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MIDWEST INFORMATION OFFICE: Chicago, Ill.

Technical information: (312) 353-1880 BLSInfoChicago@bls.gov www.bls.gov/regions/midwest

Media contact: (312) 353-1138

Average Energy Prices, Cleveland-Akron-Lorain — August 2017

Gasoline prices averaged \$2.302 a gallon in the Cleveland-Akron-Lorain area in August 2017, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Charlene Peiffer noted that area gasoline prices were up 14.7 cents compared to August 2016 when they averaged \$2.155 per gallon. Cleveland area households paid an average of 13.9 cents per kilowatt-hour (kWh) of electricity in August 2017, 9.4 percent higher than the 12.7 cents per kWh paid in August 2016. Utility (piped) gas averaged 84.5 cents per therm in August, up from its average price of 61.5 cents per therm a year earlier. (Data in this release are not seasonally adjusted; accordingly, over-the-year-analysis is used throughout.)

At \$2.302 a gallon, costs for gasoline in the Cleveland area were 13.4 cents lower than the national average of \$2.436 in August 2017. Cleveland area gasoline prices in the previous four years (2013-2016) in August have been lower than the nation average, ranging from 5.8 cents to 17.9 cents lower. (See [chart 1](#).)

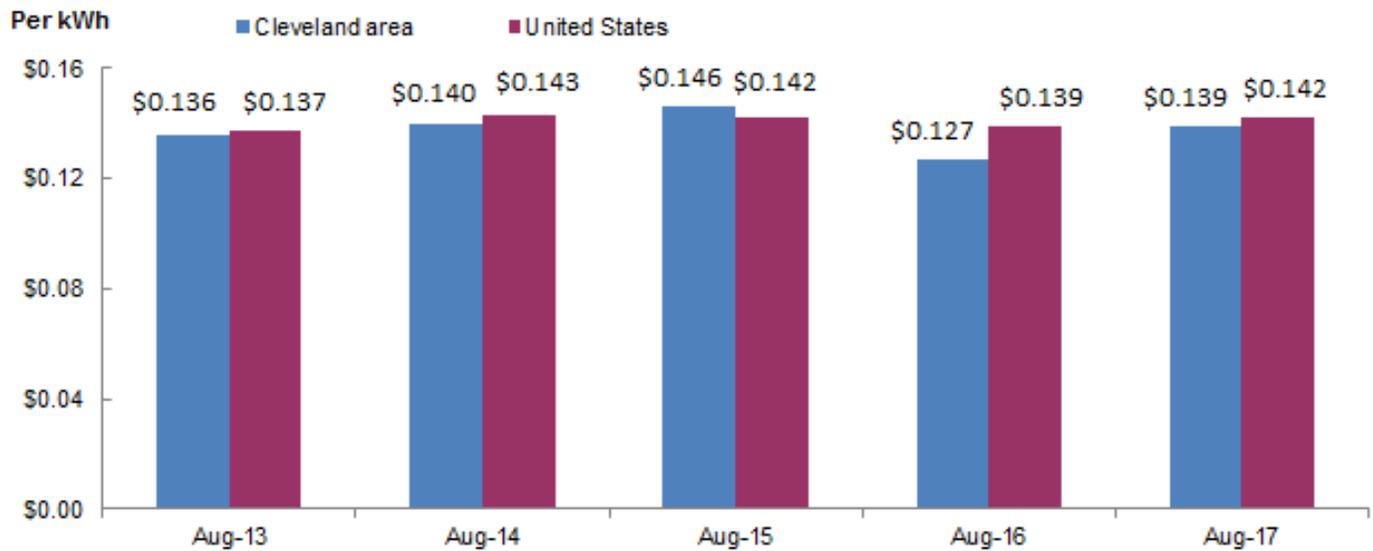
Chart 1. Average prices for gasoline, Cleveland-Akron-Lorain and the United States, 2013-2017 (as of August)



Source: U.S. Bureau of Labor Statistics.

The 13.9 cents per kWh Cleveland households paid for electricity in August 2017 was similar to the nationwide average of 14.2 cents during this same period. Excluding August 2016, when Cleveland area electricity costs were 8.6 percent lower than the national average, Cleveland area electricity costs in the previous four years (2013-2016) in August were comparable to the national average. (See [chart 2.](#))

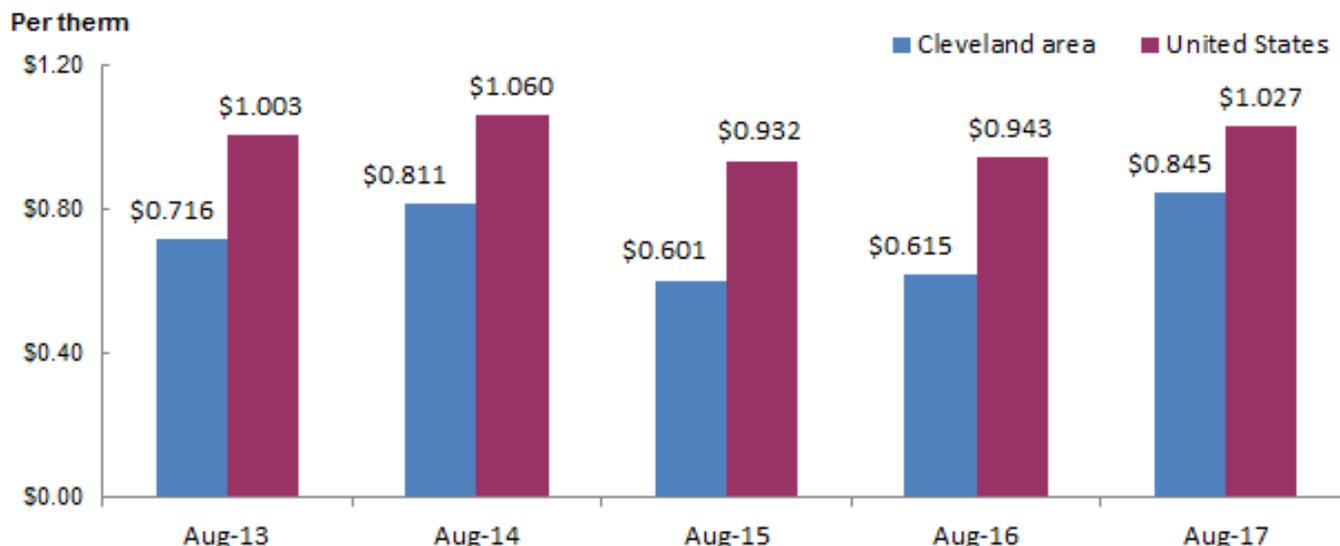
Chart 2. Average prices for electricity, Cleveland-Akron-Lorain and the United States, 2013-2017 (as of August)



Source: U.S. Bureau of Labor Statistics.

Prices paid by Cleveland area consumers for utility (piped) gas, commonly referred to as natural gas, at 84.5 cents per therm, were 17.7 percent below the national average of \$1.027 per therm in August 2017. Utility (piped) gas prices in the Cleveland area were also lower than the national average in the prior four years (2013-2016) in August, ranging from 23.5 percent lower in 2014 to 35.5 percent in 2015. (See [chart 3.](#))

Chart 3. Average prices for utility (piped) gas, Cleveland-Akron-Lorain and the United States, 2013-2017 (as of August)



Source: U.S. Bureau of Labor Statistics.

The **Cleveland-Akron-Lorain, Ohio, Consolidated Metropolitan Statistical Area** consists of Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage and Summit Counties in Ohio.

Historical average energy prices for the U.S. and select metropolitan areas are available at www.bls.gov/regions/midwest/data/averageenergyprices_selectedareas_table.htm.

The Consumer Price Index for September 2017 is scheduled to be released on Friday, October 13, 2017.

Consumer Price Index Geographic Revision 2018

In January 2018, BLS will introduce a new geographic area sample for the Consumer Price Index (CPI). As part of the the new sample, average energy prices for this area will be discontinued. Additional information on the geographic revision is available at: www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm.

Technical Note

Average prices are estimated from Consumer Price Index (CPI) data for selected commodity series to support the research and analytic needs of CPI data users. Average prices for electricity, utility (piped) gas, and gasoline are published monthly for the U.S. city average, the 4 regions, the 3 population size classes, 10 region/size-class cross-classifications, and the 14 largest local index areas. For electricity, average prices per kilowatt-hour (kWh) are published. For utility (piped) gas, average prices per therm are published. For gasoline, the average price per gallon is published. Average prices for commonly available grades of gasoline are published as well as the average price across all grades.

All eligible prices are converted to a price per normalized quantity. These prices are then used to estimate a price for a defined fixed quantity. The average price per kilowatt-hour represents the total bill divided by the kilowatt-hour usage. The total bill is the sum of all items applicable to all consumers appearing on an electricity bill including, but not limited to, variable rates per kWh, fixed costs, taxes, surcharges, and credits. This calculation also applies to the average price per therm for utility (piped) gas.

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. Average prices for gasoline, electricity, and utility (piped) gas, Cleveland-Akron-Lorain and the United States, August 2016 – August 2017, not seasonally adjusted

Year and month	Gasoline per gallon		Electricity per kWh		Utility (piped) gas per therm	
	Cleveland area	United States	Cleveland area	United States	Cleveland area	United States
2016						
August	\$2.155	\$2.218	\$0.127	\$0.139	\$0.615	\$0.943
September	2.161	2.269	0.119	0.139	0.596	0.954
October	2.166	2.304	0.120	0.134	0.616	0.961
November	2.110	2.246	0.119	0.131	0.620	0.970
December	2.184	2.289	0.116	0.133	0.617	0.972
2017						
January	2.284	2.409	0.120	0.134	0.667	1.000
February	2.098	2.360	0.120	0.135	0.714	1.003
March	2.224	2.386	0.126	0.134	0.662	0.989
April	2.338	2.479	0.123	0.135	0.603	1.000
May	2.269	2.448	0.127	0.137	0.864	1.036
June	2.227	2.400	0.141	0.142	0.858	1.040
July	2.145	2.344	0.139	0.143	0.854	1.031
August	2.302	2.436	0.139	0.142	0.845	1.027