The consumer price index (CPI) represents the overall level of prices of consumer goods and services generally purchased by households in the Cayman Islands. It increases or decreases in one quarter compared to the same quarter in the previous year. There are 2,227 goods and services from 203 providers surveyed by the ESO every quarter that are represented in the CPI. The first two pages of this Report present the highlights. The rest of the Report comprise of tables including the change in CPI indices from the current quarter compared to the previous quarter, and the technical notes on the compilation of the CPI.

- The CPI increased in the 2nd quarter of 2018 by $4.8 \%$ compared to the 2 nd quarter of 2017

Figure 1: Inflation Rates, June 2014 - June 2018
( \% Change in CPI of Current Quarter over Same Quarter a Year Ago)


- Among the 12 types of goods and services comprising the CPI, the highest overall increase was recorded in transport $(17.7 \%)$, followed by health, education, food, and housing and utilities.

Figure 2: Inflation Rates, June 2014 - June 2018 by Major Types of Goods and Services
( \% Change in CPI of Current Quarter over Same Quarter a Year Ago)


- Transport-related items increased by 17.7\%, mainly from:
$>$ Air fares which rose by $52.3 \%$
$>$ Fuel prices which increased by $8.6 \%$




Figure 6: \% Inflation Rates- Education
■Education all levels $\llbracket$ Pre Primary and Primary Education $\llbracket$ Secondary Education $\llbracket$ Tertiary Education


Table 1: Quarterly Consumer Price Index and Inflation Rates
September 2016 = 100

| Year | Quarter Ending | INDEX | Percentage change in CPI: |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3 months ago | 1 year ago |
| 2011 | March | 96.6 | 0.6 | 0.0 |
|  | June | 97.9 | 1.3 | 0.9 |
|  | September | 98.2 | 0.3 | 2.4 |
|  | December | 97.8 | -0.4 | 1.9 |
| 2012 | March | 98.3 | 0.5 | 1.8 |
|  | June | 98.8 | 0.5 | 0.9 |
|  | September | 98.2 | -0.6 | 0.00 |
|  | December | 99.8 | 1.6 | 2.0 |
| 2013 | March | 99.7 | -0.1 | 1.4 |
|  | June | 101.5 | 1.8 | 2.7 |
|  | September | 101.0 | -0.5 | 2.9 |
|  | December | 101.5 | 0.5 | 1.7 |
| 2014 | March | 102.0 | 0.5 | 2.3 |
|  | June | 102.2 | 0.2 | 0.7 |
|  | September | 102.4 | 0.2 | 1.4 |
|  | December | 102.1 | -0.3 | 0.6 |
| 2015 | March | 101.6 | -0.5 | -0.4 |
|  | June | 98.5 | -3.1 | -3.6 |
|  | September | 99.5 | 1.0 | -2.8 |
|  | December | 99.6 | 0.1 | -2.4 |
| 2016 | March | 98.8 | -0.8 | -2.8 |
|  | June | 97.7 | -1.1 | -0.8 |
|  | September | 100.0 | 2.4 | 0.5 |
|  | December | 100.0 | 0.0 | 0.4 |
| 2017 | March | 100.2 | 0.2 | 1.4 |
|  | June | 100.4 | 0.2 | 2.8 |
|  | September | 101.4 | 1.0 | 1.4 |
|  | December | 102.4 | 1.0 | 2.4 |
| 2018 | March | 103.5 | 1.0 | 3.2 |
|  | June | 105.2 | 2.7 | 4.8 |

[^0]Table 2: Annual Averages 2011 to 2017
(September $2016=100$ )

| YEAR | INDEX | Percentage change <br> from a year ago |
| :---: | :---: | :---: |
|  |  |  |
| 2011 | 97.6 | 1.3 |
| 2012 | 98.8 | 1.2 |
| 2013 | 100.9 | 2.2 |
| 2014 | 102.2 | 1.2 |
| 2015 | 99.8 | -2.3 |
| 2016 | 99.1 | -0.7 |
| $2017^{\text {R }}$ | 101.1 | 2.0 |

R:Revised

TABLE 3: CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - SECOND QUARTER 2018 (September 2016=100)

|  | Peptember | Percentage Change |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
|  |  |  |  |  |


|  | Index |  |  | Percentage Change |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Major Groups |  |  |  |  | 3 month |  |
|  | Weight | June 17 | Mar 17 | June 18 | ago | 1 year ago |

07 Transport 162.0
Purchase of Motor Vehicles
Spare Parts and Accessories for Personal Transport Equipment Fuels
Maintenance and Repair of Personal Transport Equipment
Other Services In Respect of Personal Transport Equipment
Passenger Transport by Road
Passenger Transport by Air
Other Purchased Transport Services
08 Communication
Telephone and Telefax Equipment
Telephone and Telefax Services
09 Recreation and Culture
Reception and Recording Equipment
Information Processing Equipment
Recording Media (Audio Visual, Media)
Major Durables for Outdoor Recreation
Games, Toys and Hobbies
Equipment for Sport, Camping and Open-Air Recreation
Gardens, Plants and Flowers
Pets and Related Products
Veterinary and Other Services For Pets
Recreation and Sporting Serivces
Cultural Services
Books
Newspapers and Periodicals
Package Holidays (Abroad)
10 Education
Pre Primary and Primary Education
Secondary Education
Tertiary Education
Education Not Definable by Level
11 Restaurants and Hotels
Restaurants, Cafes and the Like
Canteens at Educational Establishments Or Work
Accommodation Services (Local \& Abroad)
12 Miscellaneous Goods and Services
Hairdressing Salons and Personal Grooming Establishments
Other Appliances, Articles and Products for Personal Care
Jewellery and Watches
Other Personal Effects
Social Protection
Housing Contents Insurance
Health Insurance
Vehicle Insurance
Other Financial Services
Other Services Not Elsewhere Classified

| 162.0 | 99.3 | 108.9 | 116.9 | 7.4 | 17.7 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 35.8 | 101.1 | 96.7 | 101.4 | 4.9 | 0.3 |
| 4.8 | 106.5 | 107.0 | 106.6 | -0.3 | 0.1 |
| 43.4 | 102.3 | 106.1 | 111.1 | 4.7 | 8.6 |
| 12.9 | 109.2 | 112.0 | 124.0 | 10.8 | 13.6 |
| 11.9 | 94.9 | 97.8 | 95.0 | -2.8 | 0.1 |
| 3.0 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
| 46.8 | 92.4 | 123.8 | 140.8 | 13.7 | 52.3 |
| 3.4 | 104.0 | 105.2 | 105.2 | 0.0 | 1.1 |
| 39.1 | 102.2 | 101.2 | 103.9 | 2.6 | 1.6 |
| 3.4 | 100.1 | 115.1 | 115.1 | 0.0 | 15.0 |
| 35.7 | 102.4 | 99.9 | 102.8 | 2.9 | 0.4 |
| 59.2 | 100.4 | 98.3 | 100.2 | 1.9 | -0.2 |
| 2.3 | 96.1 | 89.2 | 84.3 | -5.4 | -12.2 |
| 1.9 | 103.2 | 103.9 | 103.9 | 0.0 | 0.7 |
| 0.5 | 100.9 | 99.7 | 101.7 | 2.0 | 0.8 |
| 2.8 | 102.2 | 97.4 | 100.4 | 3.0 | -1.8 |
| 1.3 | 97.6 | 94.6 | 94.7 | 0.1 | -3.0 |
| 1.5 | 102.2 | 107.8 | 107.8 | 0.0 | 5.5 |
| 1.3 | 99.6 | 99.6 | 99.6 | 0.0 | 0.0 |
| 3.1 | 100.0 | 100.7 | 100.7 | 0.0 | 0.7 |
| 3.8 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
| 8.9 | 98.9 | 99.3 | 99.3 | 0.0 | 0.4 |
| 17.2 | 100.3 | 99.9 | 99.9 | 0.1 | -0.3 |
| 1.3 | 100.9 | 99.7 | 99.6 | -0.1 | -1.2 |
| 1.3 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
| 12.2 | 101.8 | 93.9 | 103.1 | 9.8 | 1.3 |
| 38.2 | 100.0 | 104.1 | 104.1 | 0.0 | 4.1 |
| 18.1 | 100.0 | 105.6 | 105.6 | 0.0 | 5.6 |
| 10.5 | 100.0 | 105.1 | 105.1 | 0.0 | 5.1 |
| 7.1 | 100.1 | 100.4 | 100.4 | 0.0 | 0.3 |
| 2.5 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
| 83.5 | 99.3 | 99.3 | 98.9 | -0.4 | -0.4 |
| 64.3 | 99.5 | 99.5 | 99.5 | 0.0 | -0.1 |
| 8.8 | 100.0 | 100.7 | 100.7 | 0.0 | 0.7 |
| 10.3 | 97.3 | 97.1 | 94.1 | -3.1 | -3.3 |
| 98.2 | 100.0 | 100.7 | 100.8 | 0.1 | 0.9 |
| 12.8 | 99.9 | 101.1 | 101.6 | 0.4 | 1.7 |
| 15.6 | 98.9 | 100.1 | 100.3 | 0.1 | 1.3 |
| 2.3 | 114.8 | 113.9 | 113.9 | 0.0 | -0.8 |
| 1.9 | 98.9 | 114.0 | 114.0 | 0.0 | 15.2 |
| 5.6 | 100.0 | 102.7 | 102.7 | 0.0 | 2.7 |
| 3.1 | 100.0 | 102.9 | 104.8 | 1.9 | 4.8 |
| 33.6 | 100.0 | 100.1 | 100.1 | 0.0 | 0.0 |
| 11.7 | 98.4 | 97.1 | 97.1 | 0.0 | -1.3 |
| 7.8 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
| 3.9 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |

TABLE 4: CONSUMER PRICE INDEX, AVERAGES BY MAJOR GROUPS

| PERIOD / DIVISION | Food \& Nonalcoholic beverages | Alcoholic Beverages \& Tobacco | Clothing \& Footwear | Housing and Utilities | Household Furnishings \& Equipment | Health | Transport | Communication | $\begin{gathered} \text { Recreation \& } \\ \text { Culture } \end{gathered}$ | Education | Restaurants \& Hotels | Miscellaneous Goods \& Services | ALL ITEMS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WEIGHT | 66.1 | 22.3 | 33.3 | 334.5 | 42.7 | 20.9 | 162.0 | 39.1 | 59.2 | 38.2 | 83.5 | 98.2 | 1000 |
| 2014 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 97.1 | 98.8 | 95.6 | 107.0 | 99.9 | 100.4 | 105.6 | 95.0 | 95.8 | 93.8 | 104.3 | 101.4 | 102.0 |
| JUNE | 97.7 | 98.6 | 96.2 | 108.3 | 100.3 | 100.3 | 106.5 | 96.5 | 95.8 | 93.8 | 95.0 | 101.1 | 102.2 |
| SEPTEMBER | 98.1 | 99.0 | 96.5 | 109.1 | 100.7 | 100.3 | 106.4 | 96.4 | 95.8 | 93.8 | 93.4 | 101.0 | 102.4 |
| DECEMBER | 99.1 | 99.0 | 96.8 | 108.3 | 100.7 | 100.2 | 105.8 | 95.3 | 96.7 | 96.3 | 95.2 | 99.4 | 102.1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE 2014 | 98.0 | 98.8 | 96.2 | 108.2 | 100.4 | 100.3 | 106.1 | 95.8 | 96.0 | 94.4 | 97.0 | 100.7 | 102.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2015 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 99.9 | 99.1 | 97.3 | 105.9 | 100.7 | 100.8 | 105.5 | 97.3 | 97.6 | 96.3 | 95.8 | 99.0 | 101.6 |
| JUNE | 98.8 | 99.4 | 98.8 | 98.1 | 100.5 | 100.5 | 98.3 | 99.4 | 97.6 | 98.0 | 93.7 | 99.5 | 98.5 |
| SEPTEMBER | 99.7 | 99.5 | 100.2 | 99.5 | 100.5 | 100.6 | 100.8 | 99.5 | 97.5 | 98.8 | 93.8 | 100.2 | 99.5 |
| DECEMBER | 99.9 | 99.6 | 100.2 | 99.1 | 100.5 | 100.5 | 98.9 | 99.5 | 97.1 | 98.8 | 99.0 | 100.9 | 99.6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE 2015 | 99.6 | 99.4 | 99.1 | 100.7 | 100.6 | 100.6 | 100.9 | 98.9 | 97.4 | 98.0 | 95.6 | 99.9 | 99.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2016 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 100.2 | 99.7 | 99.2 | 96.5 | 100.3 | 100.7 | 98.4 | 99.5 | 97.0 | 98.8 | 95.8 | 102.8 | 98.8 |
| JUNE | 98.7 | 99.7 | 99.3 | 95.2 | 100.5 | 100.7 | 98.4 | 99.5 | 99.5 | 98.8 | 92.7 | 99.8 | 97.7 |
| SEPTEMBER | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| DECEMBER | 99.8 | 100.5 | 100.7 | 100.2 | 100.3 | 100.3 | 100.1 | 100.0 | 98.5 | 100.0 | 99.5 | 100.0 | 100.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE 2016 | 99.7 | 100.0 | 99.8 | 98.0 | 100.3 | 100.4 | 99.2 | 99.8 | 98.7 | 99.4 | 97.0 | 100.6 | 99.1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 99.7 | 101.7 | 101.5 | 100.2 | 102.6 | 99.8 | 101.3 | 100.0 | 97.9 | 100.0 | 99.1 | 99.7 | 100.2 |
| JUNE | 100.6 | 103.3 | 101.9 | 100.4 | 102.7 | 101.5 | 99.3 | 102.2 | 100.4 | 100.0 | 99.3 | 100.0 | 100.4 |
| SEPTEMBER | 100.8 | 103.3 | 103.6 | 100.1 | 103.5 | 104.7 | 105.0 | 100.3 | 100.5 | 100.9 | 99.5 | 100.1 | 101.4 |
| DECEMBER | 101.1 | 102.8 | 101.2 | 100.2 | 106.1 | 105.4 | 110.8 | 101.3 | 98.5 | 103.5 | 98.9 | 100.7 | 102.4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE 2017 | 100.6 | 102.8 | 102.0 | 100.2 | 103.7 | 102.8 | 104.1 | 100.9 | 99.3 | 101.1 | 99.2 | 100.1 | 101.1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 104.5 | 102.7 | 102.2 | 103.3 | 106.4 | 105.3 | 108.9 | 101.2 | 98.3 | 104.1 | 99.3 | 100.7 | 103.5 |
| JUNE | 104.8 | 102.9 | 101.6 | 104.0 | 105.8 | 105.8 | 116.9 | 103.9 | 100.2 | 104.1 | 98.9 | 100.8 | 105.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \% CHANGE OVER PREV YEAR | 4.1 | -0.3 | -0.3 | 3.6 | 3.0 | 4.3 | 17.7 | 1.6 | -0.2 | 4.1 | -0.4 | 0.9 | 4.8 |
| \% CHANGE OVER PREV QTR | 0.3 | 0.2 | -0.6 | 0.7 | -0.6 | 0.5 | 7.4 | 2.6 | 1.9 | 0.0 | -0.4 | 0.1 | 1.7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANNUAL AVERAGE \% CHANGE 2015 | 1.6 | 0.6 | 3.0 | -6.9 | 0.2 | 0.3 | -4.8 | 3.3 | 1.5 | 3.8 | -1.5 | -0.8 | -2.3 |
| ANNUAL AVERAGE \% CHANGE 2016 | 0.1 | 0.6 | 0.7 | -2.7 | -0.3 | -0.1 | -1.7 | 0.8 | 1.3 | 1.5 | 1.5 | 0.7 | -0.7 |
| ANNUAL AVERAGE \% CHANGE 2017 | 0.9 | 2.8 | 2.2 | 2.3 | 3.4 | 2.4 | 4.9 | 1.2 | 0.6 | 1.7 | 2.2 | -0.5 | 2.0 |

## TABLE 5: Average Prices of Selected Items

 Quarter Ending June 2018| Item | Quantity | Average Prices |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Jun 17 | Mar 18 | Jun 18 |
| Sliced Brown Bread | 20 oz | 2.69 | 2.86 | 2.89 |
| Enriched Parboiled Long Grain Rice | 5 lb | 7.52 | 9.62 | 9.62 |
| Cornflakes (original) | 24 oz | 5.39 | 5.46 | 5.46 |
| Stew Beef | per lb | 5.40 | 4.94 | 5.36 |
| Corned Beef - regular | 340 g | 4.19 | 4.49 | 4.49 |
| Salmon Steaks - Fresh | per lb | 12.02 | 12.49 | 12.82 |
| Canned Tuna in water | 5 oz | 1.67 | 1.66 | 1.66 |
| Eggs (Grade A Extra Large) | 1 doz | 2.12 | 3.42 | 3.44 |
| Butter - Salted | 227 g | 3.76 | 4.26 | 4.29 |
| Condensed Milk | 395 g | 1.99 | 1.99 | 2.02 |
| Vegetable Oil | 48 oz | 6.39 | 5.96 | 5.96 |
| Plantain | per lb | 1.11 | 1.27 | 1.03 |
| Potatoes - Irish | 5 lb bag | 3.75 | 3.78 | 3.87 |
| Lettuce - Iceberg | each | 2.31 | 2.09 | 2.42 |
| Sweet Potatoes | per lb | 2.76 | 3.21 | 3.18 |
| Tomatoes - Slicing | per lb | 3.16 | 3.12 | 3.05 |
| Bananas - Ripe | per lb | 1.04 | 1.04 | 1.05 |
| Apple - Red Delicious | per lb | 1.73 | 2.16 | 2.13 |
| Grapes - Red Seedless | per lb | 4.28 | 4.24 | 3.97 |
| Tea-100\% Natural | 100 bags | 5.68 | 5.68 | 5.68 |
| Coffee - Instant -Classic Roast - Bottle | 7 oz | 8.12 | 8.12 | 8.66 |
| Soda | 20 oz | 1.11 | 1.24 | 1.24 |
| Cane Sugar | 4 lb | 2.66 | 2.59 | 2.08 |
| lodized Salt | 26 oz | 1.06 | 1.06 | 1.16 |
| Petrol-Regular Full Service | per gal | 4.27 | 4.44 | 4.65 |
| Petrol - Premium Full Service | per gal | 4.50 | 4.65 | 4.87 |
| Diesel - Full Service | per gal | 4.17 | 4.24 | 4.42 |

## Table 6: Core Consumer Price Index

 and Inflation Rates*September $2016=100$

| Period | INDEX | Percentage change <br> 1 year ago |
| :--- | ---: | ---: |
| Dec-16 | 100.1 |  |
| Dec-17 | 102.7 | 0.1 |
|  |  | 2.5 |

*CPI Inflation excluding food, gas piped and electricity, fuel oil and other household fuels, and motor fuels.

## NOTES ON THE INDEX COMPILATION

## 1. Data collection

This report uses the 2016 CPI basket based on the results of the 2015 Household Budget Survey (HBS) as updated between August 2016 and August 2017. 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 2,227 items (7thdigit COICOP level) included in the basket collected from 203 providers/outlets in Grand Cayman, compared to 2008 when there were 1,647 items collected from 147 providers/outlets. The items are classified as follows:

Summary Table: Number of Items and Weights for the CPI Baskets of 2008 and 2016

|  | 2008 |  | 2016 |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Number of <br> Items | Weights | Number of <br> Items | Weights |
| Total | $\mathbf{1 , 6 4 7}$ | $\mathbf{1 , 0 0 0}$ | $\mathbf{2 , 2 2 7}$ | $\mathbf{1 , 0 0 0}$ |
| 01. Food \& Non Alcoholic Beverage | 540 | 79.6 | 551 | 66.1 |
| 02. Alcohol and Tobacco | 66 | 6.5 | 153 | 22.3 |
| 03. Clothing and Footwear | 153 | 34.3 | 273 | 33.3 |
| 04. Housing and Utilities | 59 | 394.4 | 153 | 334.5 |
| 05. Household Equipment | 212 | 56.4 | 316 | 42.7 |
| 06. Health | 111 | 24.2 | 124 | 20.9 |
| 07. Transport | 107 | 96.1 | 198 | 162.0 |
| 08. Communication | 62 | 69.7 | 40 | 39.1 |
| 09. Recreation and Culture | 75 | 40.5 | 94 | 59.2 |
| 10. Education | 18 | 27.9 | 46 | 38.2 |
| 11. Restaurants and Hotels | 57 | 40.2 | 103 | 83.5 |
| 12. Miscellaneous Goods and Services | 187 | 130.2 | 176 | 98.2 |

All price indices for goods and services purchased abroad were taken from price indices published by the US Bureau of Labour Statistics.

ESO collection periods and price averaging methodologies follow updated international standards, in particular the Consumer Price Index Manual: Theory and Practice (August 2004) published by the International Labour Organization (ILO). Prices of selected items are collected every second month of the quarter. Vulnerable items which change monthly, such as vegetables and fruits, fish and meat, and gas are 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 follows²:

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

Where $n=$ number of products in the basket with prices $p_{i}$ and quantities $q_{i}$
$0=$ base period
$\mathrm{t}=$ 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.

[^1]
[^0]:    * The CPI series from 2011 to June 2016 were re-based to September 2016.

[^1]:    ${ }^{1}$ ILO by2004, p. 2). Consumer price index manual
    ${ }^{2}$ Ibid , p. 3

