> .....		1.1		1.35	S-May 2018	1.0
Bakery products.....	0.647	0.9	0.005	0.37	L-Apr.2016	1.0
Bread <sup>4</sup> .....	0.190	1.0	0.002	0.66	L-Mar.2018	1.3
White bread <sup>5</sup> .....		0.2		0.89	L-May 2018	0.3
Bread other than white <sup>5</sup> .....		2.2		0.89	L-Nov.2015	3.0
Fresh biscuits, rolls, muffins <sup>4</sup> .....	0.091	1.6	0.002	1.07	-	-
Cakes, cupcakes, and cookies.....	0.163	1.5	0.003	0.68	S-May 2018	0.0
Cookies <sup>5</sup> .....		0.9		1.14	S-May 2018	-2.5
Fresh cakes and cupcakes <sup>5</sup> .....		1.6		1.11	S-Feb.2018	0.7
Other bakery products.....	0.203	-0.2	-0.001	0.71	S-May 2018	-0.8
Fresh sweetrolls, coffeecakes, doughnuts <sup>5</sup> .....		3.6		1.16	L-Feb.2016	3.6
Crackers, bread, and cracker products <sup>5</sup> .....		-0.9		1.24	L-Oct.2017	-0.5
Frozen and refrigerated bakery products, pies, tarts, turnovers <sup>5</sup> .....		-1.4		1.15	S-Jul.2016	-2.1
Meats, poultry, fish, and eggs.....	1.601	0.9	0.015	0.33	S-Sep.2017	0.4
Meats, poultry, and fish.....	1.509	0.0	0.000	0.32	S-Jun.2017	-0.3
Meats.....	0.943	-0.7	-0.008	0.39	S-Jun.2017	-1.0
Beef and veal.....	0.433	0.1	0.000	0.49	S-Jun.2017	-0.8
Uncooked ground beef.....	0.171	-1.6	-0.003	0.81	S-May 2017	-3.3
Uncooked beef roasts <sup>4</sup> .....	0.063	2.6	0.002	1.39	L-Apr.2018	3.7
Uncooked beef steaks <sup>4</sup> .....	0.161	0.4	0.001	0.91	S-Feb.2018	-0.4
Uncooked other beef and veal <sup>4</sup> .....	0.038	2.7	0.001	1.30	S-Jan.2018	2.6
Pork.....	0.294	-1.3	-0.004	0.79	S-Jan.2017	-3.5
Bacon, breakfast sausage, and related products <sup>4</sup> .....	0.131	-1.2	-0.002	1.01	L-May 2018	0.1
Bacon and related products <sup>5</sup> .....		-2.5		1.31	L-May 2018	-0.9
Breakfast sausage and related products <sup>4, 5</sup> .....		1.4		1.67	L-May 2018	2.4
Ham.....	0.055	-2.8	-0.002	1.82	S-Mar.2018	-2.8
Ham, excluding canned <sup>5</sup> .....		-2.3		2.30	S-Mar.2018	-2.8
Pork chops.....	0.043	2.3	0.001	1.89	S-May 2018	1.2
Other pork including roasts, steaks, and ribs <sup>4</sup> .....	0.065	-2.4	-0.002	1.73	-	-
Other meats.....	0.215	-1.8	-0.004	0.83	S-Apr.2017	-2.1
Frankfurters <sup>5</sup> .....		-1.1		2.43	S-Jun.2017	-2.0
Lunchmeats <sup>4, 5</sup> .....		-2.3		0.83	S-Feb.2017	-2.5
Lamb and organ meats <sup>5</sup> .....						
Lamb and mutton <sup>4, 5</sup> .....						
Poultry.....	0.317	1.2	0.004	0.72	L-Feb.2018	1.3
Chicken <sup>4</sup> .....	0.259	1.8	0.005	0.84	L-Apr.2018	2.5
Fresh whole chicken <sup>5</sup> .....		2.5		1.94	L-Apr.2018	3.5
Fresh and frozen chicken parts <sup>5</sup> .....		2.0		0.99	L-Apr.2018	2.6
Other uncooked poultry including turkey <sup>4</sup> .....	0.057	-1.4	-0.001	1.44	L-Dec.2017	-0.8
Fish and seafood.....	0.249	1.6	0.004	0.84	L-Apr.2018	3.8
Fresh fish and seafood <sup>4</sup> .....	0.129	2.4	0.003	1.17	S-May 2018	2.1
Processed fish and seafood <sup>4</sup> .....	0.120	0.9	0.001	0.98	L-Apr.2018	3.9
Shelf stable fish and seafood <sup>5</sup> .....		4.3		1.31	L-Apr.2018	5.8

See footnotes at end of table.

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

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017- Jul. 2018	Unadjusted effect on All Items Jul. 2017- Jul. 2018 <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> .....		-1.8		1.50	S-Mar.2018	-1.8
Eggs.....	0.092	16.7	0.016	1.47	L-May 2018	21.6
Dairy and related products.....	0.725	-0.4	-0.003	0.40	S-May 2018	-0.6
Milk <sup>4</sup> .....	0.199	-2.2	-0.004	0.70	S-May 2018	-2.6
Fresh whole milk <sup>5</sup> .....		-2.8		1.68	S-May 2018	-3.7
Fresh milk other than whole <sup>4, 5</sup> .....		-1.7		0.99	S-Mar.2018	-2.8
Cheese and related products.....	0.239	0.9	0.002	0.68	S-Apr.2018	0.9
Ice cream and related products.....	0.102	0.0	0.000	0.96	S-May 2018	-0.8
Other dairy and related products <sup>4</sup> .....	0.185	-0.3	-0.001	0.82	S-May 2018	-0.6
Fruits and vegetables.....	1.270	0.9	0.012	0.43	L-Feb.2018	2.1
Fresh fruits and vegetables.....	0.999	1.4	0.015	0.53	L-Feb.2018	3.1
Fresh fruits.....	0.542	1.9	0.011	0.68	—	—
Apples.....	0.076	-4.9	-0.005	1.75	S-Jun.2017	-4.9
Bananas.....	0.080	1.2	0.001	1.03	L-Jan.2012	2.5
Citrus fruits <sup>4</sup> .....	0.161	4.9	0.008	1.42	S-Sep.2017	2.2
Oranges, including tangerines <sup>5</sup> .....		2.8		2.18	S-Apr.2017	2.3
Other fresh fruits <sup>4</sup> .....	0.225	3.0	0.007	1.05	L-Feb.2018	4.0
Fresh vegetables.....	0.457	0.9	0.004	0.84	L-Mar.2018	1.1
Potatoes.....	0.077	1.3	0.001	2.08	—	—
Lettuce.....	0.055	1.6	0.001	2.35	L-Jan.2018	4.1
Tomatoes.....	0.076	1.4	0.001	1.67	L-Apr.2018	1.7
Other fresh vegetables.....	0.249	0.4	0.001	1.20	L-Mar.2018	1.0
Processed fruits and vegetables <sup>4</sup> .....	0.271	-1.0	-0.003	0.69	—	—
Canned fruits and vegetables <sup>4</sup> .....	0.148	0.1	0.000	0.87	S-Apr.2018	-0.1
Canned fruits <sup>4, 5</sup> .....		-1.4		1.19	L-May 2018	-0.5
Canned vegetables <sup>4, 5</sup> .....		1.4		1.24	S-May 2018	1.1
Frozen fruits and vegetables <sup>4</sup> .....	0.078	-2.8	-0.002	1.35	L-Apr.2018	-1.2
Frozen vegetables <sup>5</sup> .....		-3.4		1.67	L-May 2018	-3.4
Other processed fruits and vegetables including dried <sup>4</sup> .....	0.045	-1.3	-0.001	1.42	S-Mar.2018	-3.6
Dried beans, peas, and lentils <sup>4, 5</sup> .....		-2.7		2.11	S-Mar.2018	-4.0
Nonalcoholic beverages and beverage materials.....	0.856	-0.3	-0.003	0.43	L-Jan.2018	0.4
Juices and nonalcoholic drinks <sup>4</sup> .....	0.604	0.2	0.001	0.53	L-Jan.2018	0.8
Carbonated drinks.....	0.252	0.7	0.002	0.87	—	—
Frozen noncarbonated juices and drinks <sup>4</sup> .....	0.009	-2.3	0.000	1.12	S-Mar.2013	-2.5
Nonfrozen noncarbonated juices and drinks <sup>4</sup> .....	0.343	-0.1	0.000	0.64	L-Jan.2018	1.0
Beverage materials including coffee and tea <sup>4</sup> .....	0.252	-1.5	-0.004	0.77	L-Mar.2018	-1.2
Coffee.....	0.163	-2.4	-0.004	1.09	L-Mar.2018	-1.6
Roasted coffee <sup>5</sup> .....		-3.0		1.60	L-Mar.2018	-2.1
Instant coffee <sup>5</sup> .....		-4.2		1.65	L-Mar.2018	-3.5
Other beverage materials including tea <sup>4</sup> .....	0.089	0.0	0.000	1.01	L-May 2018	0.2
Other food at home.....	1.831	0.1	0.000	0.31	—	—
Sugar and sweets.....	0.277	-1.1	-0.003	0.70	S-Apr.2017	-1.2
Sugar and artificial sweeteners.....	0.043	-0.9	-0.001	0.87	S-May 2017	-1.1
Candy and chewing gum <sup>4</sup> .....	0.181	-0.8	-0.002	0.91	S-Sep.2017	-1.4
Other sweets <sup>4</sup> .....	0.054	-1.7	-0.001	1.22	S-Sep.2016	-2.0
Fats and oils.....	0.213	-0.5	-0.001	0.61	S-Feb.2017	-1.1
Butter and margarine <sup>4</sup> .....	0.060	-0.2	0.000	1.16	S-Feb.2017	-0.2
Butter <sup>5</sup> .....		1.2		1.57	S-Mar.2018	0.6
Margarine <sup>5</sup> .....		-2.4		1.43	L-Apr.2018	-2.0
Salad dressing <sup>4</sup> .....	0.050	-2.9	-0.002	1.37	S-Nov.2016	-4.3
Other fats and oils including peanut butter <sup>4</sup> .....	0.102	0.5	0.001	0.92	L-May 2018	0.5
Peanut butter <sup>4, 5</sup> .....		-1.9		1.06	S-Dec.2017	-3.5
Other foods.....	1.341	0.4	0.005	0.36	L-Dec.2017	0.4

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 2018, 12-month analysis table — Continued**  
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017-Jul. 2018	Unadjusted effect on All Items Jul. 2017-Jul. 2018 <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.....	0.085	-1.0	-0.001	1.65	S-May 2018	-1.2
Frozen and freeze dried prepared foods.....	0.235	-1.0	-0.002	0.89	S-May 2018	-1.3
Snacks.....	0.309	2.0	0.006	0.82	L-Jan.2016	2.8
Spices, seasonings, condiments, sauces.....	0.270	0.8	0.002	0.79	S-Apr.2018	0.2
Salt and other seasonings and spices <sup>4, 5</sup> .....		1.2		1.40	L-Mar.2018	2.0
Olives, pickles, relishes <sup>4, 5</sup> .....		3.2		1.68	S-May 2018	3.1
Sauces and gravies <sup>4, 5</sup> .....		1.7		1.16	S-Apr.2018	1.7
Other condiments <sup>5</sup> .....		-0.7		1.74	S-May 2018	-1.5
Baby food <sup>4</sup> .....	0.049	0.9	0.000	1.16	S-Apr.2018	0.1
Other miscellaneous foods <sup>4</sup> .....	0.394	-0.1	0.000	0.51	L-Feb.2018	0.2
Prepared salads <sup>6, 5</sup> .....		-0.7		1.26	S-Sep.2016	-1.1
Food away from home.....	5.959	2.8	0.164	0.10	—	—
Full service meals and snacks <sup>4</sup> .....	2.963	2.4	0.071	0.13	—	—
Limited service meals and snacks <sup>4</sup> .....	2.532	2.6	0.066	0.18	S-Oct.2017	2.6
Food at employee sites and schools <sup>4</sup> .....	0.179	7.8	0.015	0.63	L-Aug.2016	10.4
Food at elementary and secondary schools <sup>7, 5</sup> .....						
Food from vending machines and mobile vendors <sup>4</sup> .....	0.090	3.0	0.003	1.49	S-May 2018	1.9
Other food away from home <sup>4</sup> .....	0.195	4.8	0.010	0.53	L-May 2018	4.9
Energy.....	8.151	12.1	0.896	0.11	L-Feb.2017	15.2
Energy commodities.....	4.697	25.4	0.939	0.17	L-Feb.2017	29.8
Fuel oil and other fuels.....	0.189	22.1	0.039	0.91	L-Sep.2011	25.9
Fuel oil.....	0.116	34.7	0.032	1.08	L-Aug.2011	35.4
Propane, kerosene, and firewood <sup>6</sup> .....	0.073	7.0	0.007	1.58	S-Apr.2018	6.5
Motor fuel.....	4.509	25.4	0.900	0.18	L-Feb.2017	30.6
Gasoline (all types).....	4.415	25.4	0.882	0.18	L-Feb.2017	30.7
Gasoline, unleaded regular <sup>5</sup> .....		25.9		0.94	L-Feb.2017	31.7
Gasoline, unleaded midgrade <sup>9, 5</sup> .....		23.3		0.78	L-Feb.2017	28.9
Gasoline, unleaded premium <sup>5</sup> .....		22.0		0.79	L-Feb.2017	24.7
Other motor fuels <sup>4</sup> .....	0.094	30.1	0.018	0.28	L-Sep.2011	31.2
Energy services.....	3.454	-1.0	-0.042	0.15	S-Jun.2016	-2.5
Electricity.....	2.697	-0.8	-0.033	0.18	S-Jul.2016	-1.0
Utility (piped) gas service.....	0.757	-1.3	-0.010	0.22	L-May 2018	-0.8
All items less food and energy.....	78.651	2.4	1.863	0.08	L-Sep.2008	2.5
Commodities less food and energy commodities.....	19.635	0.0	0.004	0.19	L-Feb.2016	0.1
Household furnishings and supplies <sup>10</sup> .....	3.345	-0.5	-0.013	0.33	L-Dec.2012	-0.4
Window and floor coverings and other linens <sup>4</sup> .....	0.258	-0.5	-0.001	1.10	S-Apr.2018	-1.7
Floor coverings <sup>4</sup> .....	0.056	1.4	0.001	1.56	S-Jan.2018	0.1
Window coverings <sup>4</sup> .....	0.046	-3.2	-0.002	2.47	L-May 2018	-1.5
Other linens <sup>4</sup> .....	0.156	-0.4	-0.001	1.79	S-May 2018	-0.9
Furniture and bedding.....	0.883	0.0	0.001	0.84	—	—
Bedroom furniture.....	0.319	0.8	0.003	1.05	L-Nov.2017	1.0
Living room, kitchen, and dining room furniture <sup>4</sup> .....	0.428	0.0	0.001	1.41	S-Mar.2018	-2.0
Other furniture <sup>4</sup> .....	0.124	-2.3	-0.003	1.58	L-Apr.2018	-1.5
Infants' furniture <sup>7, 5</sup> .....		-2.1		2.26	L-Oct.2007	0.9
Appliances <sup>4</sup> .....	0.213	2.8	0.007	1.10	L-Jun.2012	3.2
Major appliances <sup>4</sup> .....	0.078	8.5	0.006	1.29	L-Mar.2012	9.0
Laundry equipment <sup>5</sup> .....		15.4		2.84	L-EVER	—
Other appliances <sup>4</sup> .....	0.131	0.0	0.000	1.52	L-Jul.2011	0.3
Other household equipment and furnishings <sup>4</sup> .....	0.502	-5.6	-0.028	1.03	L-Apr.2018	-4.6
Clocks, lamps, and decorator items.....	0.274	-7.2	-0.020	1.64	L-Jun.2017	-5.6
Indoor plants and flowers <sup>11</sup> .....	0.092	0.1	0.000	1.28	L-May 2018	2.0
Dishes and flatware <sup>4</sup> .....	0.054	-11.2	-0.006	3.20	S-May 2012	-11.2
Nonelectric cookware and tableware <sup>4</sup> .....	0.081	-3.3	-0.002	1.49	S-Feb.2018	-5.9

See footnotes at end of table.



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

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017- Jul. 2018	Unadjusted effect on All Items Jul. 2017- Jul. 2018 <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> . . .	0.663	-0.1	0.000	0.70	L-Apr.2018	0.2
Tools, hardware and supplies <sup>4</sup> . . . . .	0.196	0.7	0.002	0.81	L-Apr.2018	1.4
Outdoor equipment and supplies <sup>4</sup> . . . . .	0.306	-0.5	-0.002	0.92	L-Apr.2018	-0.4
Housekeeping supplies . . . . .	0.827	1.0	0.008	0.43	L-Sep.2012	1.2
Household cleaning products <sup>4</sup> . . . . .	0.329	1.4	0.005	0.62	L-Jul.2012	2.4
Household paper products <sup>4</sup> . . . . .	0.216	0.4	0.001	0.83	L-Jan.2018	0.4
Miscellaneous household products <sup>4</sup> . . . . .	0.282	1.0	0.003	0.88	L-Apr.2018	1.9
Apparel . . . . .	3.069	0.3	0.010	0.79	S-Mar.2018	0.3
Men's and boys' apparel . . . . .	0.749	1.4	0.011	1.43	L-Apr.2018	2.0
Men's apparel . . . . .	0.584	0.8	0.005	1.68	L-Apr.2018	1.1
Men's suits, sport coats, and outerwear . . . . .	0.103	-0.8	-0.001	2.87	L-Apr.2018	0.5
Men's furnishings . . . . .	0.150	4.7	0.007	3.59	L-Sep.2013	6.1
Men's shirts and sweaters <sup>4</sup> . . . . .	0.169	1.3	0.002	2.21	L-Apr.2018	3.9
Men's pants and shorts . . . . .	0.155	-2.9	-0.004	2.81	S-Dec.2016	-4.1
Boys' apparel . . . . .	0.164	4.1	0.006	3.18	S-Mar.2018	3.4
Women's and girls' apparel . . . . .	1.267	-1.3	-0.016	1.21	S-Dec.2017	-2.4
Women's apparel . . . . .	1.092	-1.4	-0.013	1.32	S-Dec.2017	-3.1
Women's outerwear . . . . .	0.069	-5.5	-0.004	4.56	S-Mar.2018	-9.6
Women's dresses . . . . .	0.131	0.2	0.000	3.98	S-Nov.2017	0.2
Women's suits and separates <sup>4</sup> . . . . .	0.586	-1.6	-0.004	1.77	S-Mar.2018	-2.3
Women's underwear, nightwear, sportswear and accessories <sup>4</sup> . . . . .	0.293	-1.7	-0.006	2.05	S-Apr.2018	-2.4
Girls' apparel . . . . .	0.175	-2.0	-0.003	2.99	S-Feb.2017	-3.0
Footwear . . . . .	0.667	0.5	0.003	1.29	L-Mar.2018	0.8
Men's footwear . . . . .	0.213	1.5	0.004	2.00	L-Jun.2017	1.6
Boys' and girls' footwear . . . . .	0.155	3.5	0.006	2.35	L-Jun.2015	4.4
Women's footwear . . . . .	0.300	-2.0	-0.006	1.69	S-May 2018	-2.1
Infants' and toddlers' apparel . . . . .	0.138	7.5	0.010	2.57	S-Apr.2018	4.7
Jewelry and watches <sup>8</sup> . . . . .	0.248	0.1	0.002	4.64	L-May 2018	0.1
Watches <sup>8</sup> . . . . .	0.096	0.3	0.001	10.80	S-May 2018	-0.5
Jewelry <sup>8</sup> . . . . .	0.152	0.0	0.001	4.96	L-May 2018	0.5
Transportation commodities less motor fuel <sup>10</sup> . . . . .	6.617	0.6	0.043	0.19	L-Jan.2016	0.6
New vehicles . . . . .	3.723	0.2	0.008	0.33	L-May 2017	0.3
New cars and trucks <sup>4, 5</sup> . . . . .		0.2		0.39	L-May 2017	0.2
New cars <sup>5</sup> . . . . .		0.4		0.39	L-Jan.2017	0.5
New trucks <sup>12, 5</sup> . . . . .		0.0		0.52	L-Jun.2017	0.2
Used cars and trucks . . . . .	2.401	0.8	0.033	0.09	L-Jan.2016	0.9
Motor vehicle parts and equipment . . . . .	0.378	0.1	0.001	0.70	S-Apr.2018	-0.7
Tires . . . . .	0.224	-1.6	-0.004	1.03	-	-
Vehicle accessories other than tires <sup>4</sup> . . . . .	0.155	2.7	0.004	0.75	S-May 2018	1.8
Vehicle parts and equipment other than tires <sup>5</sup> . . . . .		2.8		0.80	L-Jun.2013	2.8
Motor oil, coolant, and fluids <sup>5</sup> . . . . .		3.3		1.08	S-Apr.2018	3.2
Medical care commodities . . . . .	1.733	0.4	0.008	0.69	S-Dec.2013	0.3
Medicinal drugs <sup>10</sup> . . . . .	1.676	0.4	0.007	0.71	S-Dec.2013	0.4
Prescription drugs . . . . .	1.333	0.9	0.013	0.87	S-Dec.2013	0.8
Nonprescription drugs <sup>10</sup> . . . . .	0.343	-1.6	-0.006	0.77	S-Jul.2016	-1.6
Medical equipment and supplies <sup>10</sup> . . . . .	0.057	1.3	0.001	0.90	L-Apr.2017	1.3
Recreation commodities <sup>10</sup> . . . . .	1.812	-2.7	-0.048	0.43	L-May 2016	-2.6
Video and audio products <sup>10</sup> . . . . .	0.239	-13.0	-0.030	1.38	L-May 2018	-12.6
Televisions . . . . .	0.110	-18.2	-0.021	1.88	L-May 2018	-17.0
Other video equipment <sup>4</sup> . . . . .	0.027	-5.0	-0.001	1.71	S-Sep.2017	-5.0
Audio equipment . . . . .	0.044	-12.7	-0.007	2.38	L-Nov.2017	-11.5
Recorded music and music subscriptions <sup>4</sup> . . . . .	0.050	-3.8	-0.001	7.26	S-Feb.2017	-4.1
Pets and pet products . . . . .	0.600	0.4	0.003	0.54	S-May 2018	0.2

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017- Jul. 2018	Unadjusted effect on All Items Jul. 2017- Jul. 2018 <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> .....		0.3		0.69	S-May 2018	-0.4
Purchase of pets, pet supplies, accessories <sup>4, 5</sup> .....		0.6		1.01	S-Apr.2018	0.1
Sporting goods.....	0.493	0.7	0.004	0.81	L-Apr.2018	0.7
Sports vehicles including bicycles.....	0.281	4.1	0.012	1.23	L-Aug.2011	4.1
Sports equipment.....	0.205	-3.5	-0.007	1.05	S-May 2017	-4.4
Photographic equipment and supplies.....	0.032	-6.5	-0.002	2.01	S-Apr.2016	-7.6
Film and photographic supplies <sup>4, 5</sup> .....						
Photographic equipment <sup>4, 5</sup> .....		-4.9		2.74	—	—
Recreational reading materials.....	0.113	3.3	0.004	1.35	L-May 2014	3.3
Newspapers and magazines <sup>4</sup> .....	0.068	3.8	0.002	1.97	L-Aug.2017	3.8
Recreational books <sup>4</sup> .....	0.045	2.4	0.001	1.67	S-May 2018	2.4
Other recreational goods <sup>4</sup> .....	0.335	-7.1	-0.025	0.98	L-Apr.2018	-7.1
Toys.....	0.265	-8.7	-0.025	1.11	L-Mar.2018	-8.5
Toys, games, hobbies and playground equipment <sup>4, 5</sup> .....		-8.3		1.57	L-Nov.2017	-7.4
Sewing machines, fabric and supplies <sup>4</sup> .....	0.024	5.6	0.001	2.69	S-Mar.2018	2.8
Music instruments and accessories <sup>4</sup> .....	0.035	-2.2	-0.001	1.50	S-May 2018	-2.6
Education and communication commodities <sup>10</sup> .....	0.549	-4.0	-0.024	0.97	S-Apr.2017	-4.0
Educational books and supplies.....	0.132	1.9	0.002	1.91	S-Apr.2018	0.4
College textbooks <sup>13, 5</sup> .....		1.6		1.65	S-Apr.2018	-0.3
Information technology commodities <sup>10</sup> .....	0.417	-5.8	-0.026	1.04	S-Apr.2017	-6.4
Personal computers and peripheral equipment <sup>6</sup> .....	0.315	-6.4	-0.019	1.24	S-Nov.2016	-6.7
Computer software and accessories <sup>4</sup> .....	0.024	-4.8	-0.004	3.43	S-Apr.2017	-9.8
Telephone hardware, calculators, and other consumer information items <sup>4</sup> .....	0.078	-4.1	-0.004	1.41	L-Mar.2018	-4.1
Alcoholic beverages.....	0.961	1.5	0.015	0.29	S-May 2018	1.4
Alcoholic beverages at home.....	0.597	1.2	0.007	0.43	S-May 2018	1.0
Beer, ale, and other malt beverages at home.....	0.265	1.4	0.004	0.52	S-May 2018	0.9
Distilled spirits at home.....	0.080	0.2	0.000	0.73	L-Jan.2017	0.3
Whiskey at home <sup>5</sup> .....		-0.7		0.99	L-Aug.2017	-0.7
Distilled spirits, excluding whiskey, at home <sup>5</sup> .....		0.2		1.03	L-May 2018	0.5
Wine at home.....	0.252	1.3	0.003	0.81	S-Mar.2018	0.9
Alcoholic beverages away from home.....	0.364	2.1	0.008	0.32	L-Apr.2018	2.2
Beer, ale, and other malt beverages away from home <sup>4, 5</sup> .....		1.8		0.63	L-Jan.2018	2.0
Wine away from home <sup>4, 5</sup> .....		2.4		0.58	L-Nov.2016	2.4
Distilled spirits away from home <sup>4, 5</sup> .....		2.1		0.77	S-Dec.2017	1.7
Other goods <sup>10</sup> .....	1.548	0.8	0.013	0.34	S-Mar.2017	0.4
Tobacco and smoking products.....	0.645	3.1	0.021	0.44	L-May 2018	3.3
Cigarettes <sup>4</sup> .....	0.572	3.1	0.018	0.43	L-May 2018	3.2
Tobacco products other than cigarettes <sup>4</sup> .....	0.059	4.1	0.002	1.18	S-May 2018	3.8
Personal care products.....	0.688	-0.2	-0.001	0.54	L-May 2018	0.4
Hair, dental, shaving, and miscellaneous personal care products <sup>4</sup> .....	0.378	-0.3	-0.001	0.81	L-May 2018	-0.2
Cosmetics, perfume, bath, nail preparations and implements.....	0.304	-0.1	0.000	0.85	S-Dec.2017	-0.6
Miscellaneous personal goods <sup>4</sup> .....	0.215	-3.0	-0.006	1.81	S-Apr.2017	-5.0
Stationery, stationery supplies, gift wrap <sup>5</sup> .....		1.2		1.51	—	—
Infants' equipment <sup>7, 5</sup> .....		-5.8		1.28	S-Mar.2017	-8.4
Services less energy services.....	59.016	3.1	1.859	0.09	—	—
Shelter.....	32.720	3.5	1.163	0.10	L-May 2018	3.5
Rent of shelter <sup>14</sup> .....	32.347	3.5	1.157	0.10	L-May 2018	3.5
Rent of primary residence.....	7.761	3.6	0.284	0.11	—	—
Lodging away from home <sup>4</sup> .....	1.022	5.1	0.057	2.03	L-Jun.2016	6.8

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017- Jul. 2018	Unadjusted effect on All Items Jul. 2017- Jul. 2018 <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>14</sup> .....	0.111	2.0	0.002	0.29	—	—
Other lodging away from home including hotels and motels.....	0.911	5.2	0.054	2.37	L-Jun.2016	6.0
Owners' equivalent rent of residences <sup>14</sup> .....	23.564	3.4	0.816	0.10	—	—
Owners' equivalent rent of primary residence <sup>14</sup> ..	22.249	3.4	0.777	0.10	—	—
Tenants' and household insurance <sup>4</sup> .....	0.373	1.6	0.006	0.37	L-Feb.2016	1.6
Water and sewer and trash collection services <sup>4</sup> .....	1.072	3.6	0.040	0.20	L-Mar.2017	3.6
Water and sewerage maintenance.....	0.810	3.5	0.029	0.24	L-Dec.2017	3.5
Garbage and trash collection <sup>12</sup> .....	0.262	3.8	0.010	0.38	—	—
Household operations <sup>4</sup> .....	0.869	5.8	0.050	0.99	S-May 2018	5.8
Domestic services <sup>4</sup> .....	0.298	2.3	0.007	0.41	S-Apr.2017	1.9
Gardening and lawn care services <sup>4</sup> .....	0.288	8.0	0.022	0.51	L-Mar.2009	8.5
Moving, storage, freight expense <sup>4</sup> .....	0.101	8.6	0.009	4.54	S-May 2018	5.5
Repair of household items <sup>4</sup> .....	0.107	6.9	0.007	0.81	L-May 2018	6.9
Medical care services.....	6.898	2.3	0.158	0.32	S-May 2018	2.3
Professional services.....	3.252	1.4	0.045	0.38	S-May 2018	1.1
Physicians' services.....	1.732	0.6	0.011	0.62	S-May 2018	0.6
Dental services.....	0.788	3.1	0.024	0.50	S-Feb.2018	3.0
Eyeglasses and eye care <sup>8</sup> .....	0.315	2.5	0.008	0.78	L-Apr.2016	2.5
Services by other medical professionals <sup>8</sup> .....	0.417	0.7	0.002	0.86	—	—
Hospital and related services.....	2.598	4.3	0.111	0.50	S-Apr.2018	4.2
Hospital services <sup>15</sup> .....	2.322	4.6	0.105	0.55	S-Apr.2018	4.5
Inpatient hospital services <sup>15, 5</sup> .....		4.1		1.65	S-Apr.2018	4.0
Outpatient hospital services <sup>8, 5</sup> .....		4.3		1.51	—	—
Nursing homes and adult day services <sup>15</sup> .....	0.190	2.8	0.005	0.44	S-Sep.2017	2.7
Care of invalids and elderly at home <sup>7</sup> .....	0.086	0.9	0.001	1.16	L-Dec.2016	1.5
Health insurance <sup>7</sup> .....	1.048	0.0	0.001	0.36	S-Feb.2018	-0.1
Transportation services.....	5.982	4.0	0.234	0.25	L-Apr.2018	4.1
Leased cars and trucks <sup>13</sup> .....	0.650	6.4	0.039	1.20	L-Aug.2009	8.0
Car and truck rental <sup>4</sup> .....	0.117	-7.0	-0.006	2.67	L-May 2018	-2.6
Motor vehicle maintenance and repair.....	1.109	2.3	0.026	0.47	—	—
Motor vehicle body work.....	0.055	2.9	0.002	0.64	—	—
Motor vehicle maintenance and servicing.....	0.623	2.9	0.018	0.69	—	—
Motor vehicle repair <sup>4</sup> .....	0.368	1.3	0.005	0.64	—	—
Motor vehicle insurance.....	2.376	7.4	0.180	0.46	S-May 2017	7.0
Motor vehicle fees <sup>4</sup> .....	0.538	1.5	0.008	0.35	S-Jan.2018	1.1
State motor vehicle registration and license fees <sup>4</sup> .....	0.278	1.1	0.003	0.43	S-Jul.2016	1.0
Parking and other fees <sup>4</sup> .....	0.243	2.1	0.005	0.54	S-Feb.2018	1.7
Parking fees and tolls <sup>4, 5</sup> .....		1.5		1.21	S-Aug.2014	1.5
Automobile service clubs <sup>4, 5</sup> .....				1.99	—	—
Public transportation.....	1.192	-1.5	-0.014	0.63	L-Nov.2017	-0.8
Airline fares.....	0.739	-4.1	-0.022	0.94	L-Dec.2017	-4.0
Other intercity transportation.....	0.168	0.7	0.001	1.21	S-Dec.2017	0.0
Intercity bus fare <sup>6, 5</sup> .....		-0.4		3.59	S-Jan.2010	-0.5
Intercity train fare <sup>6, 5</sup> .....						
Ship fare <sup>4, 5</sup> .....		0.7		2.08	S-May 2018	-0.5
Intracity transportation.....	0.277	2.5	0.007	0.30	L-Mar.2018	3.1
Intracity mass transit <sup>10, 5</sup> .....		4.4		0.81	L-Jun.2013	5.8
Recreation services <sup>10</sup> .....	3.839	1.8	0.068	0.55	S-May 2018	1.8
Video and audio services <sup>10</sup> .....	1.579	1.0	0.015	0.50	S-Jun.2015	0.9
Cable and satellite television service <sup>12</sup> .....	1.492	0.8	0.012	0.51	S-Jan.2011	0.0
Video discs and other media, including rental of video <sup>4</sup> .....	0.087	4.3	0.004	1.69	L-Jun.2016	5.9

See footnotes at end of table.

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

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017-Jul. 2018	Unadjusted effect on All Items Jul. 2017-Jul. 2018 <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 <sup>4, 5</sup> .....		2.4		3.58	L-Jun.2016	5.4
Rental of video discs and other media <sup>4, 5</sup> .....		4.2		0.80	L-Apr.2017	4.2
Pet services including veterinary <sup>4</sup> .....	0.411	2.6	0.010	0.57	S-Apr.2018	2.1
Pet services <sup>4, 5</sup> .....		2.5		0.60	S-Apr.2018	0.7
Veterinarian services <sup>4, 5</sup> .....		2.4		0.65	S-Apr.2018	2.4
Photographers and photo processing <sup>4</sup> .....	0.038	-1.8	-0.001	1.05	S-Apr.2018	-2.5
Photographer fees <sup>4, 5</sup> .....		0.8		1.26	S-Mar.2018	0.0
Photo processing <sup>4, 5</sup> .....		-7.4		1.21	S-May 2018	-8.1
Other recreation services <sup>4</sup> .....	1.810	2.4	0.043	1.08	S-May 2018	2.1
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees <sup>4</sup> .....	0.663	2.3	0.015	1.42	S-Nov.2017	2.3
Admissions.....	0.662	2.9	0.020	1.68	S-May 2018	1.5
Admission to movies, theaters, and concerts <sup>4, 5</sup> .....		3.0		1.68	—	—
Admission to sporting events <sup>4, 5</sup> .....		3.4		3.59	S-May 2018	1.2
Fees for lessons or instructions <sup>8</sup> .....	0.214	1.5	0.003	1.34	S-Dec.2016	0.5
Education and communication services <sup>10</sup> .....	6.006	1.5	0.092	0.24	L-Jun.2016	1.5
Tuition, other school fees, and childcare.....	2.838	2.2	0.064	0.20	L-Dec.2017	2.2
College tuition and fees.....	1.568	2.0	0.037	0.26	L-Feb.2018	2.0
Elementary and high school tuition and fees.....	0.325	3.9	0.013	0.42	L-Sep.2017	3.9
Child care and nursery school <sup>11</sup> .....	0.797	1.5	0.011	0.40	S-May 2018	1.5
Technical and business school tuition and fees <sup>4</sup> .....	0.032	3.1	0.001	1.02	L-Dec.2017	3.4
Postage and delivery services <sup>4</sup> .....	0.108	2.5	0.003	0.22	—	—
Postage.....	0.094	2.0	0.002	0.22	—	—
Delivery services <sup>4</sup> .....	0.014	8.0	0.001	0.99	L-Jan.2012	9.2
Telephone services <sup>4</sup> .....	2.274	0.8	0.019	0.50	L-May 2016	0.9
Wireless telephone services <sup>4</sup> .....	1.704	0.6	0.008	0.64	L-Jun.2016	0.8
Land-line telephone services <sup>10</sup> .....	0.569	1.5	0.010	0.61	L-Jan.2018	2.1
Internet services and electronic information providers <sup>4</sup> .....	0.778	0.8	0.006	1.21	L-Nov.2016	0.8
Other personal services <sup>10</sup> .....	1.631	3.3	0.054	0.25	S-Mar.2018	2.5
Personal care services.....	0.624	3.0	0.019	0.36	S-May 2018	2.5
Haircuts and other personal care services <sup>4</sup> .....	0.624	3.0	0.019	0.36	S-May 2018	2.5
Miscellaneous personal services.....	1.006	3.6	0.036	0.38	S-Mar.2018	2.8
Legal services <sup>8</sup> .....	0.304	3.6	0.011	0.56	L-May 2018	4.8
Funeral expenses <sup>8</sup> .....	0.127	2.1	0.003	0.41	L-Aug.2017	2.2
Laundry and dry cleaning services <sup>4</sup> .....	0.236	2.2	0.005	0.74	S-May 2015	2.0
Apparel services other than laundry and dry cleaning <sup>4</sup> .....	0.028	0.6	0.000	0.91	L-Sep.2017	0.8
Financial services <sup>8</sup> .....	0.240	5.6	0.013	1.03	S-Mar.2018	1.4
Checking account and other bank services <sup>4, 5</sup> .....		9.9		0.96	—	—
Tax return preparation and other accounting fees <sup>4, 5</sup> .....		6.4		1.14	S-Mar.2018	-1.7
<b>Special aggregate indexes</b>						
All items less food.....	86.802	3.2	2.759	0.07	L-Feb.2017	3.2
All items less shelter.....	67.280	2.7	1.786	0.08	L-Mar.2012	2.9
All items less food and shelter.....	54.082	3.0	1.596	0.10	L-Feb.2017	3.0
All items less food, shelter, and energy.....	45.931	1.5	0.700	0.11	L-Aug.2016	1.5
All items less food, shelter, energy, and used cars and trucks.....	43.529	1.5	0.667	0.12	—	—
All items less medical care.....	91.369	3.0	2.784	0.07	L-Nov.2011	3.4
All items less energy.....	91.849	2.2	2.053	0.07	L-Jun.2012	2.3
Commodities.....	37.530	3.0	1.133	0.11	L-Mar.2012	3.5

See footnotes at end of table.

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

Expenditure category	Relative importance Jun. 2018	Twelve Month				
		Unadjusted percent change Jul. 2017-Jul. 2018	Unadjusted effect on All Items Jul. 2017-Jul. 2018 <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
Commodities less food, energy, and used cars and trucks.....	17.233	-0.2	-0.029	0.21	—	—
Commodities less food.....	24.332	4.0	0.943	0.17	L-Feb.2012	4.3
Commodities less food and beverages.....	23.371	4.1	0.928	0.17	L-Feb.2012	4.4
Services.....	62.470	2.9	1.816	0.08	L-May 2018	2.9
Services less rent of shelter <sup>14</sup> .....	30.122	2.2	0.660	0.13	—	—
Services less medical care services.....	55.572	3.0	1.659	0.09	L-May 2018	3.0
Durables.....	9.968	-0.4	-0.029	0.18	L-Jul.2012	0.0
Nondurables.....	27.562	4.3	1.162	0.13	S-May 2018	4.1
Nondurables less food.....	14.364	7.2	0.971	0.24	S-May 2018	6.9
Nondurables less food and beverages.....	13.403	7.6	0.956	0.25	S-May 2018	7.3
Nondurables less food, beverages, and apparel.....	10.335	9.9	0.946	0.20	S-May 2018	9.2
Nondurables less food and apparel.....	11.296	9.2	0.961	0.18	—	—
Housing.....	41.649	2.9	1.235	0.09	L-May 2018	3.0
Education and communication <sup>4</sup> .....	6.556	1.0	0.068	0.22	L-Jun.2016	1.1
Education <sup>4</sup> .....	2.970	2.1	0.067	0.22	L-Nov.2017	2.2
Communication <sup>4</sup> .....	3.585	0.1	0.002	0.37	L-Jun.2012	0.2
Information and information processing <sup>4</sup> .....	3.478	0.0	-0.001	0.38	L-Jun.2012	0.1
Information technology, hardware and services <sup>16</sup> .....	1.204	-1.7	-0.020	0.81	L-Oct.2014	-1.5
Recreation <sup>4</sup> .....	5.651	0.3	0.020	0.40	S-May 2018	0.2
Video and audio <sup>4</sup> .....	1.817	-0.8	-0.015	0.46	S-Jun.2011	-1.4
Pets, pet products and services <sup>4</sup> .....	1.011	1.2	0.013	0.40	S-May 2018	1.2
Photography <sup>4</sup> .....	0.072	-4.0	-0.003	1.02	S-Sep.2015	-4.0
Food and beverages.....	14.159	1.4	0.205	0.09	S-May 2018	1.2
Domestically produced farm food.....	6.055	0.4	0.024	0.17	S-May 2018	0.3
Other services.....	11.475	1.8	0.215	0.21	—	—
Apparel less footwear.....	2.401	0.2	0.007	0.97	S-Mar.2018	0.1
Fuels and utilities.....	4.715	0.9	0.036	0.12	S-Aug.2016	0.2
Household energy.....	3.643	0.1	-0.004	0.15	S-Aug.2016	-0.7
Medical care.....	8.631	1.9	0.165	0.30	S-Feb.2018	1.8
Transportation.....	17.107	7.3	1.177	0.12	L-Nov.2011	8.0
Private transportation.....	15.915	8.0	1.191	0.12	L-Nov.2011	8.2
New and used motor vehicles <sup>4</sup> .....	7.005	1.0	0.076	0.21	L-Oct.2013	1.0
Utilities and public transportation.....	9.483	0.2	0.014	0.16	—	—
Household furnishings and operations.....	4.214	0.8	0.036	0.36	L-Jul.2012	0.9
Other goods and services.....	3.179	2.1	0.067	0.21	S-Dec.2017	2.0
Personal care.....	2.534	1.8	0.047	0.26	S-Mar.2018	1.6

<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> Indexes on a December 2009=100 base.
- <sup>11</sup> Indexes on a December 1990=100 base.
- <sup>12</sup> Indexes on a December 1983=100 base.
- <sup>13</sup> Indexes on a December 2001=100 base.
- <sup>14</sup> Indexes on a December 1982=100 base.
- <sup>15</sup> Indexes on a December 1996=100 base.
- <sup>16</sup> Indexes on a December 1988=100 base.