## THE CAYMAN ISLANDS' CONSUMER PRICE INDEX REPORT: DECEMBER 2014

(Date of release: February 9, 2014)

## Average CPI Increased by 1.3\% in 2014

This report presents the average CPI in 2014 and the results of the December 2014 CPI survey.

## Average CPI in 2014

The average Consumer Price Index (CPI) in 2014 was 104.9, reflecting an increase of 1.3 from the average CPI in 2013. In 2014, all quarters recorded increases, consisting of 2.3 percent in the first quarter to 0.7 percent in the second quarter, 1.5 percent in the third, and 0.6 percent in the fourth.

Figure 1: Inflation Rates (Dec 2011 - Dec 2014)
(\% Change in CPI of Current Quarter over Same Quarter a Year Ago)


A look at the major divisions of goods and services in the CPI basket indicates that there were increases in nine (9) out of the twelve (12) divisions as follows:

- Food and non-alcoholic beverages, 2.4\%;
- Alcoholic Beverage and tobacco, $0.1 \%$;
- Household equipment, 7.4\%;
- Transport, 2.3\%;
- Communication, $0.9 \%$;
- Recreation and culture, $2.2 \%$;
- Education, 2.7\%
- Restaurants and Hotels, 4.5\%; and
- Miscellaneous Goods and Services, $0.7 \%$

The major divisions that registered declines in the average price were clothing and footwear $(-0.7 \%)$, housing and utilities ( $-1.6 \%$ ), and health ( $-0.2 \%$ ).

## December 2014 Consumer Price Index

## Annual changes: December 2014 over December 2013

The CPI for the quarter ended December 2014 increased by 0.6 percent compared to the same period a year ago. This movement was mainly due to increases in the following divisions:

- Household equipment: the index for this division increased by 7.3 percent. This upward movement was largely the result of higher prices for goods and services for routine household maintenance ( $9.2 \%$ ); tools and equipment for house and garden (4.1\%); glassware, tableware and household utensils (2.8\%); and furniture and furnishings ( $1.6 \%$ ). Among the contributors to the increase in goods and services for routine household maintenance were the costs of residential housework, baby-sitting, and fumigation services.
- Recreation and culture: the inflation rate for the division was $\mathbf{3 . 4}$ percent, mainly the result of newspapers, books and stationery (11.4\%), recreational and cultural services $(5.5 \%)$ as well as other major durables for recreation and culture ( $1.2 \%$ ). The group audio-visual, photographic and information processing equipment recorded a decline of 3.9 percent while prices for other recreational items and equipment, gardens and pets were stable.
- Education: the price index was 2.7 percent above the level in December 2013. The average cost of two of the three levels of education rose. Pre-primary and primary education rose by 4.3 percent; and secondary level rose by 2.2 percent.
- Food and non-alcoholic beverages: this index rose by 2.4 percent as the average cost of items in most groups increased, led by fruits ( $6.2 \%$ ) followed by meat and meat products ( $4.8 \%$ ); bread and cereals ( $4.6 \%$ ); and milk, cheese, and eggs ( $4.4 \%$ ). There were reduced prices for mineral water, soft drinks, fruit and vegetables juices ( $-1.5 \%$ ); and oils and fats ( $-1.2 \%$ ).
- Communication: there was a 0.4 percent rise in this price index as all sub-groups registered at higher levels: telephone and telefax equipment ( $27.5 \%$ ), postal services ( $1.1 \%$ ) and telephone and telefax services ( $0.2 \%$ ).
- Alcohol and tobacco: the index for this division moved upward by $\mathbf{0 . 2}$ percent due to alcohol price increases $(0.3 \%)$. On average, tobacco prices were stable.

Meanwhile, the following divisions recorded declines in December 2014 compared to December 2013:

- Housing and utilities: the price index registered a downward movement of $\mathbf{4 . 6}$ percent year on year. The main contributor to the decline was the 5.7 percent fall in the index for electricity, gas and other fuels. Average imputed rentals for owner-occupied housing was stable. However, actual rentals averaged higher by 0.6 percent due to an upward movement for one-bedroom units while, water supply and miscellaneous services rose by 1.4 percent. The group that recorded the most significant increase was maintenance and repair of the dwelling ( $8.8 \%$ ) as some materials and labour costs rose.
- Restaurants and hotels: the index declined on average by 2.2 percent following the fall of 14.9 percent in the index for accommodation services. However, catering services ( $0.1 \%$ ) showed a slight price increase.
- Miscellaneous goods and services: this price index fell by 1.3 percent as a result of reduced prices for personal effects not elsewhere classified ( $-5.8 \%$ ), particularly some jewellery items. Average prices for other services n.e.c. and insurance fell by 2.6 percent and 1.5 percent respectively. There was however a 2.9 percent increase for social protection.
- Clothing and footwear: this divisional index was lower by 0.6 percent as clothing moved down by 0.7 percent. However, the index for footwear was stable.
- Transport: there was a decline of $\mathbf{0 . 4}$ percent due to changes in the average cost of operations of personal transport equipment ( $-0.2 \%$ ) and transport services $(-0.3 \%)$ which includes vehicle fuel and airfares for a variety of routes. However, the purchase cost of vehicles moved upward ( $0.2 \%$ ).
However, for the division Health, the overall index was stable.


## Quarterly changes: December 2014 compared to September 2014

The following divisions were the main contributors to the 0.3 percent CPI decrease over the third quarter:

- Housing and utilities: this index, which accounts for almost $2 / 5$ of the entire CPI basket, declined by 5.4 percent when compared to last quarter. Electricity, gas and other fuels recorded a 3.5 percent fall, while, the average cost of actual rentals for housing fell by 3.1 percent. Imputed rental for owner-occupied housing was stable. All other components of the division had a quarterly upturn: maintenance and repair of dwelling ( $3.3 \%$ ), and water supply and miscellaneous services ( $0.6 \%$ ).
- Miscellaneous goods and services: the index had a quarterly decline of $\mathbf{1 . 6}$ percent, resulting mainly from reduced prices for personal effects n.e.c. (-5.5\%) particularly jewellery, other services n.e.c. $(-2.6 \%)$ and insurance ( $-2.3 \%$ ).
- Communication: this experienced a price fall of 1.1 percent which is traced to telephone and telefax services ( $-1.1 \%$ ). Prices for postal services and telephone and telefax equipment were stable.
- Transport: there was a decline of 0.8 percent as a result of reduced prices for the purchase of vehicles ( $-3.0 \%$ ), transport services ( $-0.9 \%$ ), and operations of personal transport equipment ( $-0.2 \%$ ).
- Health: the price index was lower by 0.1 percent due to reductions in average prices for medical products, appliances and equipment of 0.7 percent. However, hospital services rose by 1.4 percent, and outpatient services had stable prices.

The following divisions recorded increases in the indices compared to September 2014:

- Education: the price index rose 2.7 percent above the September 2014 price. The average cost of pre-primary and primary education rose by 4.3 percent; and secondary rose by 2.2 percent. The prices for tertiary education were stable.
- Restaurants and hotels: the index moved up by 2.0 percent as accommodation services recorded a significant average price increase (15.3\%) as demand for the services grew. There was a slight 0.1 percent rise in prices for catering services.
- Food and non-alcoholic beverage: this recorded a 1.0 percent increase, as a result of price increases for a number of items led by vegetables ( $5.8 \%$ ); bread and cereals ( $1.7 \%$ ); and food products n.e.c. $(1.6 \%)$. Meat and meat products $(1.0 \%)$; and coffee, tea and cocoa $(1.0 \%)$ recorded similar increases. These increased prices were moderated by price reductions for fish and seafood ( $-2.5 \%$ ); mineral water, soft drinks, fruit and vegetable juices ( $-0.5 \%$ ); and milk, cheese and eggs ( $-0.3 \%$ ).
- Recreation and culture: this price index increased by 1.0 percent, coming mainly from a 5.9 percent rise in the average cost of newspapers, books and stationery. Other recreational items and equipment, gardens and pets recorded a 1.6 percent rise in the index. While the prices for other major durables for recreation and culture were stable those for audio-visual, photographic and information processing equipment and recreational and cultural services were reduced by 1.3 and 0.1 percent respectively.

Meanwhile, the index for the divisions; household equipment and routine maintenance and alcohol and tobacco showed no price changes over the previous quarter.

Table 1: Quarterly Consumer Price Index and Inflation Rates
JUNE 2008 = 100

| Year | Quarter Ending | INDEX | Percentage change in CPI: |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3 months ago | 1 year ago |
| 2006 | March | 91.9 | -0.9 | -0.9 |
|  | June | 93.3 | 1.5 | 0.9 |
|  | September | 94.4 | 1.2 | 1.4 |
|  | December | 94.2 | -0.2 | 1.6 |
| 2007 | March | 95.9 | 1.8 | 4.4 |
|  | June | 96.3 | 0.4 | 3.2 |
|  | September | 96.7 | 0.4 | 2.4 |
|  | December | 95.8 | -0.9 | 1.7 |
| 2008 | March | 99.2 | 3.5 | 3.4 |
|  | June | 100.0 | 0.8 | 3.8 |
|  | September | 101.8 | 1.8 | 5.3 |
|  | December | 99.5 | -2.3 | 3.9 |
| 2009 | March | 98.8 | -0.8 | -0.4 |
|  | June | 98.8 | 0.1 | -1.2 |
|  | September | 98.7 | -0.2 | -3.1 |
|  | December | 98.2 | -0.5 | -1.3 |
| 2010 | March | 99.1 | 0.9 | 0.4 |
|  | June | 99.5 | 0.4 | 0.7 |
|  | September | 98.4 | -1.1 | -0.3 |
|  | December | 98.5 | 0.1 | 0.3 |
| 2011 | March | 99.2 | 0.7 | 0.03 |
|  | June | 100.5 | 1.4 | 1.0 |
|  | September | 100.8 | 0.3 | 2.4 |
|  | December | 100.4 | -0.4 | 1.9 |
| 2012 | March | 100.9 | 0.6 | 1.8 |
|  | June | 101.4 | 0.5 | 0.9 |
|  | September | 100.8 | -0.6 | 0.02 |
|  | December | 102.5 | 1.6 | 2.1 |
| 2013 | March | 102.3 | -0.1 | 1.4 |
|  | June | 104.2 | 1.8 | 2.7 |
|  | September | 103.7 | -0.5 | 2.8 |
|  | December | 104.2 | 0.5 | 1.7 |
| 2014 | March | 104.7 | 0.5 | 2.3 |
|  | June | 104.9 | 0.2 | 0.7 |
|  | September | 105.2 | 0.2 | 1.5 |
|  | December | 104.8 | -0.3 | 0.6 |

## Table 2

CAYMAN ISLANDS CONSUMER PRICE INDEX
ANNUAL AVERAGES 1995 TO 2014
(June 2008 = 100)

| YEAR | INDEX | Percentage change <br> from a year ago |
| :---: | :---: | :---: |
| 1995 | 66.7 |  |
| 1996 | 68.4 | 2.5 |
| 1997 | 70.3 | 2.7 |
| 1998 | 72.4 | 3.0 |
| 1999 | 77.3 | 6.9 |
| 2000 | 79.4 | 2.7 |
| 2001 | 80.3 | 1.1 |
| 2002 | 82.3 | 2.5 |
| 2003 | 82.8 | 0.5 |
| 2004 | 86.5 | 4.5 |
| 2005 | 92.8 | 7.3 |
| 2006 | 93.5 | 0.8 |
| 2008 | 96.2 | 2.9 |
| 2009 | 100.1 | 4.1 |
| 2010 | 98.6 | -1.5 |
| 2011 | 98.9 | 0.3 |
| 2012 | 100.2 | 1.3 |
| 2013 | 101.4 | 1.2 |
| 2014 | 103.6 | 2.2 |

CONSUMER PRICE INDEX REPORT DECEMBER 2014

TABLE 3: CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - FOURTH QUARTER 2014

|  | Major Group | Weight | Index |  |  | Percetage Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Dec-14 | Sept-14 | Dec-13 | $\begin{gathered} \hline 3 \text { months } \\ \text { Ago } \\ \hline \end{gathered}$ | $\begin{gathered} 1 \text { year } \\ \text { ago } \\ \hline \end{gathered}$ |
|  |  |  |  |  |  |  |  |
|  | All Divisions - All items | 1,000.0 | 104.8 | 105.2 | 104.2 | -0.3 | 0.6 |
| 01 | Food \& Non Alcoholic Beverage | 79.6 | 125.6 | 124.4 | 122.7 | 1.0 | 2.4 |
|  | Bread \& cereals | 9.9 | 124.7 | 122.6 | 119.3 | 1.7 | 4.6 |
|  | Meat \& meat products | 10.4 | 131.5 | 130.2 | 125.4 | 1.0 | 4.8 |
|  | Fish \& seafood | 4.2 | 124.9 | 128.1 | 122.0 | -2.5 | 2.4 |
|  | Milk, cheese \& egg | 8.3 | 124.3 | 124.7 | 119.0 | -0.3 | 4.4 |
|  | Oils \& fats | 2.0 | 109.0 | 108.4 | 110.4 | 0.5 | -1.2 |
|  | Fruits | 6.7 | 139.0 | 137.8 | 130.8 | 0.9 | 6.2 |
|  | Vegetables | 8.6 | 137.5 | 129.9 | 135.0 | 5.8 | 1.8 |
|  | Sugars, jam, honey, chocolate \& confectionery | 5.5 | 124.9 | 124.9 | 124.0 | 0.0 | 0.7 |
|  | Food products n.e.c. | 5.6 | 121.3 | 119.4 | 119.8 | 1.6 | 1.2 |
|  | Coffee, tea \& cocoa | 1.6 | 114.3 | 113.1 | 110.4 | 1.0 | 3.5 |
|  | Mineral water, soft drinks, fruit \& vegetable juices | 16.9 | 116.7 | 117.2 | 118.4 | -0.5 | -1.5 |
| 02 | Alcohol and Tobacco | 6.5 | 131.9 | 131.9 | 131.6 | 0.0 | 0.2 |
|  | Alcohol | 5.6 | 114.3 | 114.3 | 113.9 | 0.0 | 0.3 |
|  | Tobacco | 0.9 | 246.0 | 246.0 | 246.0 | 0.0 | 0.0 |
| 03 | Clothing and Footwear | 34.3 | 112.6 | 112.3 | 113.3 | 0.3 | -0.6 |
|  | Clothing | 29.5 | 111.5 | 110.7 | 112.3 | 0.7 | -0.7 |
|  | Footwear | 4.8 | 119.9 | 122.0 | 119.9 | -1.8 | 0.0 |
| 04 | Housing and Utilities | 394.4 | 84.7 | 89.6 | 88.8 | -5.4 | -4.6 |
|  | Actual rentals for housing | 78.7 | 78.4 | 80.9 | 77.9 | -3.1 | 0.6 |
|  | Imputed rentals for owner-occupied housing | 223.4 | 80.6 | 80.6 | 80.6 | 0.0 | 0.0 |
|  | Maintenance and repair of dwelling | 28.5 | 125.9 | 121.8 | 115.7 | 3.3 | 8.8 |
|  | Water supply and miscellaneous services | 16.4 | 117.0 | 116.3 | 115.4 | 0.6 | 1.4 |
|  | Electricity, gas and other fuels | 47.3 | 113.4 | 117.5 | 120.2 | -3.5 | -5.7 |
| 05 | Household Equipment | 56.4 | 118.5 | 118.6 | 110.4 | 0.0 | 7.3 |
|  | Furniture and furnishings | 5.7 | 107.0 | 106.7 | 105.3 | 0.3 | 1.6 |
|  | Household textiles | 1.1 | 128.3 | 134.2 | 127.7 | -4.4 | 0.4 |
|  | Household appliances | 2.8 | 103.5 | 103.2 | 103.2 | 0.3 | 0.3 |
|  | Glassware, tableware and household utensils | 2.8 | 131.7 | 134.4 | 128.1 | -2.0 | 2.8 |
|  | Tools and equipment for house and garden | 1.5 | 95.0 | 93.1 | 91.3 | 2.1 | 4.1 |
|  | Goods and services for routine household maintenance | 42.4 | 120.8 | 120.7 | 110.7 | 0.1 | 9.2 |
| 06 | Health | 24.2 | 101.8 | 101.9 | 101.8 | -0.1 | 0.0 |
|  | Medical products, appliances and equipment | 5.0 | 107.5 | 108.3 | 108.9 | -0.7 | -1.3 |
|  | Outpatient services | 17.9 | 99.2 | 99.2 | 99.0 | 0.0 | 0.1 |
|  | Hospital services | 1.4 | 114.6 | 113.1 | 112.5 | 1.4 | 1.9 |
| 07 | Transport | 96.1 | 117.3 | 118.3 | 117.8 | -0.8 | -0.4 |
|  | Purchase of vehicles | 6.1 | 116.9 | 120.4 | 116.6 | -3.0 | 0.2 |
|  | Operations of personal transport equipment | 57.4 | 121.2 | 121.5 | 121.4 | -0.2 | -0.2 |
|  | Transport services | 32.6 | 111.3 | 112.3 | 111.7 | -0.9 | -0.3 |
| 08 | Communication | 69.7 | 105.1 | 106.2 | 104.7 | -1.1 | 0.4 |
|  | Postal services | 0.5 | 96.4 | 96.4 | 95.3 | 0.0 | 1.1 |
|  | Telephone \& telefax equipment | 0.3 | 107.6 | 107.6 | 84.4 | 0.0 | 27.5 |
|  | Telephone \& telefax services | 68.9 | 105.2 | 106.3 | 104.9 | -1.1 | 0.2 |
| 09 | Recreation and Culture | 40.5 | 99.4 | 98.4 | 96.1 | 1.0 | 3.4 |
|  | Audio-visual, photographic and information processing equipment | 4.2 | 71.7 | 72.6 | 74.6 | -1.3 | -3.9 |
|  | Other major durables for recreation and culture | 3.4 | 91.3 | 91.3 | 90.1 | 0.0 | 1.2 |
|  | Other recreational items and equipment, gardens and pets | 10.5 | 113.8 | 112.0 | 113.8 | 1.6 | 0.0 |
|  | Recreational \& cultural services | 17.6 | 98.2 | 98.3 | 93.1 | -0.1 | 5.5 |
|  | Newspapers, books and stationery | 4.8 | 102.2 | 96.6 | 91.8 | 5.9 | 11.4 |
| 10 | Education | 27.9 | 116.0 | 113.0 | 113.0 | 2.7 | 2.7 |
|  | Pre-primary and primary education | 16.1 | 117.4 | 112.5 | 112.5 | 4.3 | 4.3 |
|  | Secondary education | 2.4 | 121.0 | 118.4 | 118.4 | 2.2 | 2.2 |
|  | Tertiary education | 9.4 | 112.5 | 112.5 | 112.5 | 0.0 | 0.0 |
| 11 | Restaurants and Hotels | 40.2 | 119.2 | 116.9 | 121.9 | 2.0 | -2.2 |
|  | Catering Services | 33.8 | 122.2 | 122.0 | 122.0 | 0.1 | 0.1 |
|  | Accomodation Sevices | 6.4 | 103.1 | 89.4 | 121.1 | 15.3 | -14.9 |
| 12 | Miscellaneous Goods and Services | 130.2 | 116.9 | 118.8 | 118.5 | -1.6 | -1.3 |
|  | Personal care | 26.5 | 113.9 | 112.9 | 114.0 | 0.9 | -0.1 |
|  | Personal effects n.e.c. | 7.7 | 120.7 | 127.7 | 128.2 | -5.5 | -5.8 |
|  | Social protection | 8.4 | 107.8 | 104.8 | 104.8 | 2.9 | 2.9 |
|  | Insurance | 74.8 | 120.2 | 123.0 | 121.9 | -2.3 | -1.5 |
|  | Financial services n.e.c. | 0.5 | 91.8 | 91.8 | 91.8 | 0.0 | 0.0 |
|  | Other services n.e.c. | 12.2 | 108.7 | 111.7 | 111.7 | -2.6 | -2.6 |


| Table 4: Consumer Price Index, Averages by Major Groups |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | (JUNE $2008=100)$ |  |  |  |  |  |  |  |
| PERIOD / DIVISION | Food \& Nonalcoholic beverages | Alcoholic Beverages \& Tobacco | Clothing \& Footwear | Housing and Utilities | Household Equipment | Health | Transport | Communication | $\begin{gathered} \text { Recreation \& } \\ \text { Culture } \end{gathered}$ | Education | $\begin{array}{\|c} \begin{array}{c} \text { Restaurants \& } \\ \text { Hotels } \end{array} \\ \hline \end{array}$ | Miscellaneous Goods \& Services | ALL ITEMS |
| WEIGHT | 79.6 | 6.5 | 34.3 | 394.4 | 56.4 | 24.2 | 96.1 | 69.7 | 40.5 | 27.9 | 40.2 | 130.2 | 1000 |
| 2009 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 105.9 | 104.4 | 102.4 | 96.2 | 101.8 | 95.6 | 89.3 | 98.4 | 98.3 | 101.8 | 108.8 | 104.1 | 98.8 |
| JUNE | 106.9 | 104.6 | 102.4 | 95.2 | 101.6 | 96.3 | 90.8 | 101.6 | 98.5 | 102.0 | 107.1 | 104.3 | 98.8 |
| SEPTEMBER | 105.6 | 104.1 | 100.3 | 94.9 | 100.9 | 97.2 | 92.7 | 99.5 | 97.6 | 103.5 | 109.7 | 104.5 | 98.7 |
| DECEMBER | 105.1 | 104.7 | 99.9 | 93.8 | 100.5 | 97.1 | 93.2 | 102.7 | 96.7 | 103.5 | 109.2 | 103.1 | 98.2 |
| ANNUAL AVERAGE 2009 | 105.9 | 104.5 | 101.2 | 95.0 | 101.2 | 96.6 | 91.5 | 100.5 | 97.7 | 102.7 | 108.7 | 104.0 | 98.6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 107.5 | 114.5 | 99.8 | 93.5 | 100.8 | 97.4 | 96.1 | 102.8 | 98.1 | 103.5 | 116.4 | 104.1 | 99.1 |
| JUNE | 110.6 | 115.3 | 102.1 | 93.1 | 102.9 | 97.7 | 97.4 | 102.7 | 97.5 | 103.5 | 113.6 | 105.0 | 99.5 |
| SEPTEMBER | 109.3 | 115.6 | 101.1 | 89.1 | 101.8 | 97.8 | 100.5 | 102.9 | 100.1 | 105.4 | 113.4 | 106.4 | 98.4 |
| DECEMBER | 108.6 | 115.1 | 101.1 | 89.2 | 101.7 | 97.8 | 101.8 | 102.1 | 99.7 | 105.4 | 113.3 | 107.1 | 98.5 |
| ANNUAL AVERAGE 2010 | 109.0 | 115.1 | 101.0 | 91.2 | 101.8 | 97.7 | 98.9 | 102.6 | 98.9 | 104.5 | 114.2 | 105.6 | 98.9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 110.4 | 115.0 | 100.2 | 89.2 | 102.5 | 97.9 | 105.0 | 102.1 | 99.5 | 105.4 | 117.5 | 107.2 | 99.2 |
| JUNE | 112.4 | 115.7 | 100.9 | 90.4 | 102.2 | 99.1 | 110.3 | 105.4 | 99.4 | 105.4 | 115.5 | 107.4 | 100.5 |
| SEPTEMBER | 113.6 | 115.5 | 101.0 | 91.2 | 103.5 | 98.9 | 111.5 | 104.1 | 99.2 | 105.4 | 115.7 | 105.6 | 100.8 |
| DECEMBER | 114.7 | 115.7 | 102.2 | 90.1 | 103.3 | 98.9 | 110.7 | 104.4 | 99.3 | 105.4 | 112.8 | 106.0 | 100.4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE 2011 | 112.8 | 115.5 | 101.1 | 90.3 | 102.8 | 98.7 | 109.4 | 104.0 | 99.3 | 105.4 | 115.4 | 106.5 | 100.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2012 | 116.3 | 115.6 | 103.8 | 90.0 | 102.9 | 100.5 | 111.8 | 104.4 | 98.1 | 105.4 | 117.8 | 107.3 | 100.9 |
| JUNE | 116.7 | 116.2 | 106.4 | 90.5 | 103.1 | 100.4 | 114.0 | 103.6 | 98.6 | 105.4 | 114.5 | 107.7 | 101.4 |
| SEPTEMBER | 118.3 | 116.2 | 110.0 | 89.7 | 104.6 | 101.8 | 110.4 | 103.6 | 96.9 | 106.4 | 108.0 | 108.3 | 100.8 |
| DECEMBER | 119.0 | 131.6 | 110.6 | 91.5 | 104.3 | 101.9 | 114.2 | 104.0 | 96.4 | 106.4 | 110.1 | 110.6 | 102.5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE 2012 | 117.6 | 119.9 | 107.7 | 90.4 | 103.7 | 101.2 | 112.6 | 103.9 | 97.5 | 105.9 | 112.6 | 108.5 | 101.4 |
| 2013 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 120.1 | 131.8 | 112.5 | 89.4 | 110.2 | 102.1 | 113.1 | 104.0 | 96.6 | 106.4 | 116.9 | 110.8 | 102.3 |
| JUNE | 121.0 | 131.6 | 111.2 | 90.2 | 109.8 | 102.1 | 114.4 | 104.9 | 96.6 | 110.6 | 109.7 | 122.3 | 104.2 |
| SEPTEMBER | 121.9 | 131.5 | 114.5 | 88.4 | 110.0 | 102.4 | 115.3 | 104.8 | 96.8 | 113.0 | 116.1 | 119.2 | 103.7 |
| DECEMBER | 122.7 | 131.6 | 113.3 | 88.8 | 110.4 | 101.8 | 117.8 | 104.7 | 96.1 | 113.0 | 121.9 | 118.5 | 104.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE 2013 | 121.4 | 131.6 | 112.9 | 89.2 | 110.1 | 102.1 | 115.2 | 104.6 | 96.5 | 110.8 | 116.2 | 117.7 | 103.6 |
| 2014 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 123.1 | 131.7 | 111.3 | 87.9 | 117.6 | 102.0 | 117.3 | 104.7 | 98.4 | 113.0 | 130.5 | 119.3 | 104.7 |
| JUNE | 123.8 | 131.4 | 112.0 | 88.9 | 118.0 | 101.8 | 118.4 | 106.4 | 98.5 | 113.0 | 118.9 | 119.0 | 104.9 |
| SEPTEMBER | 124.4 | 131.9 | 112.3 | 89.6 | 118.6 | 101.9 | 118.3 | 106.2 | 98.4 | 113.0 | 116.9 | 118.8 | 105.2 |
| DECEMBER | 125.6 | 131.9 | 112.6 | 84.7 | 118.5 | 101.8 | 117.3 | 105.1 | 99.4 | 116.0 | 119.2 | 116.9 | 104.8 |
| ANNUAL AVERAGE 2014 | 124.2 | 131.7 | 112.0 | 87.8 | 118.2 | 101.9 | 117.8 | 105.6 | 98.7 | 113.8 | 121.4 | 118.5 | 104.9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \%CHANGE PREV YEAR | 2.4 | 0.2 | -0.6 | -4.6 | 7.3 | 0.0 | -0.4 | 0.4 | 3.4 | 2.7 | -2.2 | -1.3 | 0.6 |
| \%CHANGE PREV QTR | 1.0 | 0.0 | 0.3 | -5.4 | 0.0 | -0.1 | -0.8 | -1.1 | 1.0 | 2.7 | 2.0 | -1.6 | -0.3 |
| \%CHANGE ANNUAL AVERAGE | 2.4 | 0.1 | -0.7 | -1.6 | 7.4 | -0.2 | 2.3 | 0.9 | 2.2 | 2.7 | 4.5 | 0.7 | 1.3 |

## TABLE 5: AVERAGE PRICES OF SELECTED ITEMS Quarter Ending Dec 2014

| Item | Quantity | Average Prices (CI\$) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Dec-13 | Sept-14 | Dec-14 |
| Loaf - Harddough | 2 lb | 3.64 | 3.94 | 4.05 |
| Long Grain Rice | 5 lb | 2.49 | 2.46 | 2.46 |
| Cornflakes (original) | 24 oz | 5.39 | 5.16 | 5.16 |
| Stew Beef | per lb | 4.07 | 4.84 | 4.67 |
| Bacon | 12 oz | 5.22 | 6.66 | 6.66 |
| Snapper Fillets (frozen) | per lb | 9.71 | 9.47 | 8.86 |
| Canned Tuna in water | 6 oz | 1.76 | 1.80 | 1.79 |
| Eggs (Grade A Large) | 1 doz | 2.58 | 3.12 | 3.32 |
| Margarine -Shedds Spread | 45 oz | 5.94 | 5.79 | 5.79 |
| Fresh Milk (McArthur - Regular Vitamin D) | 1 gal | 6.42 | 6.72 | 6.72 |
| Evaporated milk (Nestle Carnation) | 14 oz | 1.59 | 1.69 | 1.46 |
| Vegetable Oil | 24 oz | 4.46 | 4.66 | 4.66 |
| Plantain | per lb | 0.99 | 1.01 | 1.19 |
| Potatoes - Irish | per lb | 1.01 | 1.09 | 0.98 |
| Lettuce - Iceburg | each | 2.36 | 2.30 | 2.65 |
| Sweet Potatoes | per lb | 2.63 | 2.67 | 2.51 |
| Tomatoes - Slicing | per lb | 3.12 | 2.68 | 3.20 |
| Bananas - Ripe | per lb | 0.87 | 0.93 | 0.90 |
| Apple - Golden Delicious | per lb | 2.56 | 2.47 | 2.80 |
| Grapes - Red Seedless | per lb | 3.38 | 4.02 | 3.94 |
| Tea (Lipton Decaffeinated) | 48 bags | 3.81 | 4.02 | 4.02 |
| Coffee - Instant -Classic Roast - Bottle | 8 oz | 6.72 | 6.86 | 6.86 |
| Soda | 12 oz | 0.78 | 0.78 | 0.78 |
| Sugar - Light Brown (Bag) | 2 lb | 2.09 | 2.09 | 2.10 |
| Corned Beef - regular | 340 g | 3.99 | 3.97 | 3.97 |
| lodized Salt | 26 oz | 0.91 | 0.92 | 1.06 |
| Petrol - Regular Full Service | per gal | 5.64 | 5.64 | 5.48 |
| Petrol - Premium Full Service | per gal | 5.75 | 5.77 | 5.61 |
| Diesel - Full Service | per gal | 5.76 | 5.71 | 5.61 |

## NOTES ON THE INDEX COMPILATION

## 1. Data collection

This report uses the 2008 CPI basket based on the results of the 2007 Survey of Living Conditions/Household Budget Survey (HBS) as updated in June 2008. The goods and services in the basket are classified into twelve (12) divisions using the United Nations' Classification of Individual Consumption According to Purpose (COICOP). In all, there are 1,393 items (7th-digit COICOP level) included in the basket collected from 147 providers/ outlets in Grand Cayman, classified as follows:
Number of Items in the 2008 CPI Basket
Division

| 1 | Food and non-alcoholic beverages | 47 |
| ---: | :--- | ---: |
| 2 | Alcoholic beverages and tobacco | 5 |
| 3 | Clothing and footwear | 13 |
| 4 | Housing, utilities and fuels | 6 |
| 5 | Furnishings, household <br> and routine household maintenance. | 19 |
| 6 | Healt | 4 |
| 7 | Transport | 7 |
| 8 | Communication | 4 |
| 9 | Recreation and Culture | 6 |
| 1 | Education | 1 |
| 1 | Restaurants and hotels | 13 |
| 1 | Miscellaneous goods and services | 9 |
| Total |  | 1,393 |

ESO also adopted new collection periods and price averaging methodologies in accordance with updated international standards and as advised by the Caribbean Technical Assistance Centre (CARTAC). Beginning in the fourth quarter of 2009, price data for all items are collected every second month of the quarter (whereas they were previously collected every third month). Prices of selected items that are vulnerable to monthly changes such as vegetables and fruits, fish and meat, and gas are now also collected on a monthly basis. Prices across outlets are averaged using the geometric mean formula to reduce the impact of extreme or outlier prices (please see below).

## 2. CPI formula

The CPI is computed using Lowe's formula. The Lowe indices is one of the widest and popular class of price indices which is obtained by defining the index as the percentage change, between the periods
compared, in the total cost of purchasing a given set of quantities, generally described as a "basket". ${ }^{1}$ The Lowe index, PLo , is defined as follows ${ }^{2:}$

$$
\mathrm{P}_{\mathrm{Lo}}=\sum_{i=1}^{n} p_{i}^{t} q_{i}^{\prime} \sum p_{i}^{0} q_{i}
$$

Where $\mathrm{n}=$ number of products in the basket with prices $\mathrm{p}_{\mathrm{i}}$ and quantities $\mathrm{q}_{\mathrm{i}}$
$0=$ base period
$t=$ later period being compared

## Geometric mean

The price $p=[p 1, p 2, \ldots, p n]$ for each item from different outlets is the average of prices of the outlets using geometric mean or the formula:
$\mathrm{p}=\left(\prod_{i=1}^{n} p_{i}\right)^{1 / \mathrm{n}}=\sqrt[n]{\mathrm{p}_{1}, \mathrm{p}_{2}, \ldots, \mathrm{p}_{\mathrm{n}}}$

Inflation: this refers to the percentage change in the Consumer Price Index from one period to another. Typically, this period would be a year or a quarter.

Annual Inflation Rate: the percentage change of the CPI in the quarter under review over the CPI of the same quarter a year ago. This is also known as year-on-year inflation rate.

Quarterly Inflation Rate: the percentage change of the CPI in the quarter under review over the immediate previous quarter. This is also known as quarter-on-quarter inflation rate.

[^0]
[^0]:    ${ }^{1}$ ILO (2004, p. 2). Consumer price index manual
    ${ }^{2}$ Ibid, p. 3

