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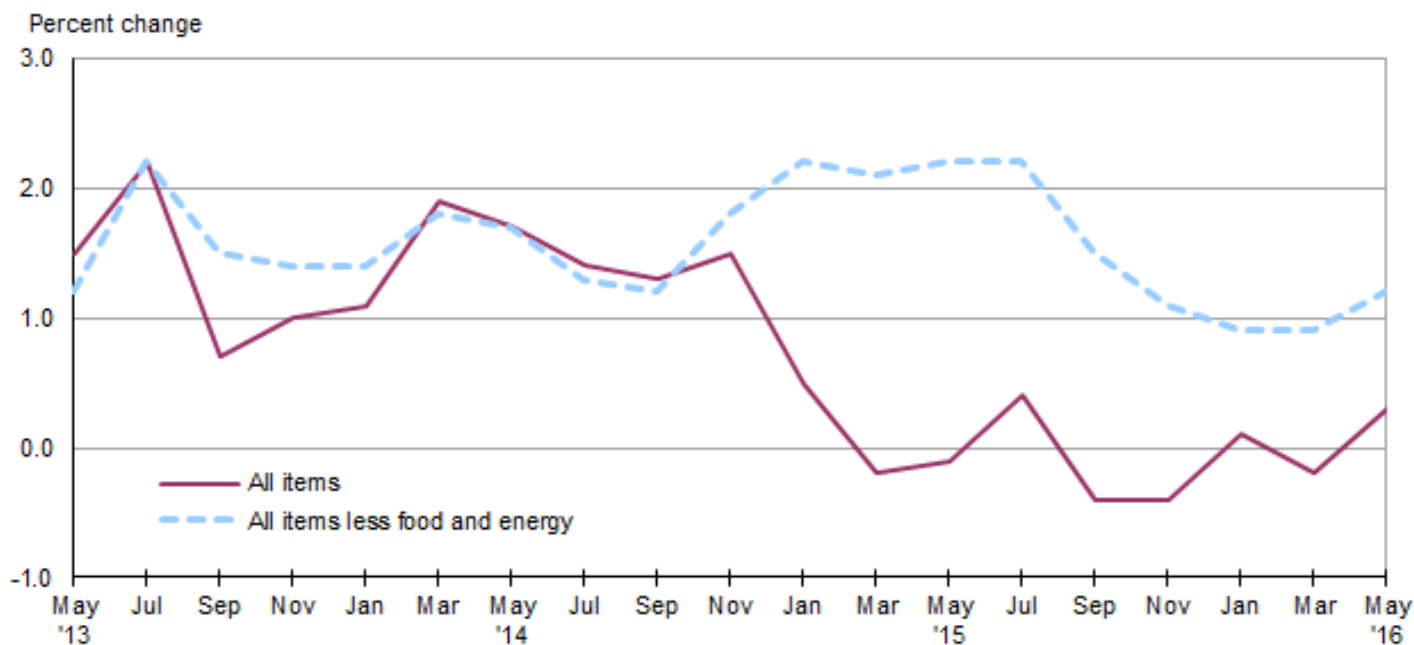
## Consumer Price Index, Cleveland-Akron-Lorain — May 2016

### Local prices increase 0.3 percent over the year

The Cleveland-Akron, Ohio, Consumer Price Index for All Urban Consumers (CPI-U) increased 0.9 percent from March to May, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Charlene Peiffer noted that energy costs rose 7.5 percent and food prices were down 0.6 percent over the bi-monthly period. The index for all items less food and energy rose 0.6 percent. Within this last category, costs were higher for shelter and recreation over the two-month period. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect the impact of seasonal influences.)

Over the past 12 months the Cleveland area all items CPI-U rose 0.3 percent. (See [chart 1](#) and [table A](#).) The energy index fell 5.6 percent from its May 2015 level due to decreases in gasoline prices and utility (piped) gas service costs over the year. The index for all items less food and energy rose 1.2 percent over the past 12 months. (See [table 1](#).)

**Chart 1. Over-the-year percent change in CPI-U, Cleveland, May 2013–May 2016**



Source: U.S. Bureau of Labor Statistics.

## Food

Food prices were down 0.6 percent from March to May, similar to the 0.6-percent decrease over the previous bi-monthly period. Between the food index's two components, prices for food at home (groceries) decreased 1.0 percent, while prices for food away from home (restaurant, cafeteria, and vending purchases) edged down 0.1 percent over the recent two-month period.

Over the year, overall food prices were 0.8 percent lower. Prices for food at home fell 2.5 percent and food away from home prices increased 1.9 percent.

## Energy

The energy index increased 7.5 percent from March to May following a 1.6-percent increase over the previous bi-monthly period. In the current period, increasing prices for gasoline (19.7 percent) contributed to the rise in the overall energy index. Utility (piped) gas service costs and electricity costs were 3.0 percent and 0.3 percent lower, respectively.

Over the year, the energy index fell 5.6 percent due to decreases in gasoline prices (-9.4 percent) and utility (piped) gas service costs (-15.8 percent). Electricity costs rose 5.7 percent from their May 2015 level.

## All items less food and energy

The index for all items less food and energy increased 0.6 percent from March to May. Among the index's components, prices were higher for shelter (1.1 percent) and recreation (3.4 percent).

Over the year, the index for all items less food and energy rose 1.2 percent. Increases in the indexes for shelter (1.7 percent), apparel (5.0 percent), and education and communication (1.6 percent) were major contributing factors.

**Table A. Cleveland CPI-U 2-month and 12-month percent changes, all items index, not seasonally adjusted**

Month	2012		2013		2014		2015		2016	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
January.....	0.4	2.1	0.2	1.5	0.3	1.1	-0.7	0.5	-0.1	0.1
March .....	1.3	2.6	0.9	1.0	1.6	1.9	0.9	-0.2	0.5	-0.2
May .....	-0.1	1.1	0.4	1.5	0.2	1.7	0.4	-0.1	0.9	0.3
July .....	0.0	1.4	0.7	2.2	0.5	1.4	0.9	0.4		
September.....	1.0	1.8	-0.4	0.7	-0.5	1.3	-1.4	-0.4		
November.....	-1.0	1.6	-0.7	1.0	-0.6	1.5	-0.5	-0.4		

**The July 2016 Consumer Price Index for Cleveland is scheduled to be released on Tuesday, August 16, 2016.**

## 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 **Cleveland-Akron, Ohio** consolidated area covered in this release is comprised of Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, and Summit Counties in Ohio.

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**Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods Cleveland-Akron, OH (1982-84=100 unless otherwise noted)**

Item and Group	Indexes			Percent change from-		
	Mar. 2016	Apr. 2016	May 2016	May 2015	Mar. 2016	Apr. 2016
<b>Expenditure category</b>						
All items .....	219.970	-	221.926	0.3	0.9	-
All items (1967=100) .....	704.889	-	711.156	-	-	-
Food and beverages .....	250.691	-	249.436	-0.5	-0.5	-
Food .....	255.587	-	254.000	-0.8	-0.6	-
Food at home .....	244.785	247.509	242.379	-2.5	-1.0	-2.1
Food away from home .....	275.608	-	275.377	1.9	-0.1	-
Alcoholic beverages .....	195.321	-	197.148	2.6	0.9	-
Housing .....	204.167	-	205.719	1.2	0.8	-
Shelter .....	237.377	239.008	239.984	1.7	1.1	0.4
Rent of primary residence <sup>(1)</sup> .....	235.093	235.804	236.362	1.8	0.5	0.2
Owners' equiv. rent of residences <sup>(1) (2)</sup> .....	231.431	232.807	233.107	2.2	0.7	0.1
Owners' equiv. rent of primary residence <sup>(1) (2)</sup> .....	231.431	232.807	233.107	2.2	0.7	0.1
Fuels and utilities .....	189.299	-	187.881	-0.9	-0.7	-
Household energy .....	154.359	151.228	152.766	-1.7	-1.0	1.0
Energy services <sup>(1)</sup> .....	153.024	149.881	151.264	-1.6	-1.2	0.9
Electricity <sup>(1)</sup> .....	181.617	180.982	180.982	5.7	-0.3	0.0
Utility (piped) gas service <sup>(1)</sup> .....	99.434	93.403	96.416	-15.8	-3.0	3.2
Household furnishings and operations .....	117.291	-	117.609	0.1	0.3	-
Apparel .....	143.001	-	140.170	5.0	-2.0	-
Transportation .....	190.888	-	196.456	-2.9	2.9	-
Private transportation .....	191.210	-	196.269	-3.4	2.6	-
Motor fuel .....	197.979	213.719	237.006	-9.5	19.7	10.9
Gasoline (all types) .....	195.897	211.511	234.583	-9.4	19.7	10.9
Gasoline, unleaded regular <sup>(3)</sup> .....	184.130	199.307	222.094	-10.9	20.6	11.4
Gasoline, unleaded midgrade <sup>(3) (4)</sup> .....	212.200	228.591	250.804	-6.4	18.2	9.7
Gasoline, unleaded premium <sup>(3)</sup> .....	217.369	231.431	252.569	-2.8	16.2	9.1
Medical care .....	418.152	-	418.757	1.1	0.1	-
Recreation <sup>(5)</sup> .....	113.311	-	117.204	0.0	3.4	-
Education and communication <sup>(5)</sup> .....	126.273	-	126.965	1.6	0.5	-
Other goods and services .....	417.416	-	421.591	3.0	1.0	-
<b>Commodity and service group</b>						
All items .....	219.970	-	221.926	0.3	0.9	-
Commodities .....	187.312	-	189.507	-1.2	1.2	-
Commodities less food & beverages .....	155.491	-	159.356	-1.4	2.5	-
Nondurables less food & beverages .....	197.768	-	205.753	-1.5	4.0	-
Durables .....	109.063	-	109.560	-1.3	0.5	-
Services .....	253.138	-	254.892	1.3	0.7	-
<b>Special aggregate indexes</b>						
All items less medical care .....	210.885	-	212.905	0.2	1.0	-
All items less shelter .....	215.049	-	216.781	-0.3	0.8	-
Commodities less food .....	157.062	-	160.826	-1.3	2.4	-
Nondurables .....	224.405	-	227.549	-1.3	1.4	-
Nondurables less food .....	197.261	-	204.631	-1.4	3.7	-
Services less rent of shelter <sup>(2)</sup> .....	275.668	-	276.521	1.1	0.3	-
Services less medical care services .....	240.668	-	242.537	1.2	0.8	-
Energy .....	172.146	175.743	185.107	-5.6	7.5	5.3
All items less energy .....	226.645	-	227.603	0.8	0.4	-

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 Cleveland-Akron, OH (1982-84=100 unless otherwise noted) - Continued**

Item and Group	Indexes			Percent change from-		
	Mar. 2016	Apr. 2016	May 2016	May 2015	Mar. 2016	Apr. 2016
All items less food and energy .....	221.749	-	223.187	1.2	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.