



THE CAYMAN ISLANDS' CONSUMER PRICE INDEX REPORT: JULY TO SEPTEMBER 2019

Date of Publication: November 14, 2019

The Rate of Inflation for September 2019 over September 2018 was 6.0%

In the third quarter of 2019, the CPI was **111.2**, higher by **6.0** percent when compared to the third quarter of 2018, with all 12 divisions recording higher price indices.

Figure 1: Inflation Rates, September 2015 – September 2019
(% Change in CPI of Current Quarter over Same Quarter a Year Ago)

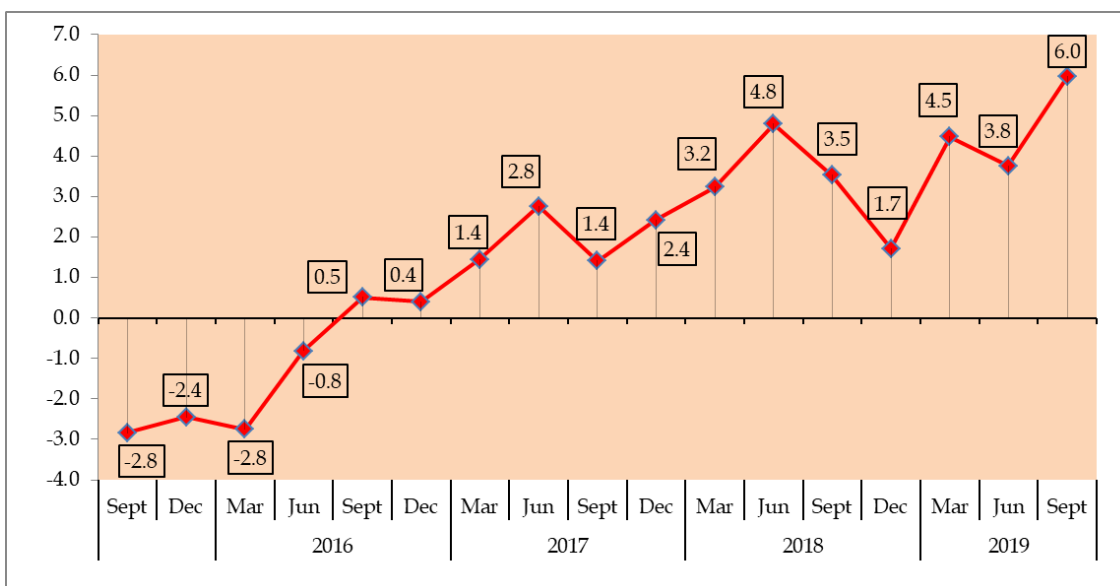
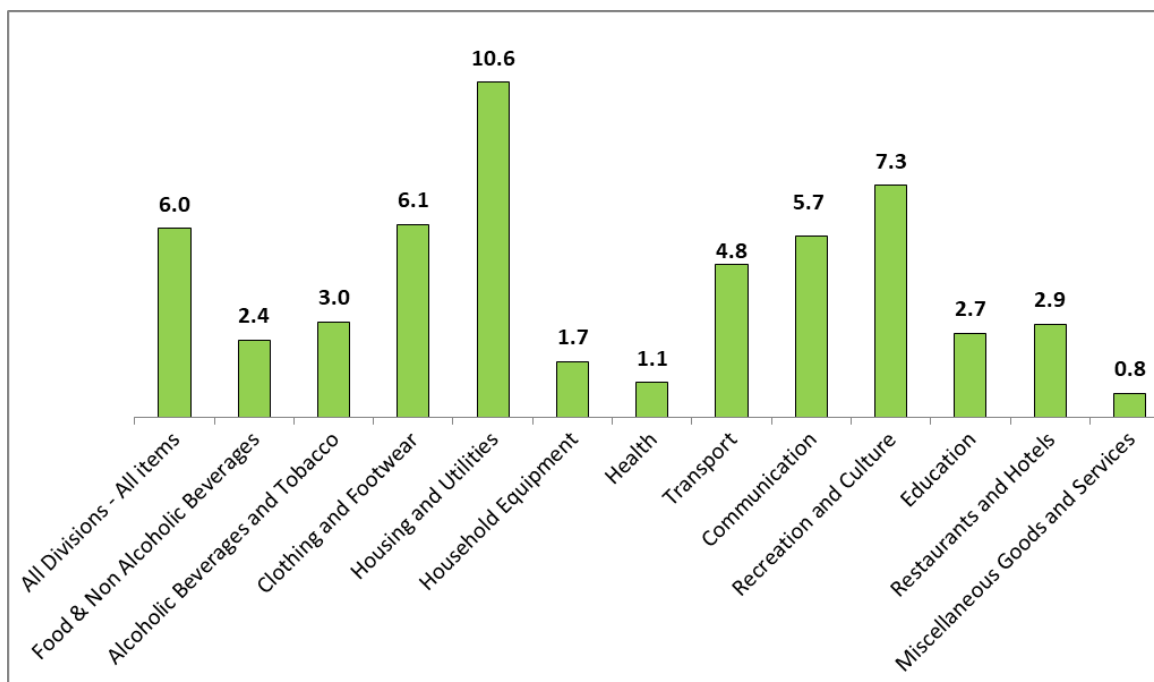


Figure 2: Inflation Rates, September 2018 – September 2019 by Major Types of Goods and Services
(% Change in CPI of Current Quarter over Same Quarter a Year Ago)



The rise in the second quarter CPI is traced to the following divisions:

- Housing and Utilities:** this price index went up by 10.6 percent. There was a significant movement of 19.7 percent in the average prices of *actual rentals paid by tenants* and *imputed rentals for owner-occupiers* of 12.9 percent. The price index for *services for the maintenance and repair of the dwelling* also rose by 8.4 percent.
- Transport:** the index for the division had an increase of 4.8 percent due to a significant rise in the average cost of *passenger transport by air* (16.4%) and *spare parts and accessories for personal transport equipment* (10.9%). The index for the purchase of motor vehicles inched up by 1.7 percent. However, the cost of *other purchased transport services* recorded a decrease of 7.3 percent.
- Clothing and Footwear:** this price index was 6.1 percent higher when compared to the price index in the same quarter a year ago. The average prices for *locally purchased clothing and footwear* rose by 10.7 percent and 9.1 percent, respectively. *Footwear and clothing purchased abroad* rose by 3.0 percent and 0.3 percent, respectively.
- Communication:** the index for this division moved up by 5.7 percent due to an increase in the average cost of *telephone and telefax services* (8.2%), while *telephone and telefax equipment* declined by 17.2 percent on average.

Figure 1: Housing and Utilities

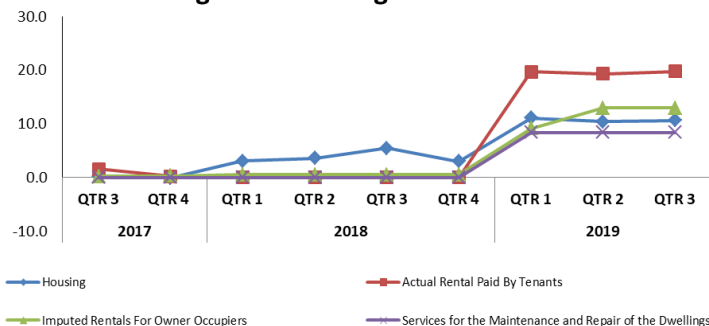


Figure 2: Transport

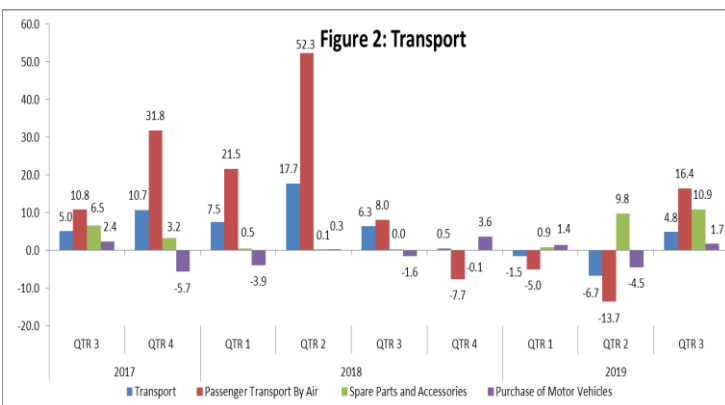


Figure 3: Clothing and Footwear

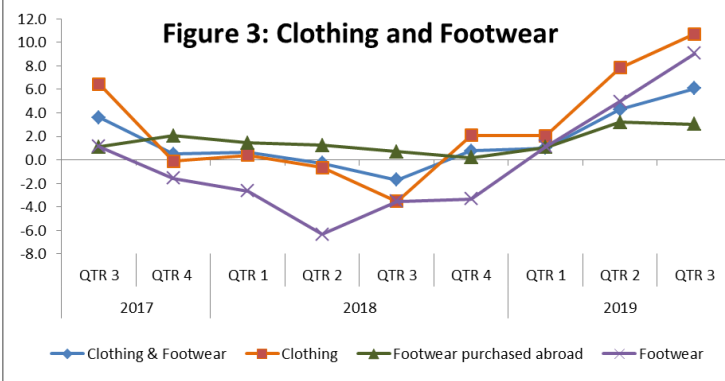
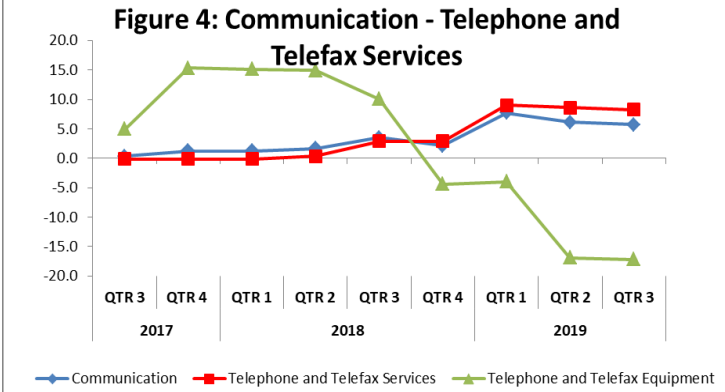
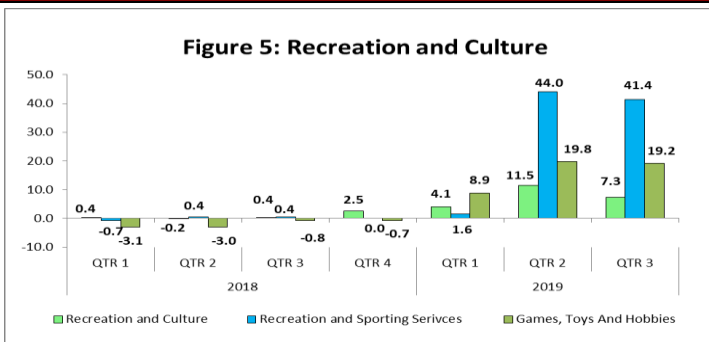


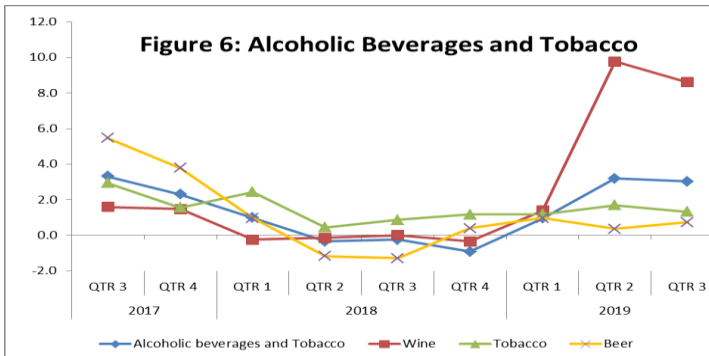
Figure 4: Communication - Telephone and Telefax Services



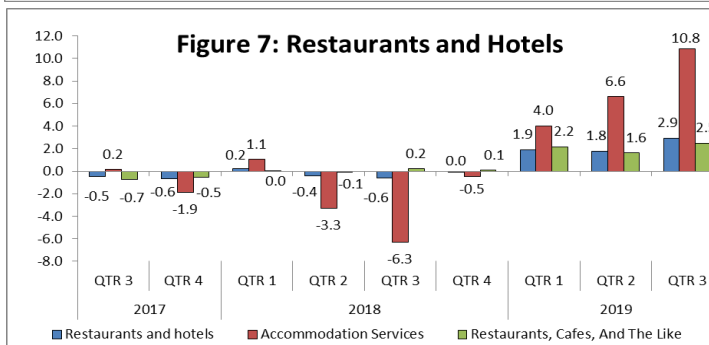
- Recreation and Culture:** the price index for this division moved up by 7.3 percent largely due to an increase in *recreation and sporting services* (41.4 percent) and the average cost of items used for *games, toys, and hobbies* (19.2%), while prices for *pets and related products* rose by 12.1 percent on average.



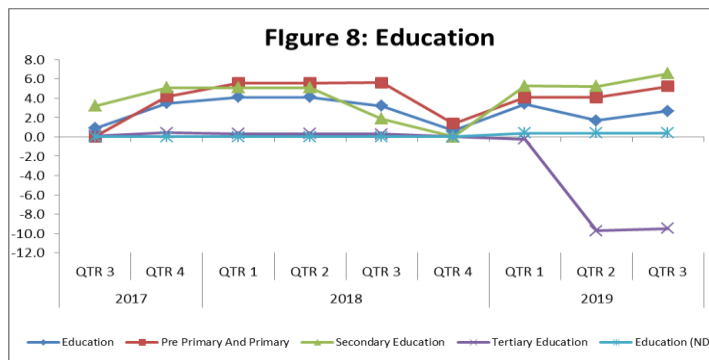
- Alcoholic Beverages and Tobacco:** this division's price index increased by 3.0 percent. The average cost for *wine* moved up by 8.6 percent, *tobacco* by 1.3 percent, and *beer* by 0.7 percent. However, the index for *spirits and alcoholic cordials* declined by 0.2 percent.



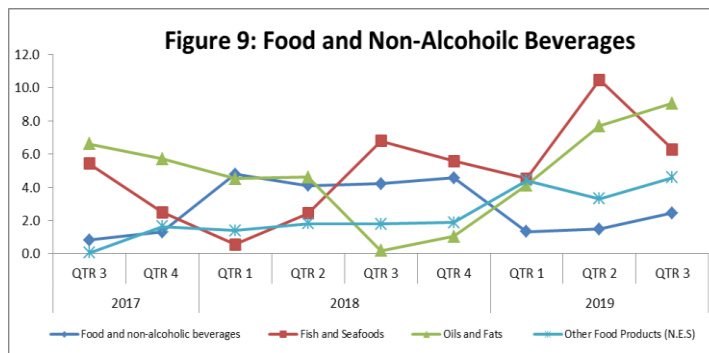
- Restaurants and Hotels:** there was a 2.9 percent rise in the index for this division, traced mainly to the upward movement observed for *accommodation services (local & abroad)* of 10.8 percent and *restaurants, cafes and the like* rising by 2.5 percent.



- Education:** this division showed a 2.7 percent increase as the fees for *pre-primary and primary education* rose by 5.2 percent compared to the same period in 2018. The average prices for *secondary education* also rose by 6.6 percent. However, there was a 9.5 percent decline in the index for *tertiary education*.



- Food and Non-Alcoholic Beverages:** division showed a 2.4 percent increase as the cost of *oils and fats* rose by 9.1 percent and *fish and seafood* by 6.3 percent when compared to the price index in the same quarter in 2018. The average prices for *other food products (not elsewhere specified)* rose by 4.6 percent.



- Furnishings, household equipment, and routine household maintenance:** there was a 1.7 percent upward movement in this price index compared to a year ago. The price of *small tools and miscellaneous accessories* rose by 18.1 percent, the *repair of household appliances* by 6.6 percent, and *small electrical household appliances* by 5.2 percent.
- Health:** this division's price index increased by 1.1 percent. The average cost for *therapeutic appliances and equipment* moved up by 2.9 percent and *pharmaceutical products* by 2.6 percent. The prices for *other medicinal products* declined by 0.8 percent.
- Miscellaneous Goods and Services:** the index for this division recorded a 0.8 percent increase as a result of increased prices for *other services not elsewhere classified* such as legal services (16.7%), *hairdressing salons and personal grooming establishments* (4.0%), *other appliances, articles, and products for personal care* (3.7%), *jewellery and watches* (3.3%), and *social protection* (2.6%). However, there were significantly reduced prices for *personal effects* of 14.2 percent.

Figure 10: Household Furnishings and Equipment

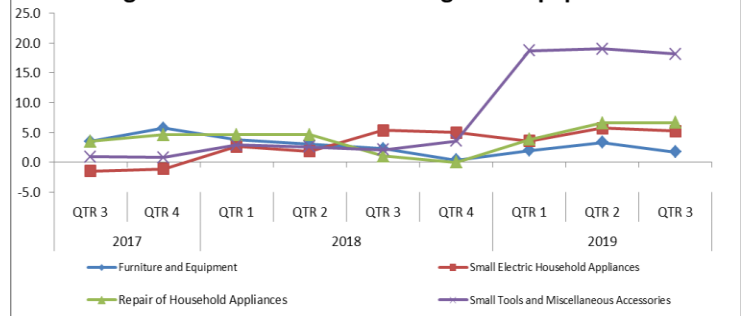


Figure 11: Health

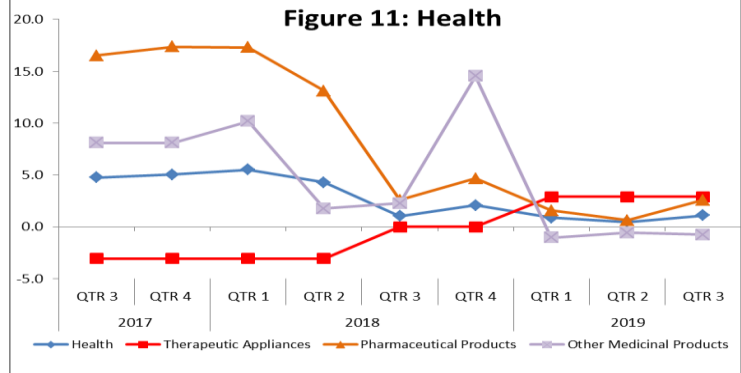
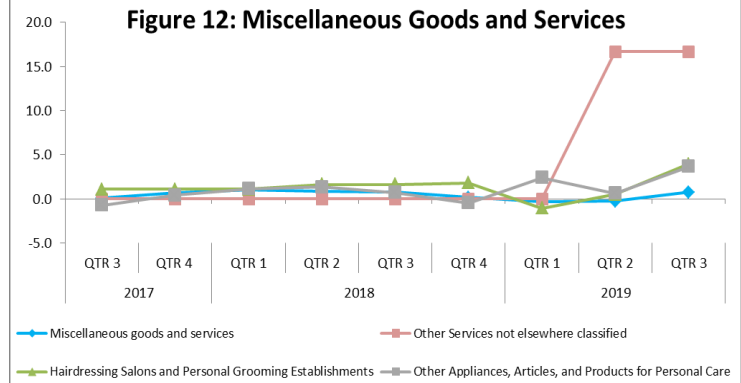


Figure 12: Miscellaneous Goods and Services



Quarterly changes: September 2019 compared to June 2019

The CPI rose by **1.9 percent** compared to the first quarter of 2019, with the following divisions recording upward movement in their indices:

- **Transport:** the index rose by **7.4 percent**. The most significant price increases were recorded in the price index for the groups; *passenger transport by air* (14.6%), *purchase of motor vehicles* (5.8%), and *fuels* (4.9%). However, there was a price reduction of 0.9 percent in the index for *maintenance and repair of personal transport equipment*.
- **Clothing and Footwear:** the index recorded a rise of **2.0 percent** for the quarter under review. The price of *footwear purchased locally* increased by 3.4 percent, followed by *clothing purchased locally*, which went up by 3.2 percent. *Clothing purchased abroad* went up by 0.4 percent. While *footwear purchased abroad* moved marginally by 0.1 percent.
- **Housing and Utilities:** there was a **1.7 percent** increase in the index for this division, mainly the result of the rise of 7.6 for *electricity* and a 7.5 percent incline for *water supply*. The price index for *materials for the maintenance and repair of the dwelling* also went up by 0.7 percent, while there was a 0.4 percent increase for *actual rentals paid by tenants*.
- **Food & Non-Alcoholic Beverages:** an increase of **1.3 percent** was recorded for this division's price index. There was a 3.8 percent increase in average prices for vegetables, a 3.3 percent increase for *meat and meat products*. *Oils and fats* went up by 3.1 percent. *Bread and cereals* rose by 2.4 percent. The rise in the prices was moderated by declines in the index for *fruits; milk, cheese, and eggs; tea, coffee, and cocoa*, which went down by 1.5 percent, 0.9 percent, and 0.1 percent, respectively.
- **Miscellaneous Goods and Services:** there was a **1.1 percent** rise in this division's index traced mainly to increases in *hairdressing salons and personal grooming establishments* by 4.7 percent, *other appliances, articles, and products for personal care* by 2.8 percent, and *vehicle insurance* up by 0.3 percent. There was a fall in prices for *other personal effects* (1.0%) and *jewellery and watches* (0.1%). The price index for the other groups that make up this division was stable.
- **Restaurants and Hotels:** this index had a **1.1 percent** increase and was mainly the result of a 3.7 percent incline in the index for *accommodation services (local and abroad)*. *Restaurants, cafes, and the like* showed an average price increase of 0.9 percent. However, *canteens at educational establishments or work* recorded no movement.
- **Education:** there was a **1.0 percent** rise in the index for this division, traced to *secondary education*, which rose by 1.3 percent, while *pre-primary and primary* had an incline of 1.1 percent and *tertiary education* 0.3 percent.

- **Health:** the index for this division recorded a **0.7** percent increase. The upward movement was largely the result of a 2.0 percent rise in the index for *pharmaceutical products* and a 0.3 percent increase for *other medicinal products*.

The following divisions recorded downward movements in their indices when compared to the quarter ending June 2019:

- **Recreation and Culture:** this index posted a **3.1** percent decrease and was primarily the result of a 35.6 percent decline in the index for *books* and a 10.6 percent fall in the index for *package holidays (abroad)*. Despite the declines, there was a 10.2 percent rise in the index for *information processing equipment* and a 7.3 percent increase in the index for *reception and recording equipment*.
- **Furnishings, household equipment, and routine household maintenance:** there was a **1.4** percent decline in the index for this division. The largest reduction of 7.1 percent was recorded for the index *furniture and furnishings*, and the average prices of *household textiles* moved down by 2.2 percent. The index for small tools and miscellaneous accessories also fell by 0.6 percent. The effect of the declines was moderated by a 1.1 percent increase in the index for *major household appliances*.
- **Communication:** it was observed that the index fell by **0.3** percent for the quarter. The prices of *telephone and telefax services* declined by 0.4 percent; however, prices for *telephone and telefax equipment* prices were constant.
- **Alcoholic Beverages and Tobacco** recorded a **0.1** percent fall in its index. This was mainly due to a 1.0 percent decline in the index for *wine*. However, *spirits and alcoholic cordials* increased by 0.7 percent for the period under review.

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
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	1.7	4.8
	September	105.0	-0.2	3.5
	December	104.2	-0.8	1.7
2019	March	108.1	3.8	4.5
	June	109.2 ^R	1.0	3.8
	September	111.2	1.9	6.0

* The CPI series from 2013 to June 2016 were re-based to September 2016.

R - Revised

Table 2: Annual Averages 2011 to 2018
(September 2016 = 100)

YEAR	INDEX	Percentage change 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	101.1	2.0
2018	104.5	3.3

TABLE 3: CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - THIRD QUARTER 2019

Major Groups	Weight	Index			Percentage Change	
		Sept 18	Jun 19	Sept 19	3 months ago	1 year ago
Overall	1,000.0	105.0	109.2^R	111.2	1.9	6.0
01 Food and non-alcoholic beverages	66.1	105.1	106.3	107.7	1.3	2.4
Bread and Cereals	8.6	107.9	107.1	109.7	2.4	1.7
Meat & Meat Products	8.9	101.9	101.6	105.0	3.3	3.1
Fish and Seafood	3.0	112.6	119.3	119.6	0.3	6.3
Milk, Cheese and Eggs	7.2	109.3	108.4	107.4	-0.9	-1.8
Oils and Fats	1.7	106.8	113.0	116.5	3.1	9.1
Fruits	6.7	116.0	114.4	112.7	-1.5	-2.9
Vegetables	8.4	100.2	104.9	108.9	3.8	8.7
Sugar, Sugar Confectionary and Snacks	3.1	100.7	102.7	102.8	0.0	2.0
Other Food Products (Not Elsewhere Specified)	4.3	101.8	105.0	106.5	1.5	4.6
Tea, Coffee and Cocoa	1.4	95.5	99.5	99.4	-0.1	4.0
Mineral Waters, Soft Drinks, Fruit and Vegetable Juices	12.9	102.0	102.8	103.5	0.7	1.5
02 Alcoholic beverages and tobacco	22.3	103.1	106.2	106.2	-0.1	3.0
Spirits and Alcoholic Cordials	3.2	102.5	101.6	102.3	0.7	-0.2
Wine	6.7	101.6	111.5	110.3	-1.0	8.6
Beer	8.5	104.1	104.5	104.9	0.3	0.7
Tobacco	3.9	103.8	104.8	105.2	0.3	1.3
03 Clothing & Footwear	33.3	101.9	106.0	108.0	2.0	6.1
Clothing	14.4	102.7	110.2	113.7	3.2	10.7
Footwear	3.9	97.5	102.9	106.4	3.4	9.1
Clothing purchased abroad	11.9	102.2	102.2	102.5	0.4	0.3
Footwear purchased abroad	3.0	101.8	104.8	104.9	0.1	3.0
04 Housing, water, electricity, gas and other fuels	334.5	105.6	114.9	116.8	1.7	10.6
Actual Rentals paid by Tenants	85.7	101.6	121.2	121.7	0.4	19.7
Imputed Rentals for Owner Occupiers	170.3	100.8	113.8	113.8	0.0	12.9
Materials for the Maintenance and Repair of the Dwelling	2.5	102.1	103.2	103.9	0.7	1.8
Services for the Maintenance and Repair of the Dwelling	1.1	100.0	108.4	108.4	0.0	8.4
Water Supply	18.7	96.9	91.3	98.2	7.5	1.3
Electricity	54.7	130.5	117.4	126.3	7.6	-3.2
Gas (LPG/Propane)	1.5	100.3	99.0	99.0	0.0	-1.3
05 Furnishings, household equipment and routine household maintenance	42.7	105.9	109.3	107.7	-1.4	1.7
Furniture and Furnishings	8.7	113.0	118.7	110.2	-7.1	-2.5
Household Textiles	2.2	97.3	99.8	97.7	-2.2	0.4
Major Household Appliances	4.6	101.4	103.9	105.0	1.1	3.6
Small Electric Household Appliances	1.0	103.8	109.2	109.2	0.0	5.2
Repair of Household Appliances	2.2	104.6	111.5	111.5	0.0	6.6
Glassware, Tableware and Household Utensils	1.8	108.9	113.6	114.8	1.0	5.4
Small Tools and Miscellaneous Accessories	1.6	103.0	122.5	121.7	-0.6	18.1
Non-Durable Household Goods	11.9	108.6	110.2	110.7	0.5	1.9
Employed Staff (Paid Staff Privately Employed)	8.6	100.0	100.0	100.0	0.0	0.0
06 Health	20.9	105.8	106.3	107.0	0.7	1.1
Pharmaceutical Products	6.1	119.5	120.2	122.6	2.0	2.6
Other Medicinal Products	0.6	110.5	109.4	109.7	0.3	-0.8
Therapeutic Appliances and Equipment	2.1	96.9	99.7	99.7	0.0	2.9
Medical Services	5.2	100.0	100.0	100.0	0.0	0.0
Dental Services	1.7	100.0	100.0	100.0	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	Weight	Index			Percentage Change	
		Sept 18	Jun 19	Sept 19	3 months ago	1 year ago
07 Transport	162.0	111.7	109.0^R	117.1	7.4	4.8
Purchase of Motor Vehicles	35.8	100.8	96.8	102.5	5.8	1.7
Spare Parts and Accessories for Personal Transport Equipment	4.8	106.6	117.1	118.2	0.9	10.9
Fuels	43.4	113.2	106.0	111.2	4.9	-1.8
Maintenance and Repair of Personal Transport Equipment	12.9	124.0	121.8	120.7	-0.9	-2.7
Other Services In Respect of Personal Transport Equipment	11.9	100.7	96.7	100.8	4.2	0.0
Passenger Transport by Road	3.0	100.0	98.1	99.5	1.4	-0.5
Passenger Transport by Air	46.8	119.7	121.5 ^R	139.2	14.6	16.4
Other Purchased Transport Services	3.4	105.2	97.5	97.5	0.0	-7.3
08 Communication	39.1	103.9	110.2	109.9	-0.3	5.7
Telephone and Telefax Equipment	3.4	115.5	95.6	95.6	0.0	-17.2
Telephone and Telefax Services	35.7	102.8	111.6	111.2	-0.4	8.2
09 Recreation and Culture	59.2	100.9	111.7	108.3	-3.1	7.3
Reception and Recording Equipment	2.3	90.6	77.6	83.3	7.3	-8.1
Information Processing Equipment	1.9	115.0	116.6	128.6	10.2	11.8
Recording Media (Audio Visual, Media)	0.5	103.5	105.5	107.1	1.5	3.5
Major Durables for Outdoor Recreation	2.8	101.8	99.4	104.6	5.3	2.8
Games, Toys and Hobbies	1.3	94.7	113.5	112.9	-0.5	19.2
Equipment for Sport, Camping and Open-Air Recreation	1.5	107.8	104.9	103.2	-1.6	-4.3
Gardens, Plants and Flowers	1.3	99.6	100.7	101.6	0.9	2.0
Pets and Related Products	3.1	100.8	110.4	113.0	2.3	12.1
Veterinary and Other Services For Pets	3.8	100.0	87.5	87.5	0.0	-12.5
Recreation and Sporting Services	8.9	99.3	143.0	140.5	-1.8	41.4
Cultural Services	17.2	100.0	99.8	98.0	-1.8	-2.0
Books	1.3	100.5	100.5	64.7	-35.6	-35.6
Newspapers and Periodicals	1.3	100.0	100.0	100.0	0.0	0.0
Package Holidays (Abroad)	12.2	103.0	126.8	113.4	-10.6	10.0
10 Education	38.2	104.1	105.9	106.9	1.0	2.7
Pre Primary and Primary Education	18.1	105.6	109.9	111.2	1.1	5.2
Secondary Education	10.5	105.1	110.6	112.0	1.3	6.6
Tertiary Education	7.1	100.4	90.7	90.9	0.3	-9.5
Education Not Definable by Level	2.5	100.0	100.4	100.4	0.0	0.4
11 Restaurants and Hotels	83.5	98.9	100.7	101.8	1.1	2.9
Restaurants, Cafes and the Like	64.3	99.5	101.1	101.9	0.9	2.5
Canteens at Educational Establishments Or Work	8.8	100.7	98.4	98.4	0.0	-2.3
Accommodation Services (Local & Abroad)	10.3	93.9	100.3	104.0	3.7	10.8
12 Miscellaneous Goods and Services	98.2	100.9	100.6	101.7	1.1	0.8
Hairdressing Salons and Personal Grooming Establishments	12.8	102.8	102.1	106.9	4.7	4.0
Other Appliances, Articles and Products for Personal Care	15.6	100.0	100.9	103.7	2.8	3.7
Jewellery and Watches	2.3	113.9	117.7	117.6	-0.1	3.3
Other Personal Effects	1.9	111.8	96.9	96.0	-1.0	-14.2
Social Protection	5.6	102.7	105.4	105.4	0.0	2.6
Housing Contents Insurance	3.1	104.8	103.6	103.6	0.0	-1.1
Health Insurance	33.6	100.1	98.5	98.5	0.0	-1.6
Vehicle Insurance	11.7	97.1	96.4	96.7	0.3	-0.4
Other Financial Services	7.8	100.0	96.3	96.3	0.0	-3.7
Other Services Not Elsewhere Classified	3.9	100.0	116.7	116.7	0.0	16.7

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

PERIOD / DIVISION	Food & Non-alcoholic 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
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		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
SEPTEMBER	105.1	103.1	101.9	105.6	105.9	105.8	111.7	103.9	100.9	104.1	98.9	100.9	105.0
DECEMBER	105.7	101.9	102.0	103.2	106.5	107.6	111.4	103.4	101.0	104.1	98.9	100.9	104.2
ANNUAL AVERAGE 2018	105.0	102.6	101.9	104.0	106.1	106.1	112.2	103.1	100.1	104.1	99.0	100.8	104.5
2019													
MARCH	105.9	103.7	103.2	114.8	108.5	106.2	107.2	109.0	102.3	107.7	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	105.9	100.7	100.6	109.2 ^R
SEPTEMBER	107.7	106.2	108.0	116.8	107.7	107.0	117.1	109.9	108.3	106.9	101.8	101.7	111.2
% CHANGE OVER PREV YEAR	2.4	3.0	6.1	10.6	1.7	1.1	4.8	5.7	7.3	2.7	2.9	0.8	6.0
% CHANGE OVER PREV QTR	1.3	-0.1	2.0	1.7	-1.4	0.7	7.4	-0.3	-3.1	1.0	1.1	1.1	1.9
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
ANNUAL AVERAGE % CHANGE 2018	4.4	-0.1	-0.1	3.8	2.3	3.2	7.8	2.1	0.8	3.0	-0.2	0.7	3.3

TABLE 5: Average Prices of Selected Items
Quarter Ending September 2019

Item	Quantity	Average Prices		
		Sept 18	Jun 19	Sept 19
Sliced Brown Bread	20 oz	2.87	2.85	2.93
Enriched Parboiled Long Grain Rice	5 lb	9.62	9.62	9.96
Cornflakes (original)	24 oz	5.46	5.89	6.89
Stew Beef	per lb	4.83	5.50	5.28
Corned Beef - regular	340 g	4.49	4.89	4.89
Salmon Steaks - Fresh	per lb	14.09	12.80	13.48
Canned Tuna in water	5 oz	1.69	1.69	1.74
Eggs (Grade A Extra Large)	1 doz	3.23	3.04	2.91
Butter - Salted	227 g	4.42	4.86	5.02
Condensed Milk	395 g	2.02	2.02	2.02
Vegetable Oil	48 oz	5.96	6.49	6.52
Plantain	per lb	0.99	1.20	1.36
Potatoes - Irish	5lb bag	3.78	4.21	4.39
Lettuce - Iceberg	each	2.42	2.70	2.82
Sweet Potatoes	per lb	3.19	3.37	3.05
Tomatoes - Slicing	per lb	3.25	2.83	3.12
Bananas - Ripe	per lb	0.99	0.99	0.99
Apple - Red Delicious	per lb	2.16	1.87	1.98
Grapes - Red Seedless	per lb	4.29	4.21	4.22
Tea - 100% Natural	100 bags	5.68	6.67	6.67
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	2.59	2.52	2.59
Iodized Salt	26 oz	1.16	1.19	1.19
Petrol - Regular Full Service	per gal	4.76	4.38	4.58
Petrol - Premium Full Service	per gal	4.94	4.69	4.95
Diesel - Full Service	per gal	4.51	4.42	4.48

**Table 6: Annual Core Consumer Price Index
and Inflation Rates***

September 2016 = 100

Period	INDEX	Percentage change 1 year ago
Dec-16	100.1	0.1
Dec-17	102.7	2.5
Dec-18	103.1	0.4

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

Table 7: Quartely 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	103.9	1.4	3.6
	September	102.9	-1.0	1.3
	December	103.1	0.2	0.4
2019	March	107.6	4.4	5.0
	June	109.3 ^R	1.6	5.2
	September	111.0	1.5	7.9

TABLE 8: CORE CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - THIRD QUARTER 2019

Major Groups	Weight	Percentage Change				
		Sep 18	Jun 19	Sep 19	3 months ago	1 year ago
Overall	834.3	102.9	109.3^R	111.0	1.5	7.9
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	103.1	106.2	106.2	2.5	3.2
Spirits and Alcoholic Cordials	3.2	102.5	101.6	102.3	-0.3	-0.9
Wine	6.7	101.6	111.5	110.3	8.1	9.8
Beer	8.5	104.1	104.5	104.9	-0.1	0.4
Tobacco	3.9	103.8	104.8	105.2	0.8	1.7
03 Clothing & Footwear	33.3	101.8	106.0	108.0	2.7	4.3
Clothing	14.4	100.0	100.0	100.0	0.0	0.0
Footwear	3.9	97.5	102.9	106.4	1.2	5.0
Clothing purchased abroad	11.9	102.2	102.2	102.5	0.6	0.0
Footwear purchased abroad	3.0	101.8	104.8	104.9	2.2	3.2
04 Housing, water, electricity, gas and other fuels	278.3	100.8	114.4	115.0	1.3	13.6
Actual Rentals paid by Tenants	85.7	101.6	121.2	121.7	-0.3	19.3
Imputed Rentals for Owner Occupiers	170.3	100.8	113.8	113.8	3.4	12.9
Materials for the Maintenance and Repair of the Dwelling	2.5	102.1	103.2	103.9	-0.2	2.1
Services for the Maintenance and Repair of the Dwelling	1.1	100.0	108.4	108.4	0.0	8.4
Water Supply	18.7	96.9	91.3	98.2	-10.0	-5.8
Electricity	-	-	-	-	-	-
Gas (LPG/Propane)	-	-	-	-	-	-
05 Furnishings, household equipment and routine household maintenance	42.7	105.9	109.3	107.7	0.7	3.3
Furniture and Furnishings	8.7	100.0	100.0	100.0	0.0	0.0
Household Textiles	2.2	97.3	99.8	97.7	-2.8	0.7
Major Household Appliances	4.6	101.4	103.9	105.0	1.6	2.8
Small Electric Household Appliances	1.0	103.8	109.2	109.2	1.4	5.7
Repair of Household Appliances	2.2	104.6	111.5	111.5	2.7	6.6
Glassware, Tableware and Household Utensils	1.8	108.9	113.6	114.8	3.8	4.0
Small Tools and Miscellaneous Accessories	1.6	103.0	122.5	121.7	0.2	19.0
Non-Durable Household Goods	11.9	108.6	110.2	110.7	1.0	2.1
Employed Staff (Paid Staff Privately Employed)	8.6	100.0	100.0	100.0	0.0	0.0
06 Health	20.9	105.8	106.3	107.0	0.0	0.5
Pharmaceutical Products	6.1	119.5	120.2	122.6	0.1	0.6
Other Medicinal Products	0.6	110.5	109.4	109.7	0.3	-0.6
Therapeutic Appliances and Equipment	2.1	96.9	99.7	99.7	0.0	2.9
Medical Services	5.2	100.0	100.0	100.0	0.0	0.0
Dental Services	1.7	100.0	100.0	100.0	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	Weight	Sep 18	Jun 19	Sep 19	Percentage Change	
					3 months ago	1 year ago
07 Transport	118.6	111.1	112.2^R	122.2	2.4	-5.8
Purchase of Motor Vehicles	35.8	100.8	96.8	102.5	-1.2	-4.5
Spare Parts and Accessories for Personal Transport Equipment	4.8	106.6	117.1	118.2	8.4	9.8
Fuels	-	-	-	-	-	-
Maintenance and Repair of Personal Transport Equipment	12.9	124.0	121.8	120.7	1.3	-1.8
Other Services In Respect of Personal Transport Equipment	11.9	100.7	96.7	100.8	-1.5	1.8
Passenger Transport by Road	3.0	100.0	98.1	99.5	0.7	-1.9
Passenger Transport by Air	46.8	119.7	121.5 ^R	139.2	3.4	-13.7
Other Purchased Transport Services	3.4	105.2	97.5	97.5	0.0	-7.3
08 Communication	39.1	103.9	110.2	109.9	1.1	6.1
Telephone and Telefax Equipment	3.4	115.5	95.6	95.6	-13.5	-16.9
Telephone and Telefax Services	35.7	102.8	111.6	111.2	2.5	8.6
09 Recreation and Culture	59.2	100.9	111.7	108.3	9.2	11.5
Reception and Recording Equipment	2.3	100.0	100.0	100.0	0.0	0.0
Information Processing Equipment	1.9	115.0	116.6	128.6	8.6	12.2
Recording Media (Audio Visual, Media)	0.5	103.5	105.5	107.1	2.1	3.7
Major Durables for Outdoor Recreation	2.8	101.8	99.4	104.6	-0.7	-1.0
Games, Toys and Hobbies	1.3	94.7	113.5	112.9	10.1	19.8
Equipment for Sport, Camping and Open-Air Recreation	1.5	107.8	104.9	103.2	0.0	-2.7
Gardens, Plants and Flowers	1.3	99.6	100.7	101.6	0.0	1.1
Pets and Related Products	3.1	100.8	110.4	113.0	0.6	9.7
Veterinary and Other Services For Pets	3.8	100.0	87.5	87.5	1.2	-12.5
Recreation and Sporting Services	8.9	99.3	143.0	140.5	41.8	44.0
Cultural Services	17.2	100.0	99.8	98.0	-0.2	-0.2
Books	1.3	100.5	100.5	64.7	0.0	0.8
Newspapers and Periodicals	1.3	100.0	100.0	100.0	0.0	0.0
Package Holidays (Abroad)	12.2	103.0	126.8	113.4	16.8	23.0
10 Education	38.2	104.1	105.9	106.9	-1.6	1.7
Pre Primary and Primary Education	18.1	105.6	109.9	111.2	0.0	4.1
Secondary Education	10.5	105.1	110.6	112.0	0.0	5.2
Tertiary Education	7.1	100.4	90.7	90.9	-9.5	-9.7
Education Not Definable by Level	2.5	100.0	100.4	100.4	0.0	0.4
11 Restaurants and Hotels	83.5	98.9	100.7	101.8	-0.5	1.8
Restaurants, Cafes and the Like	64.3	99.5	101.1	101.9	-0.5	1.6
Canteens at Educational Establishments Or Work	8.8	100.7	98.4	98.4	0.0	-2.3
Accommodation Services (Local & Abroad)	10.3	93.9	100.3	104.0	-0.7	6.6
12 Miscellaneous Goods and Services	98.2	100.9	100.6	101.7	0.2	-0.2
Hairdressing Salons and Personal Grooming Establishments	12.8	102.8	102.1	106.9	2.0	0.5
Other Appliances, Articles and Products for Personal Care	15.6	100.0	100.9	103.7	-1.6	0.6
Jewellery and Watches	2.3	113.9	117.7	117.6	1.0	3.4
Other Personal Effects	1.9	111.8	96.9	96.0	-11.6	-15.0
Social Protection	5.6	102.7	105.4	105.4	2.6	2.6
Housing Contents Insurance	3.1	104.8	103.6	103.6	0.0	-1.1
Health Insurance	33.6	100.1	98.5	98.5	0.0	-1.6
Vehicle Insurance	11.7	97.1	96.4	96.7	-0.7	-0.7
Other Financial Services	7.8	100.0	96.3	96.3	-3.7	-3.7
Other Services Not Elsewhere Classified	3.9	100.0	116.7	116.7	16.7	16.7

NOTES ON THE INDEX COMPILATION

1. CPI Revision

The report includes revision in the CPI estimate as follow:

Revised Indices June 2019

Year	Quarter Ending	INDEX	
		Previous	Revised
2019	June		
		All items	108.8 109.2
		Transport	106.7 109.0
		Transport by Air	113.2 121.5

The slight change in the index was due to correction in the price data for Transport by Air.

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 **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 Items	Weights	Number of Items	Weights
Total	1,647	1,000	2,227	1,000
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 are one of the widest and popular classes 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, P_{Lo} , is defined as follows²:

$$P_{Lo} = \frac{\sum_{i=1}^n p_i^t q_i}{\sum_{i=1}^n p_i^0 q_i}$$

Where n = number of products in the basket with prices p_i and quantities q_i

0 = base period

t = later period being compared

Geometric mean

The price $p = [p_1, p_2, \dots, p_n]$ for each item from different outlets is the average of prices of the outlets using geometric mean or the formula:

$$p = \left(\prod_{i=1}^n p_i \right)^{1/n} = \sqrt[n]{p_1, p_2, \dots, p_n}$$

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.

¹ ILO by 2004, p. 2). Consumer price index manual

² Ibid, p.3

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 the **year-on-year inflation rate**.

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