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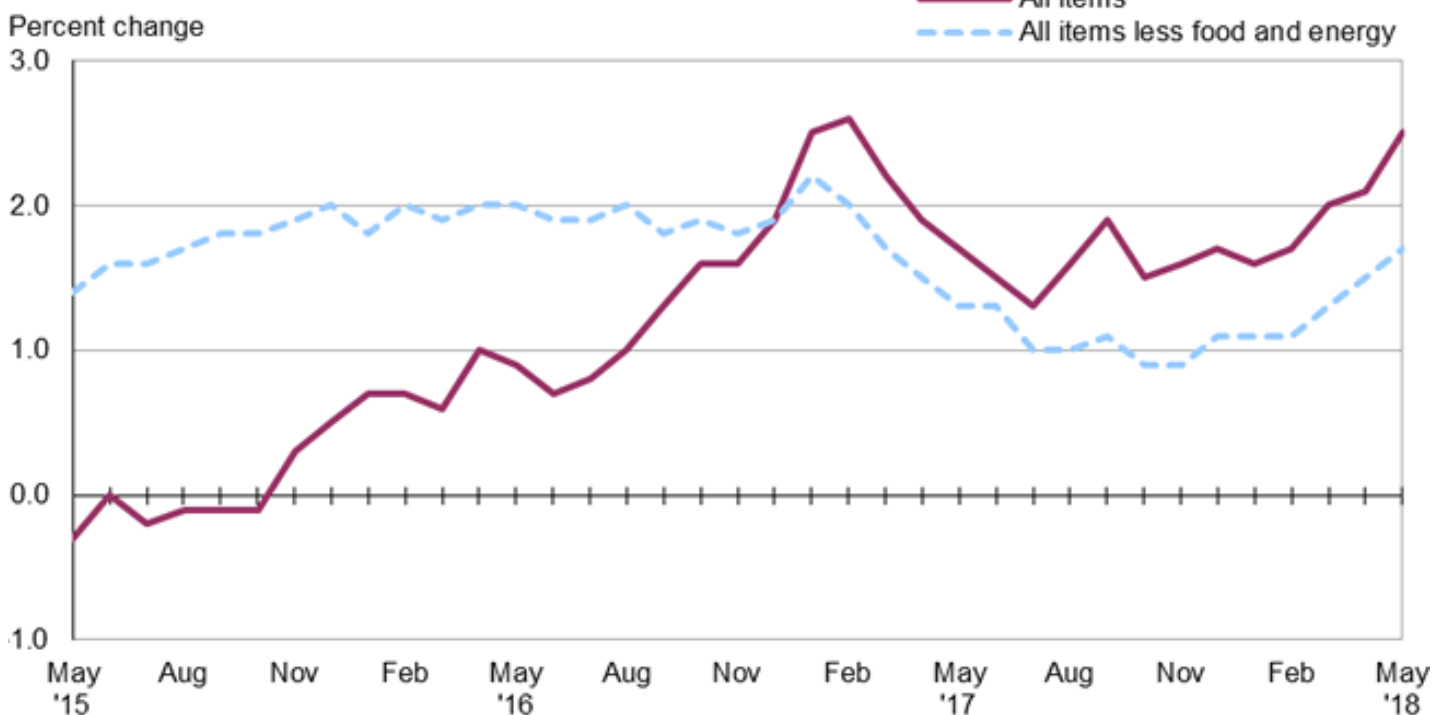
## **Consumer Price Index, Northeast Region – May 2018**

### **Regional prices up 0.4 percent over the month and 2.5 percent over the year**

The Consumer Price Index for All Urban Consumers (CPI-U) in the Northeast advanced 0.4 percent in May, the U.S. Bureau of Labor Statistics reported today. Sheila Watkins, the Bureau’s regional commissioner, noted that the recent one-month increase mainly reflected a 3.3-percent increase in the energy index. The all items less food and energy index also increased since April, up 0.2 percent, while the food index was unchanged over the month. (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 Northeast all items CPI-U increased 2.5 percent. (See [chart 1](#) and [table A](#).) The all items less food and energy index led the advance, rising 1.7 percent. The energy index and the food index also rose, up 12.3 and 1.8 percent, respectively, since May 2017. (See [table 1](#).)

**Chart 1. Over-the-year percent change in CPI-U, Northeast region, May 2015–May 2018**



Source: U.S. Bureau of Labor Statistics

## Food

The food index was unchanged since April as lower prices for food at home (-0.5 percent) were offset by an increase in prices for food away from home (0.6 percent).

From May 2017 to May 2018, the food index increased 1.8 percent. Prices for both food away from home and food at home increased over the year, up 3.1 and 0.9 percent, respectively.

## Energy

The energy index, which includes prices for household and transportation fuels, increased 3.3 percent in May, due mostly to higher prices for gasoline, up 6.4 percent. Prices for electricity also increased over the month, up 4.0 percent, while those for utility (piped) gas service decreased, down 4.0 percent.

The energy index advanced 12.3 percent since May 2017. The increase reflected higher prices for gasoline, up 20.3 percent. Prices also increased over the year for electricity (3.3 percent) and utility (piped) gas service (6.5 percent).

## All items less food and energy

The index for all items less food and energy edged up 0.2 percent over the month. The recent advance was due largely to a rise in shelter prices, up 0.5 percent since April. Prices were also higher for education and communication (0.3 percent), among others, while prices were lower for recreation (-0.7 percent).

The index for all items less food and energy increased 1.7 percent since May 2017, led by higher prices for shelter, up 2.8 percent. Prices also rose over the year for medical care (2.6 percent), but were lower for household furnishings and operations (-1.1 percent).

**Table A. Northeast region CPI-U 1-month and 12-month percent changes, all items index, not seasonally adjusted**

| Month          | 2014    |          | 2015    |          | 2016    |          | 2017    |          | 2018    |          |
|----------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
|                | 1-month | 12-month | 1-month | 12-month | 1-month | 12-month | 1-month | 12-month | 1-month | 12-month |
| January.....   | 0.6     | 1.5      | -0.2    | -0.4     | 0.0     | 0.7      | 0.6     | 2.5      | 0.5     | 1.6      |
| February.....  | 0.1     | 1.0      | 0.2     | -0.2     | 0.2     | 0.7      | 0.3     | 2.6      | 0.4     | 1.7      |
| March.....     | 0.5     | 1.5      | 0.3     | -0.4     | 0.2     | 0.6      | -0.1    | 2.2      | 0.1     | 2.0      |
| April.....     | 0.0     | 1.6      | 0.1     | -0.3     | 0.6     | 1.0      | 0.3     | 1.9      | 0.4     | 2.1      |
| May.....       | 0.4     | 2.0      | 0.4     | -0.3     | 0.3     | 0.9      | 0.1     | 1.7      | 0.4     | 2.5      |
| June.....      | 0.0     | 1.9      | 0.3     | 0.0      | 0.2     | 0.7      | 0.0     | 1.5      |         |          |
| July.....      | 0.1     | 1.8      | -0.1    | -0.2     | 0.0     | 0.8      | -0.2    | 1.3      |         |          |
| August.....    | -0.3    | 1.3      | -0.2    | -0.1     | 0.1     | 1.0      | 0.3     | 1.6      |         |          |
| September..... | 0.0     | 1.2      | 0.0     | -0.1     | 0.2     | 1.3      | 0.5     | 1.9      |         |          |
| October.....   | -0.2    | 1.4      | -0.2    | -0.1     | 0.2     | 1.6      | -0.1    | 1.5      |         |          |
| November.....  | -0.4    | 0.9      | 0.0     | 0.3      | 0.0     | 1.6      | 0.0     | 1.6      |         |          |
| December.....  | -0.5    | 0.4      | -0.4    | 0.5      | 0.0     | 1.9      | 0.1     | 1.7      |         |          |

**The Consumer Price Index for June 2018 is scheduled to be released Thursday, July 12, 2018, at 8:30 a.m. (ET).**

## 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 population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers approximately 29 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 75 urban areas across the country from about 5,000 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 (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](http://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](http://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 Northeast region is comprised of Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.


















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**Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods, Northeast Region, (1982-84=100 unless otherwise noted) (not seasonally adjusted)**

| Expenditure category                                    | Indexes         |           |           |          | Percent change from |           |           |
|---|-----------------|-----------|-----------|----------|---------------------|-----------|-----------|
|   | Historical data | Mar. 2018 | Apr. 2018 | May 2018 | May 2017            | Mar. 2018 | Apr. 2018 |
| All items.....  |                 | 263.556   | 264.669   | 265.840  | 2.5                 | 0.9       | 0.4       |
| All items (December 1977 = 100).....                    |                 | 415.020   | 416.772   | 418.617  |                     |           |           |
| Food and beverages .....                                |                 | 258.100   | 259.235   | 259.256  | 1.8                 | 0.4       | 0.0       |
| Food .....  |                 | 258.385   | 259.625   | 259.594  | 1.8                 | 0.5       | 0.0       |
| Food at home .....                                      |                 | 248.406   | 249.436   | 248.220  | 0.9                 | -0.1      | -0.5      |
| Cereals and bakery products .....                       |                 | 294.079   | 293.366   | 291.749  |                     | -0.8      | -0.6      |
| Meats, poultry, fish, and eggs.....                     |                 | 252.387   | 255.219   | 250.683  |                     | -0.7      | -1.8      |
| Dairy and related products .....                        |                 | 225.582   | 225.197   | 224.775  |                     | -0.4      | -0.2      |
| Fruits and vegetables .....                             |                 | 310.177   | 311.887   | 312.553  |                     | 0.8       | 0.2       |
| Nonalcoholic beverages and beverage materials.....      |                 | 173.398   | 172.571   | 172.688  |                     | -0.4      | 0.1       |
| Other food at home .....                                |                 | 221.806   | 223.498   | 223.088  |                     | 0.6       | -0.2      |
| Food away from home.....                                |                 | 276.763   | 278.327   | 280.017  | 3.1                 | 1.2       | 0.6       |
| Alcoholic beverages .....                               |                 | 253.216   | 253.071   | 253.731  | 1.0                 | 0.2       | 0.3       |
| Housing .....   |                 | 280.985   | 281.574   | 282.848  | 2.8                 | 0.7       | 0.5       |
| Shelter .....   |                 | 347.179   | 348.276   | 349.926  | 2.8                 | 0.8       | 0.5       |
| Rent of primary residence(1).....                       |                 | 349.161   | 349.889   | 350.585  | 2.5                 | 0.4       | 0.2       |
| Owners' equivalent rent of residences(1)(2).....        |                 | 358.681   | 359.918   | 360.764  | 2.6                 | 0.6       | 0.2       |
| Owners' equivalent rent of primary residence(1)(2)..... |                 | 358.432   | 359.669   | 360.510  | 2.6                 | 0.6       | 0.2       |
| Fuels and utilities.....                                |                 | 231.105   | 229.335   | 230.903  | 5.6                 | -0.1      | 0.7       |
| Household energy .....                                  |                 | 205.988   | 203.994   | 205.573  | 6.2                 | -0.2      | 0.8       |
| Energy services(1) .....                                |                 | 202.979   | 200.253   | 202.578  | 3.8                 | -0.2      | 1.2       |
| Electricity(1).....                                     |                 | 205.089   | 201.559   | 209.697  | 3.3                 | 2.2       | 4.0       |
| Utility (piped) gas service(1).....                     |                 | 183.764   | 182.562   | 175.207  | 6.5                 | -4.7      | -4.0      |
| Household furnishings and operations.....               |                 | 119.485   | 120.108   | 120.029  | -1.1                | 0.5       | -0.1      |
| Apparel.....  |                 | 130.835   | 133.247   | 133.571  | 1.6                 | 2.1       | 0.2       |
| Transportation .....                                    |                 | 205.091   | 207.639   | 210.975  | 4.6                 | 2.9       | 1.6       |
| Private transportation .....                            |                 | 197.503   | 199.980   | 202.964  | 5.5                 | 2.8       | 1.5       |
| New and used motor vehicles(3).....                     |                 | 96.871    | 96.514    | 95.995   | -0.4                | -0.9      | -0.5      |
| New vehicles .....                                      |                 | 145.485   | 145.056   | 144.405  | -1.0                | -0.7      | -0.4      |
| New cars and trucks(3)(4).....                          |                 | 100.821   | 100.527   | 100.073  | -0.9                | -0.7      | -0.5      |
| New cars(4).....  |                 | 134.300   | 133.868   | 133.281  | -2.2                | -0.8      | -0.4      |
| Used cars and trucks.....                               |                 | 145.718   | 145.294   | 144.337  | -1.6                | -0.9      | -0.7      |
| Motor fuel .....  |                 | 224.884   | 237.081   | 252.165  | 20.3                | 12.1      | 6.4       |
| Gasoline (all types).....                               |                 | 223.792   | 236.049   | 251.143  | 20.3                | 12.2      | 6.4       |
| Gasoline, unleaded regular(4).....                      |                 | 221.284   | 233.807   | 249.078  | 20.8                | 12.6      | 6.5       |
| Gasoline, unleaded midgrade(4)(5).....                  |                 | 237.074   | 247.333   | 262.082  | 17.7                | 10.5      | 6.0       |
| Gasoline, unleaded premium(4).....                      |                 | 231.937   | 241.824   | 254.886  | 16.9                | 9.9       | 5.4       |
| Motor vehicle insurance(6).....                         |                 | 620.384   | 620.681   | 620.681  |                     | 0.0       | 0.0       |
| Medical care .....                                      |                 | 504.112   | 504.859   | 504.921  | 2.6                 | 0.2       | 0.0       |
| Medical care commodities.....                           |                 | 390.484   | 388.475   | 391.666  | 1.2                 | 0.3       | 0.8       |
| Medical care services.....                              |                 | 536.686   | 538.277   | 537.377  | 3.0                 | 0.1       | -0.2      |
| Professional services .....                             |                 | 380.157   | 380.487   | 379.266  | 0.6                 | -0.2      | -0.3      |
| Recreation(3).....                                      |                 | 123.949   | 124.184   | 123.315  | -0.6                | -0.5      | -0.7      |
| Education and communication(3).....                     |                 | 139.664   | 139.679   | 140.123  | 0.4                 | 0.3       | 0.3       |

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, Northeast Region, (1982-84=100 unless otherwise noted) (not seasonally adjusted) - Continued**

| Expenditure category                               | Indexes   |           |           |           | Percent change from |           |           |
|--|---|-----------|-----------|-----------|---------------------|-----------|-----------|
|  | Historical data   | Mar. 2018 | Apr. 2018 | May 2018  | May 2017            | Mar. 2018 | Apr. 2018 |
| Tuition, other school fees, and child care(6)..... |  | 1,210.467 | 1,210.467 | 1,210.763 |                     | 0.0       | 0.0       |
| Other goods and services .....                     |  | 486.713   | 488.167   | 489.364   | 3.1                 | 0.5       | 0.2       |
| <b>Commodity and service group</b>                 |   |           |           |           |                     |           |           |
| Commodities .....                                  |  | 189.633   | 191.390   | 192.327   | 2.8                 | 1.4       | 0.5       |
| Commodities less food and beverages .....          |  | 152.310   | 154.209   | 155.449   | 3.4                 | 2.1       | 0.8       |
| Nondurables less food and beverages...             |  | 196.929   | 201.256   | 204.723   | 6.7                 | 4.0       | 1.7       |
| Durables .....                                     |  | 102.994   | 102.828   | 102.223   | -1.4                | -0.7      | -0.6      |
| Services.....                                      |  | 334.865   | 335.433   | 336.839   | 2.4                 | 0.6       | 0.4       |
| <b>Special aggregate indexes</b>                   |   |           |           |           |                     |           |           |
| All items less shelter.....                        |  | 234.793   | 235.922   | 236.926   | 2.3                 | 0.9       | 0.4       |
| All items less medical care .....                  |  | 252.988   | 254.120   | 255.345   | 2.5                 | 0.9       | 0.5       |
| Commodities less food .....                        |  | 155.981   | 157.831   | 159.061   | 3.3                 | 2.0       | 0.8       |
| Nondurables .....                                  |  | 227.597   | 230.501   | 232.416   | 4.1                 | 2.1       | 0.8       |
| Nondurables less food.....                         |  | 200.203   | 204.260   | 207.557   | 6.3                 | 3.7       | 1.6       |
| Services less rent of shelter(2).....              |  | 333.212   | 333.226   | 334.401   | 1.9                 | 0.4       | 0.4       |
| Services less medical care services.....           |  | 320.954   | 321.452   | 323.016   | 2.3                 | 0.6       | 0.5       |
| Energy .....                                       |  | 213.671   | 217.608   | 224.829   | 12.3                | 5.2       | 3.3       |
| All items less energy .....                        |  | 271.327   | 272.153   | 272.698   | 1.7                 | 0.5       | 0.2       |
| All items less food and energy .....               |  | 275.350   | 276.113   | 276.756   | 1.7                 | 0.5       | 0.2       |

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) Indexes on a December 1982=100 base.
  - (3) Indexes on a December 1997=100 base.
  - (4) Special index based on a substantially smaller sample.
  - (5) Indexes on a December 1993=100 base.
  - (6) Indexes on a December 1977=100 base.
- Note: Index applies to a month as a whole, not to any specific date.