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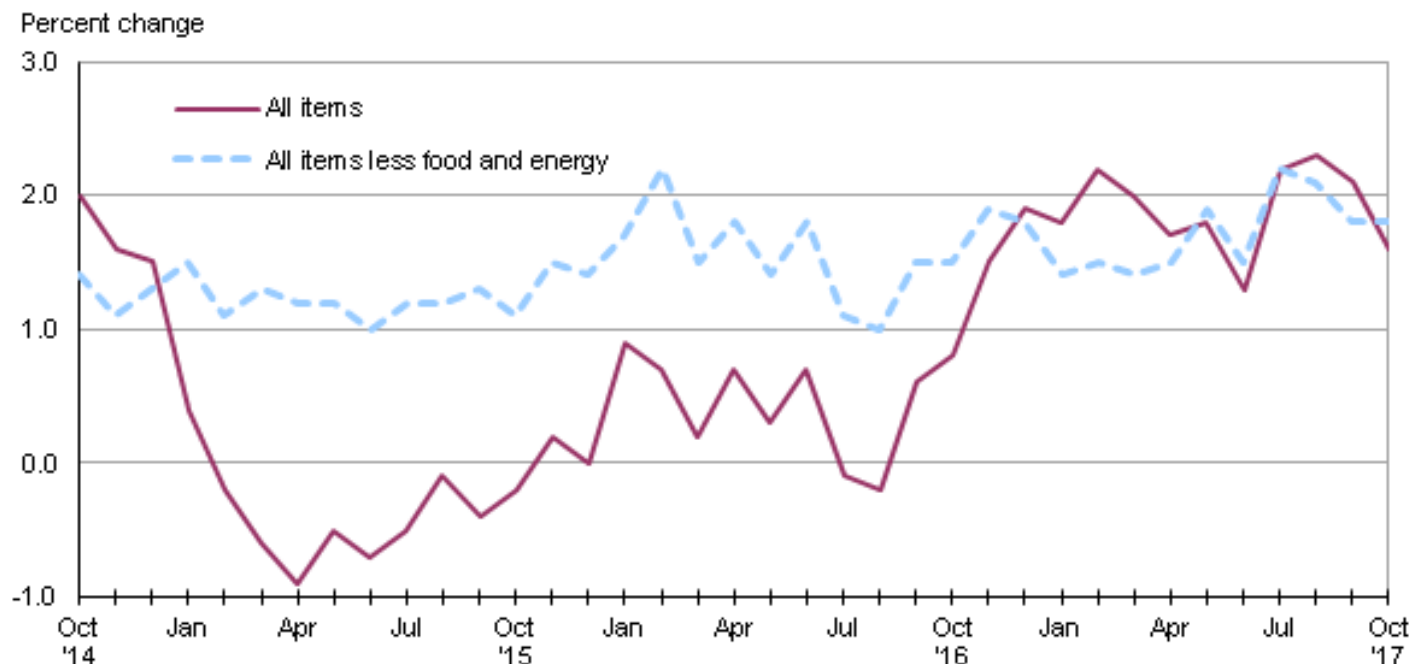
## Consumer Price Index, Chicago-Gary-Kenosha — October 2017

### Local prices up 1.6 percent over the year

The Consumer Price Index for All Urban Consumers (CPI-U) in the Chicago-Gary-Kenosha area declined 0.4 percent in October, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Charlene Peiffer noted that in October the energy index fell 6.2 percent, while the food index increased 0.2 percent. The all items less food and energy index was unchanged over the month. Among the indexes within the all items less food and energy category, prices were higher for recreation and lower for shelter, apparel, and medical care. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect the impact of seasonal influences.)

Over the last 12 months, the Chicago area all items CPI-U increased 1.6 percent. (See [chart 1](#) and [table A.](#)) Over the year the food index increased 0.7 percent and energy costs rose 1.2 percent. Energy costs rose primarily due to an increase in gasoline prices. The all items less food and energy index was 1.8 percent higher over the year. (See [table 1.](#))

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



Source: U.S. Bureau of Labor Statistics.

## Food

Food prices were 0.2 percent higher in October. The food at home index (groceries) increased 0.3 percent, while the food away from home (restaurant, cafeteria, and vending purchases) index was unchanged. Within the food at home group, prices were higher in October for citrus fruits, other meats, and eggs. In contrast, the indexes for uncooked ground beef; other fresh vegetables; and bacon, breakfast sausage, and related products were lower.

From October 2016 to October 2017, the food index increased 0.7 percent. Grocery prices rose 0.4 percent, and food away from home prices rose 1.1 percent over the year.

## Energy

The energy index declined 6.2 percent in October. The indexes for electricity, gasoline, and utility (piped) gas service were down 15.3 percent, 1.9 percent, and 1.9 percent, respectively.

Over the year, the Chicago area energy index rose 1.2 percent. From October 2016 to October 2017, gasoline prices increased 9.2 percent. Costs for electricity and utility (piped) gas service were down 7.8 percent and 2.6 percent, respectively.

## All items less food and energy

The index for all items less food and energy was unchanged in October. Among the index's components, prices were higher for recreation (1.1 percent) and owners' equivalent rent of residences (0.2 percent). Prices were lower for lodging away from home, apparel (-1.5 percent), and medical care (-0.5 percent).

Over the year, the index for all items less food and energy increased 1.8 percent. Increases in the indexes for owners' equivalent rent of residences (2.3 percent), recreation (8.4 percent), medical care (3.2 percent), and rent of primary residence (3.2 percent), were major contributing factors.

**Table A. Chicago CPI-U 1-month and 12-month percent changes, all items index, not seasonally adjusted**

Month	2013		2014		2015		2016		2017	
	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month
January.....	0.2	1.2	0.9	1.2	-0.2	0.4	0.8	0.9	0.7	1.8
February.....	1.1	2.3	0.5	0.7	0.0	-0.2	-0.2	0.7	0.1	2.2
March.....	-0.1	0.9	1.1	1.9	0.7	-0.6	0.1	0.2	-0.1	2.0
April.....	0.0	0.9	0.5	2.4	0.1	-0.9	0.6	0.7	0.4	1.7
May.....	0.5	1.5	-0.1	1.8	0.3	-0.5	0.0	0.3	0.2	1.8
June.....	0.1	1.7	0.4	2.0	0.2	-0.7	0.5	0.7	0.0	1.3
July.....	-0.2	1.7	-0.4	1.9	-0.1	-0.5	-0.8	-0.1	0.0	2.2
August.....	0.1	1.1	0.1	1.9	0.4	-0.1	0.2	-0.2	0.3	2.3
September.....	-0.2	0.7	0.0	2.1	-0.3	-0.4	0.6	0.6	0.4	2.1
October.....	-0.3	0.5	-0.4	2.0	-0.1	-0.2	0.1	0.8	-0.4	1.6
November.....	-0.3	0.6	-0.8	1.6	-0.4	0.2	0.2	1.5		
December.....	-0.3	0.5	-0.4	1.5	-0.6	0.0	-0.2	1.9		

**The November 2017 Consumer Price Index for Chicago is scheduled to be released on Wednesday, 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, the index for this area will be renamed. 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](http://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](http://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/pdf/homch17.pdf](http://www.bls.gov/opub/hom/pdf/homch17.pdf).

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 **Chicago-Gary-Kenosha, Ill.-Ind.-Wis.** consolidated area covered in this release is comprised of Cook, DeKalb, DuPage, Grundy, Kane, Kankakee, Kendall, Lake, McHenry, and Will Counties in Illinois; Lake and Porter Counties in Indiana; and Kenosha County in Wisconsin.

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 Chicago-Gary-Kenosha, IL-IN-WI (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
<b>Expenditure category</b>						
All items.....	234.200	235.177	234.159	1.6	0.0	-0.4
All items (1967=100).....	699.692	702.611	699.570	-	-	-
Food and beverages.....	245.149	244.964	245.536	0.8	0.2	0.2
Food.....	244.996	244.644	245.128	0.7	0.1	0.2
Food at home.....	235.909	234.902	235.713	0.4	-0.1	0.3
Food away from home.....	253.003	253.690	253.649	1.1	0.3	0.0
Alcoholic beverages.....	245.675	247.956	249.816	2.8	1.7	0.8
Housing.....	241.825	242.995	240.383	1.1	-0.6	-1.1
Shelter.....	302.997	304.810	304.313	2.1	0.4	-0.2
Rent of primary residence(1).....	322.751	324.447	325.122	3.2	0.7	0.2
Owners' equiv. rent of residences(1)(2).....	307.579	309.050	309.658	2.3	0.7	0.2
Owners' equiv. rent of primary residence(1)(2).....	307.579	309.050	309.658	2.3	0.7	0.2
Fuels and utilities.....	208.785	207.884	192.020	-3.2	-8.0	-7.6
Household energy.....	165.293	164.349	147.749	-5.7	-10.6	-10.1
Energy services(1).....	168.648	167.639	150.476	-5.7	-10.8	-10.2
Electricity(1).....	163.078	163.356	138.386	-7.8	-15.1	-15.3
Utility (piped) gas service(1).....	162.964	159.971	156.871	-2.6	-3.7	-1.9
Household furnishings and operations.....	90.187	90.768	90.012	-2.4	-0.2	-0.8
Apparel.....	88.344	92.127	90.782	0.1	2.8	-1.5
Transportation.....	180.249	182.392	181.768	1.9	0.8	-0.3
Private transportation.....	177.959	179.771	178.728	1.9	0.4	-0.6
Motor fuel.....	223.744	236.090	231.670	9.3	3.5	-1.9
Gasoline (all types).....	221.547	233.691	229.298	9.2	3.5	-1.9
Gasoline, unleaded regular(3).....	212.454	224.187	219.931	9.6	3.5	-1.9
Gasoline, unleaded midgrade(3)(4).....	248.336	261.938	257.066	7.8	3.5	-1.9
Gasoline, unleaded premium(3).....	248.044	260.718	256.207	7.6	3.3	-1.7
Medical care.....	502.922	501.161	498.577	3.2	-0.9	-0.5
Recreation(5).....	115.755	115.179	116.468	8.4	0.6	1.1
Education and communication(5).....	143.216	143.088	143.709	-0.2	0.3	0.4
Other goods and services.....	385.543	384.766	387.616	0.3	0.5	0.7
<b>Commodity and service group</b>						
All items.....	234.200	235.177	234.159	1.6	0.0	-0.4
Commodities.....	166.368	167.633	166.856	0.8	0.3	-0.5
Commodities less food & beverages.....	126.594	128.379	127.099	0.9	0.4	-1.0
Nondurables less food & beverages.....	170.015	174.499	172.210	2.8	1.3	-1.3
Durables.....	86.692	86.418	85.949	-1.8	-0.9	-0.5
Services.....	298.606	299.284	298.040	2.0	-0.2	-0.4
<b>Special aggregate indexes</b>						
All items less medical care.....	222.660	223.758	222.808	1.4	0.1	-0.4
All items less shelter.....	211.010	211.699	210.498	1.3	-0.2	-0.6
Commodities less food.....	130.887	132.703	131.489	0.9	0.5	-0.9
Nondurables.....	208.132	210.398	209.473	1.7	0.6	-0.4
Nondurables less food.....	175.082	179.466	177.397	2.8	1.3	-1.2
Services less rent of shelter(2).....	309.448	308.929	306.825	2.0	-0.8	-0.7
Services less medical care services.....	283.734	284.781	283.417	2.0	-0.1	-0.5
Energy.....	187.641	191.843	179.986	1.2	-4.1	-6.2
All items less energy.....	240.539	241.226	241.203	1.6	0.3	0.0
All items less food and energy.....	240.578	241.456	241.341	1.8	0.3	0.0

Note: See footnotes at end of table.

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. Data not seasonally adjusted.