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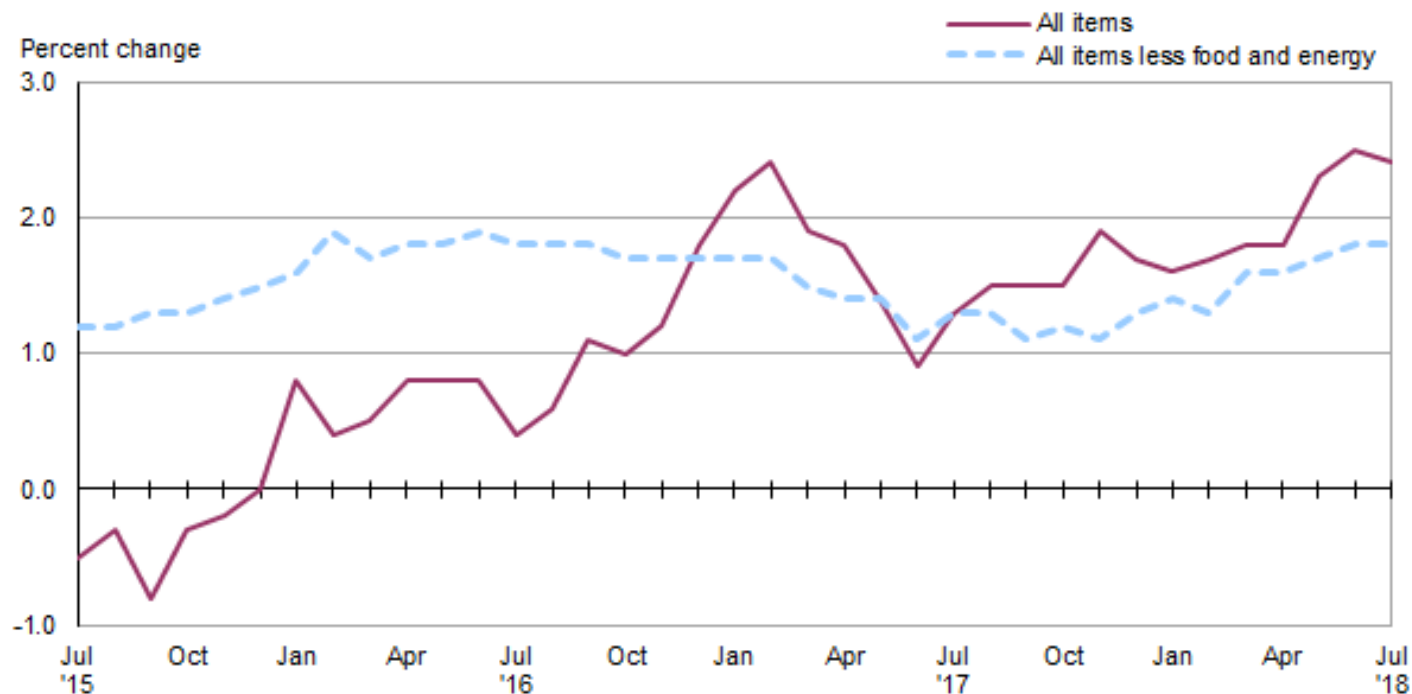
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## Consumer Price Index, Midwest Region – July 2018

**Prices in the Midwest unchanged in July and 2.4 percent higher over the year**

The Consumer Price Index for All Urban Consumers (CPI-U) in the Midwest was unchanged in July after rising 0.2 percent in June and 0.5 percent in May, the U.S. Bureau of Labor Statistics reported today. Higher prices for shelter (0.3 percent) and lower prices for apparel (-3.1 percent) were among those with the most impact on the index in July. Food prices were little changed, up 0.1 percent, and prices for energy were 0.7 percent lower over the month. The index for all items less food and energy was unchanged in July. (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, July 2015–July 2018**



Source: U.S. Bureau of Labor Statistics.

The CPI-U for the Midwest advanced 2.4 percent from July 2017 to July 2018. (See [chart 1](#) and [table A](#).) The energy index, which includes motor fuel and household fuels, rose 10.2 percent and food prices increased 1.5 percent. Excluding food and energy, the CPI-U was up 1.8 percent over the year. (See [table 1](#).)

## Food

Food prices in the Midwest registered little change (0.1 percent) in July after increasing 0.2 percent in the prior month. The index for food at home was unchanged over the month and the food away from home index was virtually unchanged (0.1 percent). The indexes were each up 0.2 percent in June.

From July 2017 to July 2018, the index for food was 1.5 percent higher. Prices for food away from home led the gain with an increase of 3.1 percent. Prices for food at home were up 0.4 percent and also contributed to the over-the-year increase.

## Energy

The energy index turned down 0.7 percent in July following gains of 1.5 percent in June and 5.0 percent in May. Prices for gasoline were 0.8 percent lower in July after registering little change in the prior month. Electricity prices declined 0.6 percent after rising 5.3 percent in June. Costs for utility (piped) gas service were 1.1 percent lower over the month following a decrease of 0.4 percent in the prior month.

Energy costs advanced 10.2 percent from July 2017 to July 2018 due largely to an increase of 25.4 percent in prices for gasoline. Costs for electricity and utility (piped) gas service were lower than in July 2017, decreasing 3.1 and 5.0 percent, respectively, over the year.

## All items less food and energy

The index for all items less food and energy for the Midwest was unchanged for the second month in a row. Among the expenditure categories registering higher costs were shelter (0.3 percent) and used cars and trucks (1.2 percent). Apparel prices (-3.1 percent) were among those that declined in July.

The index for all items less food and energy was up 1.8 percent from July 2017 to July 2018. Higher costs for shelter (3.2 percent) led the over-the-year increase.

The Midwest Consumer Price Index for All Urban Consumers (CPI-U) stood at 235.346 in July 2018. A typical market basket of goods and services that cost \$100.00 in the 1982-84 base period cost \$235.35 in July 2018.

## CPI-W

In July, the Midwest Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) was 229.717. The CPI-W was little changed (-0.1 percent) in July and rose 2.7 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	0.2	1.7
March.....	0.9	1.5	0.6	-0.9	0.6	0.5	0.1	1.9	0.2	1.8
April.....	0.3	1.9	0.1	-1.1	0.4	0.8	0.4	1.8	0.4	1.8
May.....	0.2	1.6	0.4	-0.8	0.4	0.8	0.0	1.4	0.5	2.3
June.....	0.5	1.7	0.5	-0.7	0.6	0.8	0.0	0.9	0.2	2.5
July.....	-0.3	1.8	0.0	-0.5	-0.5	0.4	0.0	1.3	0.0	2.4
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 August 2018 Consumer Price Index for the Midwest region is scheduled to be released on Thursday, September 13, 2018.**

### 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 93 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers approximately 29 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](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 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		
	May 2018	Jun. 2018	Jul. 2018	Jul. 2017	May 2018	Jun. 2018
All items.....	235.065	235.455	235.346	2.4	0.1	0.0
All items (December 1977 = 100).....	382.464	383.099	382.922			
Food and beverages .....	243.923	244.359	244.433	1.5	0.2	0.0
Food .....	243.329	243.803	243.935	1.5	0.2	0.1
Food at home .....	226.522	226.963	226.957	0.4	0.2	0.0
Cereals and bakery products .....	259.378	261.008	261.962		1.0	0.4
Meats, poultry, fish, and eggs.....	249.071	248.070	248.927		-0.1	0.3
Dairy and related products .....	196.934	197.120	197.357		0.2	0.1
Fruits and vegetables .....	267.736	269.644	267.851		0.0	-0.7
Nonalcoholic beverages and beverage materials.....	158.898	160.312	159.918		0.6	-0.2
Other food at home .....	197.400	197.169	197.201		-0.1	0.0
Food away from home.....	271.536	272.066	272.407	3.1	0.3	0.1
Alcoholic beverages .....	249.979	249.895	249.176	1.2	-0.3	-0.3
Housing .....	226.692	227.628	227.948	2.3	0.6	0.1
Shelter .....	270.278	270.494	271.218	3.2	0.3	0.3
Rent of primary residence .....	268.935	269.415	270.201	3.0	0.5	0.3
Owners' equivalent rent of residences(1)....	273.673	274.417	275.383	3.3	0.6	0.4
Owners' equivalent rent of primary residence(1) .....	273.641	274.385	275.350	3.3	0.6	0.4
Fuels and utilities.....	221.485	227.310	226.111	-1.8	2.1	-0.5
Household energy .....	180.231	186.240	184.866	-3.0	2.6	-0.7
Energy services.....	186.733	193.401	191.937	-3.7	2.8	-0.8
Electricity .....	203.730	214.621	213.319	-3.1	4.7	-0.6
Utility (piped) gas service .....	147.478	146.947	145.318	-5.0	-1.5	-1.1
Household furnishings and operations .....	113.970	114.238	114.276	1.1	0.3	0.0
Apparel.....	118.603	117.018	113.443	-1.9	-4.4	-3.1
Transportation .....	207.561	207.870	207.654	7.1	0.0	-0.1
Private transportation .....	202.118	202.717	202.945	7.6	0.4	0.1
New and used motor vehicles(2).....	96.618	97.286	97.944	1.2	1.4	0.7
New vehicles .....	137.585	137.305	137.441	-0.3	-0.1	0.1
New cars and trucks(2)(3).....	97.260	97.061	97.143	-0.2	-0.1	0.1
New cars(3).....	133.768	134.005	134.235	0.2	0.3	0.2
Used cars and trucks.....	137.762	138.199	139.892	0.4	1.5	1.2
Motor fuel .....	258.522	258.423	256.472	25.5	-0.8	-0.8
Gasoline (all types).....	257.146	256.959	255.024	25.4	-0.8	-0.8
Gasoline, unleaded regular(3).....	250.788	250.571	248.572	25.9	-0.9	-0.8
Gasoline, unleaded midgrade(3)(4).....	294.457	294.708	294.158	24.0	-0.1	-0.2
Gasoline, unleaded premium(3).....	278.089	278.008	276.909	21.3	-0.4	-0.4
Motor vehicle insurance(5).....	730.503	730.536	731.542		0.1	0.1
Medical care .....	484.692	484.324	483.967	0.3	-0.1	-0.1
Medical care commodities.....	396.218	395.680	392.814	-2.1	-0.9	-0.7
Medical care services.....	514.298	513.988	514.483	0.9	0.0	0.1
Professional services .....	418.256	418.359	417.317	0.4	-0.2	-0.2
Recreation(2).....	122.273	122.230	121.967	-0.7	-0.3	-0.2
Education and communication(2).....	137.534	137.613	137.980	1.3	0.3	0.3
Tuition, other school fees, and child care(5) ..	1,180.054	1,183.149	1,185.074		0.4	0.2
Other goods and services .....	425.220	425.311	426.409	2.6	0.3	0.3

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		
	May 2018	Jun. 2018	Jul. 2018	Jul. 2017	May 2018	Jun. 2018
<b>Commodity and service group</b>						
Commodities .....	181.003	180.783	180.277	2.5	-0.4	-0.3
Commodities less food and beverages .....	150.137	149.681	148.979	3.2	-0.8	-0.5
Nondurables less food and beverages .....	201.952	200.882	199.075	6.2	-1.4	-0.9
Durables .....	101.711	101.719	101.841	-0.8	0.1	0.1
Services .....	290.763	291.796	292.108	2.3	0.5	0.1
<b>Special aggregate indexes</b>						
All items less shelter .....	224.705	225.159	224.760	2.1	0.0	-0.2
All items less medical care .....	223.250	223.676	223.579	2.6	0.1	0.0
Commodities less food .....	153.289	152.841	152.135	3.1	-0.8	-0.5
Nondurables .....	222.965	222.591	221.651	3.7	-0.6	-0.4
Nondurables less food .....	204.448	203.434	201.690	5.9	-1.3	-0.9
Services less rent of shelter <sup>(1)</sup> .....	321.784	323.744	323.640	1.5	0.6	0.0
Services less medical care services .....	274.092	275.225	275.523	2.5	0.5	0.1
Energy .....	216.074	219.215	217.576	10.2	0.7	-0.7
All items less energy .....	239.813	239.928	239.973	1.7	0.1	0.0
All items less food and energy .....	239.896	239.948	239.978	1.8	0.0	0.0

**Footnotes**

- (1) Indexes on a December 1982=100 base.
- (2) Indexes on a December 1997=100 base.
- (3) Special index based on a substantially smaller sample.
- (4) Indexes on a December 1993=100 base.
- (5) Indexes on a December 1977=100 base.