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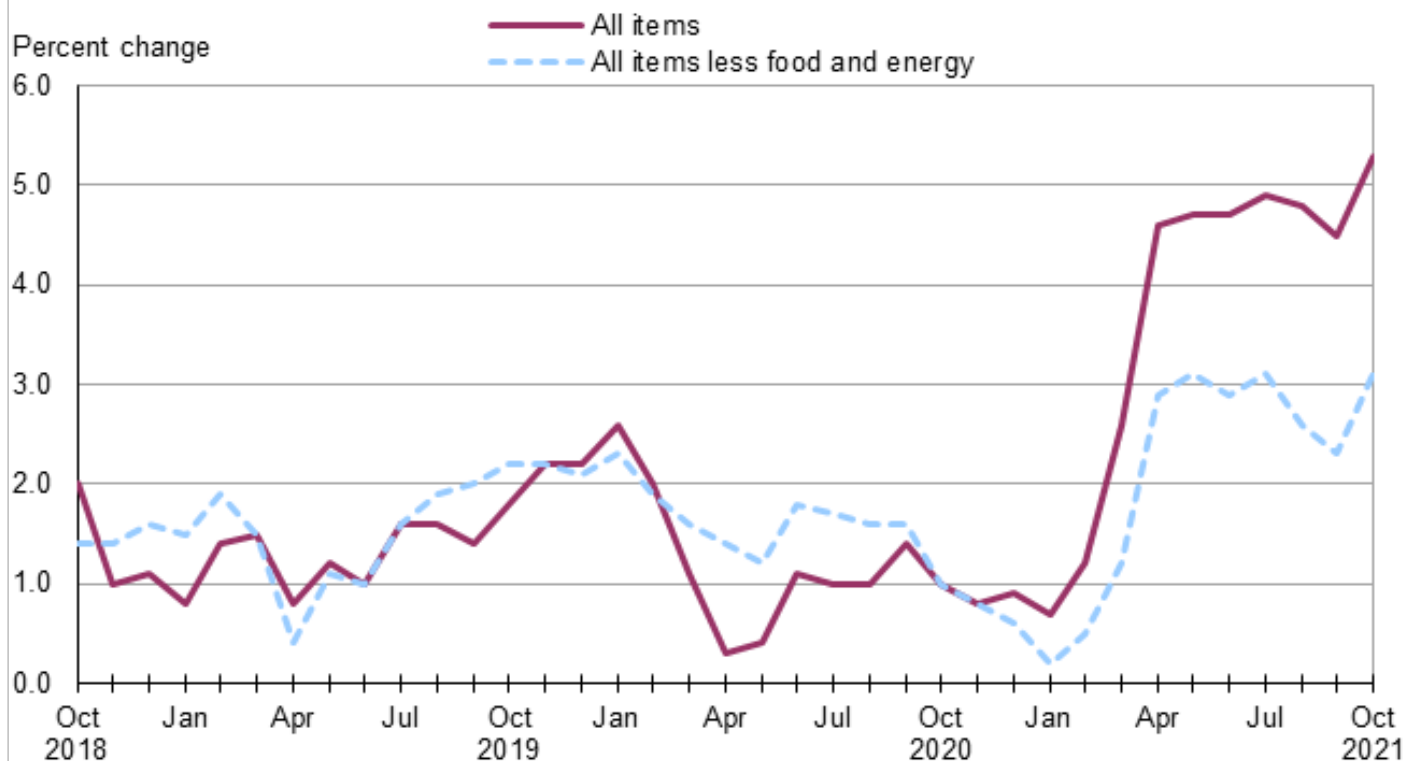
## **Consumer Price Index, Chicago-Naperville-Elgin — October 2021**

### **Area prices were up 0.7 percent over the past month, up 5.3 percent from a year ago**

Prices in the Chicago-Naperville-Elgin area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), increased 0.7 percent in October, the U.S. Bureau of Labor Statistics reported today. (See [table A](#).) Regional Commissioner Jason Palmer noted that food prices increased 0.3 percent over the month, and energy costs rose 2.8 percent. The index for all items less food and energy was up 0.6 percent in October. Increases in the indexes for recreation and new and used motor vehicles contributed to the increase in the all items less food and energy category. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U increased 5.3 percent. (See [chart 1](#) and [table A](#).) The index for all items less food and energy rose 3.1 percent over the year. Energy prices advanced 36.1 percent, largely the result of an increase in the price of gasoline. Food prices rose 5.5 percent. (See [table 1](#).)

**Chart 1. Over-the-year percent change in CPI-U, Chicago-Naperville-Elgin, IL-IN-WI, October 2018–October 2021**



Source: U.S. Bureau of Labor Statistics.

## Food

Food prices increased 0.3 percent for the month of October. Prices for food at home (groceries) were down 0.1 percent, and prices for food away from home (restaurant, cafeteria, and vending purchases) increased 0.7 percent for the same period. Within the food at home group, indexes were lower for fresh fish and seafood; coffee; other beverage materials including tea; and bacon, breakfast sausage, and related products. In contrast, the indexes for bread, apples, and bananas were higher.

Over the year, food prices rose 5.5 percent. Prices for food at home increased 3.9 percent since a year ago, and prices for food away from home increased 7.4 percent.

## Energy

The energy index rose 2.8 percent over the month. The increase was mainly due to higher prices for gasoline (3.1 percent). Prices for utility (piped) gas service rose 5.7 percent, while prices for electricity decreased 0.6 percent for the same period.

Energy prices rose 36.1 percent over the year, largely due to higher prices for gasoline (55.5 percent). Prices paid for utility (piped) gas service increased 50.3 percent, and prices for electricity rose 1.1 percent during the past year.

## All items less food and energy

The index for all items less food and energy increased 0.6 percent in October. Higher prices for recreation (4.7 percent) and new and used motor vehicles (1.9 percent) were partially offset by lower prices for shelter (-0.2 percent) and apparel (-0.9 percent).

Over the year, the index for all items less food and energy increased 3.1 percent. Components contributing to the increase included shelter (3.3 percent) and new and used motor vehicles (10.5 percent). Partly offsetting the increases were price decreases in medical care (-1.5 percent) and recreation (-0.5 percent).

**Table A. Chicago-Naperville-Elgin, IL-IN-WI, CPI-U 1-month and 12-month percent changes, all items index, not seasonally adjusted**

Month	2017		2018		2019		2020		2021	
	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month	1-month	12-month
January.....	0.7	1.8	0.8	1.8	0.6	0.8	0.9	2.6	0.7	0.7
February.....	0.1	2.2	0.0	1.6	0.6	1.4	0.0	2.0	0.6	1.2
March.....	-0.1	2.0	0.0	1.8	0.1	1.5	-0.7	1.1	0.6	2.6
April.....	0.4	1.7	0.7	2.1	-0.1	0.8	-0.9	0.3	1.0	4.6
May.....	0.2	1.8	0.4	2.3	0.8	1.2	1.0	0.4	1.0	4.7
June.....	0.0	1.3	-0.2	2.2	-0.4	1.0	0.3	1.1	0.4	4.7
July.....	0.0	2.2	-0.3	1.9	0.3	1.6	0.2	1.0	0.4	4.9
August.....	0.3	2.3	0.1	1.7	0.2	1.6	0.1	1.0	0.1	4.8
September.....	0.4	2.1	0.4	1.6	0.2	1.4	0.6	1.4	0.3	4.5
October.....	-0.4	1.6	0.0	2.0	0.3	1.8	-0.1	1.0	0.7	5.3
November.....	0.4	1.8	-0.6	1.0	-0.2	2.2	-0.4	0.8		
December.....	-0.4	1.7	-0.3	1.1	-0.2	2.2	-0.2	0.9		

**The November 2021 Consumer Price Index for the Chicago-Naperville-Elgin area is scheduled to be released on Friday, December 10, 2021.**

### **Coronavirus (COVID-19) Pandemic Impact on October 2021 Consumer Price Index Data**

Data collection by personal visit for the Consumer Price Index (CPI) program has been suspended almost entirely since March 16, 2020. When possible, data normally collected by personal visit were collected either online or by phone. Additionally, data collection in October was affected by the temporary closing or limited operations of certain types of establishments. These factors resulted in an increase in the number of prices considered temporarily unavailable and imputed.

While the CPI program attempted to collect as much data as possible, many indexes are based on smaller amounts of collected prices than usual, and a small number of indexes that are normally published were not published this month. Additional information is available at [www.bls.gov/covid19/effects-of-covid-19-pandemic-on-consumer-price-index.htm](http://www.bls.gov/covid19/effects-of-covid-19-pandemic-on-consumer-price-index.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 93 percent of the total U.S. population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers approximately 29 percent of the total U.S. 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 6,000 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; for most of the CPI-U the reference base is 1982-84 equals 100. An increase of 7 percent from the reference base, for example, is shown as 107.000. Alternatively, that relationship can also be expressed as the price of a base period market basket of goods and services rising from \$100 to \$107. For further details see the CPI home page on the Internet at [www.bls.gov/cpi](http://www.bls.gov/cpi) and the CPI section of the BLS Handbook of Methods available on the internet at [www.bls.gov/opub/hom/cpi/](http://www.bls.gov/opub/hom/cpi/).

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, IL-IN-WI, 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 individuals with sensory impairments 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-		
	Aug. 2021	Sep. 2021	Oct. 2021	Oct. 2020	Aug. 2021	Sep. 2021
<b>Expenditure category</b>						
All items .....	256.078	256.881	258.621	5.3	1.0	0.7
All items (1967=100) .....	765.053	767.454	772.652	-	-	-
Food and beverages .....	276.951	280.544	281.203	5.2	1.5	0.2
Food .....	277.419	281.139	281.868	5.5	1.6	0.3
Food at home .....	254.308	259.773	259.514	3.9	2.0	-0.1
Cereals and bakery products .....	278.433	284.875	285.258	2.6	2.5	0.1
Meats, poultry, fish and eggs .....	286.647	289.035	286.246	5.4	-0.1	-1.0
Dairy and related products .....	228.340	226.562	229.348	0.9	0.4	1.2
Fruits and vegetables .....	316.065	327.230	328.057	2.7	3.8	0.3
Nonalcoholic beverages and beverage materials(1) .....	212.448	222.590	219.194	3.1	3.2	-1.5
Other food at home .....	203.039	207.527	208.615	5.7	2.7	0.5
Food away from home .....	303.692	304.862	306.969	7.4	1.1	0.7
Alcoholic beverages .....	269.388	271.316	271.061	1.0	0.6	-0.1
Housing .....	271.127	272.852	273.214	5.3	0.8	0.1
Shelter .....	340.516	342.328	341.667	3.3	0.3	-0.2
Rent of primary residence(2) .....	359.380	362.153	361.733	2.6	0.7	-0.1
Owners' equiv. rent of residences(2)(3) .....	348.476	350.722	350.430	2.6	0.6	-0.1
Owners' equiv. rent of primary residence(2)(3) .....	348.476	350.722	350.430	2.6	0.6	-0.1
Fuels and utilities .....	239.073	237.382	241.751	15.9	1.1	1.8
Household energy .....	189.986	187.962	192.421	20.1	1.3	2.4
Energy services(2) .....	193.908	191.802	196.360	20.1	1.3	2.4
Electricity(2) .....	169.620	165.248	164.331	1.1	-3.1	-0.6
Utility (piped) gas service(2) .....	214.220	215.666	228.012	50.3	6.4	5.7
Household furnishings and operations .....	96.400	99.131	99.989	11.2	3.7	0.9
Apparel .....	84.164	85.786	85.005	1.4	1.0	-0.9
Transportation .....	205.010	204.876	210.302	17.5	2.6	2.6
Private transportation .....	208.377	207.862	212.075	19.0	1.8	2.0
New and used motor vehicles(4) .....	108.894	108.192	110.259	10.5	1.3	1.9
New vehicles(1) .....	183.566	184.682	188.008	8.7	2.4	1.8
Used cars and trucks(1) .....	381.320	366.769	375.810	26.0	-1.4	2.5
Motor fuel .....	299.142	299.410	308.848	55.4	3.2	3.2
Gasoline (all types) .....	296.467	296.726	305.958	55.5	3.2	3.1
Gasoline, unleaded regular(5) .....	286.414	286.690	295.853	56.8	3.3	3.2
Gasoline, unleaded midgrade(5)(6) .....	323.652	323.909	331.948	49.8	2.6	2.5
Gasoline, unleaded premium(5) .....	315.105	315.064	322.162	42.6	2.2	2.3
Motor vehicle insurance(1) .....	523.915	521.978	524.117	4.9	0.0	0.4
Medical care .....	527.899	526.810	528.682	-1.5	0.1	0.4
Recreation(4) .....	115.074	109.241	114.428	-0.5	-0.6	4.7
Education and communication(4) .....	141.425	141.882	141.669	-0.2	0.2	-0.2
Tuition, other school fees, and childcare(1) ..	1,230.836	1,232.924	1,232.924	1.1	0.2	0.0
Other goods and services .....	413.270	417.439	415.842	2.2	0.6	-0.4
<b>Commodity and service group</b>						
All items .....	256.078	256.881	258.621	5.3	1.0	0.7
Commodities .....	182.520	184.340	185.881	9.5	1.8	0.8
Commodities less food and beverages .....	136.162	137.218	138.976	12.9	2.1	1.3
Nondurables less food and beverages .....	179.901	182.771	184.691	14.2	2.7	1.1
Durables .....	94.996	94.826	96.300	11.3	1.4	1.6
Services .....	325.220	324.862	326.738	2.8	0.5	0.6

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-		
	Aug. 2021	Sep. 2021	Oct. 2021	Oct. 2020	Aug. 2021	Sep. 2021
<b>Special aggregate indexes</b>						
All items less medical care .....	244.515	245.411	247.153	6.1	1.1	0.7
All items less shelter .....	227.457	227.926	230.453	6.3	1.3	1.1
Commodities less food .....	140.868	141.957	143.680	12.2	2.0	1.2
Nondurables .....	228.352	231.602	232.945	8.8	2.0	0.6
Nondurables less food .....	185.715	188.535	190.329	13.0	2.5	1.0
Services less rent of shelter(3) .....	325.425	322.517	327.147	2.3	0.5	1.4
Services less medical care services .....	309.442	309.123	311.031	3.5	0.5	0.6
Energy .....	232.465	231.369	237.791	36.1	2.3	2.8
All items less energy .....	260.707	261.683	263.034	3.5	0.9	0.5
All items less food and energy .....	258.583	259.066	260.534	3.1	0.8	0.6

**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.