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Technical information: (202) 691-7000 • cpi_info@bls.gov • www.bls.gov/cpi
 Media Contact: (202) 691-5902 • PressOffice@bls.gov

CONSUMER PRICE INDEX –DECEMBER 2018

The Consumer Price Index for All Urban Consumers (CPI-U) declined 0.1 percent in December on a seasonally adjusted basis after being unchanged in November, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index increased 1.9 percent before seasonal adjustment.

The seasonally adjusted decline in the all items index was caused by a sharp decrease in the gasoline index, which fell 7.5 percent in December. This decline more than offset increases in several indexes including shelter, food, and other energy components. The energy index fell 3.5 percent, as the gasoline and fuel oil indexes fell, but the indexes for natural gas and for electricity increased. The food index increased 0.4 percent in December.

The index for all items less food and energy increased 0.2 percent in December, the same increase as in October and November. Along with the index for shelter, the indexes for recreation, medical care, and household furnishings and operations all increased in December, while the indexes for airline fares, used cars and trucks, and motor vehicle insurance all declined.

The all items index increased 1.9 percent for the 12 months ending December; this was the first time the 12-month change has been under 2.0 percent since August 2017. The index for all items less food and energy rose 2.2 percent over the last 12 months, the same increase as for the 12 months ending November. The food index rose 1.6 percent over the past year, while the energy index declined 0.3 percent.

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

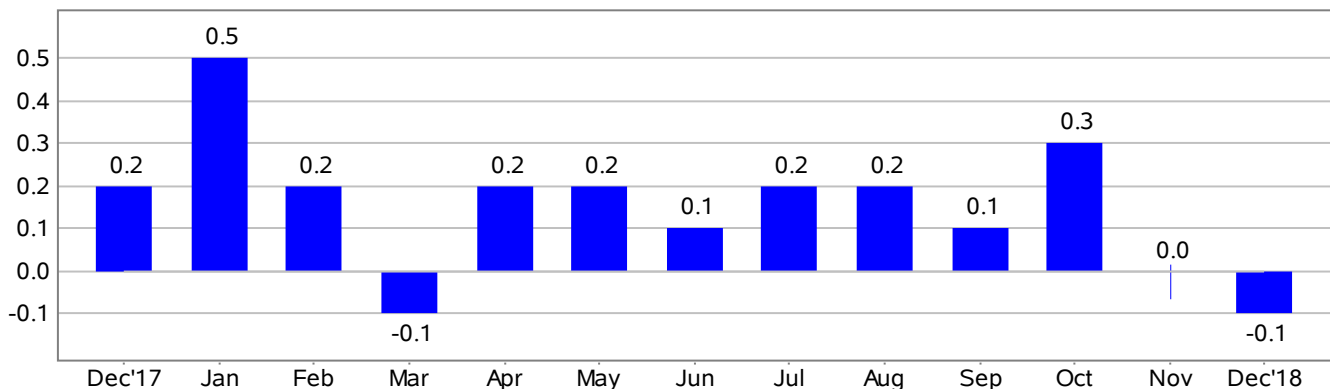


Chart 2. 12-month percent change in CPI for All Urban Consumers (CPI-U), not seasonally adjusted, Dec. 2017 - Dec. 2018

Percent change

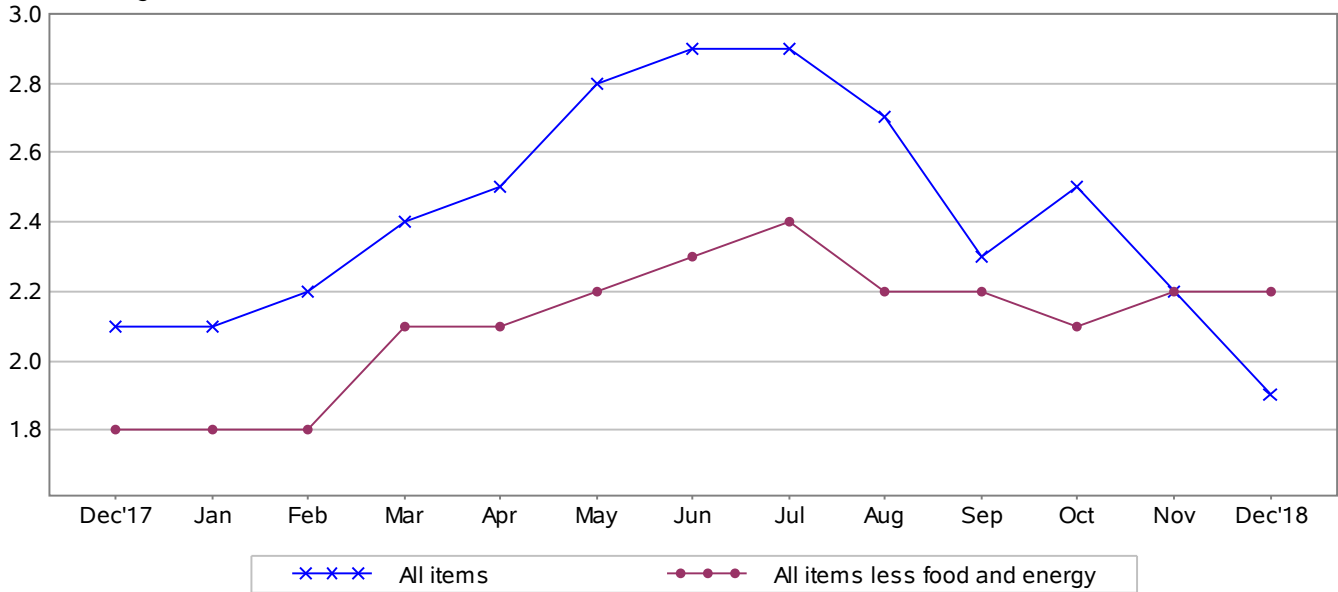


Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Dec. 2018
	June 2018	July 2018	Aug. 2018	Sep. 2018	Oct. 2018	Nov. 2018	Dec. 2018	
All items .....	.1	.2	.2	.1	.3	.0	-.1	1.9
Food .....	.2	.1	.1	.0	-.1	.2	.4	1.6
Food at home .....	.2	.2	.0	-.1	-.2	.2	.3	.6
Food away from home ¹ .....	.2	.1	.2	.2	.1	.3	.4	2.8
Energy	-.3	-.5	1.9	-.5	2.4	-2.2	-3.5	-.3
Energy commodities .....	.6	-.6	3.0	-.2	2.9	-4.1	-7.4	-1.8
Gasoline (all types) .....	.5	-.6	3.0	-.2	3.0	-4.2	-7.5	-2.1
Fuel oil	2.9	1.2	2.2	.3	3.7	-2.9	-11.4	1.9
Energy services	-1.5	-.4	.4	-.8	1.7	.4	1.8	1.4
Electricity	-1.4	-.4	.3	-.5	2.3	.3	.7	1.1
Utility (piped) gas service	-1.7	-.5	.9	-1.7	-.6	.7	5.6	2.3
All items less food and energy .....	.2	.2	.1	.1	.2	.2	.2	2.2
Commodities less food and energy commodities .....	.0	.1	-.3	-.3	.3	.2	.1	.1
New vehicles .....	.4	.3	.0	-.1	-.2	.0	.0	-.3
Used cars and trucks .....	.7	1.3	.4	-3.0	2.6	2.4	-.2	1.4
Apparel	-.9	-.3	-1.6	.9	.1	-.9	.0	-.1
Medical care commodities .....	.2	-1.1	-.3	-.1	-.1	.4	-.2	-.5
Services less energy services .....	.2	.3	.2	.2	.2	.2	.3	2.9
Shelter .....	.1	.3	.3	.2	.2	.3	.3	3.2
Transportation services .....	.2	.5	.3	.5	.1	-.3	-.2	2.8
Medical care services .....	.5	.1	-.2	.2	.2	.4	.4	2.6

¹ Not seasonally adjusted.

Food

The food index rose 0.4 percent in December, the largest increase since May 2014. The food at home index rose 0.3 percent, as the index for fruits and vegetables increased 1.7 percent. The index for fresh fruits rose 1.3 percent and the fresh vegetables index increased 2.6 percent.

The index for cereals and bakery products advanced 0.4 percent, and the indexes for dairy and related products and for nonalcoholic beverages both increased 0.3 percent. The index for meats, poultry, fish, and eggs was unchanged, while the only major grocery store food group index to decline was other food at home, which fell 0.3 percent. The index for food away from home rose 0.4 percent, with the indexes for both full service meals and limited service meals increasing.

The index for food at home rose 0.6 percent over the past year, with four of the six major grocery store food groups increasing over the span. The food away from home index increased 2.8 percent over the past 12 months.

Energy

The energy index fell 3.5 percent in December following a 2.2-percent decline in November. The gasoline index fell 7.5 percent in December after a 4.2-percent decline the prior month. (Before seasonal adjustment, gasoline prices fell 9.9 percent in December.) The fuel oil index also declined sharply in December, falling 11.4 percent. However, the other major energy component indexes rose in December, with the index for natural gas increasing 5.6 percent and the electricity index rising 0.7 percent.

The energy index fell 0.3 percent over the past 12 months; this represented the first 12-month decline in the energy index since the period ending September 2016. The gasoline index declined 2.1 percent over the last year, more than offsetting increases in the other component indexes. The electricity index rose 1.1 percent, the index for natural gas increased 2.3 percent, and the fuel oil index advanced 1.9 percent.

All items less food and energy

The index for all items less food and energy increased 0.2 percent in December. The shelter index increased 0.3 percent in December, the same increase as the prior month. The indexes for rent and owners' equivalent rent both increased 0.2 percent, while the index for lodging away from home rose 2.7 percent.

The recreation index rose in December, increasing 0.6 percent. The medical care index rose 0.3 percent in December with its major component indexes mixed. The index for hospital services rose 0.5 percent, the physicians' services index was unchanged, and the index for prescription drugs declined 0.4 percent. The index for household furnishings and operations rose 0.3 percent in December, and the education index rose 0.2 percent.

The index for airline fares fell 1.5 percent in December following a 2.4-percent decline in November. The index for used cars and trucks fell 0.2 percent after rising in October and November. The motor vehicle insurance index fell 0.2 percent, its second consecutive decline. Several indexes were unchanged in December, including those for new vehicles, apparel, and communication.

The index for all items less food and energy rose 2.2 percent over the past 12 months, the same increase for the period ending November. The shelter index increased 3.2 percent over the last year, and the medical care index rose 2.0 percent.

Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 1.9 percent over the last 12 months to an index level of 251.233 (1982-84=100). For the month, the index decreased 0.3 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 1.8 percent over the last 12 months to an index level of 244.786 (1982-84=100). For the month, the index decreased 0.5 percent prior to seasonal adjustment.

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

Year in Review (December to December)

The all items CPI rose 1.9 percent in 2018, a smaller increase than the 2.1 percent increase in 2016 and 2017, but larger than the increases in any of the years from 2012 to 2015. It was also slightly larger than the 1.8-percent average annual increase over the past 10 years.

The food index increased 1.6 percent in 2018, the same increase as in 2017. The index for food at home increased 0.6 percent in 2018 following a 0.9-percent increase in 2017.

Four of the six major grocery store food group indexes increased in 2018. The index for cereals and bakery products increased the most, rising 1.7 percent after declining in 2016 and 2017. The fruits and vegetables index, which rose 1.5 percent in 2017, increased 1.6 percent in 2018. The index for nonalcoholic beverages increased 1.4 percent in 2018 after being unchanged in 2017. The index for other food at home also increased in 2018, rising 0.2 percent after advancing 0.5 percent the prior year.

In contrast, the index for meats, poultry, fish, and eggs declined in 2018, falling 0.4 percent after rising 2.8 percent in 2017. The dairy and related products index fell slightly in 2018, decreasing 0.1 percent, the fourth yearly decline in a row.

The index for food away from home rose 2.8 percent in 2018 after a 2.5-percent increase the prior year. Over the last 10 years, the food index rose at an average annual rate of 1.6 percent. The food at home index rose at a 0.9-percent rate, and the index for food away from home increased at a 2.4-percent rate since December 2008.

The energy index fell slightly in 2018, declining 0.3 percent after rising 6.9 percent in 2017. The gasoline index fell 2.1 percent in 2018 after rising in 2016 and 2017. The decline in the gasoline index more than offset increases in other energy component indexes. The index for electricity increased 1.1 percent in 2018 after rising 2.6 percent the prior year. The index for natural gas rose for the third consecutive year, increasing 2.3 percent. The fuel oil index rose 1.9 percent in 2018. The energy index increased at a 1.9-percent average annual rate over the past 10 years.

The index for all items less food and energy rose 2.2 percent in 2018, a larger increase than its 1.8-percent rise in 2017 and 1.8-percent average annual increase over the past 10 years. The shelter index rose 3.2 percent in 2018, the same increase as in 2017. The rent index rose 3.5 percent in 2018, while the index for owners' equivalent rent increased 3.2 percent. The index for household furnishings and operations increased 2.1 percent after falling in each of the prior 5 years.

The medical care index rose 2.0 percent in 2018, a slightly larger increase than its 1.8-percent increase the prior year. The index for hospital services rose 3.7 percent, while the physicians' services index increased 0.6 percent. The index for prescription drugs, however, fell 0.6 percent in 2018.

The index for motor vehicle insurance rose 4.6 percent in 2018 following larger increases in recent years. The index for new vehicles fell for the second year in a row, decreasing 0.3 percent after a 0.5-percent decline in 2017. The index for used cars and trucks rose 1.4 percent in 2018 after decreasing in each of the prior 2 years.

The education index increased 2.6 percent in 2018 after a 2.0-percent rise in 2017. The index for communication declined 1.8 percent in 2018, its ninth consecutive yearly decline. The recreation index rose 1.2 percent, and the index for personal care increased 1.8 percent. The index for tobacco increased 3.4 percent, and the alcoholic beverages index rose 1.8 percent.

The index for airline fares decreased for the sixth year in a row in 2018, falling 2.6 percent. The apparel index declined for the fifth consecutive year, though it decreased only 0.1 percent in 2018.

The Consumer Price Index for January 2019 is scheduled to be released on Wednesday, February 13, 2019, at 8:30 a.m. (EST).

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
Year I	112.500	225.000	110.000
Year II	121.500	243.000	128.000
Change in index points	9.000	18.000	18.000
Percent change	$9.0/112.500 \times 100 = 8.0$	$18.0/225.000 \times 100 = 8.0$	$18.0/110.000 \times 100 = 16.4$

Use of Seasonally Adjusted and Unadjusted Data

The Consumer Price Index (CPI) produces both unadjusted and seasonally adjusted data. Seasonally adjusted data are computed using seasonal factors derived by the X-13ARIMA-SEATS seasonal adjustment method. These factors are updated each February, and the new factors are used to revise the previous 5 years of seasonally adjusted data. For more information on data revision scheduling, please see the Factsheet on Seasonal Adjustment at 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.

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 or contact the CPI Information and Analysis Section at 202-691-7000 or cpi_info@bls.gov.

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

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

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

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
All items.....	100.000	246.524	252.038	251.233	1.9	-0.3	0.3	0.0	-0.1
Food.....	13.255	251.238	254.379	255.210	1.6	0.3	-0.1	0.2	0.4
Food at home.....	7.244	238.579	239.352	239.989	0.6	0.3	-0.2	0.2	0.3
Cereals and bakery products.....	0.955	269.847	273.240	274.321	1.7	0.4	-0.6	0.6	0.4
Meats, poultry, fish, and eggs.....	1.596	248.420	247.954	247.327	-0.4	-0.3	0.0	0.3	0.0
Dairy and related products.....	0.724	216.916	215.896	216.652	-0.1	0.4	-0.4	-0.2	0.3
Fruits and vegetables.....	1.273	296.476	296.362	301.134	1.6	1.6	-0.7	0.0	1.7
Nonalcoholic beverages and beverage materials.....	0.863	166.006	167.891	168.339	1.4	0.3	0.2	-0.4	0.3
Other food at home.....	1.832	209.401	210.407	209.739	0.2	-0.3	0.0	0.3	-0.3
Food away from home ¹	6.011	271.811	278.306	279.419	2.8	0.4	0.1	0.3	0.4
Energy.....	7.679	206.598	215.910	205.905	-0.3	-4.6	2.4	-2.2	-3.5
Energy commodities.....	4.351	222.389	241.633	218.497	-1.8	-9.6	2.9	-4.1	-7.4
Fuel oil.....	0.121	270.955	305.370	276.103	1.9	-9.6	3.7	-2.9	-11.4
Motor fuel.....	4.155	217.972	236.934	213.838	-1.9	-9.7	3.0	-4.1	-7.4
Gasoline (all types).....	4.060	216.781	235.381	212.152	-2.1	-9.9	3.0	-4.2	-7.5
Energy services.....	3.329	201.066	200.148	203.800	1.4	1.8	1.7	0.4	1.8
Electricity.....	2.582	208.406	209.339	210.637	1.1	0.6	2.3	0.3	0.7
Utility (piped) gas service.....	0.747	175.909	169.821	179.999	2.3	6.0	-0.6	0.7	5.6
All items less food and energy.....	79.065	253.558	259.105	259.083	2.2	0.0	0.2	0.2	0.2
Commodities less food and energy commodities.....	19.536	142.647	143.542	142.840	0.1	-0.5	0.3	0.2	0.1
Apparel.....	3.057	120.614	124.935	120.526	-0.1	-3.5	0.1	-0.9	0.0
New vehicles.....	3.704	146.522	145.826	146.126	-0.3	0.2	-0.2	0.0	0.0
Used cars and trucks.....	2.382	136.118	138.010	138.069	1.4	0.0	2.6	2.4	-0.2
Medical care commodities.....	1.713	380.087	380.658	378.190	-0.5	-0.6	-0.1	0.4	-0.2
Alcoholic beverages.....	0.970	246.791	251.326	251.131	1.8	-0.1	0.1	0.3	0.0
Tobacco and smoking products.....	0.659	1,046.785	1,083.514	1,082.248	3.4	-0.1	1.3	0.4	-0.4
Services less energy services.....	59.529	322.250	330.983	331.478	2.9	0.1	0.2	0.2	0.3
Shelter.....	33.078	301.985	310.950	311.652	3.2	0.2	0.2	0.3	0.3
Rent of primary residence.....	7.897	313.904	323.968	324.815	3.5	0.3	0.2	0.4	0.2
Owners' equivalent rent of residences ²	23.924	310.041	319.338	320.038	3.2	0.2	0.3	0.3	0.2
Medical care services.....	6.932	509.045	520.973	522.506	2.6	0.3	0.2	0.4	0.4
Physicians' services.....	1.726	377.734	379.872	379.885	0.6	0.0	0.0	-0.3	0.0
Hospital services ³	2.327	323.114	334.242	334.964	3.7	0.2	0.0	0.5	0.5
Transportation services.....	5.990	313.645	324.168	322.317	2.8	-0.6	0.1	-0.3	-0.2
Motor vehicle maintenance and repair ¹	1.126	283.107	290.114	289.705	2.3	-0.1	0.2	0.4	-0.1
Motor vehicle insurance.....	2.409	547.586	573.338	572.824	4.6	-0.1	0.5	-0.5	-0.2
Airline fares.....	0.699	254.947	263.809	248.290	-2.6	-5.9	0.0	-2.4	-1.5

¹ Not seasonally adjusted.

² Indexes on a December 1982=100 base.

³ 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, December 2018

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
All items.....	100.000	1.9	-0.3	0.3	0.0	-0.1
Food.....	13.255	1.6	0.3	-0.1	0.2	0.4
Food at home.....	7.244	0.6	0.3	-0.2	0.2	0.3
Cereals and bakery products.....	0.955	1.7	0.4	-0.6	0.6	0.4
Cereals and cereal products.....	0.305	0.2	0.6	-2.1	0.6	0.4
Flour and prepared flour mixes.....	0.038	-0.6	0.5	-2.7	0.2	0.5
Breakfast cereal ¹	0.148	-0.9	1.3	-0.7	-0.5	1.3
Rice, pasta, cornmeal ¹	0.119	1.9	-0.2	-2.8	1.8	-0.2
Rice ^{1, 2, 3}		3.2	-0.7	-2.1	2.7	-0.7
Bakery products ¹	0.650	2.4	0.3	0.2	0.5	0.3
Bread ^{1, 2}	0.191	2.7	1.2	0.4	0.6	1.2
White bread ^{1, 3}		3.1	1.9	1.0	0.1	1.9
Bread other than white ^{1, 3}		2.7	0.6	0.0	1.4	0.6
Fresh biscuits, rolls, muffins ²	0.093	1.5	-0.6	-1.0	2.1	-0.8
Cakes, cupcakes, and cookies.....	0.164	3.5	0.4	0.4	0.9	0.7
Cookies ³		2.6	-0.1	0.0	1.0	0.0
Fresh cakes and cupcakes ^{1, 3}		4.7	1.0	0.7	1.8	1.0
Other bakery products.....	0.201	1.5	-0.2	-0.2	0.8	0.2
Fresh sweetrolls, coffeecakes, doughnuts ^{1, 3}		3.8	-0.1	1.2	0.0	-0.1
Crackers, bread, and cracker products ³		1.1	0.6	-0.5	0.7	0.4
Frozen and refrigerated bakery products, pies, tarts, turnovers ³		0.9	-0.5	0.1	0.5	-0.3
Meats, poultry, fish, and eggs.....	1.596	-0.4	-0.3	0.0	0.3	0.0
Meats, poultry, and fish.....	1.504	-0.3	-0.3	0.0	0.4	0.2
Meats.....	0.939	-0.9	-0.6	-0.6	0.7	0.1
Beef and veal.....	0.425	-0.6	-0.4	-0.7	0.2	0.1
Uncooked ground beef ¹	0.170	-2.5	-0.8	-0.9	0.8	-0.8
Uncooked beef roasts ^{1, 2}	0.059	1.7	1.2	-3.8	-0.4	1.2
Uncooked beef steaks ²	0.158	0.0	-0.4	0.3	0.4	0.5
Uncooked other beef and veal ^{1, 2}	0.038	2.2	-1.6	0.9	-0.4	-1.6
Pork.....	0.294	-1.4	-1.6	-0.7	1.8	0.1
Bacon, breakfast sausage, and related products ²	0.131	-1.9	-1.0	-1.1	2.9	0.0
Bacon and related products ³		-0.5	0.5	-1.3	3.3	2.2
Breakfast sausage and related products ^{2, 3}		-3.2	-2.9	-0.6	1.0	-2.2
Ham.....	0.053	-2.3	-4.0	-1.8	2.4	-0.5
Ham, excluding canned ³		-2.6	-4.6	-1.7	2.2	-0.8
Pork chops ¹	0.043	2.6	0.7	0.2	-2.3	0.7
Other pork including roasts, steaks, and ribs ²	0.067	-2.4	-2.2	0.4	2.9	-0.7
Other meats.....	0.219	-0.7	0.6	-0.4	0.2	0.3
Frankfurters ³		0.4	1.6	0.7	0.5	0.2
Lunchmeats ^{2, 3}		-0.9	0.5	0.0	0.1	0.3
Lamb and organ meats ^{1, 3}						
Lamb and mutton ^{1, 2, 3}						
Poultry ¹	0.313	-1.4	0.1	0.6	-0.4	0.1
Chicken ^{1, 2}	0.257	-0.8	0.5	1.0	-0.8	0.5
Fresh whole chicken ^{1, 3}		-2.2	-1.5	0.3	-0.6	-1.5
Fresh and frozen chicken parts ^{1, 3}		0.2	1.3	1.5	-0.7	1.3
Other uncooked poultry including turkey ²	0.056	-4.5	-2.0	-1.3	4.6	-2.4
Fish and seafood.....	0.253	3.2	-0.1	1.4	0.2	0.7
Fresh fish and seafood ²	0.129	4.9	0.5	1.6	0.9	1.7
Processed fish and seafood ²	0.123	1.4	-0.7	1.4	-0.7	-0.2
Shelf stable fish and seafood ^{1, 3}		3.6	-0.6	1.8	0.6	-0.6

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
Frozen fish and seafood ³		1.2	-1.0	1.4	-0.7	-0.1
Eggs.....	0.092	-2.2	1.3	0.3	-0.8	-2.9
Dairy and related products.....	0.724	-0.1	0.4	-0.4	-0.2	0.3
Milk ^{1, 2}	0.201	-1.2	-0.5	0.7	0.5	-0.5
Fresh whole milk ³		-1.8	-0.1	0.8	-1.0	-0.6
Fresh milk other than whole ^{2, 3}		-0.1	-0.3	0.8	1.1	-1.4
Cheese and related products.....	0.236	-0.4	0.1	-1.1	0.0	0.5
Ice cream and related products.....	0.104	1.2	1.1	0.0	-0.4	0.1
Other dairy and related products ^{1, 2}	0.183	0.7	1.2	-0.3	-1.5	1.2
Fruits and vegetables.....	1.273	1.6	1.6	-0.7	0.0	1.7
Fresh fruits and vegetables.....	1.010	1.8	1.9	-0.8	0.1	1.9
Fresh fruits.....	0.536	-0.7	0.5	-1.8	-0.8	1.3
Apples.....	0.073	-0.3	1.6	2.8	-0.9	2.1
Bananas ¹	0.078	0.9	1.4	-0.7	-1.0	1.4
Citrus fruits ²	0.158	5.0	-2.5	-2.5	3.9	3.3
Oranges, including tangerines ³		3.6	-2.8	-2.8	5.6	5.6
Other fresh fruits ²	0.227	-4.8	1.9	-3.2	-2.5	-0.1
Fresh vegetables.....	0.473	4.6	3.4	0.3	1.0	2.6
Potatoes.....	0.073	1.8	0.4	1.9	0.6	0.9
Lettuce.....	0.060	15.0	13.4	1.5	-2.6	14.5
Tomatoes ¹	0.081	1.6	5.5	-0.4	7.5	5.5
Other fresh vegetables.....	0.259	4.0	1.3	0.5	1.2	0.3
Processed fruits and vegetables ²	0.264	0.9	0.7	-0.4	-0.3	0.7
Canned fruits and vegetables ²	0.143	3.1	1.6	-1.0	-0.4	1.5
Canned fruits ^{2, 3}		2.3	1.4	-0.5	-0.1	1.4
Canned vegetables ^{2, 3}		4.2	1.7	-1.8	0.1	1.3
Frozen fruits and vegetables ²	0.077	-2.5	-1.4	0.6	1.0	-1.3
Frozen vegetables ³		-1.7	-0.5	0.7	1.2	-0.7
Other processed fruits and vegetables including dried ²	0.043	-0.4	1.2	-0.3	-1.1	1.2
Dried beans, peas, and lentils ^{1, 2, 3}		-4.1	1.3	-0.7	-1.5	1.3
Nonalcoholic beverages and beverage materials.....	0.863	1.4	0.3	0.2	-0.4	0.3
Juices and nonalcoholic drinks ²	0.614	2.5	0.0	0.3	-0.3	0.1
Carbonated drinks.....	0.254	4.1	0.1	0.5	0.0	0.3
Frozen noncarbonated juices and drinks ^{1, 2}	0.009	0.2	0.1	1.1	0.9	0.1
Nonfrozen noncarbonated juices and drinks ²	0.351	1.5	0.0	0.4	-0.5	0.2
Beverage materials including coffee and tea ²	0.250	-1.2	0.8	0.3	-0.9	0.8
Coffee.....	0.160	-2.0	0.6	0.2	-0.6	0.7
Roasted coffee ³		-1.3	0.6	0.2	0.0	1.1
Instant coffee ^{1, 3}		-4.0	2.0	1.5	-3.0	2.0
Other beverage materials including tea ^{1, 2}	0.090	0.2	1.2	0.7	-1.0	1.2
Other food at home.....	1.832	0.2	-0.3	0.0	0.3	-0.3
Sugar and sweets ¹	0.277	0.0	-0.5	-0.7	0.3	-0.5
Sugar and artificial sweeteners.....	0.041	-3.0	-1.8	-1.0	0.1	-1.4
Candy and chewing gum ^{1, 2}	0.184	1.3	-0.1	0.1	0.9	-0.1
Other sweets ²	0.053	-2.0	-1.0	-1.9	1.2	-0.9
Fats and oils.....	0.211	-0.5	-0.1	-0.3	0.3	-0.4
Butter and margarine ²	0.060	0.0	-1.0	-0.7	1.7	-0.7
Butter ³		-0.2	-1.9	-0.5	1.5	-0.7
Margarine ³		0.6	-0.1	-0.9	1.2	-1.4
Salad dressing ²	0.052	1.2	1.1	0.0	0.5	-0.4
Other fats and oils including peanut butter ²	0.100	-1.7	-0.1	-0.1	-0.3	-0.2
Peanut butter ^{1, 2, 3}		6.2	1.3	3.4	-1.8	1.3
Other foods.....	1.344	0.3	-0.3	0.3	0.3	-0.2

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
Soups.....	0.079	-1.4	1.6	1.4	-1.7	2.5
Frozen and freeze dried prepared foods ¹	0.232	-1.3	0.2	-0.3	-0.4	0.2
Snacks ¹	0.315	0.6	-1.9	0.4	0.5	-1.9
Spices, seasonings, condiments, sauces.....	0.269	1.0	-0.5	0.6	0.7	-0.4
Salt and other seasonings and spices ^{2, 3}		1.6	-1.1	1.1	-0.2	-1.1
Olives, pickles, relishes ^{1, 2, 3}		4.3				
Sauces and gravies ^{2, 3}		0.0	0.1	0.1	0.1	-0.1
Other condiments ³		0.9	0.1	-2.3	0.9	1.0
Baby food ^{1, 2}	0.051	7.2	0.3	1.1	2.8	0.3
Other miscellaneous foods ^{1, 2}	0.398	0.1	0.3	0.0	1.4	0.3
Prepared salads ^{1, 3, 4}		-1.9	-0.6	0.8	0.6	-0.6
Food away from home ¹	6.011	2.8	0.4	0.1	0.3	0.4
Full service meals and snacks ^{1, 2}	2.988	2.8	0.5	0.2	0.2	0.5
Limited service meals and snacks ^{1, 2}	2.553	2.7	0.4	-0.1	0.3	0.4
Food at employee sites and schools ²	0.182	2.3	0.2	1.0	-0.2	-0.2
Food at elementary and secondary schools ^{1, 3, 5}		2.0	0.1	0.1	0.0	0.1
Food from vending machines and mobile vendors ^{1, 2}	0.092	4.2	0.3	0.3	0.5	0.3
Other food away from home ^{1, 2}	0.197	4.0	0.1	0.0	0.5	0.1
Energy.....	7.679	-0.3	-4.6	2.4	-2.2	-3.5
Energy commodities.....	4.351	-1.8	-9.6	2.9	-4.1	-7.4
Fuel oil and other fuels.....	0.196	1.3	-5.9	1.6	-2.5	-7.8
Fuel oil.....	0.121	1.9	-9.6	3.7	-2.9	-11.4
Propane, kerosene, and firewood ⁶	0.075	0.5	0.0	-0.8	-1.3	-1.3
Motor fuel.....	4.155	-1.9	-9.7	3.0	-4.1	-7.4
Gasoline (all types).....	4.060	-2.1	-9.9	3.0	-4.2	-7.5
Gasoline, unleaded regular ³		-2.7	-10.2	3.0	-4.5	-7.8
Gasoline, unleaded midgrade ^{3, 7}		-0.2	-8.6	2.8	-2.2	-6.6
Gasoline, unleaded premium ³		1.3	-7.6	3.3	-2.6	-5.5
Other motor fuels ²	0.095	8.8	-4.6	3.2	-1.8	-3.8
Energy services.....	3.329	1.4	1.8	1.7	0.4	1.8
Electricity.....	2.582	1.1	0.6	2.3	0.3	0.7
Utility (piped) gas service.....	0.747	2.3	6.0	-0.6	0.7	5.6
All items less food and energy.....	79.065	2.2	0.0	0.2	0.2	0.2
Commodities less food and energy commodities.....	19.536	0.1	-0.5	0.3	0.2	0.1
Household furnishings and supplies ⁸	3.353	0.9	0.0	0.4	0.1	-0.1
Window and floor coverings and other linens ^{1, 2}	0.257	-0.9	-1.4	2.2	-2.8	-1.4
Floor coverings ^{1, 2}	0.056	4.2	0.2	0.1	0.7	0.2
Window coverings ^{1, 2}	0.045	-5.8	-2.1	1.7	-1.4	-2.1
Other linens ^{1, 2}	0.156	-1.2	-1.7	3.1	-4.4	-1.7
Furniture and bedding.....	0.882	1.7	0.6	0.1	-0.6	0.5
Bedroom furniture ¹	0.321	0.7	0.0	0.9	-1.5	0.0
Living room, kitchen, and dining room furniture ^{1, 2}	0.426	3.3	1.1	-0.2	0.1	1.1
Other furniture ²	0.124	-1.2	0.8	0.5	-0.8	0.5
Infants' furniture ^{1, 3, 5}		-4.7	-0.3	-1.9	0.9	-0.3
Appliances ²	0.215	4.7	-0.4	1.6	-0.2	-0.3
Major appliances ²	0.078	9.1	2.5	0.5	0.9	0.2
Laundry equipment ³		13.2	0.4	0.2	3.0	-1.5
Other appliances ²	0.133	2.2	-2.1	2.0	-0.5	-1.1
Other household equipment and furnishings ²	0.503	-4.9	-2.1	1.8	0.9	-1.9
Clocks, lamps, and decorator items ¹	0.280	-7.0	-3.8	2.0	2.8	-3.8
Indoor plants and flowers ⁹	0.091	0.0	1.0	-0.1	-1.5	0.2
Dishes and flatware ^{1, 2}	0.053	-9.4	-2.1	1.9	-2.4	-2.1
Nonelectric cookware and tableware ²	0.079	0.6	-0.1	2.4	-2.7	1.4

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, December 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
Tools, hardware, outdoor equipment and supplies ² . . .	0.660	1.1	0.6	0.1	-0.2	0.7
Tools, hardware and supplies ^{1, 2}	0.194	2.0	1.6	-0.4	-1.0	1.6
Outdoor equipment and supplies ²	0.307	0.6	-0.1	0.3	0.1	0.0
Housekeeping supplies ¹	0.837	3.1	0.6	0.2	0.5	0.6
Household cleaning products ²	0.330	1.6	0.3	-0.2	0.1	-0.3
Household paper products ^{1, 2}	0.223	3.8	0.9	-0.1	1.9	0.9
Miscellaneous household products ^{1, 2}	0.283	4.4	0.8	0.5	0.1	0.8
Apparel	3.057	-0.1	-3.5	0.1	-0.9	0.0
Men's and boys' apparel	0.762	1.7	-3.8	1.7	-1.3	-0.6
Men's apparel	0.585	-1.4	-4.3	1.5	-2.0	-1.3
Men's suits, sport coats, and outerwear	0.105	-2.7	-3.4	3.9	-1.8	2.1
Men's furnishings	0.157	2.4	-3.8	0.9	0.0	-2.1
Men's shirts and sweaters ²	0.168	-2.8	-6.8	0.6	-4.1	-1.4
Men's pants and shorts	0.148	-2.9	-2.7	2.3	-2.7	-1.2
Boys' apparel	0.177	13.1	-2.0	0.9	1.0	1.1
Women's and girls' apparel	1.247	-1.3	-4.9	-1.3	-0.8	0.2
Women's apparel	1.065	-0.8	-4.9	-1.7	-0.7	0.5
Women's outerwear	0.075	2.7	-5.2	-6.4	2.5	2.8
Women's dresses	0.128	-1.3	-6.0	-4.3	-2.7	1.0
Women's suits and separates ²	0.554	-0.8	-5.7	-0.5	-1.7	1.1
Women's underwear, nightwear, sportswear and accessories ²	0.296	-1.3	-3.0	-0.1	0.8	-0.9
Girls' apparel	0.182	-4.3	-4.6	1.1	-1.7	-1.9
Footwear	0.667	-0.1	-1.7	-0.3	0.1	0.0
Men's footwear ¹	0.216	4.3	-0.5	-0.2	-0.5	-0.5
Boys' and girls' footwear	0.159	-1.9	-1.9	-2.2	0.2	-0.4
Women's footwear	0.292	-2.3	-2.4	0.6	-0.2	-0.6
Infants' and toddlers' apparel	0.139	5.7	-0.4	0.8	-1.9	1.2
Jewelry and watches ⁶	0.243	-2.1	-2.8	2.5	-1.9	0.4
Watches ^{1, 6}	0.098	0.5	-3.4	9.1	-9.4	-3.4
Jewelry ⁶	0.145	-3.8	-2.3	-1.5	1.6	0.8
Transportation commodities less motor fuel ⁸	6.579	0.5	0.2	0.8	0.9	0.0
New vehicles	3.704	-0.3	0.2	-0.2	0.0	0.0
New cars and trucks ^{2, 3}		-0.2	0.2	-0.2	0.0	0.0
New cars ³		0.2	0.1	-0.2	0.1	-0.2
New trucks ^{3, 10}		-0.7	0.2	-0.1	0.0	0.0
Used cars and trucks	2.382	1.4	0.0	2.6	2.4	-0.2
Motor vehicle parts and equipment ¹	0.380	2.2	0.4	0.2	0.3	0.4
Tires ¹	0.224	1.3	1.0	0.5	0.1	1.0
Vehicle accessories other than tires ^{1, 2}	0.156	3.5	-0.4	-0.2	0.7	-0.4
Vehicle parts and equipment other than tires ^{1, 3}		2.9	-0.8	0.1	0.3	-0.8
Motor oil, coolant, and fluids ^{1, 3}		5.9	1.3	-4.2	4.3	1.3
Medical care commodities	1.713	-0.5	-0.6	-0.1	0.4	-0.2
Medicinal drugs ^{1, 8}	1.655	-0.6	-0.7	-0.3	0.3	-0.7
Prescription drugs	1.312	-0.6	-0.6	-0.6	0.5	-0.4
Nonprescription drugs ^{1, 8}	0.343	-0.4	-0.7	1.5	0.4	-0.7
Medical equipment and supplies ^{1, 8}	0.057	1.8	-0.3	0.5	0.5	-0.3
Recreation commodities ⁸	1.781	-1.3	1.0	-0.5	0.0	1.3
Video and audio products ⁸	0.226	-11.0	-1.5	-0.6	-0.8	-0.8
Televisions	0.100	-18.6	-2.8	-1.2	-1.5	-1.7
Other video equipment ²	0.026	-0.9	-1.2	-0.8	0.6	1.7
Audio equipment ¹	0.043	-4.2	-0.8	2.6	-2.0	-0.8
Recorded music and music subscriptions ^{1, 2}	0.047	-5.8	-0.1	-2.0	0.7	-0.1
Pets and pet products ¹	0.601	2.2	0.4	0.0	0.1	0.4

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
Pet food ^{1, 2, 3}		1.3	0.1	0.1	0.0	0.1
Purchase of pets, pet supplies, accessories ^{1, 2, 3}		3.3	0.8	-0.3	0.3	0.8
Sporting goods.....	0.484	2.5	3.9	-1.4	0.7	4.0
Sports vehicles including bicycles ¹	0.275	6.5	6.7	-1.7	0.5	6.7
Sports equipment.....	0.203	-2.7	0.2	-0.8	0.6	0.7
Photographic equipment and supplies.....	0.034	-3.8	-3.5	1.9	1.3	-1.6
Film and photographic supplies ^{1, 2, 3}						
Photographic equipment ^{2, 3}		-2.2	-2.7	2.0	1.3	-0.6
Recreational reading materials ¹	0.115	4.3	0.0	1.5	0.3	0.0
Newspapers and magazines ^{1, 2}	0.071	7.7	-0.3	2.5	0.8	-0.3
Recreational books ^{1, 2}	0.044	-0.7	0.7	0.1	-0.4	0.7
Other recreational goods ²	0.321	-7.1	0.5	-0.7	-0.7	1.0
Toys.....	0.251	-9.0	0.1	-0.8	-0.9	0.8
Toys, games, hobbies and playground equipment ^{1, 3}		-8.4	0.6	-2.0	-0.4	1.4
Sewing machines, fabric and supplies ^{1, 2}	0.023	7.9	7.1	-1.2	0.9	7.1
Music instruments and accessories ^{1, 2}	0.036	-2.5	-1.1	0.3	-0.3	-1.1
Education and communication commodities ⁸	0.533	-3.3	0.2	-1.5	-1.3	0.7
Educational books and supplies.....	0.130	1.0	0.7	-0.8	-0.5	1.1
College textbooks ^{1, 3, 11}		-0.2	-2.0	0.4	0.0	-2.0
Information technology commodities ⁸	0.404	-4.6	0.1	-1.7	-1.5	0.7
Personal computers and peripheral equipment ⁴	0.306	-3.0	0.7	-1.6	-1.8	1.4
Computer software and accessories ^{1, 2}	0.025	-3.0	-2.2	0.2	0.4	-2.2
Telephone hardware, calculators, and other consumer information items ^{1, 2}	0.073	-11.2	-1.5	-2.5	-1.3	-1.5
Alcoholic beverages.....	0.970	1.8	-0.1	0.1	0.3	0.0
Alcoholic beverages at home.....	0.603	1.5	-0.1	0.1	0.3	0.2
Beer, ale, and other malt beverages at home.....	0.270	1.9	-0.1	0.3	0.3	0.0
Distilled spirits at home.....	0.081	1.3	0.0	-0.7	0.6	0.6
Whiskey at home ^{1, 3}		-0.3	-0.2	0.1	0.3	-0.2
Distilled spirits, excluding whiskey, at home ^{1, 3}		2.4	0.4	-0.2	0.2	0.4
Wine at home.....	0.253	1.1	-0.2	0.0	0.2	0.3
Alcoholic beverages away from home ¹	0.367	2.2	0.0	0.1	0.3	0.0
Beer, ale, and other malt beverages away from home ^{1, 2, 3}		2.2	0.0	0.0	0.6	0.0
Wine away from home ^{1, 2, 3}		2.6	0.2	0.2	0.0	0.2
Distilled spirits away from home ^{1, 2, 3}		1.4	-0.2	0.1	-0.1	-0.2
Other goods ⁸	1.549	-0.1	-0.4	-0.3	0.2	-0.4
Tobacco and smoking products.....	0.659	3.4	-0.1	1.3	0.4	-0.4
Cigarettes ²	0.585	3.4	-0.1	1.4	0.4	-0.3
Tobacco products other than cigarettes ^{1, 2}	0.060	2.9	-0.1	0.5	0.4	-0.1
Personal care products ¹	0.686	-0.4	0.0	-0.2	-0.2	0.0
Hair, dental, shaving, and miscellaneous personal care products ^{1, 2}	0.379	0.9	0.1	-0.2	-0.3	0.1
Cosmetics, perfume, bath, nail preparations and implements ¹	0.301	-1.9	-0.2	-0.3	-0.1	-0.2
Miscellaneous personal goods ²	0.203	-9.3	-2.3	-5.6	0.9	-1.8
Stationery, stationery supplies, gift wrap ³		-3.4	-0.1	-3.5	1.0	0.4
Infants' equipment ^{1, 3, 5}		-8.8	0.1	-0.8	2.2	0.1
Services less energy services.....	59.529	2.9	0.1	0.2	0.2	0.3
Shelter.....	33.078	3.2	0.2	0.2	0.3	0.3
Rent of shelter ¹²	32.704	3.2	0.2	0.2	0.3	0.3
Rent of primary residence.....	7.897	3.5	0.3	0.2	0.4	0.2
Lodging away from home ²	0.882	0.7	0.2	-2.1	0.2	2.7

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
Housing at school, excluding board ¹²	0.114	2.5	0.0	0.2	0.2	0.1
Other lodging away from home including hotels and motels.....	0.768	0.5	0.3	-2.4	0.1	3.1
Owners' equivalent rent of residences ¹²	23.924	3.2	0.2	0.3	0.3	0.2
Owners' equivalent rent of primary residence ¹² ..	22.589	3.2	0.2	0.3	0.3	0.2
Tenants' and household insurance ^{1, 2}	0.374	1.9	-0.1	-0.2	0.1	-0.1
Water and sewer and trash collection services ²	1.096	4.5	0.2	0.3	1.2	0.3
Water and sewerage maintenance.....	0.822	3.6	0.3	0.3	0.6	0.4
Garbage and trash collection ^{1, 10}	0.274	7.1	-0.1	0.3	3.0	-0.1
Household operations ^{1, 2}	0.873	6.8	2.0	0.0	0.3	2.0
Domestic services ^{1, 2}	0.301	3.9	1.4	0.0	1.0	1.4
Gardening and lawncare services ^{1, 2}				0.1	-0.2	
Moving, storage, freight expense ²	0.102	3.8	1.5	0.5	0.3	0.8
Repair of household items ^{1, 2}	0.105	4.5	1.4	-0.6	0.0	1.4
Medical care services.....	6.932	2.6	0.3	0.2	0.4	0.4
Professional services.....	3.243	1.0	0.0	0.2	-0.2	0.1
Physicians' services.....	1.726	0.6	0.0	0.0	-0.3	0.0
Dental services.....	0.782	2.3	0.1	0.3	0.1	0.2
Eyeglasses and eye care ^{1, 6}	0.317	1.4	0.3	0.0	0.1	0.3
Services by other medical professionals ^{1, 6}	0.418	0.1	0.0	0.1	0.4	0.0
Hospital and related services.....	2.608	3.6	0.2	0.0	0.4	0.4
Hospital services ¹³	2.327	3.7	0.2	0.0	0.5	0.5
Inpatient hospital services ^{13, 3}		2.8	0.3	-0.3	0.1	0.6
Outpatient hospital services ^{3, 6}		4.0	0.2	0.1	1.0	0.6
Nursing homes and adult day services ¹³	0.193	3.8	0.0	0.5	0.2	0.2
Care of invalids and elderly at home ^{1, 5}	0.088	2.5	-0.1	0.0	0.3	-0.1
Health insurance ^{1, 5}	1.081	5.4	1.3	1.1	1.4	1.3
Transportation services.....	5.990	2.8	-0.6	0.1	-0.3	-0.2
Leased cars and trucks ^{1, 11}	0.647	4.1	1.0	-1.2	-0.2	1.0
Car and truck rental ²	0.119	6.1	1.8	3.3	2.5	-0.1
Motor vehicle maintenance and repair ¹	1.126	2.3	-0.1	0.2	0.4	-0.1
Motor vehicle body work ¹	0.056	3.2	0.1	0.7	0.0	0.1
Motor vehicle maintenance and servicing ¹	0.633	3.1	0.2	0.2	0.4	0.2
Motor vehicle repair ^{1, 2}	0.373	0.8	-0.7	0.1	0.4	-0.7
Motor vehicle insurance.....	2.409	4.6	-0.1	0.5	-0.5	-0.2
Motor vehicle fees ^{1, 2}	0.542	2.8	-0.2	0.1	0.3	-0.2
State motor vehicle registration and license fees ^{1, 2}	0.280	1.6	0.0	0.1	0.3	0.0
Parking and other fees ^{1, 2}	0.245	4.3	-0.4	0.0	0.4	-0.4
Parking fees and tolls ^{2, 3}		2.8	-0.2	0.2	0.5	-0.2
Automobile service clubs ^{1, 2, 3}						
Public transportation.....	1.147	-1.7	-3.3	-0.1	-1.2	-0.9
Airline fares.....	0.699	-2.6	-5.9	0.0	-2.4	-1.5
Other intercity transportation.....	0.164	-1.5	1.6	-0.3	-0.3	0.0
Intercity bus fare ^{1, 3, 4}		6.4	7.9	-2.0	2.8	7.9
Intercity train fare ^{1, 3, 4}						
Ship fare ^{1, 2, 3}		-0.7	-0.8	0.1	-0.6	-0.8
Intracity transportation ¹	0.277	0.6	0.3	-0.3	0.0	0.3
Intracity mass transit ^{1, 3, 8}		1.5	0.0	-0.3	0.0	0.0
Recreation services ⁸	3.868	2.3	0.2	0.0	0.5	0.3
Video and audio services ⁸	1.589	1.7	0.0	-0.1	0.3	0.4
Cable and satellite television service ¹⁰	1.501	1.7	0.2	-0.3	0.3	0.6
Video discs and other media, including rental of video ^{1, 2}	0.088	1.5	-3.0	3.1	-0.2	-3.0

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, December 2018 — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
Video discs and other media ^{1, 2, 3}		1.3	-4.7	5.5	-0.6	-4.7
Rental of video discs and other media ^{1, 2, 3}		0.9	0.1	0.4	-0.2	0.1
Pet services including veterinary ²	0.414	2.7	0.3	0.5	0.2	0.3
Pet services ^{1, 2, 3}		3.3	0.1	0.4	0.1	0.1
Veterinarian services ^{2, 3}		2.7	0.3	0.6	0.0	0.3
Photographers and photo processing ^{1, 2}	0.039	1.4	0.1	-0.4	1.4	0.1
Photographer fees ^{1, 2, 3}						
Photo processing ^{1, 2, 3}		-3.2	0.1	-1.4	2.8	0.1
Other recreation services ²	1.824	2.8	0.4	0.1	0.8	0.3
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{1, 2}	0.680	2.4	-0.4	0.4	1.5	-0.4
Admissions.....	0.648	3.7	1.7	-0.5	0.3	1.6
Admission to movies, theaters, and concerts ^{1, 2, 3}		1.1	0.4	0.0	-0.6	0.4
Admission to sporting events ^{1, 2, 3}		9.2	4.9	-1.5	-0.2	4.9
Fees for lessons or instructions ^{1, 6}	0.220	1.6	-0.7	0.7	0.6	-0.7
Education and communication services ⁸	6.042	0.5	0.0	0.0	-0.4	0.1
Tuition, other school fees, and childcare.....	2.914	2.7	0.0	0.2	0.3	0.2
College tuition and fees.....	1.622	2.8	0.0	0.6	0.3	0.2
Elementary and high school tuition and fees.....	0.337	4.4	-0.1	0.1	0.1	0.2
Child care and nursery school ⁹	0.803	1.9	0.1	-0.4	0.3	0.4
Technical and business school tuition and fees ²	0.032	2.1	0.0	0.7	0.1	0.0
Postage and delivery services ²	0.108	2.2	-0.2	0.2	0.2	0.0
Postage.....	0.094	2.0	0.0	0.2	0.2	0.2
Delivery services ²	0.014	3.9	-1.9	0.3	0.0	-1.5
Telephone services ^{1, 2}	2.229	-2.4	-0.1	-0.2	-1.6	-0.1
Wireless telephone services ^{1, 2}	1.660	-3.2	-0.2	0.1	-2.2	-0.2
Land-line telephone services ^{1, 8}	0.569	0.0	0.2	-1.1	0.3	0.2
Internet services and electronic information providers ²	0.783	1.1	0.1	-0.4	0.2	0.1
Other personal services ^{1, 8}	1.649	4.3	0.2	0.5	0.3	0.2
Personal care services ¹	0.628	3.6	0.4	0.6	0.1	0.4
Haircuts and other personal care services ^{1, 2}	0.628	3.6	0.4	0.6	0.1	0.4
Miscellaneous personal services.....	1.020	4.7	0.0	0.5	0.6	0.1
Legal services ^{1, 6}	0.310	6.4	0.0	0.6	1.3	0.0
Funeral expenses ^{1, 6}	0.128	2.1	0.0	0.2	0.1	0.0
Laundry and dry cleaning services ^{1, 2}	0.240	3.6	0.2	0.6	-0.1	0.2
Apparel services other than laundry and dry cleaning ^{1, 2}	0.029	4.8	0.8	0.4	1.3	0.8
Financial services ⁶	0.241	4.9	-0.3	0.5	0.4	0.0
Checking account and other bank services ^{1, 2, 3}		6.4	0.0	-0.1	0.0	0.0
Tax return preparation and other accounting fees ^{2, 3}		6.0	-0.3	0.7	0.5	0.2

¹ Not seasonally adjusted.

² Indexes on a December 1997=100 base.

³ Special index based on a substantially smaller sample.

⁴ Indexes on a December 2007=100 base.

⁵ Indexes on a December 2005=100 base.

⁶ Indexes on a December 1986=100 base.

⁷ Indexes on a December 1993=100 base.

⁸ Indexes on a December 2009=100 base.

⁹ Indexes on a December 1990=100 base.

¹⁰ Indexes on a December 1983=100 base.

¹¹ Indexes on a December 2001=100 base.

¹² Indexes on a December 1982=100 base.

¹³ 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, December 2018

[1982-84=100, unless otherwise noted]

Special aggregate indexes	Relative importance Nov. 2018	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017- Dec. 2018	Nov. 2018- Dec. 2018	Sep. 2018- Oct. 2018	Oct. 2018- Nov. 2018	Nov. 2018- Dec. 2018
All items less food.....	86.745	245.785	251.657	250.605	2.0	-0.4	0.4	0.0	-0.1
All items less shelter.....	66.922	227.582	231.856	230.492	1.3	-0.6	0.4	-0.1	-0.2
All items less food and shelter.....	53.666	221.397	225.902	224.062	1.2	-0.8	0.5	-0.2	-0.4
All items less food, shelter, and energy.....	45.987	226.578	230.278	229.872	1.5	-0.2	0.2	0.1	0.2
All items less food, shelter, energy, and used cars and trucks.....	43.605	232.147	235.969	235.524	1.5	-0.2	0.1	0.0	0.2
All items less medical care.....	91.355	235.426	240.766	239.900	1.9	-0.4	0.3	0.0	-0.1
All items less energy.....	92.321	252.510	257.692	257.794	2.1	0.0	0.2	0.2	0.2
Commodities.....	37.142	180.946	184.077	181.754	0.4	-1.3	0.5	-0.3	-0.7
Commodities less food, energy, and used cars and trucks.....	17.154	144.064	144.816	144.001	0.0	-0.6	0.0	-0.1	0.1
Commodities less food.....	23.887	149.683	152.676	149.403	-0.2	-2.1	0.8	-0.7	-1.3
Commodities less food and beverages.....	22.916	146.359	149.295	145.964	-0.3	-2.2	0.8	-0.7	-1.4
Services.....	62.858	311.138	319.034	319.794	2.8	0.2	0.3	0.2	0.3
Services less rent of shelter ¹	30.154	331.010	337.836	338.672	2.3	0.2	0.3	0.1	0.4
Services less medical care services.....	55.926	296.110	303.695	304.397	2.8	0.2	0.3	0.2	0.3
Durables.....	9.897	104.083	103.913	104.169	0.1	0.2	0.4	0.6	0.1
Nondurables.....	27.245	219.981	225.342	221.263	0.6	-1.8	0.4	-0.8	-1.1
Nondurables less food.....	13.990	193.495	200.436	192.750	-0.4	-3.8	0.8	-1.7	-2.5
Nondurables less food and beverages.....	13.020	190.183	197.258	189.142	-0.5	-4.1	0.9	-1.9	-2.7
Nondurables less food, beverages, and apparel.....	9.962	237.687	246.629	236.038	-0.7	-4.3	1.2	-1.7	-3.4
Nondurables less food and apparel.....	10.933	237.357	245.875	236.236	-0.5	-3.9	1.1	-1.6	-3.1
Housing.....	41.925	253.845	260.473	261.360	3.0	0.3	0.3	0.3	0.4
Education and communication ²	6.576	136.671	136.981	136.976	0.2	0.0	-0.1	-0.5	0.1
Education ²	3.044	256.469	263.119	263.199	2.6	0.0	0.2	0.2	0.2
Communication ²	3.532	74.314	73.031	73.007	-1.8	0.0	-0.4	-1.1	0.0
Information and information processing ²	3.424	70.458	69.153	69.134	-1.9	0.0	-0.4	-1.2	0.0
Information technology, hardware and services ³	1.195	7.511	7.434	7.442	-0.9	0.1	-0.8	-0.4	0.3
Recreation ²	5.649	118.336	119.147	119.705	1.2	0.5	-0.1	0.4	0.6
Video and audio ²	1.815	103.844	103.995	103.800	0.0	-0.2	-0.1	0.1	0.2
Pets, pet products and services ²	1.015	170.000	173.488	174.113	2.4	0.4	0.2	0.1	0.4
Photography ²	0.074	74.837	75.273	74.095	-1.0	-1.6	0.7	1.4	-0.7
Food and beverages.....	14.226	251.024	254.262	255.023	1.6	0.3	-0.1	0.2	0.4
Domestically produced farm food.....	6.049	246.920	247.172	247.826	0.4	0.3	-0.3	0.4	0.4
Other services.....	11.559	349.586	355.096	355.373	1.7	0.1	0.1	0.0	0.2
Apparel less footwear.....	2.391	113.320	118.031	113.249	-0.1	-4.1	0.2	-1.2	0.0
Fuels and utilities.....	4.620	237.423	239.691	242.343	2.1	1.1	1.3	0.5	1.0
Household energy.....	3.524	197.705	197.632	200.390	1.4	1.4	1.7	0.3	1.3
Medical care.....	8.645	477.802	486.886	487.409	2.0	0.1	0.2	0.4	0.3
Transportation.....	16.725	203.023	209.924	204.541	0.7	-2.6	1.1	-0.8	-2.0
Private transportation.....	15.578	198.757	205.769	200.605	0.9	-2.5	1.2	-0.8	-2.0
New and used motor vehicles ²	6.966	98.327	98.900	99.147	0.8	0.2	0.7	0.8	0.0
Utilities and public transportation.....	9.302	214.951	215.390	215.975	0.5	0.3	0.5	-0.3	0.5
Household furnishings and operations.....	4.226	119.778	121.778	122.265	2.1	0.4	0.3	0.1	0.3
Other goods and services.....	3.197	435.831	445.480	445.059	2.1	-0.1	0.2	0.3	-0.1
Personal care.....	2.538	227.736	232.024	231.818	1.8	-0.1	-0.1	0.3	-0.1

¹ Indexes on a December 1982=100 base.

² Indexes on a December 1997=100 base.

³ Indexes on a December 1988=100 base.

Table 4. Consumer Price Index for All Urban Consumers (CPI-U): Selected areas, all items index, December 2018

[1982-84=100, unless otherwise noted]

Area	Pricing Schedule ¹	Percent change to Dec. 2018 from:			Percent change to Nov. 2018 from:		
		Dec. 2017	Oct. 2018	Nov. 2018	Nov. 2017	Sep. 2018	Oct. 2018
U.S. city average.....	M	1.9	-0.7	-0.3	2.2	-0.2	-0.3
Region and area size²							
Northeast.....	M	1.7	-0.4	-0.1	1.9	-0.5	-0.4
Northeast - Size Class A.....	M	1.8	-0.5	-0.1	1.9	-0.4	-0.3
Northeast - Size Class B/C ³	M	1.7	-0.4	0.0	1.9	-0.5	-0.4
New England ⁴	M	2.2	-0.3	0.0		-0.4	-0.3
Middle Atlantic ⁴	M	1.6	-0.5	-0.1		-0.5	-0.4
Midwest.....	M	1.3	-0.9	-0.4	1.4	-0.5	-0.6
Midwest - Size Class A.....	M	1.2	-0.8	-0.1	1.0	-0.7	-0.7
Midwest - Size Class B/C ³	M	1.3	-1.0	-0.5	1.4	-0.4	-0.5
East North Central ⁴	M	1.2	-0.7	-0.3		-0.4	-0.4
West North Central ⁴	M	1.3	-1.4	-0.4		-0.8	-1.0
South.....	M	1.5	-0.8	-0.5	1.9	-0.1	-0.3
South - Size Class A.....	M	1.8	-0.7	-0.5	2.1	0.0	-0.2
South - Size Class B/C ³	M	1.4	-0.9	-0.6	1.8	-0.1	-0.3
South Atlantic ⁴	M	2.0	-0.6	-0.4		0.0	-0.1
East South Central ⁴	M	0.9	-1.3	-0.9		-0.1	-0.4
West South Central ⁴	M	1.0	-1.1	-0.7		-0.3	-0.5
West.....	M	3.1	-0.4	-0.2	3.3	0.2	-0.2
West - Size Class A.....	M	3.2	-0.4	-0.1	3.4	0.1	-0.3
West - Size Class B/C ³	M	2.9	-0.3	-0.3	3.1	0.3	-0.1
Mountain ⁴	M	3.0	-0.1	-0.1		0.2	-0.1
Pacific ⁴	M	3.1	-0.5	-0.2		0.2	-0.2
Size classes							
Size Class A ⁵	M	2.1	-0.6	-0.2	2.3	-0.2	-0.4
Size Class B/C ³	M	1.7	-0.7	-0.4	2.0	-0.1	-0.3
Selected local areas							
Chicago-Naperville-Elgin, IL-IN-WI.....	M	1.1	-0.9	-0.3	1.0	-0.6	-0.6
Los Angeles-Long Beach-Anaheim, CA.....	M	3.2	-0.7	-0.3	3.6	0.2	-0.3
New York-Newark-Jersey City, NY-NJ-PA.....	M	1.6	-0.5	-0.2	1.9	-0.4	-0.2
Atlanta-Sandy Springs-Roswell, GA.....	2	1.4	-0.6				
Baltimore-Columbia-Towson, MD ⁶	2	1.3	-0.8				
Detroit-Warren-Dearborn, MI.....	2	1.2	-0.6				
Houston-The Woodlands-Sugar Land, TX.....	2	2.3	-0.7				
Miami-Fort Lauderdale-West Palm Beach, FL.....	2	2.9	-0.6				
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	2	1.0	-0.7				
Phoenix-Mesa-Scottsdale, AZ ⁷	2	4.3	-0.3				
San Francisco-Oakland-Hayward, CA.....	2	4.5	0.1				
Seattle-Tacoma-Bellevue, WA.....	2	2.8	0.2				
St. Louis, MO-IL.....	2	0.6	-1.7				
Urban Alaska.....	2	2.8	-0.7				
Boston-Cambridge-Newton, MA-NH.....	1				3.2	-0.4	
Dallas-Fort Worth-Arlington, TX.....	1				2.2	0.0	
Denver-Aurora-Lakewood, CO.....	1				2.0	0.0	
Minneapolis-St.Paul-Bloomington, MN-WI.....	1				1.3	-1.2	
Riverside-San Bernardino-Ontario, CA ⁴	1					0.4	
San Diego-Carlsbad, CA.....	1				2.8	-0.7	
Tampa-St. Petersburg-Clearwater, FL ⁸	1				2.3	-0.3	
Urban Hawaii.....	1				2.0	0.2	
Washington-Arlington-Alexandria, DC-VA-MD-WV ⁶	1				1.3	-0.7	

¹ Foods, fuels, and several other items are priced every month in all areas. Most other goods and services are priced as indicated: M - Every month.

¹ 1 - January, March, May, July, September, and November. 2 - February, April, June, August, October, and December.

² Regions defined as the four Census regions.

³ Indexes on a December 1996=100 base.

⁴ Indexes on a December 2017=100 base.

⁵ Indexes on a December 1986=100 base.

⁶ 1998 - 2017 indexes based on substantially smaller sample.

⁷ Indexes on a December 2001=100 base.

⁸ 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, December 2018

[Percent changes]

Month Year	Unadjusted 1-month percent change		Unadjusted 12-month percent change	
	C-CPI-U ¹	CPI-U	C-CPI-U ¹	CPI-U
December 2000.....			2.6	3.4
December 2001.....			1.3	1.6
December 2002.....			2.0	2.4
December 2003.....			1.7	1.9
December 2004.....			3.2	3.3
December 2005.....			2.9	3.4
December 2006.....			2.3	2.5
December 2007.....			3.7	4.1
December 2008.....			0.2	0.1
December 2009.....			2.5	2.7
December 2010.....			1.3	1.5
December 2011.....			2.9	3.0
December 2012.....			1.5	1.7
December 2013.....			1.3	1.5
December 2014.....			0.5	0.8
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
August 2018.....	0.0	0.1	2.5	2.7
September 2018.....	0.1	0.1	2.0	2.3
October 2018.....	0.2	0.2	2.3	2.5
November 2018.....	-0.3	-0.3	2.0	2.2
December 2018.....	-0.3	-0.3	1.8	1.9

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

Indexes are issued as initial estimates. Indexes are revised each quarter with the publication of January, April, July, and October data as updated

expenditure estimates become available. The C-CPI-U indexes are updated quarterly until they become final. January-March indexes are final in January of the following year; April-June indexes are final in April of the following year; July-September indexes are final in July of the following year; October-December indexes are final in October of the following year.

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

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018-Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items.....	100.000	-0.1		0.03	S-Mar.2018	-0.1
Food.....	13.255	0.4	0.049	0.06	L-May 2014	0.5
Food at home.....	7.244	0.3	0.025	0.10	L-Apr.2018	0.3
Cereals and bakery products.....	0.955	0.4	0.004	0.25	S-Oct.2018	-0.6
Cereals and cereal products.....	0.305	0.4	0.001	0.42	S-Oct.2018	-2.1
Flour and prepared flour mixes.....	0.038	0.5	0.000	0.66	L-Sep.2018	1.2
Breakfast cereal ⁴	0.148	1.3	0.002	0.68	L-Feb.2016	1.5
Rice, pasta, cornmeal ⁴	0.119	-0.2	0.000	0.76	S-Oct.2018	-2.8
Rice ^{4, 5, 6}		-0.7		1.21	S-Oct.2018	-2.1
Bakery products ⁴	0.650	0.3	0.002	0.28	S-Oct.2018	0.2
Bread ^{4, 5}	0.191	1.2	0.002	0.48	L-May 2018	1.5
White bread ^{4, 6}		1.9		0.59	L-Mar.2018	2.4
Bread other than white ^{4, 6}		0.6		0.81	S-Oct.2018	0.0
Fresh biscuits, rolls, muffins ⁵	0.093	-0.8	-0.001	0.71	S-Oct.2018	-1.0
Cakes, cupcakes, and cookies.....	0.164	0.7	0.001	0.58	S-Oct.2018	0.4
Cookies ⁶		0.0		0.93	S-Oct.2018	0.0
Fresh cakes and cupcakes ^{4, 6}		1.0		0.69	S-Oct.2018	0.7
Other bakery products.....	0.201	0.2	0.000	0.53	S-Oct.2018	-0.2
Fresh sweetrolls, coffeecakes, doughnuts ^{4, 6}		-0.1		0.74	S-Aug.2018	-1.1
Crackers, bread, and cracker products ⁶		0.4		0.95	S-Oct.2018	-0.5
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁶		-0.3		0.71	S-Aug.2018	-0.9
Meats, poultry, fish, and eggs.....	1.596	0.0	0.001	0.20	S-Oct.2018	0.0
Meats, poultry, and fish.....	1.504	0.2	0.003	0.21	S-Oct.2018	0.0
Meats.....	0.939	0.1	0.001	0.25	S-Oct.2018	-0.6
Beef and veal.....	0.425	0.1	0.001	0.34	S-Oct.2018	-0.7
Uncooked ground beef ⁴	0.170	-0.8	-0.001	0.53	S-Oct.2018	-0.9
Uncooked beef roasts ^{4, 5}	0.059	1.2	0.001	1.03	L-Jun.2018	2.8
Uncooked beef steaks ⁵	0.158	0.5	0.001	0.63	L-Jul.2018	1.7
Uncooked other beef and veal ^{4, 5}	0.038	-1.6	-0.001	0.86	S-Sep.2017	-2.4
Pork.....	0.294	0.1	0.000	0.55	S-Oct.2018	-0.7
Bacon, breakfast sausage, and related products ⁵	0.131	0.0	0.000	0.68	S-Oct.2018	-1.1
Bacon and related products ⁶		2.2		1.01	S-Oct.2018	-1.3
Breakfast sausage and related products ^{5, 6}		-2.2		1.08	S-May 2016	-2.3
Ham.....	0.053	-0.5	0.000	1.44	S-Oct.2018	-1.8
Ham, excluding canned ⁶		-0.8		1.40	S-Oct.2018	-1.7
Pork chops ⁴	0.043	0.7	0.000	1.37	L-Aug.2018	2.8
Other pork including roasts, steaks, and ribs ⁵	0.067	-0.7	0.000	1.19	S-Sep.2018	-3.4
Other meats.....	0.219	0.3	0.001	0.54	L-Jul.2018	0.8
Frankfurters ⁶		0.2		1.43	S-Sep.2018	-1.4
Lunchmeats ^{5, 6}		0.3		0.54	L-Jul.2018	0.9
Lamb and organ meats ^{4, 6}						
Lamb and mutton ^{4, 5, 6}						
Poultry ⁴	0.313	0.1	0.000	0.52	L-Oct.2018	0.6
Chicken ^{4, 5}	0.257	0.5	0.001	0.62	L-Oct.2018	1.0
Fresh whole chicken ^{4, 6}		-1.5		1.14	S-Apr.2017	-1.9
Fresh and frozen chicken parts ^{4, 6}		1.3		0.71	L-Oct.2018	1.5
Other uncooked poultry including turkey ⁵	0.056	-2.4	-0.001	0.89	S-Jan.2010	-2.7
Fish and seafood.....	0.253	0.7	0.002	0.51	L-Oct.2018	1.4
Fresh fish and seafood ⁵	0.129	1.7	0.002	0.75	L-Aug.2018	1.9
Processed fish and seafood ⁵	0.123	-0.2	0.000	0.64	L-Oct.2018	1.4

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, December 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018-Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Shelf stable fish and seafood ^{4, 6}		-0.6		1.05	S-Sep.2018	-1.0
Frozen fish and seafood ⁶		-0.1		1.10	L-Oct.2018	1.4
Eggs.....	0.092	-2.9	-0.003	0.90	S-Sep.2018	-4.1
Dairy and related products.....	0.724	0.3	0.002	0.28	L-Jun.2018	0.7
Milk ^{4, 5}	0.201	-0.5	-0.001	0.38	S-Jul.2018	-0.8
Fresh whole milk ⁶		-0.6		0.56	L-Oct.2018	0.8
Fresh milk other than whole ^{5, 6}		-1.4		0.51	S-Jul.2018	-1.9
Cheese and related products.....	0.236	0.5	0.001	0.51	L-Jun.2018	1.4
Ice cream and related products.....	0.104	0.1	0.000	0.75	L-Sep.2018	0.1
Other dairy and related products ^{4, 5}	0.183	1.2	0.002	0.56	L-Jul.2017	1.3
Fruits and vegetables.....	1.273	1.7	0.021	0.30	L-Apr.2017	1.8
Fresh fruits and vegetables.....	1.010	1.9	0.019	0.36	L-Apr.2017	2.4
Fresh fruits.....	0.536	1.3	0.007	0.45	L-Jun.2018	1.6
Apples.....	0.073	2.1	0.002	1.15	L-Oct.2018	2.8
Bananas ⁴	0.078	1.4	0.001	0.64	L-Feb.2018	1.4
Citrus fruits ⁵	0.158	3.3	0.005	0.75	S-Oct.2018	-2.5
Oranges, including tangerines ⁶		5.6		1.25	-	-
Other fresh fruits ⁵	0.227	-0.1	0.000	0.73	L-Jul.2018	1.3
Fresh vegetables.....	0.473	2.6	0.012	0.56	L-Apr.2017	4.3
Potatoes.....	0.073	0.9	0.001	1.22	L-Oct.2018	1.9
Lettuce.....	0.060	14.5	0.008	1.62	L-Apr.2017	16.2
Tomatoes ⁴	0.081	5.5	0.004	1.10	S-Oct.2018	-0.4
Other fresh vegetables.....	0.259	0.3	0.001	0.69	S-Sep.2018	-0.2
Processed fruits and vegetables ⁵	0.264	0.7	0.002	0.44	L-Aug.2018	1.2
Canned fruits and vegetables ⁵	0.143	1.5	0.002	0.65	L-Apr.2018	1.5
Canned fruits ^{5, 6}		1.4		0.78	L-Apr.2018	4.3
Canned vegetables ^{5, 6}		1.3		0.77	L-Aug.2018	1.4
Frozen fruits and vegetables ⁵	0.077	-1.3	-0.001	0.83	S-May 2018	-2.4
Frozen vegetables ⁶		-0.7		1.00	S-May 2018	-1.8
Other processed fruits and vegetables including dried ⁵	0.043	1.2	0.001	0.76	L-Aug.2018	1.9
Dried beans, peas, and lentils ^{4, 5, 6}		1.3		0.80	L-Apr.2018	2.0
Nonalcoholic beverages and beverage materials.....	0.863	0.3	0.003	0.36	L-Sep.2018	0.6
Juices and nonalcoholic drinks ⁵	0.614	0.1	0.001	0.41	L-Oct.2018	0.3
Carbonated drinks.....	0.254	0.3	0.001	0.77	L-Oct.2018	0.5
Frozen noncarbonated juices and drinks ^{4, 5}	0.009	0.1	0.000	0.73	S-Sep.2018	-1.4
Nonfrozen noncarbonated juices and drinks ⁵	0.351	0.2	0.001	0.51	L-Oct.2018	0.4
Beverage materials including coffee and tea ⁵	0.250	0.8	0.002	0.61	L-Mar.2018	0.9
Coffee.....	0.160	0.7	0.001	0.77	L-Mar.2018	1.0
Roasted coffee ⁶		1.1		1.08	L-Dec.2017	2.1
Instant coffee ^{4, 6}		2.0		0.71	L-Mar.2018	2.0
Other beverage materials including tea ^{4, 5}	0.090	1.2	0.001	0.99	L-Jul.2018	1.7
Other food at home.....	1.832	-0.3	-0.005	0.20	S-Nov.2016	-0.4
Sugar and sweets ⁴	0.277	-0.5	-0.001	0.49	S-Oct.2018	-0.7
Sugar and artificial sweeteners.....	0.041	-1.4	-0.001	0.67	S-May 2016	-1.5
Candy and chewing gum ^{4, 5}	0.184	-0.1	0.000	0.69	S-Jul.2018	-0.9
Other sweets ⁵	0.053	-0.9	0.000	0.84	S-Oct.2018	-1.9
Fats and oils.....	0.211	-0.4	-0.001	0.44	S-Aug.2018	-0.4
Butter and margarine ⁵	0.060	-0.7	0.000	0.88	S-Oct.2018	-0.7
Butter ⁶		-0.7		1.01	S-Aug.2018	-2.2
Margarine ⁶		-1.4		0.98	S-May 2016	-1.7
Salad dressing ⁵	0.052	-0.4	0.000	1.03	S-Jun.2018	-0.8
Other fats and oils including peanut butter ⁵	0.100	-0.2	0.000	0.56	L-Oct.2018	-0.1

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018-Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Peanut butter ^{4, 5, 6}		1.3		0.63	L-Oct.2018	3.4
Other foods.....	1.344	-0.2	-0.003	0.25	S-Jan.2018	-0.2
Soups.....	0.079	2.5	0.002	1.07	L-Sep.2017	2.9
Frozen and freeze dried prepared foods ⁴	0.232	0.2	0.000	0.54	L-Apr.2018	0.6
Snacks ⁴	0.315	-1.9	-0.006	0.72	S-May 2009	-2.5
Spices, seasonings, condiments, sauces.....	0.269	-0.4	-0.001	0.54	S-Jul.2018	-0.4
Salt and other seasonings and spices ^{5, 6}		-1.1		0.96	S-Aug.2018	-1.4
Olives, pickles, relishes ^{4, 5, 6}				1.31	—	—
Sauces and gravies ^{5, 6}		-0.1		0.81	S-Jul.2018	-2.0
Other condiments ⁶		1.0		0.65	L-Sep.2018	3.9
Baby food ^{4, 5}	0.051	0.3	0.000	0.52	S-Jul.2018	-0.7
Other miscellaneous foods ^{4, 5}	0.398	0.3	0.001	0.41	S-Oct.2018	0.0
Prepared salads ^{4, 7, 6}		-0.6		0.76	S-Sep.2018	-0.9
Food away from home ⁴	6.011	0.4	0.024	0.04	L-Jan.2018	0.4
Full service meals and snacks ^{4, 5}	2.988	0.5	0.014	0.04	L-Mar.2011	0.5
Limited service meals and snacks ^{4, 5}	2.553	0.4	0.009	0.07	L-Jan.2018	0.5
Food at employee sites and schools ⁵	0.182	-0.2	0.000	0.38	—	—
Food at elementary and secondary schools ^{4, 8, 6}		0.1		0.49	L-Oct.2018	0.1
Food from vending machines and mobile vendors ^{4, 5}	0.092	0.3	0.000	0.11	S-Oct.2018	0.3
Other food away from home ^{4, 5}	0.197	0.1	0.000	0.09	S-Oct.2018	0.0
Energy.....	7.679	-3.5	-0.272	0.08	S-Feb.2016	-5.6
Energy commodities.....	4.351	-7.4	-0.332	0.13	S-Feb.2016	-11.5
Fuel oil and other fuels.....	0.196	-7.8	-0.015	0.33	S-Jan.2015	-8.0
Fuel oil.....	0.121	-11.4	-0.014	0.43	S-Dec.2008	-12.6
Propane, kerosene, and firewood ⁹	0.075	-1.3	-0.001	0.48	—	—
Motor fuel.....	4.155	-7.4	-0.316	0.13	S-Feb.2016	-12.0
Gasoline (all types).....	4.060	-7.5	-0.314	0.13	S-Feb.2016	-12.1
Gasoline, unleaded regular ⁶		-7.8		0.51	S-Feb.2016	-12.5
Gasoline, unleaded midgrade ^{10, 6}		-6.6		0.51	S-Feb.2016	-11.6
Gasoline, unleaded premium ⁶		-5.5		0.44	S-Feb.2016	-9.5
Other motor fuels ⁵	0.095	-3.8	-0.004	0.15	S-Feb.2016	-7.6
Energy services.....	3.329	1.8	0.060	0.08	L-Mar.2014	2.6
Electricity.....	2.582	0.7	0.018	0.10	L-Oct.2018	2.3
Utility (piped) gas service.....	0.747	5.6	0.042	0.08	L-Mar.2014	7.0
All items less food and energy.....	79.065	0.2	0.166	0.03	—	—
Commodities less food and energy commodities.....	19.536	0.1	0.018	0.08	S-Sep.2018	-0.3
Household furnishings and supplies ¹¹	3.353	-0.1	-0.003	0.16	S-Jun.2018	-0.2
Window and floor coverings and other linens ^{4, 5}	0.257	-1.4	-0.003	0.75	L-Oct.2018	2.2
Floor coverings ^{4, 5}	0.056	0.2	0.000	0.56	S-Oct.2018	0.1
Window coverings ^{4, 5}	0.045	-2.1	-0.001	0.88	S-Aug.2018	-2.4
Other linens ^{4, 5}	0.156	-1.7	-0.003	1.15	L-Oct.2018	3.1
Furniture and bedding.....	0.882	0.5	0.005	0.34	L-Sep.2018	0.8
Bedroom furniture ⁴	0.321	0.0	0.000	0.52	L-Oct.2018	0.9
Living room, kitchen, and dining room furniture ^{4, 5}	0.426	1.1	0.005	0.45	L-Apr.2018	2.1
Other furniture ⁵	0.124	0.5	0.001	0.71	L-Oct.2018	0.5
Infants' furniture ^{4, 8, 6}		-0.3		0.74	S-Oct.2018	-1.9
Appliances ⁵	0.215	-0.3	-0.001	0.55	S-Feb.2018	-1.5
Major appliances ⁵	0.078	0.2	0.000	0.70	S-Sep.2018	-0.6
Laundry equipment ⁶		-1.5		1.18	S-Sep.2018	-3.8
Other appliances ⁵	0.133	-1.1	-0.002	0.63	S-Jan.2018	-1.2
Other household equipment and furnishings ⁵	0.503	-1.9	-0.010	0.48	S-Jan.2018	-2.2
Clocks, lamps, and decorator items ⁴	0.280	-3.8	-0.010	0.76	S-Jul.2017	-5.1

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, December 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018- Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018- Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Indoor plants and flowers ¹²	0.091	0.2	0.000	0.68	L-Sep.2018	0.7
Dishes and flatware ^{4, 5}	0.053	-2.1	-0.001	1.49	L-Oct.2018	1.9
Nonelectric cookware and tableware ⁵	0.079	1.4	0.001	0.75	L-Oct.2018	2.4
Tools, hardware, outdoor equipment and supplies ⁵	0.660	0.7	0.005	0.24	L-Aug.2011	0.9
Tools, hardware and supplies ^{4, 5}	0.194	1.6	0.003	0.35	L-Jan.2004	2.1
Outdoor equipment and supplies ⁵	0.307	0.0	0.000	0.30	S-Sep.2018	-0.3
Housekeeping supplies ⁴	0.837	0.6	0.005	0.24	L-Jul.2018	0.6
Household cleaning products ⁵	0.330	-0.3	-0.001	0.39	S-Jan.2018	-1.1
Household paper products ^{4, 5}	0.223	0.9	0.002	0.38	S-Oct.2018	-0.1
Miscellaneous household products ^{4, 5}	0.283	0.8	0.002	0.41	L-Mar.2018	1.1
Apparel.....	3.057	0.0	0.001	0.39	L-Oct.2018	0.1
Men's and boys' apparel.....	0.762	-0.6	-0.004	0.72	L-Oct.2018	1.7
Men's apparel.....	0.585	-1.3	-0.007	0.78	L-Oct.2018	1.5
Men's suits, sport coats, and outerwear.....	0.105	2.1	0.002	1.68	L-Oct.2018	3.9
Men's furnishings.....	0.157	-2.1	-0.003	1.45	S-Nov.2017	-3.8
Men's shirts and sweaters ⁵	0.168	-1.4	-0.002	1.22	L-Oct.2018	0.6
Men's pants and shorts.....	0.148	-1.2	-0.002	1.28	L-Oct.2018	2.3
Boys' apparel.....	0.177	1.1	0.002	1.44	L-Sep.2018	4.8
Women's and girls' apparel.....	1.247	0.2	0.002	0.60	L-Sep.2018	1.4
Women's apparel.....	1.065	0.5	0.006	0.65	L-Sep.2018	1.6
Women's outerwear.....	0.075	2.8	0.002	2.13	L-Sep.2018	9.8
Women's dresses.....	0.128	1.0	0.001	1.42	L-Apr.2018	2.9
Women's suits and separates ⁵	0.554	1.1	0.006	0.87	L-Sep.2018	2.4
Women's underwear, nightwear, sportswear and accessories ⁵	0.296	-0.9	-0.003	1.10	S-Sep.2018	-2.0
Girls' apparel.....	0.182	-1.9	-0.003	1.49	S-Jun.2018	-2.6
Footwear.....	0.667	0.0	0.000	0.57	S-Oct.2018	-0.3
Men's footwear ⁴	0.216	-0.5	-0.001	0.96	—	—
Boys' and girls' footwear.....	0.159	-0.4	-0.001	1.01	S-Oct.2018	-2.2
Women's footwear.....	0.292	-0.6	-0.002	0.80	S-Sep.2018	-0.9
Infants' and toddlers' apparel.....	0.139	1.2	0.002	1.24	L-Sep.2018	1.8
Jewelry and watches ⁹	0.243	0.4	0.001	1.00	L-Oct.2018	2.5
Watches ^{4, 9}	0.098	-3.4	-0.003	1.52	L-Oct.2018	9.1
Jewelry ⁹	0.145	0.8	0.001	1.22	S-Oct.2018	-1.5
Transportation commodities less motor fuel ¹¹	6.579	0.0	-0.002	0.09	S-Sep.2018	-1.2
New vehicles.....	3.704	0.0	0.000	0.15	—	—
New cars and trucks ^{5, 6}		0.0		0.23	—	—
New cars ⁶		-0.2		0.24	S-Oct.2018	-0.2
New trucks ^{13, 6}		0.0		0.21	—	—
Used cars and trucks.....	2.382	-0.2	-0.004	0.02	S-Sep.2018	-3.0
Motor vehicle parts and equipment ⁴	0.380	0.4	0.002	0.28	L-May 2018	0.6
Tires ⁴	0.224	1.0	0.002	0.38	L-Dec.2011	1.1
Vehicle accessories other than tires ^{4, 5}	0.156	-0.4	-0.001	0.44	S-Aug.2017	-0.4
Vehicle parts and equipment other than tires ^{4, 6}		-0.8		0.38	S-Oct.2015	-1.2
Motor oil, coolant, and fluids ^{4, 6}		1.3		0.90	S-Oct.2018	-4.2
Medical care commodities.....	1.713	-0.2	-0.003	0.25	S-Aug.2018	-0.3
Medicinal drugs ^{4, 11}	1.655	-0.7	-0.011	0.26	S-Jul.2018	-0.8
Prescription drugs.....	1.312	-0.4	-0.006	0.29	S-Oct.2018	-0.6
Nonprescription drugs ^{4, 11}	0.343	-0.7	-0.002	0.43	S-Sep.2018	-0.8
Medical equipment and supplies ^{4, 11}	0.057	-0.3	0.000	0.50	S-Aug.2018	-0.8
Recreation commodities ¹¹	1.781	1.3	0.023	0.17	L-EVER	—
Video and audio products ¹¹	0.226	-0.8	-0.002	0.49	—	—
Televisions.....	0.100	-1.7	-0.002	0.81	S-Sep.2018	-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, December 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018-Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Other video equipment ⁵	0.026	1.7	0.000	0.85	L-Apr.2014	2.6
Audio equipment ⁴	0.043	-0.8	0.000	0.71	L-Oct.2018	2.6
Recorded music and music subscriptions ^{4, 5}	0.047	-0.1	0.000	0.85	S-Oct.2018	-2.0
Pets and pet products ⁴	0.601	0.4	0.003	0.23	L-Apr.2018	0.7
Pet food ^{4, 5, 6}		0.1		0.31	L-Oct.2018	0.1
Purchase of pets, pet supplies, accessories ^{4, 5, 6}		0.8		0.39	L-Apr.2018	1.2
Sporting goods.....	0.484	4.0	0.020	0.29	L-EVER	—
Sports vehicles including bicycles ⁴	0.275	6.7	0.018	0.34	L-EVER	—
Sports equipment.....	0.203	0.7	0.001	0.47	L-Jun.2015	0.8
Photographic equipment and supplies.....	0.034	-1.6	-0.001	0.66	S-Jun.2018	-5.7
Film and photographic supplies ^{4, 5, 6}						
Photographic equipment ^{5, 6}		-0.6		0.69	S-Sep.2018	-0.6
Recreational reading materials ⁴	0.115	0.0	0.000	0.64	S-Sep.2018	-1.6
Newspapers and magazines ^{4, 5}	0.071	-0.3	0.000	0.95	S-Sep.2018	-1.6
Recreational books ^{4, 5}	0.044	0.7	0.000	0.97	L-Apr.2018	1.9
Other recreational goods ⁵	0.321	1.0	0.003	0.46	L-Feb.2004	1.1
Toys.....	0.251	0.8	0.002	0.52	L-Dec.2014	0.9
Toys, games, hobbies and playground equipment ^{5, 6}		1.4		0.55	L-Feb.2012	1.4
Sewing machines, fabric and supplies ^{4, 5}	0.023	7.1	0.002	1.10	L-EVER	—
Music instruments and accessories ^{4, 5}	0.036	-1.1	0.000	0.68	S-May 2018	-1.1
Education and communication commodities ¹¹	0.533	0.7	0.004	0.36	L-May 2018	0.7
Educational books and supplies.....	0.130	1.1	0.001	0.60	L-May 2018	3.7
College textbooks ^{4, 14, 6}		-2.0		0.58	S-EVER	—
Information technology commodities ¹¹	0.404	0.7	0.003	0.43	L-Aug.2018	0.8
Personal computers and peripheral equipment ⁷	0.306	1.4	0.004	0.59	L-Aug.2018	1.4
Computer software and accessories ^{4, 5}	0.025	-2.2	-0.001	1.10	S-Feb.2018	-3.2
Telephone hardware, calculators, and other consumer information items ^{4, 5}	0.073	-1.5	-0.001	0.70	S-Oct.2018	-2.5
Alcoholic beverages.....	0.970	0.0	0.000	0.14	S-Aug.2018	0.0
Alcoholic beverages at home.....	0.603	0.2	0.001	0.22	S-Oct.2018	0.1
Beer, ale, and other malt beverages at home.....	0.270	0.0	0.000	0.27	S-Aug.2018	0.0
Distilled spirits at home.....	0.081	0.6	0.000	0.37	—	—
Whiskey at home ^{4, 6}		-0.2		0.54	S-Sep.2018	-2.2
Distilled spirits, excluding whiskey, at home ^{4, 6}		0.4		0.50	L-Sep.2018	0.4
Wine at home.....	0.253	0.3	0.001	0.46	L-Sep.2018	0.8
Alcoholic beverages away from home ⁴	0.367	0.0	0.000	0.12	S-Jul.2018	0.0
Beer, ale, and other malt beverages away from home ^{4, 5, 6}		0.0		0.18	S-Oct.2018	0.0
Wine away from home ^{4, 5, 6}		0.2		0.18	L-Oct.2018	0.2
Distilled spirits away from home ^{4, 5, 6}		-0.2		0.15	S-Aug.2018	-0.4
Other goods ¹¹	1.549	-0.4	-0.006	0.16	S-Jun.2018	-0.4
Tobacco and smoking products.....	0.659	-0.4	-0.002	0.14	S-Jun.2018	-0.4
Cigarettes ⁵	0.585	-0.3	-0.002	0.15	S-Jun.2018	-0.5
Tobacco products other than cigarettes ^{4, 5}	0.060	-0.1	0.000	0.33	S-Sep.2018	-0.4
Personal care products ⁴	0.686	0.0	0.000	0.30	L-Sep.2018	0.1
Hair, dental, shaving, and miscellaneous personal care products ^{4, 5}	0.379	0.1	0.000	0.37	L-Sep.2018	0.3
Cosmetics, perfume, bath, nail preparations and implements ⁴	0.301	-0.2	-0.001	0.45	S-Oct.2018	-0.3
Miscellaneous personal goods ⁵	0.203	-1.8	-0.004	0.75	S-Oct.2018	-5.6
Stationery, stationery supplies, gift wrap ⁶		0.4		0.77	S-Oct.2018	-3.5
Infants' equipment ^{4, 8, 6}		0.1		0.46	S-Oct.2018	-0.8

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, December 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018-Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Services less energy services.....	59.529	0.3	0.155	0.03	L-Jul.2018	0.3
Shelter.....	33.078	0.3	0.096	0.04	—	—
Rent of shelter ¹⁵	32.704	0.3	0.101	0.04	—	—
Rent of primary residence.....	7.897	0.2	0.015	0.03	S-Oct.2018	0.2
Lodging away from home ⁵	0.882	2.7	0.026	1.24	L-May 2018	2.9
Housing at school, excluding board ¹⁵	0.114	0.1	0.000	0.06	S-Jul.2018	0.1
Other lodging away from home including hotels and motels.....	0.768	3.1	0.026	1.45	L-May 2018	3.3
Owners' equivalent rent of residences ¹⁵	23.924	0.2	0.055	0.03	S-Sep.2018	0.2
Owners' equivalent rent of primary residence ¹⁵ ..	22.589	0.2	0.052	0.03	S-Sep.2018	0.2
Tenants' and household insurance ^{4, 5}	0.374	-0.1	0.000	0.13	S-Oct.2018	-0.2
Water and sewer and trash collection services ⁵	1.096	0.3	0.003	0.05	S-Oct.2018	0.3
Water and sewerage maintenance.....	0.822	0.4	0.004	0.06	S-Oct.2018	0.3
Garbage and trash collection ^{4, 13}	0.274	-0.1	0.000	0.07	S-Jan.2018	-0.1
Household operations ^{4, 5}	0.873	2.0	0.017	0.32	L-EVER	—
Domestic services ^{4, 5}	0.301	1.4	0.004	0.04	L-Feb.2008	1.4
Gardening and lawncare services ^{4, 5}						
Moving, storage, freight expense ⁵	0.102	0.8	0.001	1.97	L-Sep.2018	1.2
Repair of household items ^{4, 5}	0.105	1.4	0.002	0.23	L-Feb.2018	5.0
Medical care services.....	6.932	0.4	0.029	0.09	—	—
Professional services.....	3.243	0.1	0.002	0.10	L-Oct.2018	0.2
Physicians' services.....	1.726	0.0	0.001	0.09	L-Oct.2018	0.0
Dental services.....	0.782	0.2	0.001	0.11	L-Oct.2018	0.3
Eyeglasses and eye care ^{4, 9}	0.317	0.3	0.001	0.31	L-Jan.2018	0.9
Services by other medical professionals ^{4, 9}	0.418	0.0	0.000	0.09	S-Sep.2018	-0.1
Hospital and related services.....	2.608	0.4	0.011	0.12	—	—
Hospital services ¹⁶	2.327	0.5	0.011	0.13	—	—
Inpatient hospital services ^{16, 6}		0.6		0.20	L-Jun.2018	0.8
Outpatient hospital services ^{9, 6}		0.6		0.32	S-Oct.2018	0.1
Nursing homes and adult day services ¹⁶	0.193	0.2	0.000	0.12	—	—
Care of invalids and elderly at home ^{4, 8}	0.088	-0.1	0.000	0.12	S-May 2018	-0.5
Health insurance ^{4, 8}	1.081	1.3	0.014	0.08	S-Oct.2018	1.1
Transportation services.....	5.990	-0.2	-0.011	0.13	L-Oct.2018	0.1
Leased cars and trucks ^{4, 14}	0.647	1.0	0.006	0.39	L-Jun.2018	1.6
Car and truck rental ⁵	0.119	-0.1	0.000	1.78	S-Aug.2018	-1.7
Motor vehicle maintenance and repair ⁴	1.126	-0.1	-0.002	0.15	S-Mar.2018	-0.1
Motor vehicle body work ⁴	0.056	0.1	0.000	0.11	L-Oct.2018	0.7
Motor vehicle maintenance and servicing ⁴	0.633	0.2	0.001	0.24	S-Oct.2018	0.2
Motor vehicle repair ^{4, 5}	0.373	-0.7	-0.003	0.14	S-Mar.2018	-0.7
Motor vehicle insurance.....	2.409	-0.2	-0.004	0.17	L-Oct.2018	0.5
Motor vehicle fees ^{4, 5}	0.542	-0.2	-0.001	0.12	S-Jun.2018	-0.3
State motor vehicle registration and license fees ^{4, 5}	0.280	0.0	0.000	0.04	S-Sep.2018	-0.1
Parking and other fees ^{4, 5}	0.245	-0.4	-0.001	0.22	S-Jun.2018	-0.7
Parking fees and tolls ^{5, 6}		-0.2		0.16	S-Jul.2018	-0.2
Automobile service clubs ^{4, 5, 6}						
Public transportation.....	1.147	-0.9	-0.010	0.36	L-Oct.2018	-0.1
Airline fares.....	0.699	-1.5	-0.010	0.58	L-Oct.2018	0.0
Other intercity transportation.....	0.164	0.0	0.000	0.56	L-Sep.2018	0.1
Intercity bus fare ^{4, 7, 6}		7.9		0.98	L-EVER	—
Intercity train fare ^{4, 7, 6}						
Ship fare ^{4, 5, 6}		-0.8		0.82	S-Aug.2018	-0.8
Intracity transportation ⁴	0.277	0.3	0.001	0.19	L-Aug.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, December 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018-Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
Intracity mass transit ^{4, 11, 6}		0.0		0.15	—	—
Recreation services ¹¹	3.868	0.3	0.013	0.16	S-Oct.2018	0.0
Video and audio services ¹¹	1.589	0.4	0.006	0.15	L-Sep.2018	0.9
Cable and satellite television service ¹³	1.501	0.6	0.009	0.14	L-Sep.2018	0.8
Video discs and other media, including rental of video ^{7, 5}	0.088	-3.0	-0.003	1.26	S-Nov.2017	-3.9
Video discs and other media ^{4, 5, 6}		-4.7		2.01	S-Nov.2017	-7.6
Rental of video discs and other media ^{4, 5, 6}		0.1		0.14	L-Oct.2018	0.4
Pet services including veterinary ⁵	0.414	0.3	0.001	0.11	L-Oct.2018	0.5
Pet services ^{4, 5, 6}		0.1		0.10	—	—
Veterinarian services ^{5, 6}		0.3		0.13	L-Oct.2018	0.6
Photographers and photo processing ^{4, 5}	0.039	0.1	0.000	0.43	S-Oct.2018	-0.4
Photographer fees ^{4, 5, 6}						
Photo processing ^{4, 5, 6}		0.1		0.65	S-Oct.2018	-1.4
Other recreation services ⁵	1.824	0.3	0.006	0.29	S-Oct.2018	0.1
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ^{4, 5}	0.680	-0.4	-0.003	0.22	S-Apr.2018	-0.6
Admissions.....	0.648	1.6	0.011	0.58	L-Jun.2018	1.8
Admission to movies, theaters, and concerts ^{7, 5, 6}		0.4		0.46	L-Jun.2018	1.0
Admission to sporting events ^{4, 5, 6}		4.9		1.79	L-Jan.2017	5.5
Fees for lessons or instructions ^{4, 9}	0.220	-0.7	-0.002	0.34	S-Mar.2013	-0.9
Education and communication services ¹¹	6.042	0.1	0.004	0.07	L-Sep.2018	0.1
Tuition, other school fees, and childcare.....	2.914	0.2	0.006	0.05	S-Oct.2018	0.2
College tuition and fees.....	1.622	0.2	0.003	0.06	S-Sep.2018	0.1
Elementary and high school tuition and fees.....	0.337	0.2	0.001	0.08	L-Sep.2018	0.4
Child care and nursery school ¹²	0.803	0.4	0.003	0.09	L-Aug.2018	0.7
Technical and business school tuition and fees ⁵	0.032	0.0	0.000	0.11	S-Sep.2018	-0.3
Postage and delivery services ⁵	0.108	0.0	0.000	0.02	S-Feb.2018	-0.6
Postage.....	0.094	0.2	0.000	0.00	—	—
Delivery services ⁵	0.014	-1.5	0.000	0.32	S-Jan.2016	-2.7
Telephone services ^{4, 5}	2.229	-0.1	-0.002	0.12	L-Sep.2018	0.1
Wireless telephone services ^{4, 5}	1.660	-0.2	-0.004	0.10	L-Oct.2018	0.1
Land-line telephone services ^{4, 11}	0.569	0.2	0.001	0.21	S-Oct.2018	-1.1
Internet services and electronic information providers ⁵	0.783	0.1	0.001	0.29	S-Oct.2018	-0.4
Other personal services ^{4, 11}	1.649	0.2	0.003	0.11	S-Sep.2018	0.1
Personal care services ⁴	0.628	0.4	0.003	0.13	L-Oct.2018	0.6
Haircuts and other personal care services ^{4, 5}	0.628	0.4	0.003	0.13	L-Oct.2018	0.6
Miscellaneous personal services.....	1.020	0.1	0.001	0.11	S-Jun.2018	-0.1
Legal services ^{4, 9}	0.310	0.0	0.000	0.07	S-Aug.2018	0.0
Funeral expenses ^{4, 9}	0.128	0.0	0.000	0.09	S-Sep.2018	0.0
Laundry and dry cleaning services ^{4, 5}	0.240	0.2	0.001	0.16	L-Oct.2018	0.6
Apparel services other than laundry and dry cleaning ^{4, 5}	0.029	0.8	0.000	0.21	S-Oct.2018	0.4
Financial services ⁹	0.241	0.0	0.000	0.32	S-Jun.2018	-0.4
Checking account and other bank services ^{4, 5, 6}		0.0		0.02	—	—
Tax return preparation and other accounting fees ^{7, 6}		0.2		0.33	S-Sep.2018	-0.1
Special aggregate indexes						
All items less food.....	86.745	-0.1	-0.106	0.03	S-Mar.2018	-0.1

See footnotes at end of table.

Table 6. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, December 2018, 1-month analysis table — Continued

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	One Month				
		Seasonally adjusted percent change Nov. 2018-Dec. 2018	Seasonally adjusted effect on All Items Nov. 2018-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) seasonally adjusted change since: ³	
					Date	Percent change
All items less shelter.....	66.922	-0.2	-0.152	0.03	S-Mar.2018	-0.3
All items less food and shelter.....	53.666	-0.4	-0.201	0.04	S-Mar.2018	-0.4
All items less food, shelter, and energy.....	45.987	0.2	0.070	0.05	L-Oct.2018	0.2
All items less food, shelter, energy, and used cars and trucks.....	43.605	0.2	0.075	0.05	L-Sep.2018	0.3
All items less medical care.....	91.355	-0.1	-0.082	0.03	S-Mar.2018	-0.1
All items less energy.....	92.321	0.2	0.215	0.03	—	—
Commodities.....	37.142	-0.7	-0.265	0.05	S-Feb.2016	-0.9
Commodities less food, energy, and used cars and trucks.....	17.154	0.1	0.022	0.09	L-Sep.2018	0.1
Commodities less food.....	23.887	-1.3	-0.314	0.07	S-Feb.2016	-1.5
Commodities less food and beverages.....	22.916	-1.4	-0.315	0.07	S-Feb.2016	-1.6
Services.....	62.858	0.3	0.215	0.03	L-Oct.2018	0.3
Services less rent of shelter ¹⁵	30.154	0.4	0.107	0.05	L-Feb.2018	0.5
Services less medical care services.....	55.926	0.3	0.166	0.04	L-Oct.2018	0.3
Durables.....	9.897	0.1	0.009	0.08	S-Sep.2018	-0.8
Nondurables.....	27.245	-1.1	-0.305	0.07	S-Feb.2016	-1.1
Nondurables less food.....	13.990	-2.5	-0.352	0.11	S-Feb.2016	-2.5
Nondurables less food and beverages.....	13.020	-2.7	-0.352	0.12	S-Feb.2016	-2.7
Nondurables less food, beverages, and apparel.....	9.962	-3.4	-0.345	0.09	S-Feb.2016	-3.8
Nondurables less food and apparel.....	10.933	-3.1	-0.345	0.08	S-Feb.2016	-3.4
Housing.....	41.925	0.4	0.158	0.04	L-Mar.2014	0.4
Education and communication ⁵	6.576	0.1	0.008	0.07	L-Sep.2018	0.1
Education ⁵	3.044	0.2	0.007	0.06	—	—
Communication ⁵	3.532	0.0	0.001	0.11	L-Sep.2018	0.2
Information and information processing ⁵	3.424	0.0	0.001	0.12	L-Sep.2018	0.2
Information technology, hardware and services ¹⁷	1.195	0.3	0.003	0.25	L-Sep.2018	0.3
Recreation ⁵	5.649	0.6	0.036	0.11	L-Apr.2001	0.6
Video and audio ⁵	1.815	0.2	0.004	0.15	L-Sep.2018	0.6
Pets, pet products and services ⁵	1.015	0.4	0.004	0.16	L-Sep.2018	0.4
Photography ⁵	0.074	-0.7	-0.001	0.41	S-Jun.2018	-2.5
Food and beverages.....	14.226	0.4	0.050	0.06	L-May 2014	0.5
Domestically produced farm food.....	6.049	0.4	0.022	0.11	—	—
Other services.....	11.559	0.2	0.021	0.06	L-Sep.2018	0.3
Apparel less footwear.....	2.391	0.0	0.001	0.45	L-Oct.2018	0.2
Fuels and utilities.....	4.620	1.0	0.048	0.06	L-Oct.2018	1.3
Household energy.....	3.524	1.3	0.045	0.08	L-Oct.2018	1.7
Medical care.....	8.645	0.3	0.025	0.09	S-Oct.2018	0.2
Transportation.....	16.725	-2.0	-0.330	0.06	S-Feb.2016	-2.4
Private transportation.....	15.578	-2.0	-0.320	0.06	S-Feb.2016	-2.5
New and used motor vehicles ⁵	6.966	0.0	0.002	0.10	S-Sep.2018	-1.1
Utilities and public transportation.....	9.302	0.5	0.044	0.07	L-Oct.2018	0.5
Household furnishings and operations.....	4.226	0.3	0.015	0.16	L-Oct.2018	0.3
Other goods and services.....	3.197	-0.1	-0.005	0.10	S-Jun.2018	-0.1
Personal care ⁴	2.538	-0.1	-0.002	0.13	S-Oct.2018	-0.1

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

² A statistic's margin of error is often expressed as its point estimate plus or minus two standard errors. For example, if a CPI category rose 0.6 percent, and its standard error was 0.15 percent, the margin of error on this item's 1-month percent change would be 0.6 percent, plus or minus 0.3 percent.

³ If the current seasonally adjusted 1-month percent change is greater than the previous published 1-month percent change, then this column

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

⁴ Not seasonally adjusted.

⁵ Indexes on a December 1997=100 base.

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

⁷ Indexes on a December 2007=100 base.

⁸ Indexes on a December 2005=100 base.

⁹ Indexes on a December 1986=100 base.

¹⁰ Indexes on a December 1993=100 base.

¹¹ Indexes on a December 2009=100 base.

¹² Indexes on a December 1990=100 base.

¹³ Indexes on a December 1983=100 base.

¹⁴ Indexes on a December 2001=100 base.

¹⁵ Indexes on a December 1982=100 base.

¹⁶ Indexes on a December 1996=100 base.

¹⁷ Indexes on a December 1988=100 base.

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

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017- Dec. 2018	Unadjusted effect on All Items Dec. 2017- Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
All items.....	100.000	1.9		0.07	S-Aug.2017	1.9
Food.....	13.255	1.6	0.212	0.10	L-Jan.2018	1.7
Food at home.....	7.244	0.6	0.044	0.16	L-Jan.2018	1.0
Cereals and bakery products.....	0.955	1.7	0.016	0.30	L-Aug.2012	1.8
Cereals and cereal products.....	0.305	0.2	0.001	0.62	L-Sep.2018	0.6
Flour and prepared flour mixes.....	0.038	-0.6	0.000	0.99	L-Sep.2018	1.8
Breakfast cereal.....	0.148	-0.9	-0.001	0.85	L-Aug.2017	-0.8
Rice, pasta, cornmeal.....	0.119	1.9	0.002	1.11	L-Sep.2018	2.4
Rice ^{4, 5}		3.2		1.35	L-Oct.2013	5.3
Bakery products.....	0.650	2.4	0.015	0.37	L-Jun.2013	2.5
Bread ⁴	0.191	2.7	0.005	0.66	L-Aug.2013	2.8
White bread ⁵		3.1		0.89	L-Jun.2013	4.4
Bread other than white ⁵		2.7		0.89	L-Nov.2015	3.0
Fresh biscuits, rolls, muffins ⁴	0.093	1.5	0.001	1.07	S-May 2018	0.2
Cakes, cupcakes, and cookies.....	0.164	3.5	0.006	0.68	L-Sep.2013	3.6
Cookies ⁵		2.6		1.14	S-Oct.2018	1.2
Fresh cakes and cupcakes ⁵		4.7		1.11	L-Jan.2016	4.7
Other bakery products.....	0.201	1.5	0.003	0.71	L-Sep.2017	1.5
Fresh sweetrolls, coffeecakes, doughnuts ⁵		3.8		1.16	L-Nov.2015	4.2
Crackers, bread, and cracker products ⁵		1.1		1.24	L-Sep.2017	1.6
Frozen and refrigerated bakery products, pies, tarts, turnovers ⁵		0.9		1.15	L-Jun.2018	0.9
Meats, poultry, fish, and eggs.....	1.596	-0.4	-0.007	0.33	S-Jun.2017	-0.9
Meats, poultry, and fish.....	1.504	-0.3	-0.005	0.32	S-Oct.2018	-0.4
Meats.....	0.939	-0.9	-0.008	0.39	S-Oct.2018	-1.2
Beef and veal.....	0.425	-0.6	-0.002	0.49	S-Jun.2017	-0.8
Uncooked ground beef.....	0.170	-2.5	-0.004	0.81	S-May 2017	-3.3
Uncooked beef roasts ⁴	0.059	1.7	0.001	1.39	L-Sep.2018	3.0
Uncooked beef steaks ⁴	0.158	0.0	0.000	0.91	S-Feb.2018	-0.4
Uncooked other beef and veal ⁴	0.038	2.2	0.001	1.30	S-Aug.2018	1.8
Pork.....	0.294	-1.4	-0.004	0.79	S-Oct.2018	-3.5
Bacon, breakfast sausage, and related products ⁴	0.131	-1.9	-0.003	1.01	-	-
Bacon and related products ⁵		-0.5		1.31	L-Mar.2018	0.0
Breakfast sausage and related products ^{4, 5}		-3.2		1.67	S-Nov.2016	-3.4
Ham.....	0.053	-2.3	-0.001	1.82	S-Oct.2018	-4.8
Ham, excluding canned ⁵		-2.6		2.30	S-Oct.2018	-4.3
Pork chops.....	0.043	2.6	0.001	1.89	L-Oct.2018	2.9
Other pork including roasts, steaks, and ribs ⁴	0.067	-2.4	-0.002	1.73	S-Oct.2018	-3.1
Other meats.....	0.219	-0.7	-0.002	0.83	L-Jun.2018	-0.5
Frankfurters ⁵		0.4		2.43	L-Jun.2018	4.4
Lunchmeats ^{4, 5}		-0.9		0.83	L-May 2018	-0.6
Lamb and organ meats ⁵						
Lamb and mutton ^{4, 5}						
Poultry.....	0.313	-1.4	-0.005	0.72	S-Dec.2016	-1.7
Chicken ⁴	0.257	-0.8	-0.002	0.84	S-Feb.2017	-1.0
Fresh whole chicken ⁵		-2.2		1.94	S-Sep.2017	-2.6
Fresh and frozen chicken parts ⁵		0.2		0.99	L-Oct.2018	0.9
Other uncooked poultry including turkey ⁴	0.056	-4.5	-0.003	1.44	S-Oct.2018	-4.9
Fish and seafood.....	0.253	3.2	0.008	0.84	L-Aug.2018	3.3
Fresh fish and seafood ⁴	0.129	4.9	0.006	1.17	L-Feb.2017	5.3
Processed fish and seafood ⁴	0.123	1.4	0.002	0.98	S-Jul.2018	0.9
Shelf stable fish and seafood ⁵		3.6		1.31	S-Sep.2018	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, December 2018, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017-Dec. 2018	Unadjusted effect on All Items Dec. 2017-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Frozen fish and seafood ⁵		1.2		1.50	L-Apr.2018	1.3
Eggs.....	0.092	-2.2	-0.002	1.47	S-Sep.2017	-2.2
Dairy and related products.....	0.724	-0.1	-0.001	0.40	L-Sep.2018	0.0
Milk ⁴	0.201	-1.2	-0.003	0.70	S-Jul.2018	-2.2
Fresh whole milk ⁵		-1.8		1.68	S-Jul.2018	-2.8
Fresh milk other than whole ^{4, 5}		-0.1		0.99	S-Oct.2018	-0.3
Cheese and related products.....	0.236	-0.4	-0.001	0.68	L-Sep.2018	0.4
Ice cream and related products.....	0.104	1.2	0.001	0.96	L-Oct.2018	1.5
Other dairy and related products ⁴	0.183	0.7	0.001	0.82	L-Aug.2018	0.7
Fruits and vegetables.....	1.273	1.6	0.020	0.43	L-Feb.2018	2.1
Fresh fruits and vegetables.....	1.010	1.8	0.018	0.53	L-Feb.2018	3.1
Fresh fruits.....	0.536	-0.7	-0.004	0.68	L-Sep.2018	0.3
Apples.....	0.073	-0.3	0.000	1.75	L-Apr.2018	1.0
Bananas.....	0.078	0.9	0.001	1.03	S-Aug.2018	0.5
Citrus fruits ⁴	0.158	5.0	0.007	1.42	L-Sep.2018	5.4
Oranges, including tangerines ⁵		3.6		2.18	L-Aug.2018	3.7
Other fresh fruits ⁴	0.227	-4.8	-0.012	1.05	L-Oct.2018	-2.8
Fresh vegetables.....	0.473	4.6	0.022	0.84	L-Jan.2018	5.2
Potatoes.....	0.073	1.8	0.001	2.08	L-Oct.2017	3.3
Lettuce.....	0.060	15.0	0.009	2.35	L-Feb.2015	15.2
Tomatoes.....	0.081	1.6	0.001	1.67	S-Oct.2018	-0.7
Other fresh vegetables.....	0.259	4.0	0.010	1.20	L-Oct.2017	4.2
Processed fruits and vegetables ⁴	0.264	0.9	0.002	0.69	L-Apr.2016	1.0
Canned fruits and vegetables ⁴	0.143	3.1	0.005	0.87	L-Mar.2014	3.3
Canned fruits ^{4, 5}		2.3		1.19	L-Jan.2016	2.7
Canned vegetables ^{4, 5}		4.2		1.24	L-May 2014	4.2
Frozen fruits and vegetables ⁴	0.077	-2.5	-0.002	1.35	S-Oct.2018	-2.6
Frozen vegetables ⁵		-1.7		1.67	S-Oct.2018	-3.5
Other processed fruits and vegetables including dried ⁴	0.043	-0.4	0.000	1.42	L-Aug.2018	1.1
Dried beans, peas, and lentils ^{4, 5}		-4.1		2.11	L-Oct.2018	-3.8
Nonalcoholic beverages and beverage materials.....	0.863	1.4	0.012	0.43	L-Aug.2015	1.5
Juices and nonalcoholic drinks ⁴	0.614	2.5	0.015	0.53	L-Feb.2012	2.5
Carbonated drinks.....	0.254	4.1	0.010	0.87	L-Feb.2012	4.4
Frozen noncarbonated juices and drinks ⁴	0.009	0.2	0.000	1.12	S-Oct.2018	0.2
Nonfrozen noncarbonated juices and drinks ⁴	0.351	1.5	0.005	0.64	L-Oct.2015	2.4
Beverage materials including coffee and tea ⁴	0.250	-1.2	-0.003	0.77	S-Oct.2018	-1.2
Coffee.....	0.160	-2.0	-0.003	1.09	S-Sep.2018	-2.2
Roasted coffee ⁵		-1.3		1.60	S-Oct.2018	-1.9
Instant coffee ⁵		-4.0		1.65	L-Oct.2018	-3.3
Other beverage materials including tea ⁴	0.090	0.2	0.000	1.01	L-Sep.2018	1.3
Other food at home.....	1.832	0.2	0.003	0.31	S-Sep.2018	0.2
Sugar and sweets.....	0.277	0.0	0.000	0.70	S-Aug.2018	-1.0
Sugar and artificial sweeteners.....	0.041	-3.0	-0.001	0.87	S-Apr.2017	-4.2
Candy and chewing gum ⁴	0.184	1.3	0.002	0.91	S-Sep.2018	1.2
Other sweets ⁴	0.053	-2.0	-0.001	1.22	L-Sep.2018	-0.5
Fats and oils.....	0.211	-0.5	-0.001	0.61	S-Jul.2018	-0.5
Butter and margarine ⁴	0.060	0.0	0.000	1.16	S-Oct.2018	-0.2
Butter ⁵		-0.2		1.57	S-Sep.2018	-0.2
Margarine ⁵		0.6		1.43	S-Oct.2018	-0.9
Salad dressing ⁴	0.052	1.2	0.001	1.37	S-Oct.2018	0.5
Other fats and oils including peanut butter ⁴	0.100	-1.7	-0.002	0.92	—	—
Peanut butter ^{4, 5}		6.2		1.06	L-Jan.2013	6.9
Other foods.....	1.344	0.3	0.004	0.36	S-Sep.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, December 2018, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017- Dec. 2018	Unadjusted effect on All Items Dec. 2017- Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Soups.....	0.079	-1.4	-0.001	1.65	L-Aug.2018	0.4
Frozen and freeze dried prepared foods.....	0.232	-1.3	-0.003	0.89	—	—
Snacks.....	0.315	0.6	0.002	0.82	S-Aug.2018	0.3
Spices, seasonings, condiments, sauces.....	0.269	1.0	0.003	0.79	S-Sep.2018	0.8
Salt and other seasonings and spices ^{4, 5}		1.6		1.40	S-Sep.2018	1.2
Olives, pickles, relishes ^{4, 5}		4.3		1.68	L-Aug.2018	4.8
Sauces and gravies ^{4, 5}		0.0		1.16	S-Jul.2017	-0.7
Other condiments ⁵		0.9		1.74	L-Sep.2018	1.4
Baby food ⁴	0.051	7.2	0.004	1.16	L-Jan.2012	7.5
Other miscellaneous foods ⁴	0.398	0.1	0.000	0.51	—	—
Prepared salads ^{6, 5}		-1.9		1.26	S-Nov.2010	-2.0
Food away from home.....	6.011	2.8	0.168	0.10	L-Jul.2018	2.8
Full service meals and snacks ⁴	2.988	2.8	0.083	0.13	L-Jun.2015	2.8
Limited service meals and snacks ⁴	2.553	2.7	0.070	0.18	L-Sep.2018	2.7
Food at employee sites and schools ⁴	0.182	2.3	0.004	0.63	S-Sep.2018	2.2
Food at elementary and secondary schools ^{7, 5}		2.0		0.52	S-Sep.2018	1.7
Food from vending machines and mobile vendors ⁴	0.092	4.2	0.004	1.49	L-Nov.2016	4.3
Other food away from home ⁴	0.197	4.0	0.008	0.53	S-Oct.2018	4.0
Energy.....	7.679	-0.3	-0.025	0.11	S-Sep.2016	-2.9
Energy commodities.....	4.351	-1.8	-0.072	0.17	S-Sep.2016	-6.4
Fuel oil and other fuels.....	0.196	1.3	0.002	0.91	S-Nov.2016	-1.1
Fuel oil.....	0.121	1.9	0.002	1.08	S-Nov.2016	-2.0
Propane, kerosene, and firewood ⁶	0.075	0.5	0.000	1.58	S-Nov.2016	0.2
Motor fuel.....	4.155	-1.9	-0.074	0.18	S-Sep.2016	-6.5
Gasoline (all types).....	4.060	-2.1	-0.082	0.18	S-Sep.2016	-6.5
Gasoline, unleaded regular ⁵		-2.7		0.94	S-Sep.2016	-6.6
Gasoline, unleaded midgrade ^{9, 5}		-0.2		0.78	S-Jun.2017	-0.4
Gasoline, unleaded premium ⁵		1.3		0.79	S-Oct.2016	-0.1
Other motor fuels ⁴	0.095	8.8	0.008	0.28	S-Jul.2017	4.6
Energy services.....	3.329	1.4	0.046	0.15	L-Mar.2018	2.5
Electricity.....	2.582	1.1	0.028	0.18	L-Apr.2018	1.2
Utility (piped) gas service.....	0.747	2.3	0.018	0.22	L-Mar.2018	3.4
All items less food and energy.....	79.065	2.2	1.724	0.08	—	—
Commodities less food and energy commodities.....	19.536	0.1	0.027	0.19	S-Oct.2018	-0.1
Household furnishings and supplies ¹⁰	3.353	0.9	0.030	0.33	S-Oct.2018	0.7
Window and floor coverings and other linens ⁴	0.257	-0.9	-0.002	1.10	S-Sep.2018	-1.0
Floor coverings ⁴	0.056	4.2	0.002	1.56	L-Apr.2018	4.3
Window coverings ⁴	0.045	-5.8	-0.003	2.47	S-Sep.2018	-6.0
Other linens ⁴	0.156	-1.2	-0.002	1.79	S-Apr.2018	-3.2
Furniture and bedding.....	0.882	1.7	0.015	0.84	L-Sep.2012	2.0
Bedroom furniture.....	0.321	0.7	0.002	1.05	L-Oct.2018	1.1
Living room, kitchen, and dining room furniture ⁴	0.426	3.3	0.014	1.41	L-May 2012	3.6
Other furniture ⁴	0.124	-1.2	-0.002	1.58	L-Oct.2018	-0.1
Infants' furniture ^{7, 5}		-4.7		2.26	—	—
Appliances ⁴	0.215	4.7	0.010	1.10	S-Sep.2018	2.9
Major appliances ⁴	0.078	9.1	0.007	1.29	S-Oct.2018	8.1
Laundry equipment ⁵		13.2		2.84	S-Oct.2018	9.9
Other appliances ⁴	0.133	2.2	0.003	1.52	S-Sep.2018	0.5
Other household equipment and furnishings ⁴	0.503	-4.9	-0.026	1.03	S-Aug.2018	-5.1
Clocks, lamps, and decorator items.....	0.280	-7.0	-0.021	1.64	S-Jul.2018	-7.2
Indoor plants and flowers ¹¹	0.091	0.0	0.000	1.28	S-Jun.2018	-0.1
Dishes and flatware ⁴	0.053	-9.4	-0.006	3.20	S-Sep.2018	-9.6
Nonelectric cookware and tableware ⁴	0.079	0.6	0.000	1.49	L-Feb.2013	1.1

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017- Dec. 2018	Unadjusted effect on All Items Dec. 2017- Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Tools, hardware, outdoor equipment and supplies ⁴ . . .	0.660	1.1	0.008	0.70	L-Sep.2013	1.4
Tools, hardware and supplies ⁴	0.194	2.0	0.004	0.81	L-May 2012	2.0
Outdoor equipment and supplies ⁴	0.307	0.6	0.002	0.92	L-Sep.2013	1.3
Housekeeping supplies	0.837	3.1	0.026	0.43	S-Oct.2018	1.3
Household cleaning products ⁴	0.330	1.6	0.005	0.62	S-Jul.2018	1.4
Household paper products ⁴	0.223	3.8	0.008	0.83	—	—
Miscellaneous household products ⁴	0.283	4.4	0.012	0.88	L-Feb.2012	5.0
Apparel	3.057	-0.1	-0.002	0.79	L-Jul.2018	0.3
Men's and boys' apparel	0.762	1.7	0.012	1.43	S-Sep.2018	0.9
Men's apparel	0.585	-1.4	-0.008	1.68	S-Feb.2018	-1.8
Men's suits, sport coats, and outerwear	0.105	-2.7	-0.003	2.87	L-Jul.2018	-0.8
Men's furnishings	0.157	2.4	0.004	3.59	S-Oct.2018	1.7
Men's shirts and sweaters ⁴	0.168	-2.8	-0.005	2.21	L-Oct.2018	2.7
Men's pants and shorts	0.148	-2.9	-0.004	2.81	L-Oct.2018	-0.5
Boys' apparel	0.177	13.1	0.021	3.18	L-EVER	—
Women's and girls' apparel	1.247	-1.3	-0.016	1.21	L-Sep.2018	-1.0
Women's apparel	1.065	-0.8	-0.008	1.32	L-Jun.2018	0.8
Women's outerwear	0.075	2.7	0.002	4.56	L-Oct.2017	3.2
Women's dresses	0.128	-1.3	-0.002	3.98	S-Sep.2016	-4.4
Women's suits and separates ⁴	0.554	-0.8	-0.004	1.77	L-Jun.2018	1.2
Women's underwear, nightwear, sportswear and accessories ⁴	0.296	-1.3	-0.004	2.05	L-Aug.2018	-0.9
Girls' apparel	0.182	-4.3	-0.008	2.99	S-Jul.2016	-4.7
Footwear	0.667	-0.1	-0.001	1.29	L-Aug.2018	0.3
Men's footwear	0.216	4.3	0.009	2.00	L-Mar.2013	4.8
Boys' and girls' footwear	0.159	-1.9	-0.003	2.35	S-Feb.2018	-2.1
Women's footwear	0.292	-2.3	-0.007	1.69	S-Sep.2018	-3.0
Infants' and toddlers' apparel	0.139	5.7	0.008	2.57	L-Jul.2018	7.5
Jewelry and watches ⁸	0.243	-2.1	-0.005	4.64	L-Oct.2018	-0.9
Watches ⁸	0.098	0.5	0.000	10.80	L-Oct.2018	7.3
Jewelry ⁸	0.145	-3.8	-0.006	4.96	L-Aug.2018	-2.0
Transportation commodities less motor fuel ¹⁰	6.579	0.5	0.034	0.19	S-Sep.2018	-0.2
New vehicles	3.704	-0.3	-0.010	0.33	S-Jun.2018	-0.5
New cars and trucks ^{4, 5}		-0.2		0.39	S-Jun.2018	-0.5
New cars ⁵		0.2		0.39	S-Jun.2018	-0.7
New trucks ^{12, 5}		-0.7		0.52	S-May 2018	-1.0
Used cars and trucks	2.382	1.4	0.034	0.09	S-Oct.2018	0.4
Motor vehicle parts and equipment	0.380	2.2	0.008	0.70	L-Oct.2012	2.3
Tires	0.224	1.3	0.003	1.03	L-Oct.2012	2.8
Vehicle accessories other than tires ⁴	0.156	3.5	0.005	0.75	S-Oct.2018	3.1
Vehicle parts and equipment other than tires ⁵		2.9		0.80	S-Sep.2018	2.7
Motor oil, coolant, and fluids ⁵		5.9		1.08	L-Sep.2018	6.8
Medical care commodities	1.713	-0.5	-0.009	0.69	S-Jun.1967	-0.9
Medicinal drugs ¹⁰	1.655	-0.6	-0.010	0.71	S-EVER	—
Prescription drugs	1.312	-0.6	-0.008	0.87	S-Mar.1973	-0.8
Nonprescription drugs ¹⁰	0.343	-0.4	-0.001	0.77	S-Sep.2018	-1.1
Medical equipment and supplies ¹⁰	0.057	1.8	0.001	0.90	L-Jan.2013	1.9
Recreation commodities ¹⁰	1.781	-1.3	-0.024	0.43	L-May 2013	-1.3
Video and audio products ¹⁰	0.226	-11.0	-0.028	1.38	L-Jan.2018	-9.3
Televisions	0.100	-18.6	-0.023	1.88	S-Sep.2018	-18.6
Other video equipment ⁴	0.026	-0.9	0.000	1.71	L-Feb.2015	0.8
Audio equipment	0.043	-4.2	-0.002	2.38	L-Jul.2016	-3.9
Recorded music and music subscriptions ⁴	0.047	-5.8	-0.003	7.26	S-Oct.2016	-7.9
Pets and pet products	0.601	2.2	0.013	0.54	L-Jun.2012	2.4

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017- Dec. 2018	Unadjusted effect on All Items Dec. 2017- Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Pet food ^{4, 5}		1.3		0.69	S-Oct.2018	0.6
Purchase of pets, pet supplies, accessories ^{4, 5}		3.3		1.01	L-Jun.2009	4.1
Sporting goods.....	0.484	2.5	0.012	0.81	L-Apr.2009	2.7
Sports vehicles including bicycles.....	0.275	6.5	0.018	1.23	L-Jul.1981	6.6
Sports equipment.....	0.203	-2.7	-0.006	1.05	L-Jun.2018	-2.2
Photographic equipment and supplies.....	0.034	-3.8	-0.001	2.01	L-May 2018	-0.8
Film and photographic supplies ^{4, 5}						
Photographic equipment ^{4, 5}		-2.2		2.74	L-May 2018	-0.2
Recreational reading materials.....	0.115	4.3	0.005	1.35	L-Oct.2018	4.9
Newspapers and magazines ⁴	0.071	7.7	0.005	1.97	L-Oct.2018	8.6
Recreational books ⁴	0.044	-0.7	0.000	1.67	S-Mar.2018	-2.0
Other recreational goods ⁴	0.321	-7.1	-0.025	0.98	L-Jul.2018	-7.1
Toys.....	0.251	-9.0	-0.025	1.11	L-Jul.2018	-8.7
Toys, games, hobbies and playground equipment ^{4, 5}		-8.4		1.57	L-Jul.2018	-8.3
Sewing machines, fabric and supplies ⁴	0.023	7.9	0.002	2.69	L-May 2018	8.5
Music instruments and accessories ⁴	0.036	-2.5	-0.001	1.50	S-May 2018	-2.6
Education and communication commodities ¹⁰	0.533	-3.3	-0.018	0.97	L-Oct.2018	-3.3
Educational books and supplies.....	0.130	1.0	0.001	1.91	L-Sep.2018	1.8
College textbooks ^{13, 5}		-0.2		1.65	S-Apr.2018	-0.3
Information technology commodities ¹⁰	0.404	-4.6	-0.020	1.04	L-Oct.2018	-4.5
Personal computers and peripheral equipment ⁶	0.306	-3.0	-0.010	1.24	L-Sep.2018	-2.6
Computer software and accessories ⁴	0.025	-3.0	-0.001	3.43	S-Oct.2018	-3.7
Telephone hardware, calculators, and other consumer information items ⁴	0.073	-11.2	-0.009	1.41	S-Jul.2016	-11.3
Alcoholic beverages.....	0.970	1.8	0.017	0.29	—	—
Alcoholic beverages at home.....	0.603	1.5	0.009	0.43	L-Jun.2018	1.7
Beer, ale, and other malt beverages at home.....	0.270	1.9	0.005	0.52	L-Jun.2018	1.9
Distilled spirits at home.....	0.081	1.3	0.001	0.73	L-May 2014	1.3
Whiskey at home ⁵		-0.3		0.99	L-Aug.2018	0.1
Distilled spirits, excluding whiskey, at home ⁵		2.4		1.03	L-Oct.2009	2.4
Wine at home.....	0.253	1.1	0.003	0.81	L-Oct.2018	1.3
Alcoholic beverages away from home.....	0.367	2.2	0.008	0.32	S-Aug.2018	1.9
Beer, ale, and other malt beverages away from home ^{4, 5}		2.2		0.63	S-Oct.2018	2.1
Wine away from home ^{4, 5}		2.6		0.58	S-Jul.2018	2.4
Distilled spirits away from home ^{4, 5}		1.4		0.77	S-Aug.2018	1.4
Other goods ¹⁰	1.549	-0.1	-0.001	0.34	—	—
Tobacco and smoking products.....	0.659	3.4	0.022	0.44	—	—
Cigarettes ⁴	0.585	3.4	0.020	0.43	—	—
Tobacco products other than cigarettes ⁴	0.060	2.9	0.002	1.18	S-Oct.2018	2.7
Personal care products.....	0.686	-0.4	-0.003	0.54	L-Oct.2018	-0.4
Hair, dental, shaving, and miscellaneous personal care products ⁴	0.379	0.9	0.003	0.81	L-Aug.2018	1.3
Cosmetics, perfume, bath, nail preparations and implements.....	0.301	-1.9	-0.006	0.85	L-Oct.2018	-1.1
Miscellaneous personal goods ⁴	0.203	-9.3	-0.021	1.81	S-Oct.2018	-10.2
Stationery, stationery supplies, gift wrap ⁵		-3.4		1.51	L-Sep.2018	-1.7
Infants' equipment ^{7, 5}		-8.8		1.28	S-Oct.2018	-9.4
Services less energy services.....	59.529	2.9	1.697	0.09	—	—
Shelter.....	33.078	3.2	1.051	0.10	—	—
Rent of shelter ¹⁴	32.704	3.2	1.044	0.10	S-Oct.2018	3.2
Rent of primary residence.....	7.897	3.5	0.272	0.11	S-Jun.2015	3.5
Lodging away from home ⁴	0.882	0.7	0.007	2.03	L-Aug.2018	2.4

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017- Dec. 2018	Unadjusted effect on All Items Dec. 2017- Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Housing at school, excluding board ¹⁴	0.114	2.5	0.003	0.29	S-Sep.2018	2.5
Other lodging away from home including hotels and motels.....	0.768	0.5	0.004	2.37	L-Aug.2018	2.1
Owners' equivalent rent of residences ¹⁴	23.924	3.2	0.766	0.10	S-Feb.2018	3.1
Owners' equivalent rent of primary residence ¹⁴ ..	22.589	3.2	0.723	0.10	S-Feb.2018	3.2
Tenants' and household insurance ⁴	0.374	1.9	0.007	0.37	S-Oct.2018	1.8
Water and sewer and trash collection services ⁴	1.096	4.5	0.048	0.20	L-Sep.2015	4.8
Water and sewerage maintenance.....	0.822	3.6	0.029	0.24	L-Aug.2017	3.6
Garbage and trash collection ¹²	0.274	7.1	0.019	0.38	S-Oct.2018	4.5
Household operations ⁴	0.873	6.8	0.058	0.99	L-EVER	—
Domestic services ⁴	0.301	3.9	0.012	0.41	L-May 2018	4.2
Gardening and lawn care services ⁴						
Moving, storage, freight expense ⁴	0.102	3.8	0.004	4.54	L-Sep.2018	6.7
Repair of household items ⁴	0.105	4.5	0.005	0.81	L-Sep.2018	4.6
Medical care services.....	6.932	2.6	0.183	0.32	L-Apr.2017	3.1
Professional services.....	3.243	1.0	0.032	0.38	—	—
Physicians' services.....	1.726	0.6	0.010	0.62	S-Oct.2018	0.4
Dental services.....	0.782	2.3	0.018	0.50	L-Oct.2018	2.3
Eyeglasses and eye care ⁸	0.317	1.4	0.004	0.78	L-Jul.2018	2.5
Services by other medical professionals ⁸	0.418	0.1	0.000	0.86	L-Aug.2018	0.6
Hospital and related services.....	2.608	3.6	0.094	0.50	L-Sep.2018	3.7
Hospital services ¹⁵	2.327	3.7	0.084	0.55	L-Sep.2018	3.8
Inpatient hospital services ^{15, 5}		2.8		1.65	L-Oct.2018	2.9
Outpatient hospital services ^{8, 5}		4.0		1.51	L-Jul.2018	4.3
Nursing homes and adult day services ¹⁵	0.193	3.8	0.007	0.44	—	—
Care of invalids and elderly at home ⁷	0.088	2.5	0.002	1.16	L-Apr.2016	2.8
Health insurance ⁷	1.081	5.4	0.057	0.36	L-Dec.2016	5.6
Transportation services.....	5.990	2.8	0.164	0.25	S-Dec.2016	2.8
Leased cars and trucks ¹³	0.647	4.1	0.026	1.20	L-Oct.2018	5.0
Car and truck rental ⁴	0.119	6.1	0.007	2.67	S-Oct.2018	3.4
Motor vehicle maintenance and repair.....	1.126	2.3	0.026	0.47	S-Oct.2018	2.0
Motor vehicle body work.....	0.056	3.2	0.002	0.64	—	—
Motor vehicle maintenance and servicing.....	0.633	3.1	0.020	0.69	S-Oct.2018	2.7
Motor vehicle repair ⁴	0.373	0.8	0.003	0.64	S-Oct.2018	0.8
Motor vehicle insurance.....	2.409	4.6	0.108	0.46	S-Sep.2014	4.3
Motor vehicle fees ⁴	0.542	2.8	0.015	0.35	L-Jan.2016	2.8
State motor vehicle registration and license fees ⁴	0.280	1.6	0.004	0.43	S-Oct.2018	1.4
Parking and other fees ⁴	0.245	4.3	0.010	0.54	L-Dec.2012	6.4
Parking fees and tolls ^{4, 5}		2.8		1.21	L-Sep.2017	2.8
Automobile service clubs ^{4, 5}						
Public transportation.....	1.147	-1.7	-0.019	0.63	S-Jun.2018	-2.7
Airline fares.....	0.699	-2.6	-0.018	0.94	S-Jul.2018	-4.1
Other intercity transportation.....	0.164	-1.5	-0.003	1.21	S-Oct.2018	-2.6
Intercity bus fare ^{6, 5}		6.4		3.59	L-Nov.2017	8.6
Intercity train fare ^{6, 5}						
Ship fare ^{4, 5}		-0.7		2.08	S-Dec.2017	-1.1
Intracity transportation.....	0.277	0.6	0.002	0.30	L-Sep.2018	0.6
Intracity mass transit ^{10, 5}		1.5		0.81	L-Oct.2018	1.5
Recreation services ¹⁰	3.868	2.3	0.090	0.55	—	—
Video and audio services ¹⁰	1.589	1.7	0.027	0.50	L-Apr.2018	1.9
Cable and satellite television service ¹²	1.501	1.7	0.026	0.51	L-Apr.2018	1.9
Video discs and other media, including rental of video ⁴	0.088	1.5	0.001	1.69	S-Sep.2018	1.2

See footnotes at end of table.

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

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017-Dec. 2018	Unadjusted effect on All Items Dec. 2017-Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Video discs and other media ^{4, 5}		1.3		3.58	S-Sep.2018	-3.1
Rental of video discs and other media ^{4, 5}		0.9		0.80	S-Jul.2017	0.5
Pet services including veterinary ⁴	0.414	2.7	0.011	0.57	S-Sep.2018	2.5
Pet services ^{4, 5}		3.3		0.60	S-Sep.2018	3.1
Veterinarian services ^{4, 5}		2.7		0.65	—	—
Photographers and photo processing ⁴	0.039	1.4	0.001	1.05	L-Sep.2016	2.3
Photographer fees ^{4, 5}						
Photo processing ^{4, 5}		-3.2		1.21	L-Oct.2017	-1.8
Other recreation services ⁴	1.824	2.8	0.051	1.08	S-Oct.2018	2.3
Club membership for shopping clubs, fraternal, or other organizations, or participant sports fees ⁴	0.680	2.4	0.016	1.42	S-Oct.2018	2.1
Admissions.....	0.648	3.7	0.024	1.68	L-Jun.2018	4.1
Admission to movies, theaters, and concerts ^{4, 5}		1.1		1.68	L-Oct.2018	1.9
Admission to sporting events ^{4, 5}		9.2		3.59	L-Aug.2015	9.5
Fees for lessons or instructions ⁸	0.220	1.6	0.003	1.34	S-Jul.2018	1.5
Education and communication services ¹⁰	6.042	0.5	0.033	0.24	S-Apr.2018	0.3
Tuition, other school fees, and childcare.....	2.914	2.7	0.078	0.20	—	—
College tuition and fees.....	1.622	2.8	0.044	0.26	—	—
Elementary and high school tuition and fees.....	0.337	4.4	0.014	0.42	S-Jul.2018	3.9
Child care and nursery school ¹¹	0.803	1.9	0.015	0.40	L-Sep.2018	2.1
Technical and business school tuition and fees ⁴	0.032	2.1	0.001	1.02	—	—
Postage and delivery services ⁴	0.108	2.2	0.002	0.22	S-Mar.2017	1.5
Postage.....	0.094	2.0	0.002	0.22	—	—
Delivery services ⁴	0.014	3.9	0.001	0.99	S-Jul.2017	3.5
Telephone services ⁴	2.229	-2.4	-0.056	0.50	S-Feb.2018	-6.3
Wireless telephone services ⁴	1.660	-3.2	-0.056	0.64	S-Feb.2018	-9.4
Land-line telephone services ¹⁰	0.569	0.0	0.000	0.61	S-Oct.2016	-0.2
Internet services and electronic information providers ⁴	0.783	1.1	0.009	1.21	L-Sep.2016	1.1
Other personal services ¹⁰	1.649	4.3	0.069	0.25	—	—
Personal care services.....	0.628	3.6	0.022	0.36	L-Feb.2016	3.6
Haircuts and other personal care services ⁴	0.628	3.6	0.022	0.36	L-Feb.2016	3.6
Miscellaneous personal services.....	1.020	4.7	0.047	0.38	S-Oct.2018	4.4
Legal services ⁸	0.310	6.4	0.019	0.56	—	—
Funeral expenses ⁸	0.128	2.1	0.003	0.41	S-Sep.2018	1.9
Laundry and dry cleaning services ⁴	0.240	3.6	0.009	0.74	L-Oct.2018	3.6
Apparel services other than laundry and dry cleaning ⁴	0.029	4.8	0.001	0.91	L-Jan.2012	4.9
Financial services ⁸	0.241	4.9	0.011	1.03	S-Mar.2018	1.4
Checking account and other bank services ^{4, 5}		6.4		0.96	S-Feb.2018	4.5
Tax return preparation and other accounting fees ^{4, 5}		6.0		1.14	S-Oct.2018	5.9
Special aggregate indexes						
All items less food.....	86.745	2.0	1.699	0.07	S-Jul.2017	1.8
All items less shelter.....	66.922	1.3	0.859	0.08	S-Aug.2017	1.3
All items less food and shelter.....	53.666	1.2	0.647	0.10	S-Jul.2017	1.0
All items less food, shelter, and energy.....	45.987	1.5	0.672	0.11	—	—
All items less food, shelter, energy, and used cars and trucks.....	43.605	1.5	0.638	0.12	L-Oct.2018	1.5
All items less medical care.....	91.355	1.9	1.736	0.07	S-Jul.2017	1.6
All items less energy.....	92.321	2.1	1.935	0.07	—	—
Commodities.....	37.142	0.4	0.167	0.11	S-Jul.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, December 2018, 12-month analysis table — Continued
 [1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Nov. 2018	Twelve Month				
		Unadjusted percent change Dec. 2017- Dec. 2018	Unadjusted effect on All Items Dec. 2017- Dec. 2018 ¹	Standard error, median price change ²	Largest (L) or Smallest (S) unadjusted change since: ³	
					Date	Percent change
Commodities less food, energy, and used cars and trucks.....	17.154	0.0	-0.008	0.21	L-Feb.2017	0.0
Commodities less food.....	23.887	-0.2	-0.045	0.17	S-Jun.2017	-0.5
Commodities less food and beverages.....	22.916	-0.3	-0.062	0.17	S-Jun.2017	-0.6
Services.....	62.858	2.8	1.743	0.08	L-Aug.2018	2.8
Services less rent of shelter ¹⁴	30.154	2.3	0.699	0.13	L-Mar.2018	2.3
Services less medical care services.....	55.926	2.8	1.560	0.09	—	—
Durables.....	9.897	0.1	0.008	0.18	S-Oct.2018	-0.1
Nondurables.....	27.245	0.6	0.158	0.13	S-Jun.2017	0.6
Nondurables less food.....	13.990	-0.4	-0.053	0.24	S-Sep.2016	-1.0
Nondurables less food and beverages.....	13.020	-0.5	-0.070	0.25	S-Sep.2016	-1.1
Nondurables less food, beverages, and apparel.....	9.962	-0.7	-0.068	0.20	S-Sep.2016	-1.5
Nondurables less food and apparel.....	10.933	-0.5	-0.051	0.18	S-Sep.2016	-1.2
Housing.....	41.925	3.0	1.237	0.09	L-May 2018	3.0
Education and communication ⁴	6.576	0.2	0.015	0.22	—	—
Education ⁴	3.044	2.6	0.080	0.22	L-Sep.2018	2.6
Communication ⁴	3.532	-1.8	-0.065	0.37	S-Mar.2018	-1.8
Information and information processing ⁴	3.424	-1.9	-0.067	0.38	S-Mar.2018	-2.0
Information technology, hardware and services ¹⁶	1.195	-0.9	-0.011	0.81	L-Sep.2018	-0.5
Recreation ⁴	5.649	1.2	0.066	0.40	L-Dec.2017	1.5
Video and audio ⁴	1.815	0.0	-0.001	0.46	L-Apr.2018	0.1
Pets, pet products and services ⁴	1.015	2.4	0.025	0.40	L-Jun.2012	2.6
Photography ⁴	0.074	-1.0	-0.001	1.02	L-Apr.2018	-0.7
Food and beverages.....	14.226	1.6	0.229	0.09	L-Jan.2018	1.6
Domestically produced farm food.....	6.049	0.4	0.023	0.17	L-Aug.2018	0.4
Other services.....	11.559	1.7	0.193	0.21	—	—
Apparel less footwear.....	2.391	-0.1	-0.001	0.97	L-Jul.2018	0.2
Fuels and utilities.....	4.620	2.1	0.097	0.12	L-Apr.2018	2.2
Household energy.....	3.524	1.4	0.049	0.15	L-May 2018	1.4
Medical care.....	8.645	2.0	0.174	0.30	—	—
Transportation.....	16.725	0.7	0.124	0.12	S-Jun.2017	0.5
Private transportation.....	15.578	0.9	0.143	0.12	S-Jun.2017	0.7
New and used motor vehicles ⁴	6.966	0.8	0.059	0.21	S-Sep.2018	0.4
Utilities and public transportation.....	9.302	0.5	0.045	0.16	L-Oct.2018	0.5
Household furnishings and operations.....	4.226	2.1	0.088	0.36	L-Dec.1995	2.5
Other goods and services.....	3.197	2.1	0.068	0.21	—	—
Personal care.....	2.538	1.8	0.046	0.26	—	—

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

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

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

⁴ Indexes on a December 1997=100 base.

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

⁶ Indexes on a December 2007=100 base.

- ⁷ Indexes on a December 2005=100 base.
- ⁸ Indexes on a December 1986=100 base.
- ⁹ Indexes on a December 1993=100 base.
- ¹⁰ Indexes on a December 2009=100 base.
- ¹¹ Indexes on a December 1990=100 base.
- ¹² Indexes on a December 1983=100 base.
- ¹³ Indexes on a December 2001=100 base.
- ¹⁴ Indexes on a December 1982=100 base.
- ¹⁵ Indexes on a December 1996=100 base.
- ¹⁶ Indexes on a December 1988=100 base.