



For Release: Wednesday, February 14, 2018

18-191-CHI

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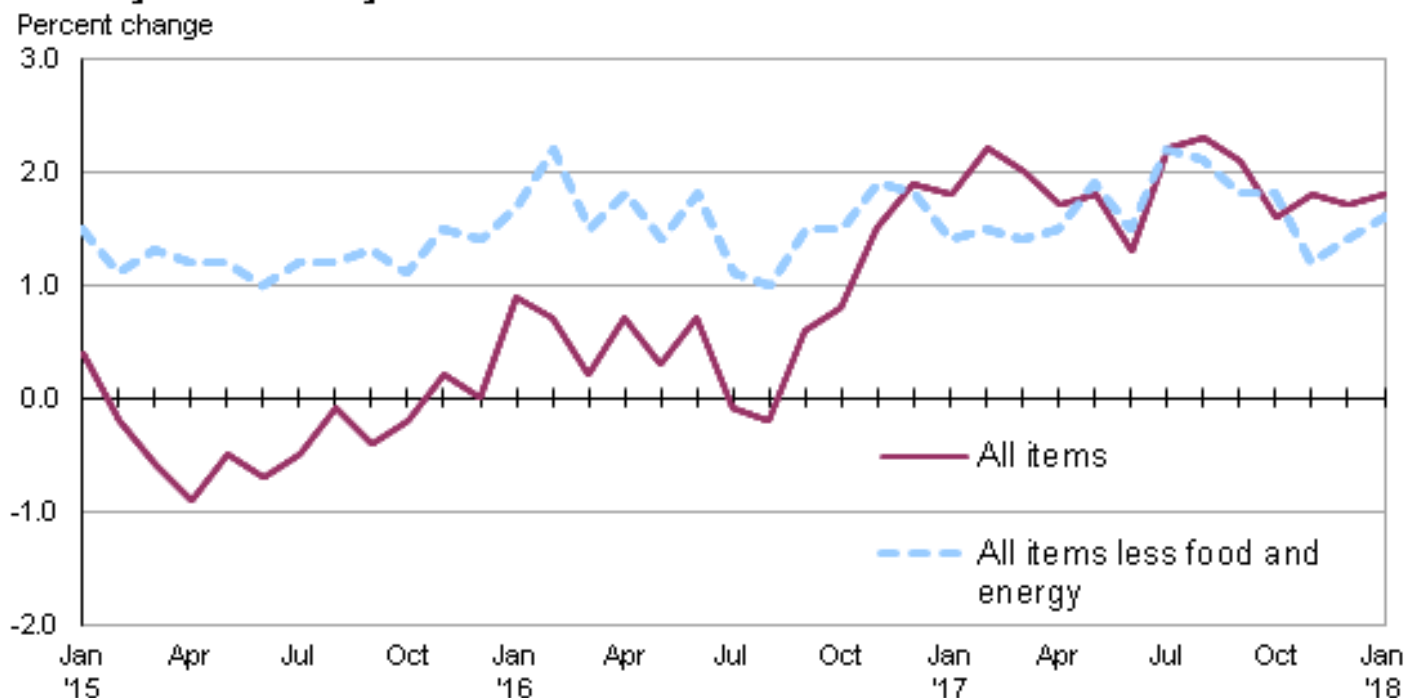
Consumer Price Index, Chicago-Naperville-Elgin — January 2018

Local prices rose 1.8 percent over the year

The Consumer Price Index for All Urban Consumers (CPI-U) in the Chicago-Naperville-Elgin area increased 0.8 percent in January, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Charlene Peiffer noted that in January the energy index rose 1.8 percent, while the food index increased 0.3 percent. The all items less food and energy index advanced 0.8 percent over the month. Among the indexes within the all items less food and energy category, prices were higher for shelter, recreation, and apparel. (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 1.8 percent. (See [chart 1](#) and [table A.](#)) Energy costs rose 4.8 percent over the year, primarily due to an increase in gasoline prices. For the same period, the food index increased 1.3 percent. The all items less food and energy index was 1.6 percent higher over the year. (See [table 1.](#))

Chart 1. Over-the-year percent change in CPI-U, Chicago-Naperville-Elgin, IL-IN-WI, January 2015–January 2018



Source: U.S. Bureau of Labor Statistics.

Food

Food prices were 0.3 percent higher in January. The food at home index (groceries) fell 0.4 percent, while the food away from home (restaurant, cafeteria, and vending purchases) index increased 1.1 percent. Within the food at home group, prices were higher in January for bread and carbonated drinks. In contrast, the index for other fresh vegetables; frozen and freeze dried prepared foods; chicken; and other pork including roasts and picnics were lower.

From January 2017 to January 2018, the food index increased 1.3 percent. Grocery prices rose 0.4 percent, and food away from home prices rose 2.4 percent over the year.

Energy

The energy index increased 1.8 percent in January. For the same period, the indexes for gasoline and electricity rose 3.9 percent and 2.9 percent, respectively. In contrast, the index for utility (piped) gas service fell 5.4 percent.

Over the year, the Chicago area energy index rose 4.8 percent. From January 2017 to January 2018, the indexes rose for gasoline (8.8 percent) and electricity (6.8 percent), while the index for utility (piped) gas service fell (7.7 percent).

All items less food and energy

The index for all items less food and energy increased 0.8 percent in January. Among the index's components, prices were higher for shelter (1.0 percent), recreation (2.3 percent), and apparel (4.3 percent).

Over the year, the index for all items less food and energy increased 1.6 percent. Increases in the indexes for shelter (2.4 percent) and recreation (6.1 percent), were major contributing factors.

Table A. Chicago-Naperville-Elgin, IL-IN-WI, 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.....	0.9	1.2	-0.2	0.4	0.8	0.9	0.7	1.8	0.8	1.8
February	0.5	0.7	0.0	-0.2	-0.2	0.7	0.1	2.2		
March	1.1	1.9	0.7	-0.6	0.1	0.2	-0.1	2.0		
April	0.5	2.4	0.1	-0.9	0.6	0.7	0.4	1.7		
May.....	-0.1	1.8	0.3	-0.5	0.0	0.3	0.2	1.8		
June.....	0.4	2.0	0.2	-0.7	0.5	0.7	0.0	1.3		
July	-0.4	1.9	-0.1	-0.5	-0.8	-0.1	0.0	2.2		
August	0.1	1.9	0.4	-0.1	0.2	-0.2	0.3	2.3		
September.....	0.0	2.1	-0.3	-0.4	0.6	0.6	0.4	2.1		
October.....	-0.4	2.0	-0.1	-0.2	0.1	0.8	-0.4	1.6		
November.....	-0.8	1.6	-0.4	0.2	0.2	1.5	0.4	1.8		
December.....	-0.4	1.5	-0.6	0.0	-0.2	1.9	-0.4	1.7		

The February 2018 Consumer Price Index for Chicago 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). As part of the new sample, the index for this area was renamed. The indexes using the new structure are published for the first time this month. Additional information on the geographic revision is available at: 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 **Chicago-Naperville-Elgin, Ill.-Ind.-Wis.** core based statistical area covered in this release is comprised of Cook, DeKalb, DuPage, Grundy, Kane, Kendall, Lake, McHenry, and Will Counties in Illinois; Jasper, Lake, Newton 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-Naperville-Elgin, IL-IN-WI (1982-84=100 unless otherwise noted)

Item and Group	Indexes			Percent change from-		
	Nov. 2017	Dec. 2017	Jan. 2018	Jan. 2017	Nov. 2017	Dec. 2017
Expenditure category						
All items	235.206	234.293	236.267	1.8	0.5	0.8
All items (1967=100)	702.697	699.970	705.868	-	-	-
Food and beverages	244.947	245.145	246.208	1.5	0.5	0.4
Food	244.117	244.423	245.191	1.3	0.4	0.3
Food at home	233.909	234.408	233.514	0.4	-0.2	-0.4
Cereals and bakery products	-	254.147	256.960	-	-	1.1
Meats, poultry, fish and eggs	-	253.346	252.166	-	-	-0.5
Dairy and related products	-	208.139	208.450	-	-	0.1
Fruits and vegetables	-	319.568	312.910	-	-	-2.1
Nonalcoholic beverages and beverage materials(1)	-	181.387	184.276	-	-	1.6
Other food at home	-	188.711	187.592	-	-	-0.6
Food away from home	253.910	253.904	256.782	2.4	1.1	1.1
Alcoholic beverages	255.455	254.065	259.796	5.3	1.7	2.3
Housing	243.512	242.827	244.800	2.0	0.5	0.8
Shelter	306.663	305.197	308.309	2.4	0.5	1.0
Rent of primary residence(2)	326.010	327.048	327.885	3.2	0.6	0.3
Owners' equiv. rent of residences(2)(3)	310.528	311.093	312.532	2.5	0.6	0.5
Owners' equiv. rent of primary residence(2)(3)	310.528	311.093	312.532	2.5	0.6	0.5
Fuels and utilities	204.531	206.655	204.366	0.8	-0.1	-1.1
Household energy	160.474	162.701	161.912	0.7	0.9	-0.5
Energy services(2)	163.649	165.965	165.112	0.7	0.9	-0.5
Electricity(2)	159.863	159.839	164.452	6.8	2.9	2.9
Utility (piped) gas service(2)	155.527	161.410	152.756	-7.7	-1.8	-5.4
Household furnishings and operations	89.838	89.689	90.704	-1.2	1.0	1.1
Apparel	87.689	84.958	88.596	4.1	1.0	4.3
Transportation	185.122	182.472	185.014	1.3	-0.1	1.4
Private transportation	182.729	180.493	182.091	1.5	-0.3	0.9
New and used motor vehicles(4)	-	96.477	95.848	-	-	-0.7
New vehicles(1)	-	175.299	174.238	-	-	-0.6
Used cars and trucks(1)	-	261.367	262.637	-	-	0.5
Motor fuel	249.635	234.333	243.513	8.9	-2.5	3.9
Gasoline (all types)	247.150	231.900	240.999	8.8	-2.5	3.9
Gasoline, unleaded regular(5)	237.597	222.442	231.408	9.1	-2.6	4.0
Gasoline, unleaded midgrade(5)(6)	275.752	259.656	269.275	7.5	-2.3	3.7
Gasoline, unleaded premium(5)	271.870	259.310	267.589	7.5	-1.6	3.2
Motor vehicle insurance(1)	-	533.572	536.418	-	-	0.5
Medical care	501.858	499.057	497.882	1.1	-0.8	-0.2
Recreation(4)	110.621	111.776	114.335	6.1	3.4	2.3
Education and communication(4)	143.305	143.855	143.121	-1.6	-0.1	-0.5
Tuition, other school fees, and childcare(1) ..	-	1,182.947	1,183.808	-	-	0.1
Other goods and services	393.375	391.364	392.788	2.0	-0.1	0.4
Commodity and service group						
All items	235.206	234.293	236.267	1.8	0.5	0.8
Commodities	167.328	166.150	167.420	1.3	0.1	0.8
Commodities less food and beverages	127.973	126.300	127.538	1.1	-0.3	1.0
Nondurables less food and beverages	174.794	169.401	172.703	3.2	-1.2	1.9
Durables	85.536	86.648	86.368	-1.8	1.0	-0.3
Services	299.645	299.007	301.654	2.0	0.7	0.9

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 Chicago-Naperville-Elgin, IL-IN-WI (1982-84=100 unless otherwise noted) - Continued

Item and Group	Indexes			Percent change from-		
	Nov. 2017	Dec. 2017	Jan. 2018	Jan. 2017	Nov. 2017	Dec. 2017
Special aggregate indexes						
All items less medical care	223.758	222.927	225.042	1.8	0.6	0.9
All items less shelter.....	211.096	210.373	211.957	1.4	0.4	0.8
Commodities less food	132.492	130.808	132.155	1.3	-0.3	1.0
Nondurables	210.544	207.807	210.182	2.3	-0.2	1.1
Nondurables less food.....	180.163	174.966	178.411	3.4	-1.0	2.0
Services less rent of shelter(3).....	307.695	307.953	310.209	1.6	0.8	0.7
Services less medical care services.....	284.935	284.338	286.993	2.3	0.7	0.9
Energy	194.718	190.155	193.657	4.8	-0.5	1.8
All items less energy	240.991	240.408	242.254	1.6	0.5	0.8
All items less food and energy	241.274	240.527	242.553	1.6	0.5	0.8

Footnotes

(1) Index on a December 1977=100 base.

(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(3) Index on a December 1982=100 base.

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

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

(6) Index on a December 1993=100 base.

- Data not available.

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