## The Inflation Rate for June 2021 over June 2020 was $0.2 \%$

In the second quarter of 2021, the CPI was 111.7 , higher by 0.2 percent compared to the second quarter of 2020. Ten of the twelve divisions recorded higher price indices.

Figure 1: Inflation Rates, June 2017 - June 2021
(\% Change in CPI of Current Quarter over Same Quarter a Year Ago)


Figure 2: Inflation Rates, June 2020-June 2021 by Major Types of Goods and Services (\% Change in CPI of Current Quarter over Same Quarter a Year Ago)


The $\mathbf{0 . 2}$ percent increase in the second quarter CPI is mainly traced to the following divisions:

- Miscellaneous Goods and Services: this division's price index showed a 4.9 percent increase compared to a year ago. The average prices for other financial services rose by 30.3 percent. Vehicle insurance and social protection, respectively, went up by 12.3 percent and 9.6 percent. The average costs for health insurance also increased by 5.5 percent.
- Education: this division's price index increased by 3.7 percent. The average cost for pre-primary and primary education increased by 8.3 percent and secondary education by 3.8 percent. However, the prices for education not definable by level decreased by 12.1 percent and tertiary education by 3.7 percent.
- Communication: this division showed a 3.4 percent increase as the cost of telephone and telefax services rose by 3.6 percent compared to the same period in 2020. The average prices for telephone and telefax equipment also rose, but by 1.5 percent.
- Food and Non-alcoholic Beverages: the division showed a 3.0 percent increase as the average prices of fruits rose by 10.3 percent while meat and meat products and milk, cheese, and eggs rose by 9.4 percent and 6.3 percent, respectively when compared to the same period in 2020. The average prices for vegetables increased by 2.2 percent. Sugar, sugar confectionery and snacks went up by 1.7 percent. Mineral waters, soft drinks, fruit, and vegetable juices inched upward by 0.3 percent.




Figure 6: Food and Non-Alcohoilc Beverages


Health: there was a 2.8 percent rise in the index for this division, traced mainly to the uptrend for pharmaceutical products, which moved up by 8.4 percent. However, there were declines in the cost of other medicinal products and therapeutic appliances and equipment as they recorded a 2.9 percent and a 0.4 percent fall, respectively.

- Household Furnishings and Equipment: this division's price index increased by 2.5 percent. The average cost for small electric household appliances moved up by 26.2 percent, household textiles by 16.4 percent, furniture and furnishings by 6.8 percent, and small tools and miscellaneous accessories went up by 6.1 percent. Major household appliances rose by 5.3 percent and nondurable household goods by 3.3 percent.
- Restaurants and Hotels: the index for this division recorded a 1.9 percent incline due to a 5.9 percent price increase for the meals obtained from canteens at educational establishments or work. Accommodation services offered both locally and abroad had a 4.9 percent rise in costs. Meals from restaurants, cafes, and the like also rose, but by 0.9 percent.
- Clothing and Footwear: the division showed a 1.2 percent increase as the cost of footwear and clothing purchased locally rose by 3.2 percent and 1.6 percent, respectively, compared to the same period in 2020. The average prices for footwear purchased abroad also increased by 1.6 percent. However, the index for clothing purchased abroad fell by 0.4 percent.



Figure 9: Restaurants and Hotels

$\square$ Restaurants, Cafes, and The Like
$\square$ Canteens At Educational Establishments
$\square$ Restaurants and hotels

- Accommodation Services (Local and Abroad)

- Alcoholic Beverages and Tobacco: there was a 0.9 percent increase in the index for this division as the average prices for spirits and alcoholic cordials rose by 2.5 percent and wine rose by 1.4 percent, respectively. The cost of beer also went up by 0.5 percent. However, the average price for tobacco fell by 0.4 percent.
- Transport: the index for this division had a 0.8 percent increase due to a significant rise in the average cost of other services regarding personal transport equipment (20.4\%) while the cost of fuels increased by 13.1 percent. The index for the maintenance and repair of personal transport equipment rose by 4.2 percent. The index for other purchased transport services increased by 4.0 percent.

Figure 11: Alcoholic Beverages and Tobacco



There were decreases in the index for two divisions; namely, housing, water, electricity, gas, and other fuels and recreation and culture, that moderated the impact of the increases. Notably, the weight for the housing division is the largest in the 'basket' of consumer goods and services.

Quarterly changes: June 2021 compared to March 2021
The CPI rose by 1.3 percent compared to the first quarter of 2021, with the following divisions recording increases in their indices:

- Transport: the index moved up to record a 4.2 percent inflation rate. The most notable price increases were other services in respect of personal transport equipment (14.3\%), fuels ( $13.4 \%$ ), and maintenance and repair of personal transport equipment up by 5.0 percent. There were price increases in the index for the passenger transport by road (2.0\%), and the purchase of motor vehicles of 1.3 percent. These increases were moderated by declines in the index for passenger transport by air down by 2.2 percent, and a 0.1 percent downward movement in spare parts and accessories for personal transport equipment.
- Education: A 2.6 percent increase in the index for this division, was traced mainly to the 3.4 percent increase in the index for secondary education, pre-primary and primary education also went up but by 2.8 percent. Tertiary education rose by 1.4 percent. However, the index for education not definable by level was unchanged.
- Furnishings, Household Equipment, and Routine Household Maintenance: the division's index recorded a 2.1 percent decline in this division's index traced mainly to household textiles, which had a 21.6 percent increase and furniture and furnishings up by 4.4 percent. Increases were also recorded in the index for non-durable household goods up by 1.8 percent and small electric household appliances up by 1.5 percent.
- Housing, Water, Electricity, Gas, and Other Fuels: the $\mathbf{1 . 4}$ percent increase in the index for this division, traced mainly to the 11.9 percent rise in electricity and a 6.1 percent in the cost of water supply. There was also a 1.5 percent increase in materials for the maintenance and repair of the dwelling. Actual rentals paid by tenants rose by 1.3 percent. In comparison, gas (LPG/propane) also increased but by 1.2 percent.
- Communication: the index moved up significantly by 1.1 percent for the quarter. Prices of telephone and telefax services rose by 1.9 percent. However, telephone and telefax equipment declined by 6.1 percent.
- Food \& Non-Alcoholic Beverages: an increase of 0.9 percent was recorded for this division's price index. There was a 6.7 percent rise in the cost of milk, cheese, and eggs, a 5.1 percent increase for meat and meat products, average prices for fish and seafood rose by 0.9 percent, and a 0.8 percent incline for fruits.
- Alcoholic Beverages and Tobacco: there was a 0.7 percent upward movement in the index for this division. The average prices for spirits and alcoholic cordials rose by 1.4 , tobacco by 1.1 percent, and wine by 0.9 , respectively. However, the average price for beer was stable over the period.
- Health: there was a 0.1 percent increase in the index for this division, traced mainly to a 0.2 percent rise in the index for pharmaceutical products. The index for the remaining groups that make up this division recorded no movements.
- Restaurants and Hotels: this index posted a 0.1 percent increase. This movement was mainly the result of a 7.0 percent incline in the index for canteens at educational establishments or work. Accommodation services both locally and abroad rose by 0.2 percent. However, restaurants, cafes, and the like showed an average price decline of 0.8 percent.

The price index for Miscellaneous Goods and Services was stable for the second quarter relative to the first quarter of 2021. However, there was a 0.2 percent decline in the index for Clothing and Footwear.

CONSUMER PRICE INDEX REPORT: APRIL TO JUNE 2021

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 |
| 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 | 104.2 | 0.7 | 3.8 |
|  | September | 104.9 | 0.6 | 3.4 |
|  | December | 104.2 | -0.7 | 1.7 |
| 2019 | March | 108.1 | 3.8 | 4.5 |
|  | June | 109.2 | 1.0 | 3.8 |
|  | September | 111.3 | 1.9 | 6.0 |
|  | December | 112.9 | 1.4 | 8.4 |
| 2020 | March | 111.3 | -1.4 | 3.0 |
|  | June | 111.6 | 0.2 | 2.1 |
|  | September | 110.9 | -0.6 | -0.4 |
|  | December | 112.2 | 1.2 | -0.7 |
| 2021 | March | 110.3 | -1.7 | -1.0 |
|  | June | 111.7 | 1.3 | 0.2 |
| * The CPI series from 2013 to June 2016 were re-based to September 2016. <br> ${ }^{+}$Revised |  |  |  |  |

Table 2: Annual Averages 2000 to 2020
(September 2016 = 100)

| YEAR | INDEX | Percentage change <br> from a year ago |
| :---: | :---: | :---: |
|  |  |  |
| 2000 | 77.3 | 3.2 |
| 2001 | 78.2 | 1.2 |
| 2002 | 80.2 | 2.5 |
| 2003 | 80.6 | 0.5 |
| 2004 | 84.2 | 4.5 |
| 2005 | 90.4 | 7.3 |
| 2006 | 91.0 | 0.7 |
| 2007 | 93.7 | 2.9 |
| 2008 | 97.6 | 4.1 |
| 2009 | 96.1 | -1.5 |
| 2010 | 96.4 | 0.3 |
| 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 | 101.1 | 2.0 |
| 2018 * $^{*}$ | 104.2 | 3.0 |
| $2019{ }^{*}$ | 110.4 | 6.0 |
| 2020 * | 111.5 | 1.0 |
|  |  |  |

* Revised

CONSUMER PRICE INDEX REPORT: APRIL TO JUNE 2021

TABLE 3: CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - SECOND QUARTER 2021

|  | Major Groups | Index |  |  |  | Percentage Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Weight | Jun 20 | Mar 21 | Jun 21 | 3 months | 1 year ago |
|  |  |  |  |  |  | ago |  |
|  | Overall | 1,000.0 | 111.6 | 110.3 | 111.7 | 1.3 | 0.2 |
| 01 | Food and non-alcoholic beverages | 66.1 | 112.7 | 115.0 | 116.1 | 0.9 | 3.0 |
|  | Bread and Cereals | 8.6 | 110.7 | 111.0 | 110.3 | -0.6 | -0.4 |
|  | Meat \& Meat Products | 8.9 | 105.9 | 110.2 | 115.9 | 5.1 | 9.4 |
|  | Fish and Seafood | 3.0 | 123.0 | 119.9 | 120.9 | 0.9 | -1.7 |
|  | Milk, Cheese and Eggs | 7.2 | 122.4 | 121.9 | 130.1 | 6.7 | 6.3 |
|  | Oils and Fats | 1.7 | 136.1 | 125.6 | 125.6 | 0.0 | -7.7 |
|  | Fruits | 6.7 | 119.6 | 130.9 | 131.9 | 0.8 | 10.3 |
|  | Vegetables | 8.4 | 112.3 | 118.1 | 114.8 | -2.9 | 2.2 |
|  | Sugar, Sugar Confectionary and Snacks | 3.1 | 102.5 | 103.5 | 104.3 | 0.7 | 1.7 |
|  | Other Food Products (Not Elsewhere Specified) | 4.3 | 106.4 | 108.1 | 106.5 | -1.4 | 0.1 |
|  | Tea, Coffee and Cocoa | 1.4 | 110.2 | 110.5 | 108.4 | -1.9 | -1.6 |
|  | Mineral Waters, Soft Drinks, Fruit and Vegetable Juices | 12.9 | 109.4 | 110.0 | 109.7 | -0.3 | 0.3 |
| 02 | Alcoholic beverages and tobacco | 22.3 | 105.9 | 106.1 | 106.8 | 0.7 | 0.9 |
|  | Spirits and Alcoholic Cordials | 3.2 | 103.4 | 104.7 | 106.1 | 1.4 | 2.5 |
|  | Wine | 6.7 | 107.3 | 107.8 | 108.8 | 0.9 | 1.4 |
|  | Beer | 8.5 | 105.2 | 105.7 | 105.7 | 0.0 | 0.5 |
|  | Tobacco | 3.9 | 106.9 | 105.2 | 106.4 | 1.1 | -0.4 |
| 03 | Clothing \& Footwear | 33.3 | 110.3 | 111.7 | 111.5 | -0.2 | 1.2 |
|  | Clothing purchased locally | 14.4 | 119.2 | 122.5 | 121.1 | -1.1 | 1.6 |
|  | Footwear purchased locally | 3.9 | 104.0 | 108.5 | 107.4 | -1.1 | 3.2 |
|  | Clothing purchased abroad | 11.9 | 102.9 | 101.4 | 102.5 | 1.1 | -0.4 |
|  | Footwear purchased abroad | 3.0 | 104.9 | 105.3 | 106.6 | 1.2 | 1.6 |
| 04 | Housing, water, electricity, gas and other fuels | 334.5 | 116.8 | 111.2 | 112.8 | 1.4 | -3.5 |
|  | Actual Rentals paid by Tenants | 85.7 | 127.5 | 122.3 | 123.9 | 1.3 | -2.8 |
|  | Imputed Rentals for Owner Occupiers | 170.3 | 116.1 | 110.8 | 108.4 | -2.2 | -6.7 |
|  | Materials for the Maintenance and Repair of the Dwelling | 2.5 | 102.2 | 107.9 | 109.5 | 1.5 | 7.2 |
|  | Services for the Maintenance and Repair of the Dwelling | 1.1 | 111.3 | 111.3 | 111.3 | 0.0 | 0.0 |
|  | Water Supply | 18.7 | 92.5 | 86.0 | 91.3 | 6.1 | -1.3 |
|  | Electricity | 54.7 | 112.2 | 104.6 | 117.0 | 11.9 | 4.3 |
|  | Gas (LPG/Propane) | 1.5 | 99.6 | 96.4 | 97.5 | 1.2 | -2.2 |
| 05 | Furnishings, household equipment and routine household maintenance | 42.7 | 110.1 | 110.5 | 112.8 | 2.1 | 2.5 |
|  | Furniture and Furnishings | 8.7 | 111.9 | 114.4 | 119.5 | 4.4 | 6.8 |
|  | Household Textiles | 2.2 | 96.3 | 92.2 | 112.1 | 21.6 | 16.4 |
|  | Major Household Appliances | 4.6 | 106.4 | 113.7 | 112.0 | -1.5 | 5.3 |
|  | Small Electric Household Appliances | 1.0 | 105.6 | 131.3 | 133.3 | 1.5 | 26.2 |
|  | Repair of Household Appliances | 2.2 | 126.1 | 126.3 | 126.3 | 0.0 | 0.2 |
|  | Glassware, Tableware and Household Utensils | 1.8 | 119.7 | 115.8 | 112.8 | -2.6 | -5.8 |
|  | Small Tools and Miscellaneous Accessories | 1.6 | 126.3 | 135.0 | 134.1 | -0.7 | 6.1 |
|  | Non-Durable Household Goods | 11.9 | 113.6 | 115.3 | 117.3 | 1.8 | 3.3 |
|  | Employed Staff (Paid Staff Privately Employed) | 8.6 | 100.0 | 90.8 | 90.8 | 0.0 | -9.2 |
| 06 | Health | 20.9 | 109.7 | 112.7 | 112.8 | 0.1 | 2.8 |
|  | Pharmaceutical Products | 6.1 | 131.0 | 141.7 | 142.0 | 0.2 | 8.4 |
|  | Other Medicinal Products | 0.6 | 113.3 | 110.0 | 110.0 | 0.0 | -2.9 |
|  | Therapeutic Appliances and Equipment | 2.1 | 100.3 | 99.9 | 99.9 | 0.0 | -0.4 |
|  | Medical Services | 5.2 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
|  | Dental Services | 1.7 | 101.6 | 101.6 | 101.6 | 0.0 | 0.0 |
|  | Paramedical Services | 1.0 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
|  | Hospital Services | 4.2 | 100.7 | 100.7 | 100.7 | 0.0 | 0.0 |

CONSUMER PRICE INDEX REPORT: APRIL TO JUNE 2021

|  | Major Groups |  | Index |  |  | Percentage Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Weight | Jun 20 | Mar 21 | Jun 21 | 3 months |  |
|  |  |  |  |  |  | ago | 1 year ago |
| 07 | Transport | 162.0 | 115.4 | 111.6 | 116.3 | 4.2 | 0.8 |
|  | Purchase of Motor Vehicles | 35.8 | 122.4 | 119.2 | 120.7 | 1.3 | -1.4 |
|  | Spare Parts and Accessories for Personal Transport Equipment | 4.8 | 110.7 | 110.2 | 110.1 | -0.1 | -0.5 |
|  | Fuels | 43.4 | 96.9 | 96.6 | 109.6 | 13.4 | 13.1 |
|  | Maintenance and Repair of Personal Transport Equipment | 12.9 | 133.2 | 132.3 | 138.9 | 5.0 | 4.2 |
|  | Other Services In Respect of Personal Transport Equipment | 11.9 | 91.7 | 96.6 | 110.4 | 14.3 | 20.4 |
|  | Passenger Transport by Road | 3.0 | 104.3 | 94.8 | 96.7 | 2.0 | -7.3 |
|  | Passenger Transport by Air | 46.8 | 129.8 | 118.9 | 116.3 | -2.2 | -10.4 |
|  | Other Purchased Transport Services | 3.4 | 110.8 | 115.1 | 115.2 | 0.1 | 4.0 |
| 08 | Communication | 39.1 | 115.3 | 118.0 | 119.3 | 1.1 | 3.4 |
|  | Telephone and Telefax Equipment | 3.4 | 134.7 | 145.5 | 136.7 | -6.1 | 1.5 |
|  | Telephone and Telefax Services | 35.7 | 113.5 | 115.4 | 117.6 | 1.9 | 3.6 |
| 09 | Recreation and Culture | 59.2 | 103.2 | 105.1 | 102.8 | -2.2 | -0.4 |
|  | Reception and Recording Equipment | 2.3 | 86.6 | 71.1 | 72.4 | 1.9 | -16.4 |
|  | Information Processing Equipment | 1.9 | 141.6 | 146.3 | 135.2 | -7.6 | -4.6 |
|  | Recording Media (Audio Visual, Media) | 0.5 | 109.6 | 113.3 | 113.8 | 0.4 | 3.8 |
|  | Major Durables for Outdoor Recreation | 2.8 | 103.6 | 108.3 | 106.7 | -1.5 | 3.0 |
|  | Games, Toys and Hobbies | 1.3 | 113.8 | 112.9 | 112.8 | 0.0 | -0.8 |
|  | Equipment for Sport, Camping and Open-Air Recreation | 1.5 | 100.3 | 107.0 | 102.5 | -4.2 | 2.3 |
|  | Gardens, Plants and Flowers | 1.3 | 102.0 | 111.6 | 110.4 | -1.1 | 8.3 |
|  | Pets and Related Products | 3.1 | 114.7 | 112.6 | 112.6 | 0.0 | -1.8 |
|  | Veterinary and Other Services For Pets | 3.8 | 87.3 | 90.3 | 90.4 | 0.2 | 3.6 |
|  | Recreation and Sporting Serivces | 8.9 | 152.2 | 158.5 | 139.8 | -11.8 | -8.1 |
|  | Cultural Services | 17.2 | 96.1 | 95.4 | 95.5 | 0.1 | -0.6 |
|  | Books | 1.3 | 76.5 | 76.4 | 76.4 | 0.0 | -0.2 |
|  | Newspapers and Periodicals | 1.3 | 141.7 | 141.7 | 141.7 | 0.0 | 0.0 |
|  | Package Holidays (Abroad) | 12.2 | 74.7 | 79.2 | 83.8 | 5.7 | 12.2 |
| 10 | Education | 38.2 | 112.9 | 114.1 | 117.1 | 2.6 | 3.7 |
|  | Pre Primary and Primary Education | 18.1 | 115.4 | 121.6 | 125.0 | 2.8 | 8.3 |
|  | Secondary Education | 10.5 | 113.1 | 113.6 | 117.5 | 3.4 | 3.8 |
|  | Tertiary Education | 7.1 | 110.7 | 105.1 | 106.6 | 1.4 | -3.7 |
|  | Education Not Definable by Level | 2.5 | 100.4 | 88.3 | 88.3 | 0.0 | -12.1 |
| 11 | Restaurants and Hotels | 83.5 | 100.8 | 102.6 | 102.6 | 0.1 | 1.9 |
|  | Restaurants, Cafes and the Like | 64.3 | 103.2 | 105.0 | 104.1 | -0.8 | 0.9 |
|  | Canteens at Educational Establishments Or Work | 8.8 | 99.1 | 98.0 | 104.9 | 7.0 | 5.9 |
|  | Accommodation Services (Local \& Abroad) | 10.3 | 87.2 | 91.3 | 91.4 | 0.2 | 4.9 |
| 12 | Miscellaneous Goods and Services | 98.2 | 101.4 | 106.4 | 106.4 | 0.0 | 4.9 |
|  | Hairdressing Salons and Personal Grooming Establishments | 12.8 | 109.5 | 101.5 | 106.7 | 5.2 | -2.5 |
|  | Other Appliances, Articles and Products for Personal Care | 15.6 | 105.6 | 105.3 | 104.5 | -0.8 | -1.1 |
|  | Jewellery and Watches | 2.3 | 121.1 | 122.4 | 120.2 | -1.8 | -0.7 |
|  | Other Personal Effects | 1.9 | 106.7 | 91.5 | 97.4 | 6.5 | -8.7 |
|  | Social Protection | 5.6 | 104.2 | 115.6 | 114.2 | -1.2 | 9.6 |
|  | Housing Contents Insurance | 3.1 | 103.6 | 97.3 | 95.4 | -1.9 | -7.9 |
|  | Health Insurance | 33.6 | 99.7 | 105.2 | 105.2 | 0.0 | 5.5 |
|  | Vehicle Insurance | 11.7 | 82.5 | 96.5 | 92.7 | -4.0 | 12.3 |
|  | Other Financial Services | 7.8 | 96.3 | 125.4 | 125.4 | 0.0 | 30.3 |
|  | Other Services Not Elsewhere Classified | 3.9 | 120.0 | 120.7 | 120.7 | 0.0 | 0.6 |

TABLE 4: CONSUMER PRICE INDEX, AVERAGES BY MAJOR GROUPS (SEPTEMBER 2016=100)

| PERIOD / DIVISION | Food \& Nonalcoholic beverages | Alcoholic Beverages \& Tobacco | Clothing \& Footwear | Housing and Utilities | Household Furnishings \& Equipment | Health | Transport | Communication | Recreation \& Culture | 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 |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUNE | 104.9 | 100.5 | 101.4 | 104.0 | 100.5 | 101.9 | 116.8 | 99.2 | 94.2 | 104.5 | 98.3 | 100.8 | 104.2 |
| SEPTEMBER | 105.1 | 103.1 | 101.9 | 105.6 | 105.9 | 105.8 | 111.0 | 103.9 | 100.9 | 104.3 | 98.9 | 100.9 | 104.9 |
| DECEMBER | 105.7 | 101.9 | 102.0 | 103.2 | 106.5 | 107.6 | 111.4 | 103.4 | 101.0 | 104.3 | 98.9 | 100.9 | 104.2 |
| ANNUAL AVERAGE 2018 | 105.0 | 102.0 | 101.9 | 104.0 | 104.8 | 105.2 | 112.0 | 101.9 | 98.6 | 104.3 | 98.8 | 100.8 | 104.2 |
| 2019 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 105.9 | 103.7 | 103.2 | 114.8 | 108.5 | 106.3 | 107.2 | 109.0 | 102.3 | 107.8 | 101.2 | 100.4 | 108.1 |
| JUNE | 106.3 | 106.2 | 106.0 | 114.9 | 109.3 | 106.3 | 109.0 | 110.2 | 111.7 | 107.8 | 100.7 | 100.6 | 109.2 |
| SEPTEMBER | 107.7 | 106.2 | 108.1 | 116.8 | 107.7 | 107.0 | 117.1 | 109.9 | 108.3 | 109.0 | 101.8 | 101.7 | 111.3 |
| DECEMBER | 109.0 | 105.3 | 107.7 | 115.7 | 109.0 | 106.9 | 127.6 | 109.9 | 106.2 | 113.0 | 102.5 | 102.6 | 112.9 |
| ANNUAL AVERAGE 2019 | 107.2 | 105.3 | 106.2 | 115.5 | 108.7 | 106.6 | 115.2 | 109.7 | 107.1 | 109.4 | 101.6 | 101.3 | 110.4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2020 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH | 110.0 | 105.2 | 109.6 | 117.2 | 109.6 | 107.9 | 113.6 | 115.0 | 106.1 | 112.9 | 101.5 | 101.3 | 111.3 |
| JUNE | 112.7 | 105.9 | 110.3 | 118.2 | 110.1 | 109.7 | 115.4 | 115.3 | 103.2 | 112.9 | 100.8 | 101.4 | 111.6 |
| SEPTEMBER | 113.5 | 107.1 | 111.2 | 113.5 | 110.3 | 109.4 | 116.5 | 117.2 | 102.2 | 114.5 | 101.2 | 101.5 | 110.9 |
| DECEMBER | 114.4 | 106.3 | 110.5 | 118.0 | 111.4 | 109.3 | 111.7 | 117.3 | 103.2 | 115.7 | 101.3 | 105.9 | 112.2 |
| ANNUAL AVERAGE 2020 | 112.6 | 106.1 | 110.4 | 116.7 | 110.3 | 109.1 | 114.3 | 116.2 | 103.7 | 114.0 | 101.2 | 102.6 | 111.5 |
| 2021 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUNE | 116.1 | 106.8 | 111.5 | 112.8 | 112.8 | 112.8 | 116.3 | 119.3 | 102.8 | 117.1 | 102.6 | 106.4 | 111.7 |
| \% CHANGE OVER PREV YEAR | 3.0 | 0.9 | 1.2 | -4.6 | 2.5 | 2.8 | 0.8 | 3.4 | -0.4 | 3.7 | 1.9 | 4.9 | 0.2 |
| \% CHANGE OVER PREV QTR | 0.9 | 0.7 | -0.2 | 1.4 | 2.1 | 0.1 | 4.2 | 1.1 | -2.2 | 2.6 | 0.1 | 0.0 | 1.3 |

## TABLE 5: Average Prices of Selected Items

## Quarter Ending March 2021

| Item | Quantity | Average Prices |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Mar 20 | Dec 20 | Mar 21 |
| Sliced Brown Bread | 20 oz | 2.89 | 2.88 | 2.87 |
| Enriched Parboiled Long Grain Rice | 5 lb | 9.96 | 9.66 | 9.96 |
| Cornflakes (original) | 24 oz | 6.79 | 6.79 | 6.79 |
| Stew Beef | per lb | 5.74 | 6.28 | 6.32 |
| Corned Beef - regular | 340 g | 4.89 | 4.56 | 4.56 |
| Salmon Steaks - Fresh | per lb | 12.43 | 12.69 | 12.13 |
| Canned Tuna in water | 5 oz | 1.74 | 1.79 | 1.76 |
| Eggs (Grade A Extra Large) | 1 doz | 3.13 | 3.16 | 3.77 |
| Butter - Salted | 227 g | 5.62 | 6.59 | 5.96 |
| Condensed Milk | 395 g | 2.02 | 2.02 | 2.29 |
| Vegetable Oil | 48 oz | 6.09 | 6.06 | 6.26 |
| Plantain | per lb | 1.41 | 1.47 | 1.48 |
| Potatoes - Irish | 5 lb bag | 4.36 | 4.44 | 4.45 |
| Lettuce - Iceberg | each | 2.94 | 3.38 | 3.05 |
| Sweet Potatoes | per lb | 3.51 | 2.94 | 3.92 |
| Tomatoes - Slicing | per lb | 3.97 | 3.53 | 3.33 |
| Bananas - Ripe | per lb | 1.01 | 1.05 | 1.17 |
| Apple - Red Delicious | per lb | 2.10 | 2.57 | 2.35 |
| Grapes - Red Seedless | per lb | 4.55 | 4.42 | 4.34 |
| Tea-100\% Natural | 100 bags | 7.82 | 7.66 | 7.72 |
| Coffee - Instant -Classic Roast - Bottle | 7 oz | 8.12 | 8.12 | 8.12 |
| Soda | 20 oz | 1.24 | 1.24 | 1.24 |
| Cane Sugar | 4 lb | 2.52 | 2.49 | 2.69 |
| lodized Salt | 26 oz | 1.22 | 1.26 | 1.26 |
| Petrol - Regular Full Service | per gal | 4.63 | 3.96 | 3.98 |
| Petrol - Premium Full Service | per gal | 4.92 | 4.29 | 4.30 |
| Diesel - Full Service | per gal | 4.49 | 3.77 | 3.89 |

Table 6: Annual 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 |
| Dec-18 | 103.1 | 2.5 |
| Dec-19 | 112.9 | 0.4 |
| Dec-20 | 113.3 | 9.5 |
|  |  | 0.3 |

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

Table 7: Quarterly Core Consumer Price Index and Inflation Rates
September 2016 = 100

| Year | Quarter Ending | INDEX | Percentage change in CPI: |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3 months ago | 1 year ago |
| 2016 | September | 100.0 | - | - |
|  | December | 100.1 | 0.1 | - |
| 2017 | March | 100.4 | 0.2 | - |
|  | June | 100.3 | -0.1 | - |
|  | September | 101.6 | 1.3 | 1.6 |
|  | December | 102.7 | 1.1 | 2.5 |
| 2018 | March | 102.5 | -0.2 | 2.1 |
|  | June | 102.7 | 0.2 | 2.4 |
|  | September | 102.8 | 0.0 | 1.2 |
|  | December | 103.1 | 0.3 | 0.4 |
| 2019 | March | 107.5 | 4.3 | 4.8 |
|  | June | 109.1 | 1.5 | 6.2 |
|  | September | 110.6 | 1.4 | 7.7 |
|  | December | 112.9 | 2.0 | 9.5 |
| 2020 | March | 111.3 | -1.4 | 3.5 |
|  | June | 112.2 | 0.9 | 2.9 |
|  | September | 112.5 | 0.3 | 1.7 |
|  | December | 113.3 | 0.7 | 0.3 |
| 2021 | March | 111.0 | -2.0 | -0.2 |
|  | June | 111.3 | 0.3 | -0.8 |

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TABLE 8: CORE CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - SECOND QUARTER 2021

|  | Major Groups | Index |  |  |  | Percentage Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Weight | Jun 20 | Mar 21 | Jun 21 |  |  |
|  |  |  |  |  |  | ago | 1 year ago |
|  | Overall | 834.3 | 112.2 | 111.0 | 111.3 | 0.3 | -0.8 |
| 01 | Food and non-alcoholic beverages | - | - | - | - | - | - |
|  | Bread and Cereals | - | - | - | - | - | - |
|  | Meat \& Meat Products | - | - | - | - | - | - |
|  | Fish and Seafood | - | - | - | - | - | - |
|  | Milk, Cheese and Eggs | - | - | - | - | - | - |
|  | Oils and Fats | - | - | - | - | - | - |
|  | Fruits | - | - | - | - | - | - |
|  | Vegetables | - | - | - | - | - | - |
|  | Sugar, Sugar Confectionary and Snacks | - | - | - | - | - | - |
|  | Other Food Products (Not Elsewhere Specified) | - | - | - | - | - | - |
|  | Tea, Coffee and Cocoa | - | - | - | - | - | - |
|  | Mineral Waters, Soft Drinks, Fruit and Vegetable Juices | - | - | - | - | - | - |
| 02 | Alcoholic beverages and tobacco | 22.3 | 105.9 | 106.1 | 106.8 | 0.7 | 0.9 |
|  | Spirits and Alcoholic Cordials | 3.2 | 103.4 | 104.7 | 106.1 | 1.4 | 2.5 |
|  | Wine | 6.7 | 107.3 | 107.8 | 108.8 | 0.9 | 1.4 |
|  | Beer | 8.5 | 105.2 | 105.7 | 105.7 | 0.0 | 0.5 |
|  | Tobacco | 3.9 | 106.9 | 105.2 | 106.4 | 1.1 | -0.4 |
| 03 | Clothing \& Footwear | 33.3 | 110.3 | 111.7 | 111.5 | -0.2 | 1.2 |
|  | Clothing | 14.4 | 119.2 | 122.5 | 121.1 | -1.1 | 1.6 |
|  | Footwear | 3.9 | 104.0 | 108.5 | 107.4 | -1.1 | 3.2 |
|  | Clothing purchased abroad | 11.9 | 102.9 | 101.4 | 102.5 | 1.1 | -0.4 |
|  | Footwear purchased abroad | 3.0 | 104.9 | 105.3 | 106.6 | 1.2 | 1.6 |
| 04 | Housing, water, electricity, gas and other fuels | 278.3 | 117.9 | 112.6 | 112.0 | -0.5 | -5.0 |
|  | Actual Rentals paid by Tenants | 85.7 | 127.5 | 122.3 | 123.9 | 1.3 | -2.8 |
|  | Imputed Rentals for Owner Occupiers | 170.3 | 116.1 | 110.8 | 108.4 | -2.2 | -6.7 |
|  | Materials for the Maintenance and Repair of the Dwelling | 2.5 | 102.2 | 107.9 | 109.5 | 1.5 | 7.2 |
|  | Services for the Maintenance and Repair of the Dwelling | 1.1 | 111.3 | 111.3 | 111.3 | 0.0 | 0.0 |
|  | Water Supply | 18.7 | 92.5 | 86.0 | 91.3 | 6.1 | -1.3 |
|  | Electricity | - | - | - | - | - | - |
|  | Gas (LPG/Propane) | - | - | - | - | - | - |
| 05 | Furnishings, household equipment and routine household maintenance | 42.7 | 110.1 | 110.5 | 112.8 | 2.1 | 2.5 |
|  | Furniture and Furnishings | 8.7 | 111.9 | 114.4 | 119.5 | 4.4 | 6.8 |
|  | Household Textiles | 2.2 | 96.3 | 92.2 | 112.1 | 21.6 | 16.4 |
|  | Major Household Appliances | 4.6 | 106.4 | 113.7 | 112.0 | -1.5 | 5.3 |
|  | Small Electric Household Appliances | 1.0 | 105.6 | 131.3 | 133.3 | 1.5 | 26.2 |
|  | Repair of Household Appliances | 2.2 | 126.1 | 126.3 | 126.3 | 0.0 | 0.2 |
|  | Glassware, Tableware and Household Utensils | 1.8 | 119.7 | 115.8 | 112.8 | -2.6 | -5.8 |
|  | Small Tools and Miscellaneous Accessories | 1.6 | 126.3 | 135.0 | 134.1 | -0.7 | 6.1 |
|  | Non-Durable Household Goods | 11.9 | 113.6 | 115.3 | 117.3 | 1.8 | 3.3 |
|  | Employed Staff (Paid Staff Privately Employed) | 8.6 | 100.0 | 90.8 | 90.8 | 0.0 | -9.2 |
| 06 | Health | 20.9 | 109.7 | 112.7 | 112.8 | 0.1 | 2.8 |
|  | Pharmaceutical Products | 6.1 | 131.0 | 141.7 | 142.0 | 0.2 | 8.4 |
|  | Other Medicinal Products | 0.6 | 113.3 | 110.0 | 110.0 | 0.0 | -2.9 |
|  | Therapeutic Appliances and Equipment | 2.1 | 100.3 | 99.9 | 99.9 | 0.0 | -0.4 |
|  | Medical Services | 5.2 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
|  | Dental Services | 1.7 | 101.6 | 101.6 | 101.6 | 0.0 | 0.0 |
|  | Paramedical Services | 1.0 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 |
|  | Hospital Services | 4.2 | 100.7 | 100.7 | 100.7 | 0.0 | 0.0 |


|  | Major Groups | Percentage Change |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Weight | Jun 20 | Mar 21 | Jun 21 | 3 months |  |
|  |  |  |  |  |  | ago | 1 year ago |
| 07 | Transport | 118.6 | 122.2 | 117.2 | 119.7 | 2.2 | -2.0 |
|  | Purchase of Motor Vehicles | 35.8 | 122.4 | 119.2 | 120.7 | 1.3 | -1.4 |
|  | Spare Parts and Accessories for Personal Transport Equipment | 4.8 | 110.7 | 110.2 | 110.1 | -0.1 | -0.5 |
|  | Fuels | - | - | - | 1.0 | - | - |
|  | Maintenance and Repair of Personal Transport Equipment | 12.9 | 133.2 | 132.3 | 138.9 | 5.0 | 4.2 |
|  | Other Services In Respect of Personal Transport Equipment | 11.9 | 91.7 | 96.6 | 110.4 | 14.3 | 20.4 |
|  | Passenger Transport by Road | 3.0 | 104.3 | 94.8 | 96.7 | 2.0 | -7.3 |
|  | Passenger Transport by Air | 46.8 | 129.8 | 118.9 | 116.3 | -2.2 | -10.4 |
|  | Other Purchased Transport Services | 3.4 | 110.8 | 115.1 | 115.2 | 0.1 | 4.0 |
| 08 | Communication | 39.1 | 115.3 | 118.0 | 119.3 | 1.1 | 3.4 |
|  | Telephone and Telefax Equipment | 3.4 | 134.7 | 145.5 | 136.7 | -6.1 | 1.5 |
|  | Telephone and Telefax Services | 35.7 | 113.5 | 115.4 | 117.6 | 1.9 | 3.6 |
| 09 | Recreation and Culture | 59.2 | 103.2 | 105.1 | 102.8 | -2.2 | -0.4 |
|  | Reception and Recording Equipment | 2.3 | 86.6 | 71.1 | 72.4 | 1.9 | -16.4 |
|  | Information Processing Equipment | 1.9 | 141.6 | 146.3 | 135.2 | -7.6 | -4.6 |
|  | Recording Media (Audio Visual, Media) | 0.5 | 109.6 | 113.3 | 113.8 | 0.4 | 3.8 |
|  | Major Durables for Outdoor Recreation | 2.8 | 103.6 | 108.3 | 106.7 | -1.5 | 3.0 |
|  | Games, Toys and Hobbies | 1.3 | 113.8 | 112.9 | 112.8 | 0.0 | -0.8 |
|  | Equipment for Sport, Camping and Open-Air Recreation | 1.5 | 100.3 | 107.0 | 102.5 | -4.2 | 2.3 |
|  | Gardens, Plants and Flowers | 1.3 | 102.0 | 111.6 | 110.4 | -1.1 | 8.3 |
|  | Pets and Related Products | 3.1 | 114.7 | 112.6 | 112.6 | 0.0 | -1.8 |
|  | Veterinary and Other Services For Pets | 3.8 | 87.3 | 90.3 | 90.4 | 0.2 | 3.6 |
|  | Recreation and Sporting Serivces | 8.9 | 152.2 | 158.5 | 139.8 | -11.8 | -8.1 |
|  | Cultural Services | 17.2 | 96.1 | 95.4 | 95.5 | 0.1 | -0.6 |
|  | Books | 1.3 | 76.5 | 76.4 | 76.4 | 0.0 | -0.2 |
|  | Newspapers and Periodicals | 1.3 | 141.7 | 141.7 | 141.7 | 0.0 | 0.0 |
|  | Package Holidays (Abroad) | 12.2 | 74.7 | 79.2 | 83.8 | 5.7 | 12.2 |
| 10 | Education | 38.2 | 112.9 | 114.1 | 117.1 | 2.6 | 3.7 |
|  | Pre Primary and Primary Education | 18.1 | 115.4 | 121.6 | 125.0 | 2.8 | 8.3 |
|  | Secondary Education | 10.5 | 113.1 | 113.6 | 117.5 | 3.4 | 3.8 |
|  | Tertiary Education | 7.1 | 110.7 | 105.1 | 106.6 | 1.4 | -3.7 |
|  | Education Not Definable by Level | 2.5 | 100.4 | 88.3 | 88.3 | 0.0 | -12.1 |
| 11 | Restaurants and Hotels | 83.5 | 100.8 | 102.6 | 102.6 | 0.1 | 1.9 |
|  | Restaurants, Cafes and the Like | 64.3 | 103.2 | 105.0 | 104.1 | -0.8 | 0.9 |
|  | Canteens at Educational Establishments Or Work | 8.8 | 99.1 | 98.0 | 104.9 | 7.0 | 5.9 |
|  | Accommodation Services (Local \& Abroad) | 10.3 | 87.2 | 91.3 | 91.4 | 0.2 | 4.9 |
| 12 | Miscellaneous Goods and Services | 98.2 | 101.4 | 106.4 | 106.4 | 0.0 | 4.9 |
|  | Hairdressing Salons and Personal Grooming Establishments | 12.8 | 109.5 | 101.5 | 106.7 | 5.2 | -2.5 |
|  | Other Appliances, Articles and Products for Personal Care | 15.6 | 105.6 | 105.3 | 104.5 | -0.8 | -1.1 |
|  | Jewellery and Watches | 2.3 | 121.1 | 122.4 | 120.2 | -1.8 | -0.7 |
|  | Other Personal Effects | 1.9 | 106.7 | 91.5 | 97.4 | 6.5 | -8.7 |
|  | Social Protection | 5.6 | 104.2 | 115.6 | 114.2 | -1.2 | 9.6 |
|  | Housing Contents Insurance | 3.1 | 103.6 | 97.3 | 95.4 | -1.9 | -7.9 |
|  | Health Insurance | 33.6 | 99.7 | 105.2 | 105.2 | 0.0 | 5.5 |
|  | Vehicle Insurance | 11.7 | 82.5 | 96.5 | 92.7 | -4.0 | 12.3 |
|  | Other Financial Services | 7.8 | 96.3 | 125.4 | 125.4 | 0.0 | 30.3 |
|  | Other Services Not Elsewhere Classified | 3.9 | 120.0 | 120.7 | 120.7 | 0.0 | 0.6 |

## NOTES ON THE INDEX COMPILATION

## 1. CPI Revision

The report includes revision in the CPI estimate as follow:

## Revised Indices March 2021

|  | Quarter <br> Ending |  | INDEX |  |
| :---: | :---: | :---: | :---: | :---: |
| Year |  |  |  |  |
| 2020 | December |  | 112.2 | 112.2 |
|  |  | All items | 105.7 | 105.9 |
|  |  | Miscellaneous good and services | 123.2 | 125.4 |

## 2. 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 (7th-digit COICOP level) included in the basket collected from 203 providers/outlets in Grand Cayman, compared to 2008 when there were $\mathbf{1 , 6 4 7}$ 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).

## 3. 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 ${ }^{2}$ :

[^0]$\mathrm{P}_{\mathrm{Lo}}=\sum_{i=1}^{n} p_{i}^{t} q_{i}^{\prime} \sum p_{i}^{0} q_{i}$
Where $\mathrm{n}=$ number of products in the basket with prices $\mathrm{p}_{\mathrm{i}}$ and quantities $\mathrm{q}_{\mathrm{i}}$
$0=$ base period
$\mathrm{t}=$ later period being compared

## Geometric mean

The price $\mathrm{p}=[\mathrm{p} 1, \mathrm{p} 2, \ldots, \mathrm{pn}]$ 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]:    ${ }^{1}$ ILO by2004, p. 2). Consumer price index manual
    ${ }^{2}$ Ibid , p. 3

