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WESTERN INFORMATION OFFICE: San Francisco, Calif.

Technical information: (415) 625-2270 BLSinfoSF@bls.gov www.bls.gov/regions/west

Media contact: (415) 625-2270

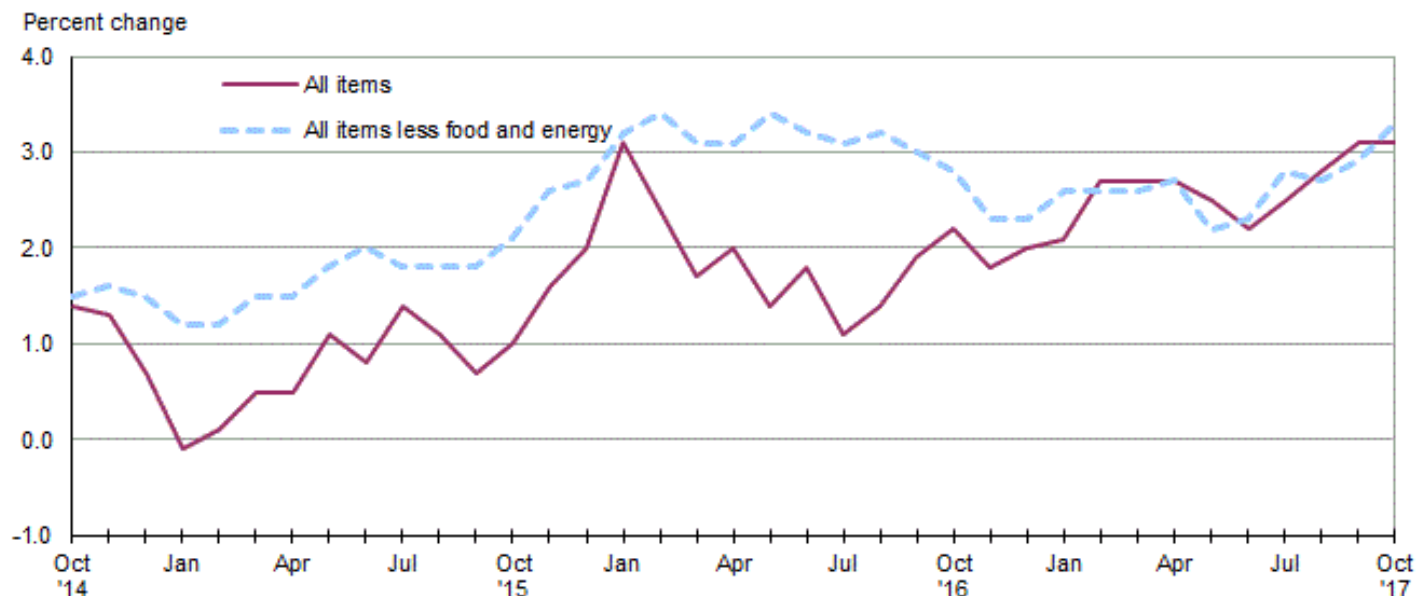
Consumer Price Index, Los Angeles area — October 2017

Area prices were up 0.4 percent over the past month, up 3.1 percent from a year ago

Prices in the Los Angeles area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), advanced 0.4 percent in October, the U.S. Bureau of Labor Statistics reported today. (See [table A](#).) Assistant Commissioner for Regional Operations Richard Holden noted that the October increase was influenced by higher prices for shelter and electricity. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U increased 3.1 percent, the second consecutive year over 3.1 percent increase. (See [chart 1](#) and [table A](#).) Energy prices advanced 3.4 percent, largely the result of an increase in the price of gasoline. The index for all items less food and energy advanced 3.3 percent over the year, up from 2.7 percent year over increase in August 2017. (See [table 1](#).)

Chart 1. Over-the-year percent change in CPI-U, Los Angeles, October 2014–October 2017



Source: U.S. Bureau of Labor Statistics.

Food

Food prices declined 0.4 percent for the month of October. (See [table 1](#).) Prices for food at home decreased 0.9 percent, but prices for food away from home advanced 0.3 percent for the same period.

Over the year, food prices advanced 1.7 percent. Prices for food away from home increased 4.6 percent since a year ago, but prices for food at home declined 0.6 percent.

Energy

The energy index declined 0.6 percent over the month. The decrease was mainly due to lower prices for gasoline (-3.3 percent). Prices for natural gas service decreased 1.4 percent, but prices for electricity increased 5.2 percent for the same period.

Energy prices advanced 3.4 percent over the year, largely due to higher prices for gasoline (8.8 percent). Prices paid for natural gas service decreased 6.4 percent, and prices for electricity decreased 2.5 percent during the past year.

All items less food and energy

The index for all items less food and energy advanced 0.6 percent in October. Higher prices for apparel (1.7 percent) and shelter (0.8 percent) were partially offset by lower prices for other goods and services (-0.3 percent).

Over the year, the index for all items less food and energy advanced 3.3 percent. Components contributing to the increase included other goods and services (6.0 percent) and shelter (4.7 percent). Partly offsetting the increases were price declines in apparel (-3.3 percent) and household furnishings and operations (-0.1 percent).

Table A. Los Angeles-Riverside-Orange County CPI-U monthly and annual percent changes (not seasonally adjusted)

Month	2012		2013		2014		2015		2016		2017	
	Monthly	Annual	Monthly	Annual	Monthly	Annual	Monthly	Annual	Monthly	Annual	Monthly	Annual
January.....	0.8	2.1	0.8	2.0	0.5	0.8	-0.3	-0.1	0.7	3.1	0.9	2.1
February.....	0.5	2.1	0.7	2.2	0.5	0.5	0.7	0.1	0.0	2.4	0.6	2.7
March.....	1.0	2.0	0.1	1.3	0.6	1.0	1.0	0.5	0.3	1.7	0.3	2.7
April.....	0.0	1.5	-0.4	0.9	0.0	1.4	-0.1	0.5	0.2	2.0	0.2	2.7
May.....	0.1	1.6	0.1	1.0	0.4	1.7	1.0	1.1	0.5	1.4	0.3	2.5
June.....	-0.4	1.6	-0.1	1.4	0.1	1.8	-0.3	0.8	0.1	1.8	-0.2	2.2
July.....	-0.1	1.9	-0.1	1.3	0.1	2.0	0.7	1.4	0.0	1.1	0.3	2.5
August.....	0.6	2.3	0.1	0.8	-0.1	1.8	-0.3	1.1	0.0	1.4	0.3	2.8
September.....	0.4	2.2	0.2	0.6	0.0	1.7	-0.4	0.7	0.2	1.9	0.4	3.1
October.....	0.8	3.0	0.1	-0.1	-0.1	1.4	0.2	1.0	0.4	2.2	0.4	3.1
November.....	-1.0	2.1	-0.5	0.4	-0.7	1.3	0.0	1.6	-0.4	1.8		
December.....	-0.7	1.9	0.0	1.1	-0.5	0.7	-0.1	2.0	0.0	2.0		

The November 2017 Consumer Price Index for the Los Angeles-Riverside-Orange County is scheduled to be released on December 13, 2017.

Consumer Price Index Geographic Revision for 2018

In January 2018, BLS will introduce a new geographic area sample for the Consumer Price Index (CPI). As part of the new sample, Los Angeles and Riverside will have separate indexes. The first indexes using the new structure will be published in February 2018. Additional information on the geographic revision is available at: www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm.

Technical Note

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

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Each month, prices are collected in 87 urban areas across the country from about 6,000 housing units and approximately 24,000 retail establishments--department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index.

The index measures price changes from a designated reference date (1982-84) that equals 100.0. An increase of 16.5 percent, for example, is shown as 116.5. This change can also be expressed in dollars as follows: the price of a base period "market basket" of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65. For further details see the CPI home page on the Internet at www.bls.gov/cpi and the BLS Handbook of Methods, Chapter 17, The Consumer Price Index, available on the Internet at www.bls.gov/opub/hom/homch17_a.htm.

In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Because the sample size of a local area is smaller, the local area index is subject to substantially more sampling and other measurement error than the national index. In addition, local indexes are not adjusted for seasonal influences. As a result, local area indexes show greater volatility than the national index, although their long-term trends are quite similar. **NOTE: Area indexes do not measure differences in the level of prices between cities; they only measure the average change in prices for each area since the base period.**

The Los Angeles-Riverside-Orange County, CA. metropolitan area covered in this release is comprised of Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties in the State of California.

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

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods Los Angeles-Riverside-Orange County, CA (1982-84=100 unless otherwise noted)

Item and Group	Indexes			Percent change from-		
	Aug. 2017	Sep. 2017	Oct. 2017	Oct. 2016	Aug. 2017	Sep. 2017
Expenditure category						
All items	256.739	257.890	258.883	3.1	0.8	0.4
All items (1967=100)	758.521	761.921	764.857	-	-	-
Food and beverages	255.487	256.658	255.959	1.6	0.2	-0.3
Food	255.877	257.052	256.111	1.7	0.1	-0.4
Food at home	253.407	255.460	253.154	-0.6	-0.1	-0.9
Food away from home	255.075	255.150	255.903	4.6	0.3	0.3
Alcoholic beverages	234.701	235.761	238.576	0.3	1.7	1.2
Housing	289.452	289.765	292.390	3.8	1.0	0.9
Shelter	332.242	333.103	335.768	4.7	1.1	0.8
Rent of primary residence(1)	350.842	351.705	353.494	4.8	0.8	0.5
Owners' equiv. rent of residences(1)(2)	345.158	346.413	347.802	4.5	0.8	0.4
Owners' equiv. rent of primary residence(1)(2)	345.138	346.393	347.782	4.5	0.8	0.4
Fuels and utilities	305.732	305.195	311.873	-0.1	2.0	2.2
Household energy	262.274	261.575	270.310	-3.5	3.1	3.3
Energy services(1)	260.901	260.165	269.104	-3.6	3.1	3.4
Electricity(1)	290.631	290.669	305.746	-2.5	5.2	5.2
Utility (piped) gas service(1)	237.504	234.905	231.530	-6.4	-2.5	-1.4
Household furnishings and operations	116.584	115.323	116.083	-0.1	-0.4	0.7
Apparel	105.922	106.412	108.180	-3.3	2.1	1.7
Transportation	197.851	201.216	199.790	4.8	1.0	-0.7
Private transportation	194.299	197.983	195.800	5.2	0.8	-1.1
Motor fuel	230.041	242.911	235.084	8.9	2.2	-3.2
Gasoline (all types)	225.027	237.612	229.829	8.8	2.1	-3.3
Gasoline, unleaded regular(3)	225.207	238.002	229.964	8.8	2.1	-3.4
Gasoline, unleaded midgrade(3)(4)	216.434	228.143	222.150	9.1	2.6	-2.6
Gasoline, unleaded premium(3)	216.132	227.211	220.764	8.6	2.1	-2.8
Medical care	474.509	476.051	476.461	2.1	0.4	0.1
Recreation(5)	106.849	107.941	108.214	1.2	1.3	0.3
Education and communication(5)	143.587	144.088	144.561	1.8	0.7	0.3
Other goods and services	416.493	416.085	415.032	6.0	-0.4	-0.3
Commodity and service group						
All items	256.739	257.890	258.883	3.1	0.8	0.4
Commodities	176.177	177.703	177.190	1.9	0.6	-0.3
Commodities less food & beverages	134.898	136.491	136.079	2.1	0.9	-0.3
Nondurables less food & beverages	177.558	181.027	180.167	3.7	1.5	-0.5
Durables	93.067	92.806	92.836	-0.8	-0.2	0.0
Services	328.448	329.259	331.604	3.7	1.0	0.7
Special aggregate indexes						
All items less medical care	247.314	248.445	249.457	3.2	0.9	0.4
All items less shelter	223.663	224.951	225.188	2.1	0.7	0.1
Commodities less food	139.205	140.804	140.471	2.0	0.9	-0.2
Nondurables	217.391	219.879	219.074	2.5	0.8	-0.4
Nondurables less food	183.093	186.488	185.805	3.4	1.5	-0.4
Services less rent of shelter(2)	332.082	332.833	334.750	2.3	0.8	0.6
Services less medical care services	316.137	316.929	319.365	3.9	1.0	0.8
Energy	243.267	250.977	249.477	3.4	2.6	-0.6
All items less energy	259.705	260.370	261.559	3.1	0.7	0.5

Note: See footnotes at end of table.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods Los Angeles-Riverside-Orange County, CA (1982-84=100 unless otherwise noted) - Continued

Item and Group	Indexes			Percent change from-		
	Aug. 2017	Sep. 2017	Oct. 2017	Oct. 2016	Aug. 2017	Sep. 2017
All items less food and energy	260.698	261.277	262.829	3.3	0.8	0.6

Footnotes

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

(2) Index is on a December 1982=100 base.

(3) Special index based on a substantially smaller sample.

(4) Indexes on a December 1993=100 base.

(5) Indexes on a December 1997=100 base.

- Data not available

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