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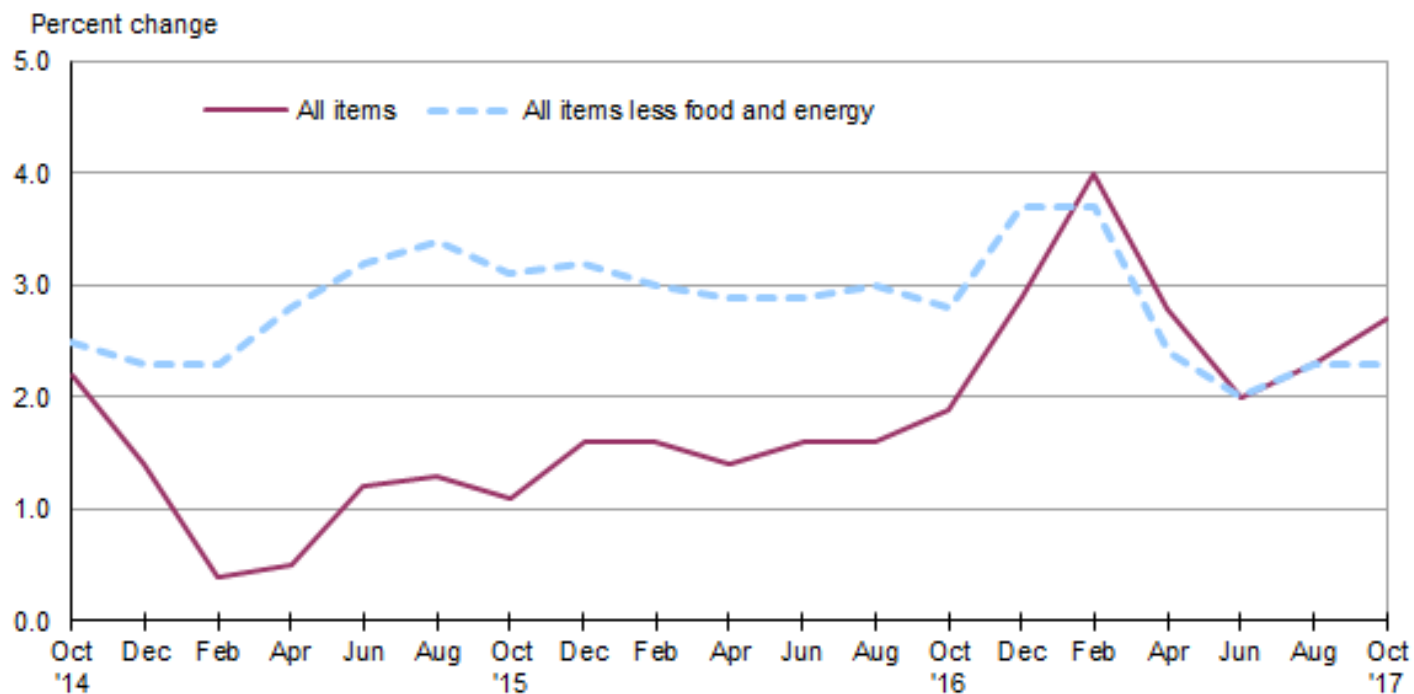
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Consumer Price Index, Miami-Fort Lauderdale – October 2017
Area prices up 1.0 percent over the two months and 2.7 percent over the year

The Consumer Price Index for All Urban Consumers (CPI-U) for Miami increased 1.0 percent over the September-October pricing period, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Janet S. Rankin noted that the energy index advanced 6.3 percent over the two months. The all items less food and energy index rose 0.5 percent and the food index increased 0.8 percent over the pricing period. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect the impact of seasonal influences.)

Over the last 12 months, the CPI-U rose 2.7 percent. The all items less food and energy index increased 2.3 percent and the energy index advanced 10.5 percent over the year. The food index was up 1.4 percent since October 2016. (See [chart 1](#) and [table 1](#).)

Chart 1. Over-the-year percent change in CPI-U, Miami, October 2014–October 2017



Source: U.S. Bureau of Labor Statistics.

Food

The food index was up 0.8 percent during the September-October pricing period, led by a 1.3-percent increase in prices for food at home. Prices for food away from home edged up 0.2 percent over the two months.

Since October 2016, the food index rose 1.4 percent, reflecting price increases for food away from home (2.5 percent) and food at home (0.6 percent).

Energy

The energy index was up 6.3 percent during the two month pricing period—largely contributed to a 12.7-percent increase in motor fuel prices. Over the two months, prices for utility (piped) gas service were unchanged, while prices for electricity edged down 0.2 percent.

Over the year, the energy index advanced 10.5 percent, led by price increases for motor fuel and electricity, up 11.3 and 10.0 percent, respectively. Since October 2016, prices for utility (piped) gas service edged up 0.3 percent.

All items less food and energy

The index for all items less food and energy rose 0.5 percent during the September-October pricing period, led by a 0.9 percent increase in the shelter index.

Since October 2016, the index for all items less food and energy increased 2.3 percent. Several indexes recorded increases, most notably shelter (4.6 percent) and medical care (8.8 percent). In contrast, the education and communication index declined 4.9 percent over the year.

Table A. Miami CPI-U 2-month and 12-month percent changes, all items index, not seasonally adjusted

Month	2013		2014		2015		2016		2017	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
February	1.5	1.9	1.2	1.6	0.3	0.4	0.2	1.6	1.3	4.0
April	-0.2	0.9	0.7	2.5	0.8	0.5	0.7	1.4	-0.5	2.8
June	-0.1	1.6	-0.3	2.4	0.4	1.2	0.6	1.6	-0.2	2.0
August	-0.2	0.6	-0.1	2.4	0.0	1.3	0.0	1.6	0.3	2.3
October	0.6	0.9	0.4	2.2	0.2	1.1	0.5	1.9	1.0	2.7
December	0.2	1.9	-0.6	1.4	-0.1	1.6	0.8	2.9		

The Consumer Price Index for November 2017 is scheduled to be released on Wednesday, December 13, 2017.

Consumer Price Index Geographic Revision for 2018

In January 2018, BLS will introduce a new geographic area sample for the Consumer Price Index (CPI). As part of the new sample, the index for this area will be renamed. The first indexes using the new structure will be published in February 2018. Additional information on the geographic revision is available at: <https://www.bls.gov/cpi/additional-resources/geographic-revision-2018.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 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 **Miami-Fort Lauderdale, Fla.** consolidated area covered in this release is comprised of Broward and Miami-Dade Counties in Florida.

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Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods Miami-Fort Lauderdale, FL (1982-84=100 unless otherwise noted)

Item and Group	Indexes			Percent change from-		
	Aug. 2017	Sep. 2017	Oct. 2017	Oct. 2016	Aug. 2017	Sep. 2017
Expenditure category						
All Items.....	255.898	-	258.456	2.7	1.0	-
All items (November 1977=100).....	412.473	-	416.595	-	-	-
Food and beverages	259.730	-	261.849	1.3	0.8	-
Food	262.389	-	264.613	1.4	0.8	-
Food at home	251.181	254.348	254.458	0.6	1.3	0.0
Food away from home.....	282.953	-	283.585	2.5	0.2	-
Alcoholic beverages	223.805	-	224.445	-0.5	0.3	-
Housing	267.527	-	270.046	4.7	0.9	-
Shelter	306.068	306.922	308.682	4.6	0.9	0.6
Rent of primary residence(1).....	300.696	301.458	302.409	4.0	0.6	0.3
Owners' equiv. rent of residences(1)(2).....	307.725	308.381	310.195	4.9	0.8	0.6
Owners' equiv. rent of primary residence(1)(2).....	307.725	308.381	310.195	4.9	0.8	0.6
Fuels and utilities.....	176.329	-	177.897	8.5	0.9	-
Household energy	152.619	152.353	152.318	9.5	-0.2	0.0
Energy services(1)	149.769	149.468	149.468	9.6	-0.2	0.0
Electricity(1).....	146.645	146.340	146.340	10.0	-0.2	0.0
Utility (piped) gas service(1).....	190.936	190.935	190.949	0.3	0.0	0.0
Household furnishings and operations	158.850	-	162.353	0.8	2.2	-
Apparel	150.134	-	144.808	2.7	-3.5	-
Transportation	207.278	-	214.569	-1.4	3.5	-
Private transportation	210.474	-	217.449	-1.4	3.3	-
Motor fuel	205.727	246.003	231.896	11.3	12.7	-5.7
Gasoline (all types).....	203.351	243.231	229.224	11.3	12.7	-5.8
Unleaded regular(3)	199.609	240.144	225.783	11.4	13.1	-6.0
Unleaded midgrade(3)(4)	204.349	234.289	226.965	11.0	11.1	-3.1
Unleaded premium(3).....	225.300	258.972	247.269	10.6	9.8	-4.5
Medical Care	501.740	-	505.431	8.8	0.7	-
Recreation(5).....	119.853	-	118.518	1.9	-1.1	-
Education and communication(5).....	119.983	-	120.372	-4.9	0.3	-
Other goods and services	346.313	-	348.494	1.2	0.6	-
Commodity and service group						
All Items.....	255.898	-	258.456	2.7	1.0	-
Commodities	201.448	-	204.613	3.0	1.6	-
Commodities less food & beverages.....	166.315	-	169.967	4.4	2.2	-
Nondurables less food & beverages	199.241	-	205.979	7.4	3.4	-
Durables	130.882	-	130.427	-1.6	-0.3	-
Services.....	297.829	-	300.011	2.6	0.7	-
Special aggregate indexes						
All items less medical care	245.406	-	247.905	2.3	1.0	-
All items less shelter.....	229.416	-	231.947	1.4	1.1	-
Commodities less food	168.595	-	172.153	4.2	2.1	-
Nondurables	231.687	-	236.264	4.0	2.0	-
Nondurables less food.....	200.853	-	207.244	6.9	3.2	-
Services less rent of shelter(2).....	293.730	-	295.302	-0.4	0.5	-
Services less medical care services.....	283.901	-	285.898	2.5	0.7	-
Energy	176.827	193.972	187.893	10.5	6.3	-3.1
All items less energy	264.854	-	266.363	2.1	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 Miami-Fort Lauderdale, FL (1982-84=100 unless otherwise noted) - Continued

Item and Group	Indexes			Percent change from-		
	Aug. 2017	Sep. 2017	Oct. 2017	Oct. 2016	Aug. 2017	Sep. 2017
All items less food and energy	265.172	-	266.556	2.3	0.5	-

Footnotes

(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: Index applies to a month as a whole, not to any specific date. Data not seasonally adjusted.