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MIDWEST INFORMATION OFFICE: Chicago, Ill.

Technical information: (312) 353-1880 BLSInfoChicago@bls.gov [www.bls.gov/regions/midwest](http://www.bls.gov/regions/midwest)

Media contact: (312) 353-1138

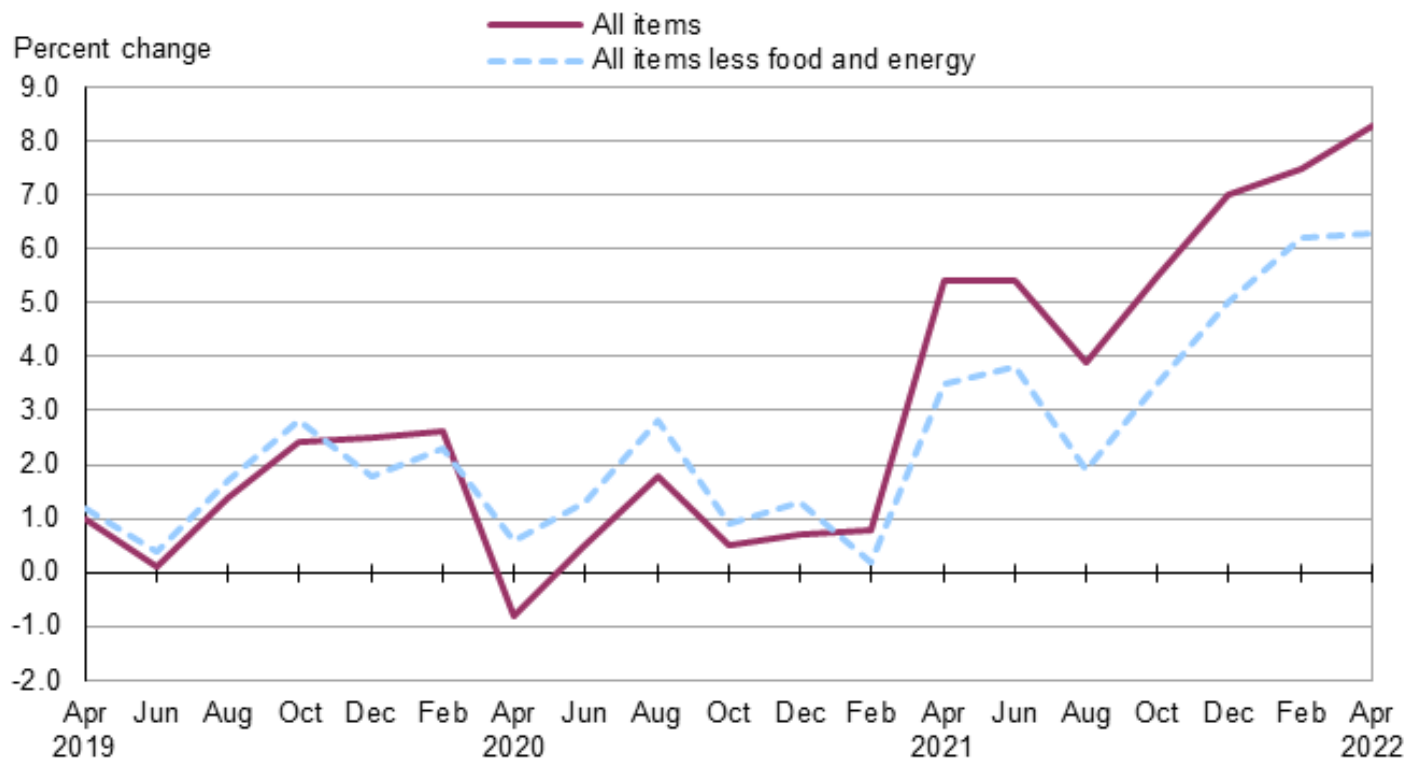
## **Consumer Price Index, Detroit-Warren-Dearborn area – April 2022**

**Area prices were up 2.5 percent over the past two months, up 8.3 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), advanced 2.5 percent for the two months ending in April 2022, the U.S. Bureau of Labor Statistics reported today. (See [table A.](#)) Regional Commissioner Jason Palmer noted that food prices increased 3.4 percent, and the energy index rose 10.6 percent from February to April. The all items less food and energy index rose 1.5 percent over the past two months due to increases in the categories for shelter and household furnishings and operations. (Data in this report are not seasonally adjusted. Accordingly, bi-monthly changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U rose 8.3 percent. (See [chart 1](#) and [table A.](#)) The index for all items less food and energy increased 6.3 percent over the year. Energy prices rose 26.2 percent, largely the result of an increase in the price of gasoline. Food prices advanced 10.8 percent. (See [table 1.](#))

**Chart 1. Over-the-year percent change in CPI-U, Detroit-Warren-Dearborn, MI, April 2019–April 2022**



Source: U.S. Bureau of Labor Statistics.

### Food

Food prices rose 3.4 percent for the two months ending in April. Prices for food at home (groceries) increased 3.9 percent, and prices for food away from home (restaurant, cafeteria, and vending purchases) advanced 2.6 percent for the same period.

Over the year, food prices increased 10.8 percent. Prices for food at home rose 14.3 percent since a year ago, and prices for food away from home advanced 5.9 percent.

### Energy

The energy index advanced 10.6 percent for the two months ending in April. The increase was mainly due to higher prices for gasoline (18.3 percent). Prices for utility (piped) gas service rose 4.7 percent, and prices for electricity increased 0.9 percent for the same period.

Energy prices were up 26.2 percent over the year, largely due to higher prices for gasoline (42.2 percent). Prices paid for utility (piped) gas service increased 23.3 percent, and prices for electricity rose 3.0 percent during the past year.

### All items less food and energy

The index for all items less food and energy rose 1.5 percent in the latest two-month period. Higher prices for shelter (1.4 percent) and household furnishings and operations (4.0 percent) were contributing factors.

Over the year, the index for all items less food and energy increased 6.3 percent. Components contributing to the increase included shelter (6.3 percent), used cars and trucks (22.4 percent), and household furnishings and operations (10.5 percent).

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

Month	2018		2019		2020		2021		2022	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
February .....	0.3	2.1	0.4	1.2	0.5	2.6	0.6	0.8	1.1	7.5
April .....	0.9	2.3	0.6	1.0	-2.7	-0.8	1.7	5.4	2.5	8.3
June .....	1.3	3.6	0.4	0.1	1.7	0.5	1.7	5.4		
August .....	-0.6	2.8	0.6	1.4	1.9	1.8	0.5	3.9		
October .....	0.0	1.9	1.0	2.4	-0.3	0.5	1.2	5.5		
December .....	-0.6	1.2	-0.6	2.5	-0.3	0.7	1.1	7.0		

**The June 2022 Consumer Price Index for the Detroit-Warren-Dearborn area is scheduled to be released on July 13, 2022.**

### 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.

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**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-		
	Feb. 2022	Mar. 2022	Apr. 2022	Apr. 2021	Feb. 2022	Mar. 2022
<b>Expenditure category</b>						
All items .....	258.721	-	265.074	8.3	2.5	-
All items (1967=100) .....	769.027	-	787.909	-	-	-
Food and beverages .....	254.803	-	263.154	10.1	3.3	-
Food .....	256.408	-	265.099	10.8	3.4	-
Food at home .....	244.955	248.074	254.404	14.3	3.9	2.6
Cereals and bakery products .....	303.632	-	323.221	20.0	6.5	-
Meats, poultry, fish and eggs .....	271.916	-	282.307	16.8	3.8	-
Dairy and related products .....	187.031	-	195.454	13.1	4.5	-
Fruits and vegetables .....	246.323	-	270.814	16.0	9.9	-
Nonalcoholic beverages and beverage materials(1) .....	232.344	-	235.711	8.4	1.4	-
Other food at home .....	223.910	-	223.582	11.6	-0.1	-
Food away from home .....	274.085	-	281.094	5.9	2.6	-
Alcoholic beverages .....	230.043	-	233.866	1.3	1.7	-
Housing .....	247.741	-	252.202	7.1	1.8	-
Shelter .....	283.542	286.488	287.466	6.3	1.4	0.3
Rent of primary residence(2) .....	296.470	300.645	300.981	7.3	1.5	0.1
Owners' equiv. rent of residences(2)(3) .....	281.499	285.468	286.133	5.7	1.6	0.2
Owners' equiv. rent of primary residence(2)(3) .....	281.499	285.468	286.133	5.7	1.6	0.2
Fuels and utilities .....	290.962	-	297.690	9.2	2.3	-
Household energy .....	229.740	233.801	236.374	11.6	2.9	1.1
Energy services(2) .....	231.525	234.907	237.431	11.1	2.6	1.1
Electricity(2) .....	258.254	258.281	260.568	3.0	0.9	0.9
Utility (piped) gas service(2) .....	187.882	194.158	196.705	23.3	4.7	1.3
Household furnishings and operations .....	132.378	-	137.729	10.5	4.0	-
Apparel .....	104.143	-	106.835	7.2	2.6	-
Transportation .....	280.060	-	296.262	16.9	5.8	-
Private transportation .....	288.092	-	303.205	17.5	5.2	-
New and used motor vehicles(4) .....	-	-	132.783	-	-	-
New vehicles(1) .....	-	-	236.747	-	-	-
Used cars and trucks(1) .....	442.123	-	429.918	22.4	-2.8	-
Motor fuel .....	300.637	364.239	356.036	42.5	18.4	-2.3
Gasoline (all types) .....	298.789	362.155	353.411	42.2	18.3	-2.4
Gasoline, unleaded regular(5) .....	301.543	366.380	356.952	42.7	18.4	-2.6
Gasoline, unleaded midgrade(5)(6) .....	351.157	418.762	415.483	41.1	18.3	-0.8
Gasoline, unleaded premium(5) .....	298.003	351.411	348.999	36.3	17.1	-0.7
Medical care .....	-	-	-	-	-	-
Recreation(4) .....	118.328	-	120.642	5.7	2.0	-
Education and communication(4) .....	153.226	-	152.801	2.6	-0.3	-
Tuition, other school fees, and childcare(1) ..	1,389.211	-	1,389.009	4.4	0.0	-
Other goods and services .....	490.400	-	490.694	8.0	0.1	-
<b>Commodity and service group</b>						
All items .....	258.721	-	265.074	8.3	2.5	-
Commodities .....	199.744	-	207.301	13.3	3.8	-
Commodities less food and beverages .....	170.899	-	177.895	15.3	4.1	-
Nondurables less food and beverages .....	197.812	-	212.579	16.9	7.5	-
Durables .....	134.617	-	135.113	12.7	0.4	-
Services .....	318.416	-	323.582	5.3	1.6	-
<b>Special aggregate indexes</b>						

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-		
	Feb. 2022	Mar. 2022	Apr. 2022	Apr. 2021	Feb. 2022	Mar. 2022
All items less medical care .....	250.347	-	257.002	9.2	2.7	-
All items less shelter.....	252.388	-	259.763	9.2	2.9	-
Commodities less food .....	173.257	-	180.189	14.7	4.0	-
Nondurables .....	226.063	-	237.840	13.2	5.2	-
Nondurables less food.....	199.832	-	213.934	15.6	7.1	-
Services less rent of shelter(3).....	370.391	-	377.166	4.2	1.8	-
Services less medical care services.....	308.244	-	313.729	6.1	1.8	-
Energy .....	265.797	295.922	293.852	26.2	10.6	-0.7
All items less energy .....	261.772	-	266.389	7.0	1.8	-
All items less food and energy .....	263.437	-	267.336	6.3	1.5	-

**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.