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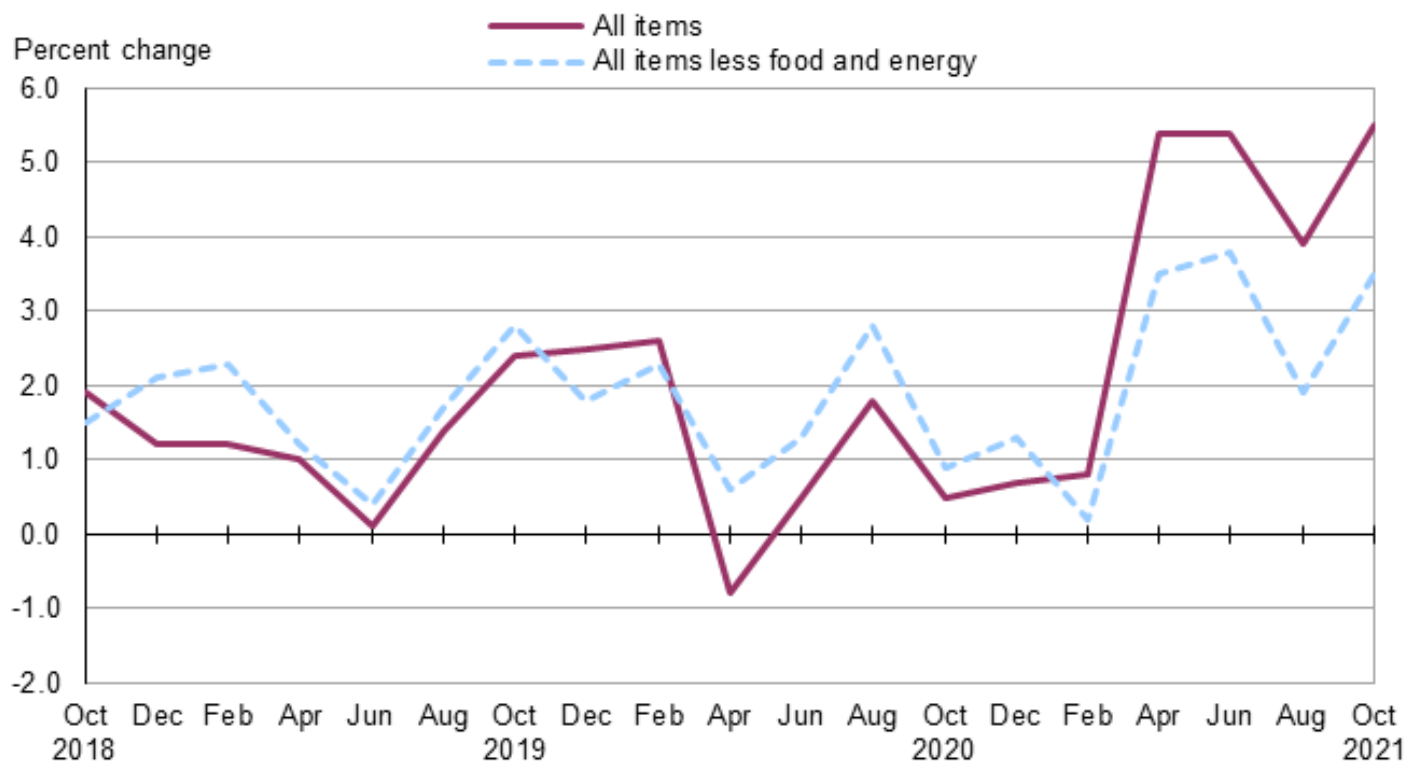
## **Consumer Price Index, Detroit-Warren-Dearborn — October 2021**

**Area prices were up 1.2 percent over the past two months, up 5.5 percent from a year ago**

Prices in the Detroit-Warren-Dearborn area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), increased 1.2 percent for the two months ending in October 2021, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Jason Palmer noted that food prices increased 1.5 percent, and the energy index rose 2.0 percent from August to October. The all items less food and energy index increased 1.1 percent over the past two months due to a rise in the categories for shelter, other goods and services, and apparel. (Data in this report are not seasonally adjusted. Accordingly, bi-monthly changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U increased 5.5 percent. (See [chart 1](#) and [table A](#).) The index for all items less food and energy increased 3.5 percent over the year. Energy prices rose 26.5 percent, largely the result of an increase in the price of gasoline. Food prices rose 7.4 percent. (See [table 1](#).)

**Chart 1. Over-the-year percent change in CPI-U, Detroit-Warren-Dearborn, MI, October 2018–October 2021**



Source: U.S. Bureau of Labor Statistics.

### Food

Food prices increased 1.5 percent for the two months ending in October. Prices for food at home (groceries) increased 1.3 percent, and prices for food away from home (restaurant, cafeteria, and vending purchases) increased 1.7 percent for the same period.

Over the year, food prices rose 7.4 percent. Prices for food at home increased 7.5 percent since a year ago, and prices for food away from home increased 7.4 percent.

### Energy

The energy index rose 2.0 percent for the two months ending in October. The increase was mainly due to higher prices for utility (piped) gas service (10.1 percent). Prices for electricity increased 1.0 percent, while prices for gasoline decreased 0.7 percent for the same period.

Energy prices increased 26.5 percent over the year, largely due to higher prices for gasoline (55.8 percent). Prices paid for utility (piped) gas service rose 14.3 percent, and prices for electricity rose 2.0 percent during the past year.

### All items less food and energy

The index for all items less food and energy increased 1.1 percent in the latest two-month period. Higher prices for shelter (0.8 percent), other goods and services (5.1 percent), and apparel (6.4 percent) were partially offset by lower prices for motor vehicle insurance (-2.2 percent).

Over the year, the index for all items less food and energy increased 3.5 percent. Components contributing to the increase included shelter (6.1 percent) and used cars and trucks (26.0 percent). Partly offsetting the increases were price decreases in apparel (-8.3 percent).

**Table A. Detroit-Warren-Dearborn, MI, CPI-U 2-month and 12-month percent changes, all items index, not seasonally adjusted**

Month	2017		2018		2019		2020		2021	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
February .....	0.9	3.0	0.3	2.1	0.4	1.2	0.5	2.6	0.6	0.8
April .....	0.7	2.3	0.9	2.3	0.6	1.0	-2.7	-0.8	1.7	5.4
June .....	0.0	1.1	1.3	3.6	0.4	0.1	1.7	0.5	1.7	5.4
August .....	0.1	1.3	-0.6	2.8	0.6	1.4	1.9	1.8	0.5	3.9
October .....	0.9	2.0	0.0	1.9	1.0	2.4	-0.3	0.5	1.2	5.5
December .....	0.1	2.7	-0.6	1.2	-0.6	2.5	-0.3	0.7		

**The December 2021 Consumer Price Index for the Detroit-Warren-Dearborn area is scheduled to be released on Wednesday, January 12, 2022.**

### **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 **Detroit-Warren-Dearborn, MI, Core Based Statistical Area** covered in this release is comprised of Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties in Michigan.

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 Detroit-Warren-Dearborn, MI (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 .....	250.003	-	253.051	5.5	1.2	-
All items (1967=100) .....	743.113	-	752.173	-	-	-
Food and beverages .....	243.483	-	246.938	6.8	1.4	-
Food .....	244.283	-	247.906	7.4	1.5	-
Food at home .....	232.955	228.581	235.949	7.5	1.3	3.2
Cereals and bakery products .....	289.142	-	290.750	9.0	0.6	-
Meats, poultry, fish and eggs .....	262.347	-	271.275	11.7	3.4	-
Dairy and related products .....	171.306	-	170.116	0.6	-0.7	-
Fruits and vegetables .....	245.231	-	238.266	5.3	-2.8	-
Nonalcoholic beverages and beverage materials(1) .....	217.515	-	229.006	9.7	5.3	-
Other food at home .....	208.482	-	211.276	5.9	1.3	-
Food away from home .....	263.153	-	267.713	7.4	1.7	-
Alcoholic beverages .....	228.698	-	230.123	-0.4	0.6	-
Housing .....	240.190	-	242.684	5.5	1.0	-
Shelter .....	275.578	277.070	277.827	6.1	0.8	0.3
Rent of primary residence(2) .....	289.910	290.949	291.189	6.3	0.4	0.1
Owners' equiv. rent of residences(2)(3) .....	275.587	276.346	278.187	6.3	0.9	0.7
Owners' equiv. rent of primary residence(2)(3) .....	275.587	276.346	278.187	6.3	0.9	0.7
Fuels and utilities .....	282.042	-	292.634	5.8	3.8	-
Household energy .....	220.596	222.702	230.824	6.9	4.6	3.6
Energy services(2) .....	222.597	224.670	232.842	6.7	4.6	3.6
Electricity(2) .....	264.587	264.505	267.168	2.0	1.0	1.0
Utility (piped) gas service(2) .....	165.122	169.085	181.861	14.3	10.1	7.6
Household furnishings and operations .....	126.153	-	126.011	2.1	-0.1	-
Apparel .....	93.615	-	99.565	-8.3	6.4	-
Transportation .....	269.913	-	270.262	10.1	0.1	-
Private transportation .....	277.337	-	277.042	11.1	-0.1	-
New and used motor vehicles(4) .....	-	-	-	-	-	-
New vehicles(1) .....	-	-	-	-	-	-
Used cars and trucks(1) .....	411.267	-	405.324	26.0	-1.4	-
Motor fuel .....	292.960	288.182	291.063	55.7	-0.6	1.0
Gasoline (all types) .....	291.572	286.788	289.587	55.8	-0.7	1.0
Gasoline, unleaded regular(5) .....	294.140	289.126	292.075	57.4	-0.7	1.0
Gasoline, unleaded midgrade(5)(6) .....	344.645	339.857	342.677	51.2	-0.6	0.8
Gasoline, unleaded premium(5) .....	292.340	289.565	291.005	39.5	-0.5	0.5
Motor vehicle insurance(1) .....	1,959.608	-	1,915.683	-1.1	-2.2	-
Medical care .....	466.937	-	-	-	-	-
Recreation(4) .....	113.512	-	116.295	3.4	2.5	-
Education and communication(4) .....	150.004	-	152.881	2.9	1.9	-
Tuition, other school fees, and childcare(1) ..	1,342.395	-	1,384.390	4.0	3.1	-
Other goods and services .....	459.235	-	482.557	7.8	5.1	-
<b>Commodity and service group</b>						
All items .....	250.003	-	253.051	5.5	1.2	-
Commodities .....	190.855	-	193.033	9.0	1.1	-
Commodities less food and beverages .....	163.274	-	164.872	10.3	1.0	-
Nondurables less food and beverages .....	187.114	-	191.244	10.9	2.2	-
Durables .....	130.055	-	129.963	-	-0.1	-
Services .....	309.876	-	313.811	3.3	1.3	-

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 Detroit-Warren-Dearborn, MI (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 .....	241.204	-	244.374	6.1	1.3	-
All items less shelter .....	243.238	-	246.613	5.2	1.4	-
Commodities less food .....	165.790	-	167.388	9.8	1.0	-
Nondurables .....	214.991	-	218.788	8.6	1.8	-
Nondurables less food .....	189.749	-	193.678	9.9	2.1	-
Services less rent of shelter <sup>(3)</sup> .....	360.918	-	366.978	0.8	1.7	-
Services less medical care services .....	298.881	-	303.242	3.8	1.5	-
Energy .....	257.214	256.293	262.238	26.5	2.0	2.3
All items less energy .....	252.936	-	255.869	4.1	1.2	-
All items less food and energy .....	255.165	-	257.984	3.5	1.1	-

**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.