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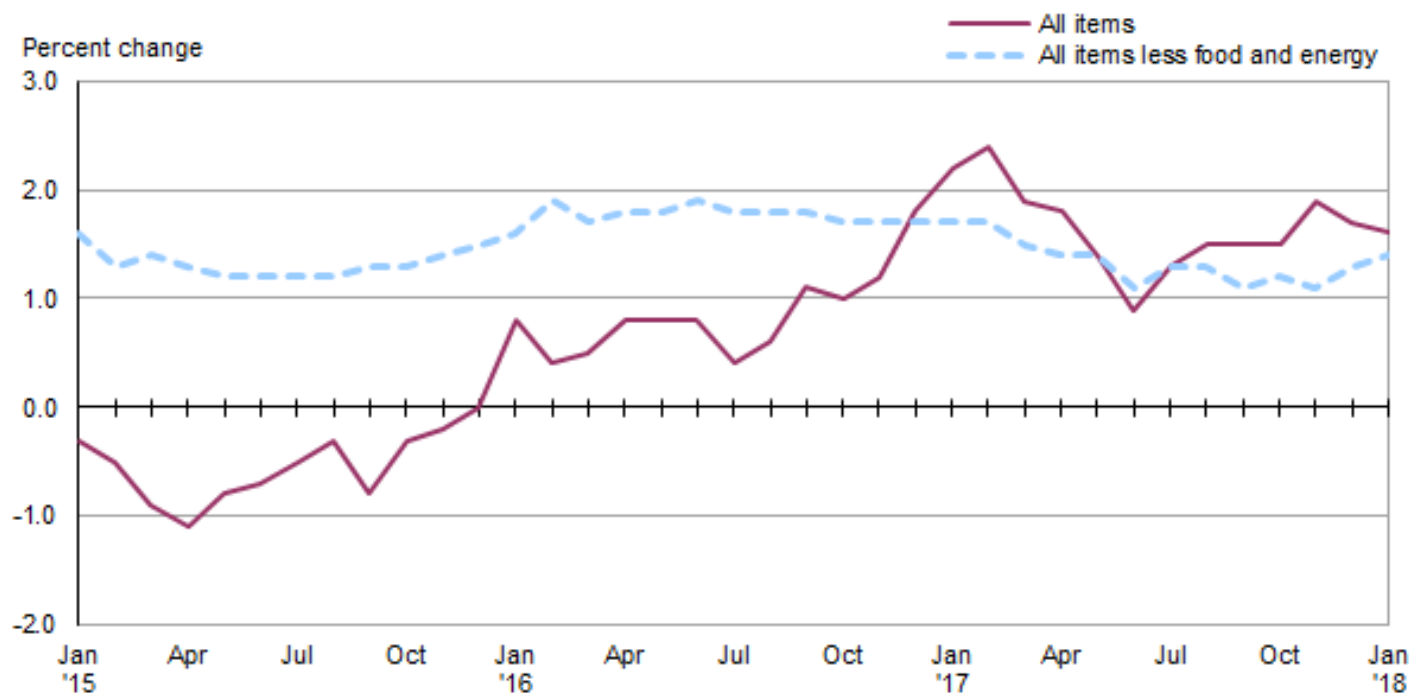
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Consumer Price Index, Midwest Region – January 2018

Prices in the Midwest up 0.6 percent in January and 1.6 percent higher over the year

The Consumer Price Index for All Urban Consumers (CPI-U) in the Midwest turned up 0.6 percent in January, following a decrease of 0.2 percent in the prior month, the U.S. Bureau of Labor Statistics reported today. Higher costs for gasoline (4.9 percent) led the increase. Overall, energy prices were up 2.7 percent over the month. Food prices were 0.4 percent higher in January and the index for all items less food and energy rose 0.5 percent. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect the impact of seasonal influences.)

Chart 1. Over-the-year percent change in CPI-U, Midwest region, January 2015–January 2018



Source: U.S. Bureau of Labor Statistics.

The CPI-U for the Midwest advanced 1.6 percent from January 2017 to January 2018. (See [chart 1](#) and [table A](#).) The energy index, which includes motor fuel and household fuels, rose 4.6 percent and food prices increased 1.3 percent. Excluding food and energy, the CPI-U was up 1.4 percent over the year. (See [table 1](#).)

Food

Food prices in the Midwest increased 0.4 percent in January after decreasing in each of the prior two months. Costs for food at home rose 0.5 percent following a decline of 0.4 percent in December. The index for food away from home was up 0.2 percent over the month.

From January 2017 to January 2018, the index for food was 1.3 percent higher. Prices for food away from home rose 2.2 percent and prices for food at home were up 0.7 percent.

Energy

The energy index turned up 2.7 percent in January largely due to higher prices for gasoline. Gasoline prices rose 4.9 percent following a decline of 6.5 percent in December. Higher costs for electricity also contributed to the advance with an increase of 1.2 percent. Costs for utility (piped) gas service were down 1.5 percent over the month.

Energy costs rose 4.6 percent from January 2017 to January 2018 led by an 8.9-percent increase in gasoline prices. Higher costs for electricity (1.3 percent) also contributed to the increase. Prices for utility (piped) gas service (-2.8 percent) declined over the year.

All items less food and energy

The index for all items less food and energy for the Midwest was up 0.5 percent in January following little change in December (0.1 percent). Higher costs for shelter (0.3 percent) had the largest upward impact on the index, followed by prices for apparel (2.1 percent) and household furnishings and operations (1.3 percent). The medical care commodities index (-0.7 percent) was among those that were lower over the month.

The index for all items less food and energy was up 1.4 percent from January 2017 to January 2018. Higher costs for shelter (2.6 percent) led the increase.

The Midwest Consumer Price Index for All Urban Consumers (CPI-U) stood at 232.028 in January 2018. A typical market basket of goods and services that cost \$100.00 in the 1982-84 base period cost \$232.03 in January 2018.

CPI-W

In January, the Midwest Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) was 226.170. The CPI-W increased 0.7 percent in January and rose 1.7 percent over the year.

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

Month	2014		2015		2016		2017		2018	
	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month
January.....	0.5	1.4	-0.6	-0.3	0.3	0.8	0.7	2.2	0.6	1.6
February.....	0.6	0.9	0.3	-0.5	0.0	0.4	0.2	2.4		
March.....	0.9	1.5	0.6	-0.9	0.6	0.5	0.1	1.9		
April.....	0.3	1.9	0.1	-1.1	0.4	0.8	0.4	1.8		
May.....	0.2	1.6	0.4	-0.8	0.4	0.8	0.0	1.4		
June.....	0.5	1.7	0.5	-0.7	0.6	0.8	0.0	0.9		
July.....	-0.3	1.8	0.0	-0.5	-0.5	0.4	0.0	1.3		
August.....	-0.2	1.6	0.0	-0.3	0.1	0.6	0.3	1.5		
September.....	0.1	1.6	-0.3	-0.8	0.2	1.1	0.3	1.5		
October.....	-0.5	1.6	-0.1	-0.3	-0.1	1.0	-0.2	1.5		
November.....	-0.6	1.2	-0.5	-0.2	-0.3	1.2	0.2	1.9		

Table A. Midwest region CPI-U 1-month and 12-month percent changes, all items index, not seasonally adjusted - Continued

Month	2014		2015		2016		2017		2018	
	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month
December	-0.7	0.7	-0.6	0.0	0.1	1.8	-0.2	1.7		

The February 2018 Consumer Price Index for the Midwest region is scheduled to be released on Tuesday, March 13, 2018.

Consumer Price Index Geographic Revision for 2018

In January 2018, BLS introduced a new geographic area sample for the Consumer Price Index (CPI). The indexes using the new structure are published for the first time this month.

Additional information on the geographic revision is available at: <https://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 94 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers approximately 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 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.

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/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 Midwest region is comprised of Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

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Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods, Midwest Region, (1982-84=100 unless otherwise noted) (not seasonally adjusted)

Expenditure category	Indexes			Percent change from		
	Nov. 2017	Dec. 2017	Jan. 2018	Jan. 2017	Nov. 2017	Dec. 2017
All items	231.084	230.548	232.028	1.6	0.4	0.6
All items (December 1977 = 100).....	375.987	375.115	377.523			
Food and beverages	242.643	242.295	243.305	1.3	0.3	0.4
Food	242.006	241.621	242.601	1.3	0.2	0.4
Food at home	226.388	225.452	226.656	0.7	0.1	0.5
Cereals and bakery products		258.197	258.660			0.2
Meats, poultry, fish, and eggs.....		245.403	247.204			0.7
Dairy and related products		195.656	199.915			2.2
Fruits and vegetables		268.746	271.572			1.1
Nonalcoholic beverages and beverage materials.....		158.899	159.503			0.4
Other food at home		196.735	196.058			-0.3
Food away from home.....	268.290	268.849	269.502	2.2	0.5	0.2
Alcoholic beverages	249.271	249.453	250.865	1.8	0.6	0.6
Housing	222.701	222.996	223.996	2.1	0.6	0.4
Shelter	264.847	265.446	266.364	2.6	0.6	0.3
Rent of primary residence(1).....	265.492	266.506	267.255	3.3	0.7	0.3
Owners' equivalent rent of residences(1)(2).....	269.506	270.592	271.067	2.9	0.6	0.2
Owners' equivalent rent of primary residence(1)(2).....	269.462	270.552	271.027	2.9	0.6	0.2
Fuels and utilities.....	220.900	220.094	220.692	0.9	-0.1	0.3
Household energy	180.422	179.467	180.174	0.4	-0.1	0.4
Energy services(1)	187.097	185.913	186.508	-0.1	-0.3	0.3
Electricity(1).....	202.150	198.794	201.185	1.3	-0.5	1.2
Utility (piped) gas service(1).....	150.883	153.307	150.985	-2.8	0.1	-1.5
Household furnishings and operations.....	112.010	112.074	113.564	-0.3	1.4	1.3
Apparel	118.508	114.054	116.481	2.4	-1.7	2.1
Transportation	198.648	196.875	200.064	2.4	0.7	1.6
Private transportation	193.768	192.101	195.032	2.6	0.7	1.5
New and used motor vehicles(3).....	94.619	95.696	95.980	-1.0	1.4	0.3
New vehicles	135.939	137.575	137.200	-2.1	0.9	-0.3
New cars and trucks(3)(4).....	95.971	97.136	96.915	-2.1	1.0	-0.2
New cars(4).....	132.373	133.620	133.447	-2.4	0.8	-0.1
Used cars and trucks.....	134.252	135.560	136.232	-1.3	1.5	0.5
Motor fuel	235.477	220.298	231.077	9.0	-1.9	4.9
Gasoline (all types).....	234.172	218.851	229.620	8.9	-1.9	4.9
Gasoline, unleaded regular(4).....	228.189	212.844	223.556	9.1	-2.0	5.0
Gasoline, unleaded midgrade(4)(5).....	267.318	251.906	264.494	7.5	-1.1	5.0
Gasoline, unleaded premium(4).....	256.103	242.985	252.114	7.6	-1.6	3.8
Motor vehicle insurance(6).....		718.922	725.538			0.9
Medical care	479.998	480.251	481.011	0.4	0.2	0.2
Medical care commodities.....	388.850	391.232	388.506	0.4	-0.1	-0.7
Medical care services.....	510.553	510.045	511.988	0.4	0.3	0.4
Professional services	416.591	416.243	417.348	0.8	0.2	0.3
Recreation(3).....	121.690	121.510	122.318	2.9	0.5	0.7
Education and communication(3).....	137.609	137.966	137.948	-1.8	0.2	0.0
Tuition, other school fees, and child care(6) ..		1,181.851	1,183.109			0.1

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, Midwest Region, (1982-84=100 unless otherwise noted) (not seasonally adjusted) - Continued

Expenditure category	Indexes			Percent change from		
	Nov. 2017	Dec. 2017	Jan. 2018	Jan. 2017	Nov. 2017	Dec. 2017
Other goods and services	418.869	417.834	418.840	1.5	0.0	0.2
Commodity and service group						
Commodities	177.879	176.384	178.028	1.1	0.1	0.9
Commodities less food and beverages	146.499	144.591	146.405	0.9	-0.1	1.3
Nondurables less food and beverages	195.192	189.811	193.864	3.1	-0.7	2.1
Durables	100.394	101.194	101.307	-2.1	0.9	0.1
Services	285.940	286.383	287.679	2.0	0.6	0.5
Special aggregate indexes						
All items less shelter	221.207	220.262	221.948	1.2	0.3	0.8
All items less medical care	219.301	218.728	220.242	1.8	0.4	0.7
Commodities less food	149.707	147.844	149.657	0.9	0.0	1.2
Nondurables	218.661	215.654	218.312	2.2	-0.2	1.2
Nondurables less food	198.037	192.968	196.869	3.0	-0.6	2.0
Services less rent of shelter(2)	317.537	317.828	319.576	1.4	0.6	0.5
Services less medical care services	269.190	269.701	270.949	2.2	0.7	0.5
Energy	204.945	197.850	203.251	4.6	-0.8	2.7
All items less energy	236.533	236.638	237.736	1.4	0.5	0.5
All items less food and energy	236.259	236.452	237.575	1.4	0.6	0.5

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) Indexes on a December 1982=100 base.

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

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

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

(6) Indexes on a December 1977=100 base.

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