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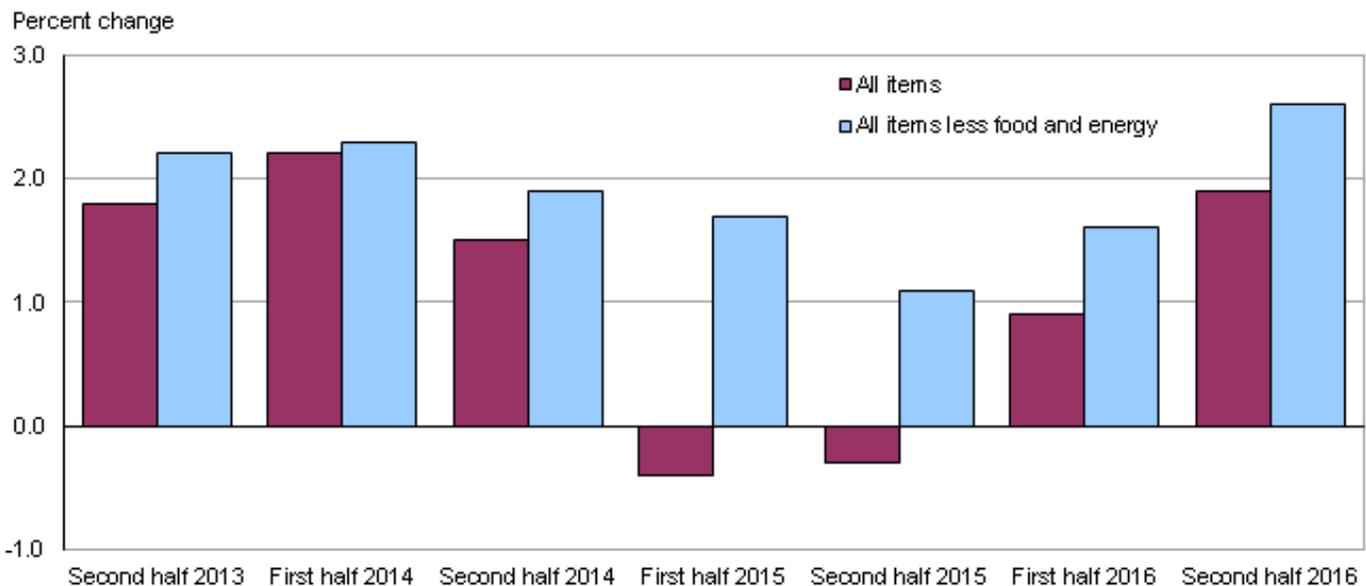
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Consumer Price Index, Cincinnati-Hamilton — Second Half 2016
Local prices up 1.9 percent over the year

The Consumer Price Index for All Urban Consumers (CPI-U) in the Cincinnati-Hamilton area increased 1.9 percent from the second half of 2015 to the second half of 2016, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Charlene Peiffer noted that the all items less food and energy index was 2.6 percent higher compared to its second half 2015 level as price increases were noted in the categories for shelter and medical care. Food prices were 0.6 percent lower over the year while the index for energy increased 0.9 percent. (See [chart 1.](#))

Chart 1. Over-the-year percent change in CPI-U, Cincinnati, second half 2013–second half 2016



Source: U.S. Bureau of Labor Statistics.

Food

The 0.6-percent decline in food prices over the year was attributed to a 2.7-percent decrease in food at home (grocery) prices. Costs for food eaten away from home (restaurant, cafeteria, and vending purchases), on the other hand, were up 2.3 percent compared to their year ago levels. In the previous annual period (second half 2014 to second half 2015), food prices were up 0.7 percent in the Cincinnati area.

Energy

Costs for electricity rose 6.3 percent and utility (piped) gas service costs were up 0.6 percent from their second half 2015 levels, contributing to the 0.9-percent increase in energy prices over the year. Gasoline prices, on the other hand, were down 4.2 percent compared to their second half 2015 levels. In the previous annual period, energy costs had fallen 12.4 percent.

All items less food and energy

The 2.6- percent over-the-year increase in the all items less food and energy index was primarily due to a 2.4-percent gain in shelter costs and a 7.7-percent increase in medical care prices. Recreation (4.8 percent) and apparel (7.0 percent) also contributed to the rise in the aggregate all items less food and energy index.

The first half 2017 Consumer Price Index for Cincinnati-Hamilton is scheduled to be released Friday, July 14, 2017.

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 89 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers 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 87 urban areas across the country from about 6,000 housing units and approximately 24,000 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 **Cincinnati-Hamilton, Ohio-Ky.-Ind.** consolidated area covered in this release is comprised of Dearborn and Ohio Counties in Indiana; Boone, Campbell, Gallatin, Grant, Kenton, and Pendleton Counties in Kentucky; and Brown, Butler, Clermont, Hamilton and Warren Counties in Ohio.

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 for semiannual averages and percent changes for selected periods Cincinnati-Hamilton, OH-KY-IN (1982-84=100 unless otherwise noted)

| Item and Group | Semiannual average indexes | | | Percent change to 2nd half 2016 from- | |
|---|----------------------------|---------------|---------------|---------------------------------------|---------------|
| | 2nd half 2015 | 1st half 2016 | 2nd half 2016 | 2nd half 2015 | 1st half 2016 |
| Expenditure category | | | | | |
| All items..... | 223.768 | 224.871 | 227.927 | 1.9 | 1.4 |
| All items (1967=100)..... | 692.387 | 695.799 | 705.255 | - | - |
| Food and beverages..... | 220.788 | 220.140 | 219.781 | -0.5 | -0.2 |
| Food..... | 217.530 | 216.751 | 216.196 | -0.6 | -0.3 |
| Food at home..... | 212.216 | 209.126 | 206.539 | -2.7 | -1.2 |
| Food away from home..... | 228.976 | 231.605 | 234.263 | 2.3 | 1.1 |
| Alcoholic beverages..... | 246.798 | 247.588 | 249.569 | 1.1 | 0.8 |
| Housing..... | 207.636 | 209.499 | 212.323 | 2.3 | 1.3 |
| Shelter..... | 238.064 | 239.862 | 243.841 | 2.4 | 1.7 |
| Rent of primary residence ⁽¹⁾ | 242.803 | 244.768 | 249.311 | 2.7 | 1.9 |
| Owners' equiv. rent of residences ^{(1) (2)} | 238.344 | 240.588 | 245.297 | 2.9 | 2.0 |
| Owners' equiv. rent of primary residence ^{(1) (2)} | 238.344 | 240.588 | 245.297 | 2.9 | 2.0 |
| Fuels and utilities..... | 223.026 | 225.311 | 231.635 | 3.9 | 2.8 |
| Household energy..... | 183.822 | 186.475 | 192.717 | 4.8 | 3.3 |
| Energy services ⁽¹⁾ | 189.554 | 192.795 | 199.184 | 5.1 | 3.3 |
| Electricity ⁽¹⁾ | 193.153 | 199.454 | 205.313 | 6.3 | 2.9 |
| Utility (piped) gas service ⁽¹⁾ | 171.219 | 164.191 | 172.189 | 0.6 | 4.9 |
| Household furnishings and operations..... | 114.913 | 117.333 | 115.082 | 0.1 | -1.9 |
| Apparel..... | 141.160 | 144.038 | 151.042 | 7.0 | 4.9 |
| Transportation..... | 199.744 | 197.109 | 198.321 | -0.7 | 0.6 |
| Private transportation..... | 196.559 | 193.666 | 195.197 | -0.7 | 0.8 |
| Motor fuel..... | 225.326 | 199.362 | 215.459 | -4.4 | 8.1 |
| Gasoline (all types)..... | 224.337 | 198.855 | 214.872 | -4.2 | 8.1 |
| Gasoline, unleaded regular ⁽³⁾ | 229.042 | 202.113 | 218.077 | -4.8 | 7.9 |
| Gasoline, unleaded midgrade ^{(3) (4)} | 222.655 | 201.443 | 219.556 | -1.4 | 9.0 |
| Gasoline, unleaded premium ⁽³⁾ | 207.829 | 192.189 | 210.113 | 1.1 | 9.3 |
| Medical care..... | 471.922 | 491.865 | 508.081 | 7.7 | 3.3 |
| Recreation ⁽⁵⁾ | 126.369 | 128.820 | 132.442 | 4.8 | 2.8 |
| Education and communication ⁽⁵⁾ | 130.372 | 128.352 | 129.374 | -0.8 | 0.8 |
| Other goods and services..... | 492.263 | 492.706 | 498.211 | 1.2 | 1.1 |
| Commodity and service group | | | | | |
| All items..... | 223.768 | 224.871 | 227.927 | 1.9 | 1.4 |
| Commodities..... | 175.740 | 175.107 | 176.784 | 0.6 | 1.0 |
| Commodities less food & beverages..... | 152.388 | 151.830 | 154.320 | 1.3 | 1.6 |
| Nondurables less food & beverages..... | 187.769 | 185.716 | 194.868 | 3.8 | 4.9 |
| Durables..... | 118.340 | 119.028 | 116.238 | -1.8 | -2.3 |
| Services..... | 274.938 | 277.669 | 282.204 | 2.6 | 1.6 |
| Special aggregate indexes | | | | | |
| All items less medical care..... | 212.346 | 212.581 | 215.034 | 1.3 | 1.2 |
| All items less shelter..... | 220.240 | 221.073 | 223.792 | 1.6 | 1.2 |
| Commodities less food..... | 156.115 | 155.549 | 158.032 | 1.2 | 1.6 |
| Nondurables..... | 205.375 | 203.887 | 208.471 | 1.5 | 2.2 |
| Nondurables less food..... | 192.761 | 190.707 | 199.400 | 3.4 | 4.6 |
| Services less rent of shelter ⁽²⁾ | 325.637 | 329.545 | 334.462 | 2.7 | 1.5 |
| Services less medical care services..... | 257.779 | 260.135 | 264.203 | 2.5 | 1.6 |
| Energy..... | 203.850 | 194.644 | 205.585 | 0.9 | 5.6 |

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes for semiannual averages and percent changes for selected periods Cincinnati-Hamilton, OH-KY-IN (1982-84=100 unless otherwise noted) - Continued

| Item and Group | Semiannual average indexes | | | Percent change to 2nd half 2016 from- | |
|-------------------------------------|----------------------------|---------------|---------------|---------------------------------------|---------------|
| | 2nd half 2015 | 1st half 2016 | 2nd half 2016 | 2nd half 2015 | 1st half 2016 |
| All items less energy..... | 228.585 | 230.987 | 233.397 | 2.1 | 1.0 |
| All items less food and energy..... | 232.015 | 235.036 | 238.029 | 2.6 | 1.3 |

(1) 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 November 1982=100 base.

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

(4) Indexes on a December 1993=100 base.

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

- Data not available.

Note: Data not seasonally adjusted.