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# CONSUMER PRICE INDEX DETROIT-ANN ARBOR-FLINT, MI FEBRUARY 2009

The Detroit-Ann Arbor-Flint, MI Consumer Price Index for All Urban Consumers (CPI-U) increased 2.0 percent from December 2008 to February 2009, the U.S. Department of Labor's Bureau of Labor Statistics reported today. This was more than the 1.1 percent gain for the same two-month period a year ago. On an annual basis, the Detroit area CPI-U fell 0.2 percent. This follows a 2.2 percent increase in the previous 12-month period ended in February 2008. The February 2009 Detroit-Ann Arbor-Flint, MI CPI-U was 201.913 (1982-84=100).

The 2.0 percent bimonthly increase in the Detroit area CPI-U was primarily attributed to increases in the components for housing and transportation, commented Jay A. Mousa, regional commissioner for the Bureau in Chicago. The components for apparel, food and beverages, and medical care are also rose, but with little impact. Costs for recreation, education and communication, and other goods and services reported little or no change from December.

The <u>transportation</u> component rose 6.3 percent during the bimonthly period. This increase was largely attributable to a 14.0 percent rise in the gasoline index. In spite of

Table A. Percent Changes in the CPI-U, Detroit-Ann Arbor-Flint, MI (not seasonally adjusted)

Expenditure			2009	12 mo. ended				
Category	Feb.	Apr.	June	Aug.	Oct.	Dec.	Feb.	Feb. '09
All items	1.1	1.4	1.1	0.9	-2.0	-3.5	2.0	-0.2
Food & beverages	.1	.7	.8	1.0	1.5	2	.6	4.5
Housing	2.1	1.1	.3	1	1	-2.0	1.3	.5
Apparel	7.2	.4	-5.4	14.2	-7.8	-7.9	6.8	-1.6
Transportation	.3	4.9	6.2	4	-9.2	-13.1	6.3	-6.9
Medical care	-1.1	.2	3	.1	.2	.1	.9	1.3
Recreation	.1	-1.2	-1.9	5.8	-3.2	.3	.0	5
Education and communication	8	2	.4	1.3	1.0	1	.1	2.6
Other goods & services	5	2	2	5	.2	.4	1	3

this recent increase, gasoline prices in the Detroit area were still 37.4 percent lower than in February 2008. Transportation costs in general were 6.9 percent lower over the year. This compares with a 6.5 percent gain in the 12-month period ended in February 2008.

The <u>housing</u> component rose 1.3 percent from December to February. A 1.7 percent increase in the heavily-weighted shelter index was the primary contributor to this change. Increases in the indexes for electricity (1.6 percent) and household furnishings and operations (1.9 percent) also contributed. The index for utility (piped) gas service was down 5.0 percent from its December level, only partially offsetting the aforementioned increases. On an annual basis, the housing component gained 0.5 percent, less than the 1.5 percent increase in the previous 12-month period. Among housing subcategories, shelter costs fell 1.0 percent, prices for fuels and utilities were up 6.5 percent and costs for household furnishings and operations were up 3.3 percent over-the-year.

The <u>food and beverages</u> component rose 0.6 percent from December to February. During the prior December-February period, this component rose only 0.1 percent. Grocery food prices (food at home index) were little changed with a 0.1 percent increase while the food away from home index (restaurant, cafeteria, and vending purchases) rose 1.1 percent. The cost of alcoholic beverages rose 1.3 percent. Over the past 12 months, the overall food and beverage component rose 4.5 percent. Prices for food at home rose 4.2 percent while prices for food away from home were up 5.4 percent. Alcoholic beverage prices were 2.4 percent higher over the year.

<u>Apparel</u> prices increased 6.8 percent from December, comparable to the 7.2 percent gain during the previous December-February period. In spite of the latest two-month price increase, apparel prices were 1.6 percent lower than a year ago. During the previous 12-month period, apparel prices fell 1.9 percent.

The <u>recreation</u> component did not change over the two months, comparable to the 0.1 percent increase during the same bimonthly period last year. On an annual basis, recreation costs fell 0.5 percent after falling 2.8 percent from February 2007 to February 2008.

The cost of <u>medical care</u> rose 0.9 percent from December to February. On an annual basis, the medical care component was 1.3 percent higher, a smaller gain than the 2.6 and 5.6 percent increases during the prior two 12-month periods.

The <u>education and communication</u> component edged up 0.1 percent during this bimonthly period, and increased 2.6 percent for the year. This annual change compared to a 2.2 percent increase from February 2007 to February 2008.

The <u>other goods and services</u> component was little changed from December-February (-0.1 percent) and was down 0.3 percent from a year ago. During the previous 12-month period, this component rose 1.6 percent.

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## CPI HOTLINE SERVICE PROVIDES LATEST INDEXES 24 HOURS A DAY

The all items CPI-U and CPI-W for the U.S. City Average and for the Detroit area are available to the public 24 hours a day, 7 days a week through the Bureau's CPI Hotline service. This recorded message also provides percent changes from the prior period and from a year earlier, as well as the scheduled release date for the next CPI issuance. The Hotline number in Detroit is (313) 226-7558.

### BRIEF EXPLANATION OF THE CPI

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 87 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers 32 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. Prices are collected in 87 urban areas across the country from about 50,000 housing units and approximately 23,000 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. Prices of food, fuels, and a few other items are obtained every month in all 87 locations. Prices of most other commodities and services are collected every month in the three largest geographic areas and every other month in other areas. Prices of most goods and services are obtained by personal visits of the Bureau's trained representatives.

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. Separate indexes are also published by size of city, by region of the country, for cross-classifications of regions and population-size classes, and for 27 local areas. Area indexes do not measure differences in the level of prices among cities; they only measure the average change in prices for each area since the base period.

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 <a href="www.bls.gov/cpi">www.bls.gov/cpi</a> and the BLS Handbook of Methods, Chapter 17, The Consumer Price Index, available on the Internet at <a href="www.bls.gov/opub/hom/homch17\_a.htm">www.bls.gov/opub/hom/homch17\_a.htm</a>.

### Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods

Detroit-Ann Arbor-Flint, MI (1982-84=100 unless otherwise noted)

		Indexes		Percent change from—			
Item and Group	Dec. 2008	Jan. 2009	Feb. 2009	Feb. 2008	Dec. 2008	Jan. 2009	
Expenditure category							
All items	197.991	-	201.913	-0.2	2.0	-	
All items (1967=100)	588.513	-	600.168	-	-	-	
Food and beverages	198.426	-	199.597	4.5	.6	-	
Food	198.629	-	199.690	4.7	.5	-	
Food at home	195.373	196.171	195.561	4.2	.1	-0.3	
Food away from home	203.730	-	205.993	5.4	1.1	-	
Alcoholic beverages	189.654	-	192.171	2.4	1.3	-	
Housing	189.646	-	192.029	.5	1.3	-	
Shelter	210.712	213.789	214.206	-1.0	1.7	.2	
Rent of primary residence <sup>1</sup> Owners' equivalent rent of primary residence <sup>1</sup> <sup>2</sup>	204.711	205.706	207.584	1.4	1.4	.9	
Fuels and utilities	212.441 226.053	212.583	212.754 222.911	8 6.5	.1   -1.4	.1	
Household energy	189.993	188.843	186.812	7.0	-1.7	-1.1	
Gas (piped) and electricity <sup>1</sup>	191.842	190.727	188.797	7.5	-1.6	-1.0	
Electricity 1	167.140	169.889	169.840	9.5	1.6	.0	
Utility (piped) gas service <sup>1</sup>	215.017	208.623	204.202	5.2	-5.0	-2.1	
Household furnishings and operations	122.789	-	125.081	3.3	1.9		
Apparel	102.576	-	109.582	-1.6	6.8	-	
Transportation	183.546	-	195.167	-6.9	6.3	-	
Private transportation	180.774	-	193.111	-7.3	6.8	-	
Motor fuel	147.556	172.589	166.066	-37.3	12.5	-3.8	
Gasoline (all types)	144.627	171.501	164.912	-37.4	14.0	-3.8	
Gasoline, unleaded regular <sup>3</sup>	146.893	175.416	167.665	-38.2	14.1	-4.4	
Gasoline, unleaded midgrade 3 4	164.837	192.779	188.346	-35.5	14.3	-2.3	
Gasoline, unleaded premium <sup>3</sup>	144.481	165.880	163.345	-34.0	13.1	-1.5	
Medical care	351.989	-	355.187	1.3	.9	-	
Recreation <sup>5</sup>	118.077	-	118.037	5	.0	-	
Education and communication <sup>5</sup>	132.635	-	132.723	2.6	.1	-	
Other goods and services	351.491	-	351.252	3	1	-	
Commodity and service group							
All items	197.991	-	201.913	2	2.0	-	
Commodities	154.366	-	158.094	-3.7	2.4	-	
Commodities less food and beverages	131.238	-	136.183	-8.8	3.8	-	
Nondurables less food and beverages	148.690	-	156.222	-13.7	5.1	-	
Durables	110.472 243.715	-	112.467 247.856	1 2.2	1.8 1.7	-	
Special aggregate indexes							
All items less medical care	191.922	-	195.841	3	2.0	-	
All items less shelter	195.758	-	199.916	.1	2.1	-	
Commodities less food	133.511	-	138.379	-8.3	3.6	-	
Nondurables	173.182	-	177.677	-4.7	2.6	-	
Nondurables less food	151.349	-	158.563	-12.6	4.8	-	
Services less rent of shelter 2	289.693	-	294.859	5.6	1.8	-	
Services less medical care services	235.597		239.817	2.3	1.8		
Energy	170.819	182.033	177.870	-18.4	4.1	-2.3	
All items less energy	203.444	-	207.069	1.9	1.8	-	
All items less food and energy	204.986		209.162	1.4	2.0		

<sup>&</sup>lt;sup>1</sup> This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

2 Index is on a December 1982=100 base.

3 Special index based on a substantially smaller sample.

4 Indexes on a December 1993=100 base.

NOTE: Index applies to a month as a whole, not to any specific date.

<sup>5</sup> Indexes on a December 1997=100 base.

Data not available.