



THE CAYMAN ISLANDS' CONSUMER PRICE INDEX REPORT: JULY TO SEPTEMBER 2020

Date of Publication: December 4, 2020

The Inflation Rate for September 2020 over September 2019 Decreased by 1.6%

The CPI in the third quarter of 2020 was 109.5, a reduction of 1.6 percent compared to the third quarter of 2019. Five of the twelve divisions recorded lower price indices relative to the comparable period.

Figure 1: Inflation Rates, September 2016 – September 2020
(% Change in CPI of Current Quarter over Same Quarter a Year Ago)

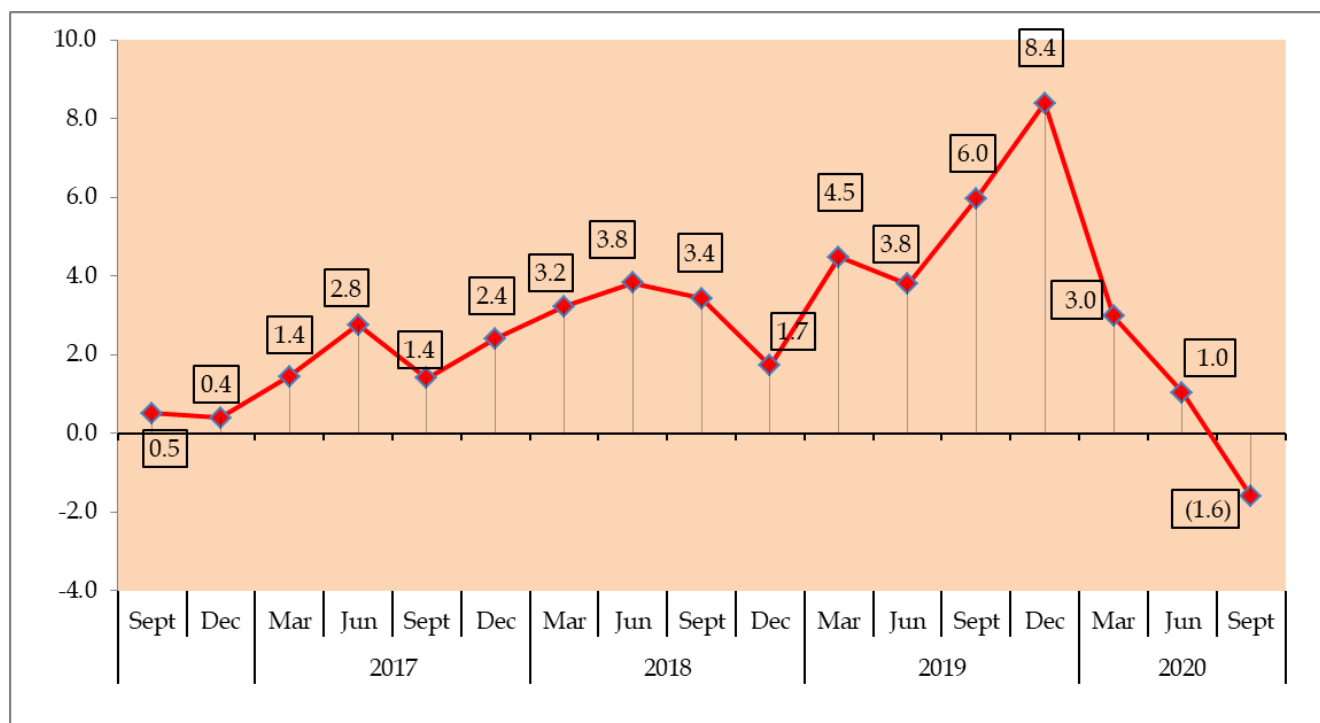
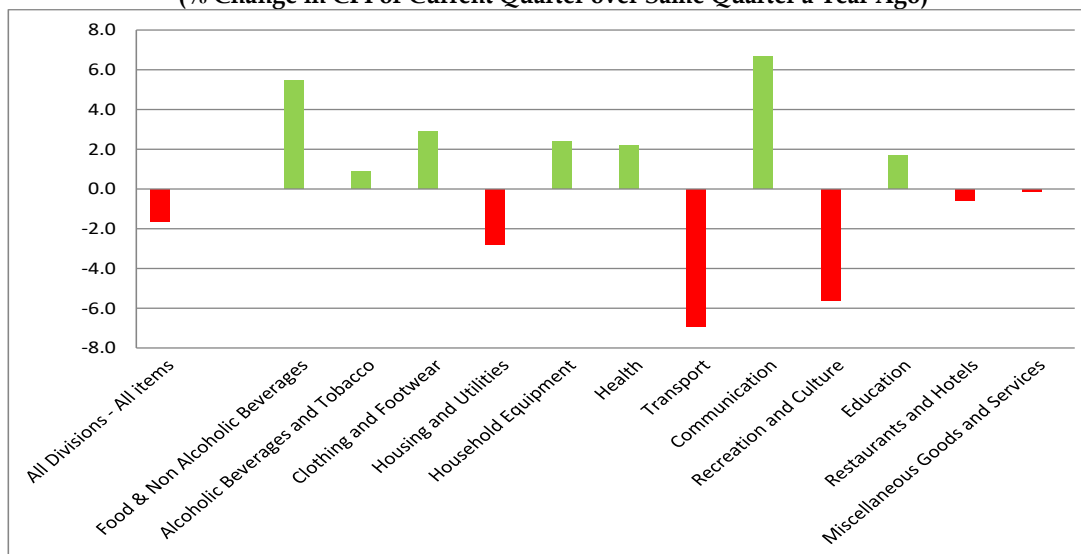
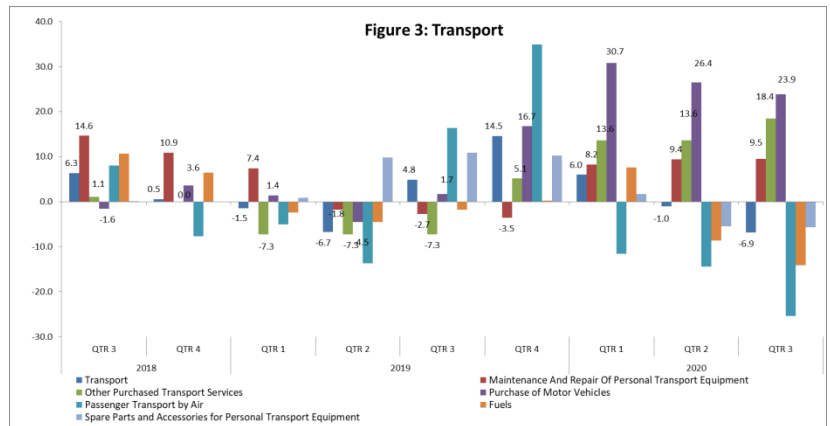


Figure 2: Inflation Rates, September 2019–September 2020 by Major Types of Goods and Services
(% Change in CPI of Current Quarter over Same Quarter a Year Ago)

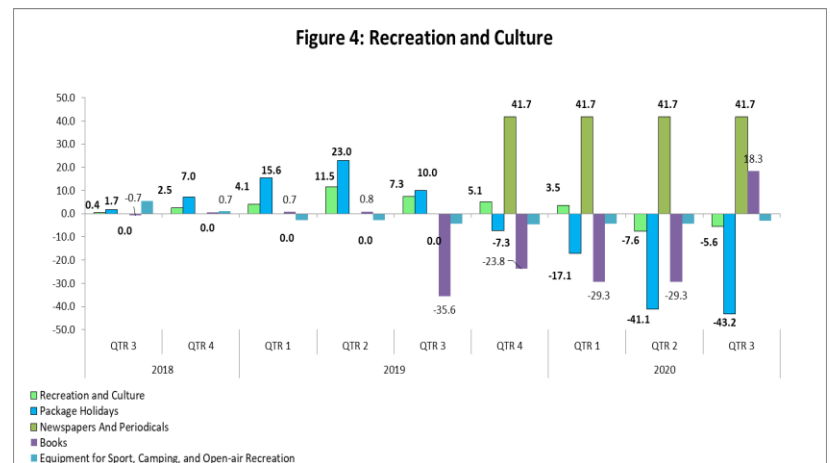


The decline in the third quarter CPI is traced to the following divisions:

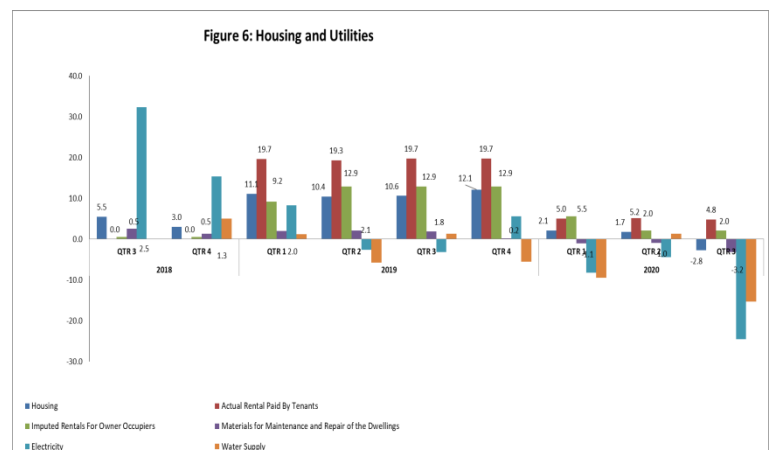
- Transport:** there was a 6.9 percent fall in the index for this division, traced mainly to the downward trend in the index for *passenger transport by air* (25.4%), *fuels* (14.1%), *spare parts and accessories for personal transport equipment* (5.7%), and *passenger transport by road* also down by 5.5 percent. The significant increases of 23.9 and 18.4 percent in the index for the *purchase of motor vehicles* and *other purchased transport services* reduced the impact of the declines.



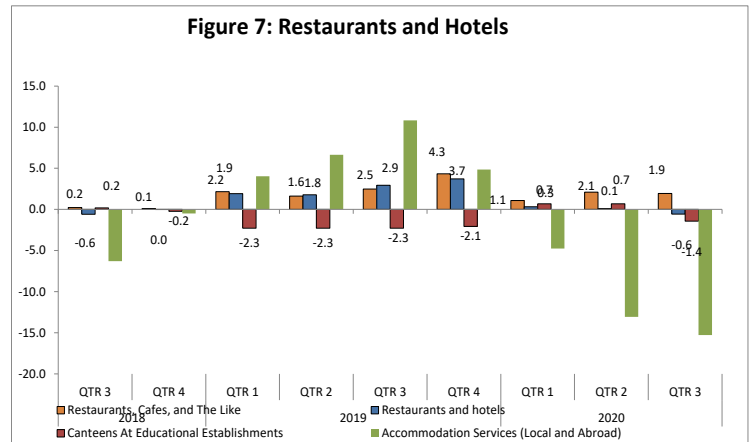
- Recreation and Culture:** the index for this division recorded a 5.6 percent downward movement as a result of a 43.2 percent decline in the price for *package holidays (abroad)*; *equipment for sport, camping, and open-air recreation* went down by 2.9 percent; *pets and related products* by 2.9 percent as well; and *cultural services* by 2.3 percent. In contrast, *newspaper and periodicals* rose by 41.7 percent, *books* by 18.3 percent, *information processing equipment* went up by 13.4 percent, and *recreation and sporting services* also moved up, but by 12.8 percent.



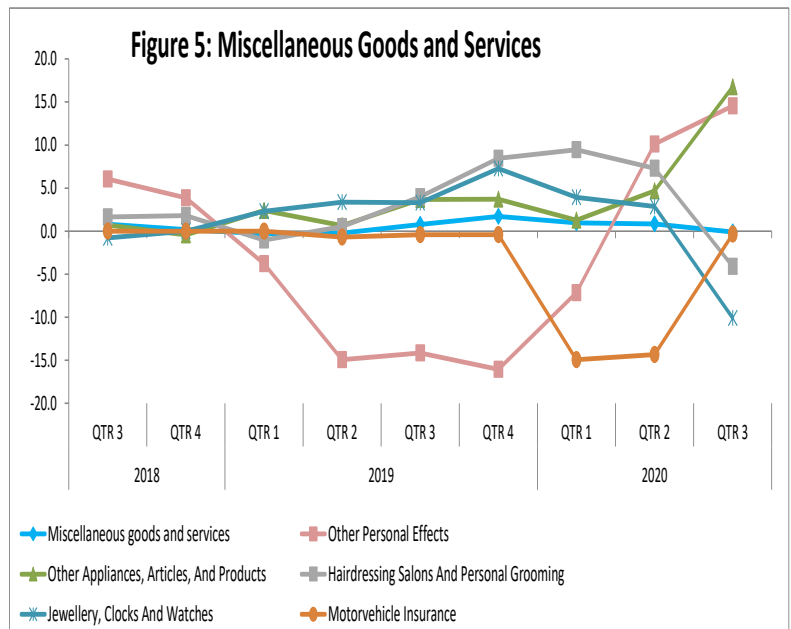
- Housing and Utilities:** division showed a 2.8 percent decrease as the cost of *electricity* declined by 24.6 percent. The average prices for *water supply* fell by 15.3 percent, *materials for the maintenance and repair of the dwelling* went down by 3.2 percent, and *gas (LPG/Propane)* by 2.2 percent. However, there was a 4.8 percent rise in the cost of actual rentals paid by tenants and a 2.0 percent uptrend in *imputed rentals for owner-occupiers* when compared to the same period in 2019.



- Restaurants and hotels:** this division's price index decreased by **0.6** percent. The main contributor to the decline was the 15.3 percent fall in the prices for *accommodation services (local and abroad)*. The average cost of some meals served at *canteens at educational establishments or work* fell by 1.4 percent. However, meals served at *restaurants, cafes, and the like* recorded a 1.9 percent rise.

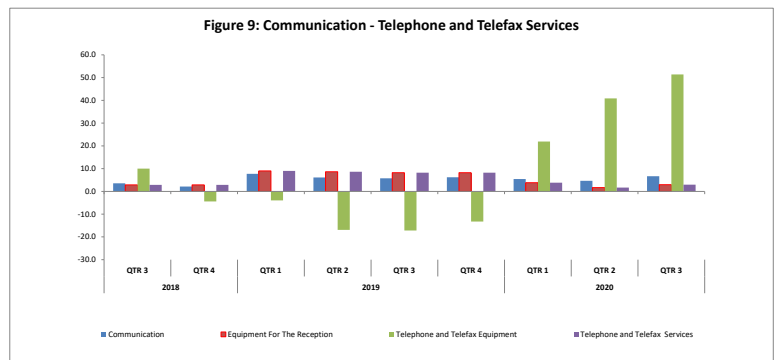


- Miscellaneous Goods and Services:** the division's price index fell by **0.1** percent. The most significant downward movement was the 8.9 percent fall in the cost of *motor vehicle insurance*, followed by the 5.1 percent decline in the prices for services offered at *hairdressing salons and personal grooming establishments*. The prices for *other appliances, articles, and products for personal care* fell by 1.1 percent. Of importance was the moderating effect of the 10.2 percent increase in the index for *other personal effects*, the 4.4 percent rise for *social protection*, the 3.4 percent increase for *health insurance*, and the 2.9 percent for *jewellery and watches*.

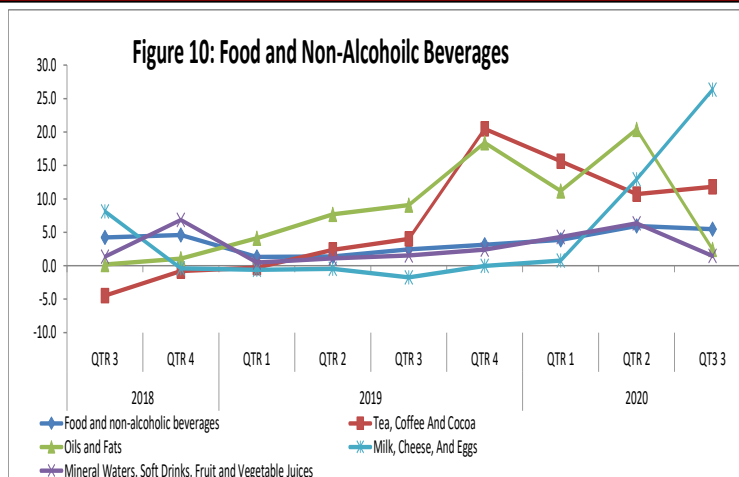


However, there were increases for some divisions as follows:

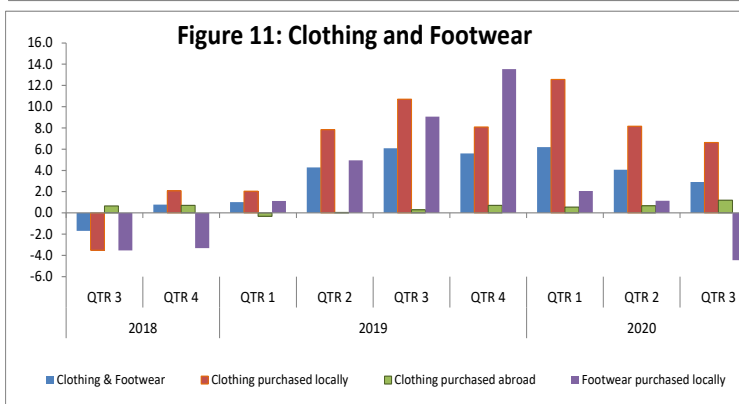
- Communication:** this division showed a **6.7** percent increase as the cost of *telephone and telefax equipment* rose by 51.4 percent compared to the same period in 2019. The average prices for *telephone and telefax services* also rose by 3.0 percent.



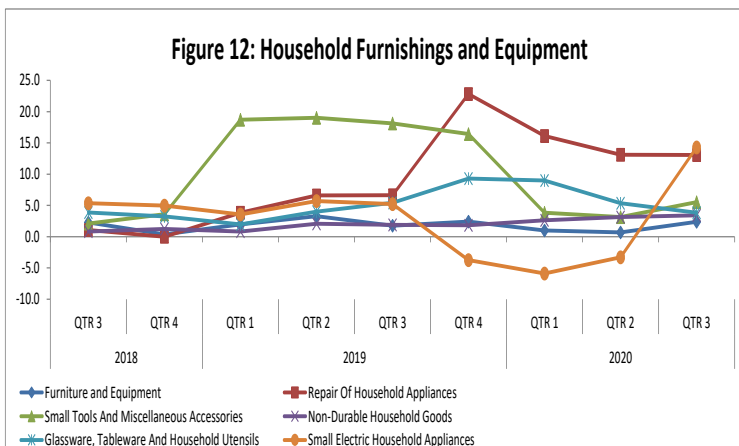
- Food and Non-alcoholic Beverages:** the index for this division had an upward movement of 5.5 percent due to a rise in the average cost of *oils and fats* (16.4%), while the prices for *milk, cheese, and eggs* increased by 12.5 percent. *Tea, coffee, and cocoa* also rose, but by 11.8 percent, while *mineral waters, soft drinks, fruit, and vegetable juices* went up by 7.3 percent. *Fruits and vegetables* moved upward by 6.0 and 4.8 percent, respectively.



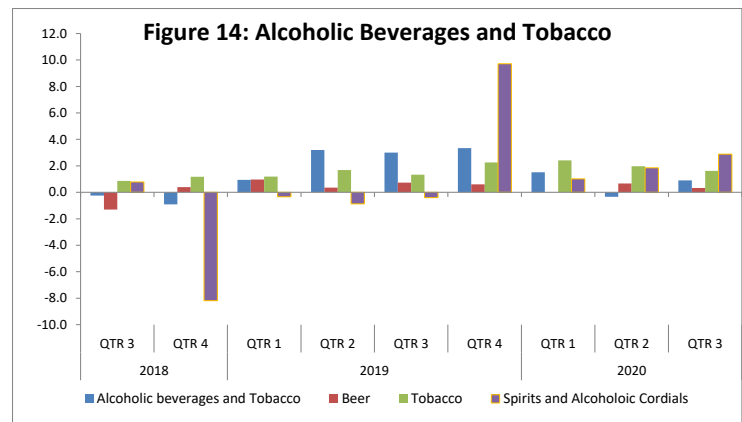
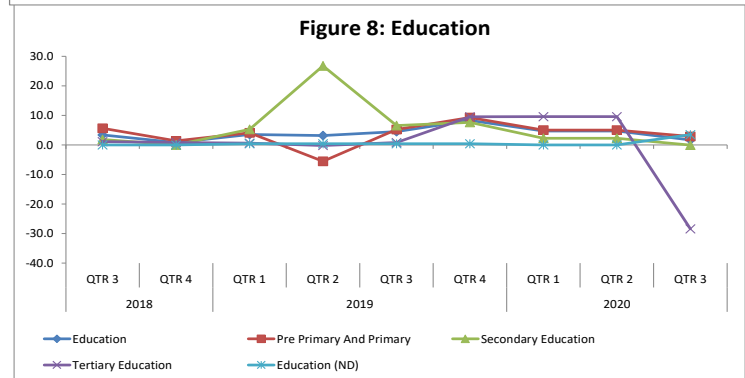
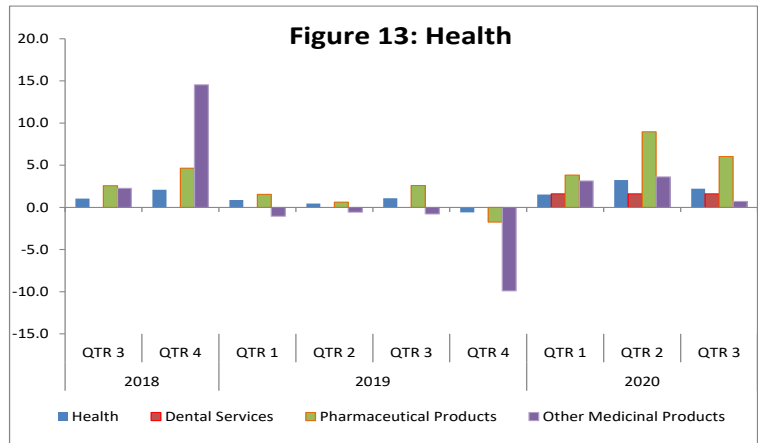
- Clothing and Footwear:** the index for this division had an upward movement of 2.9 percent due to a significant rise in the average cost of *locally purchased clothing* (6.6%), while the prices of *footwear purchased locally* declined by 4.5 percent. *Clothing purchased abroad* rose by 1.2 percent while the prices for *footwear purchased abroad* were stable.



- Furnishings, household equipment, and routine household maintenance:** the division's index moved up by 2.4 percent due to an increase of 14.3 percent for *small electric household appliances* and a 13.0 percent rise in the index for the *repair of household appliances*. *Small tools and miscellaneous accessories* moved upward by 5.5 percent. *Glassware, tableware, and household utensils* also rose, but by 3.8 percent on average. *Non-durable household goods* and *major household appliances* went up by 3.4 and 1.6 percent, respectively. However, the prices of *household textiles* declined by 5.1 percent.



- Health:** this price index was **2.2 percent** higher compared to a year ago. The average prices for *pharmaceutical products* rose by 6.0 percent. *Dental services, other medicinal products, therapeutic appliances, and equipment* went up by 1.6 percent, 0.7 percent, and 0.6 percent respectively. The average prices for the other groups of items that make up the division were stable.
- Education:** this division showed a **1.7 percent** rise in the average prices for *tertiary education* rose by 9.7 percent. In comparison, *pre-primary and primary education* rose by 2.2 percent compared to the same period in 2019. The fees for *secondary education* also had increased prices of 2.1 percent. However, the fees for *education not definable by level* fell by 27.2 percent.
- Alcoholic Beverages and Tobacco:** this division's price index rose by **0.9 percent**. The average cost for *spirits and alcoholic cordials* moved up by 2.9 percent and *tobacco* by 1.6 percent. *Wine and beer* each rose by 0.3 percent.



Quarterly changes: September 2020 compared to June 2020

The CPI declined by **0.8 percent** compared to the second quarter of 2020, with the following divisions recording a downward movement in their indices:

- Housing, water, electricity, gas, and other fuels:** there was a **2.8 percent** reduction in this division's index. The main contributors to the decline were the 15.1 percent fall in the index for *electricity* and the 10.2 percent decline in the *water supply* costs. *Materials for the maintenance and repair of the dwelling* also fell by 1.5 percent. However, the costs associated with the items in the other groups that make up this division were stable.
- Education:** the index had a downward movement of **1.9 percent** for the quarter under review. The most significant decline was in the index for *education not definable by level* as that index fell

by 27.2 percent. *Pre-primary and primary education* fell by 1.6 percent. However, *secondary education* and *tertiary education* each rose by 1.1 percent.

- **Recreation and Culture:** the division's index went down by 0.9 percent for the quarter. Prices of *package holidays (abroad)* fell by 13.7 percent while *reception and recording equipment* and *pets and related products* declined by 5.3 and 4.3 percent, respectively. Most of the groups that make up the division had price increases and tempered the effect of the overall decline. These inclines include the 8.7 percent rise in *gardens, plants, and flowers* and the 7.8 percent increase in *books*; the 4.1 percent rise in *recreation and sporting services*; the 3.5 percent in *veterinary and other services for pets*; and a 3.0 percent increase in *information processing equipment*. There was also a 2.9 percent increase in the cost of *major durables for outdoor recreation* and a 2.4 percent upward movement in the price of *recording media (audio visual, media)*.

However, there were increases in the indices for the following divisions:

- **Communication:** this division's index rose by 1.6 percent due to a 7.5 percent rise in the index for *telephone and telefax equipment* and the 0.9 percent incline for *telephone and telefax services*.
- **Alcoholic Beverages and Tobacco:** the division's index went up by 1.2 percent for the quarter. Prices of *wine* rose by 3.2 percent while *spirits and alcoholic cordials* rose by 1.5 percent. There were no increases in the index for *beer and tobacco*.
- **Transport:** there was a 1.0 percent increase in the index for this division, traced mainly to an 8.8 percent rise in the index for *other services in respect of personal transport equipment*. The price index for *other purchased transport services* rose by 4.3 percent. In comparison, there was a 3.7 percent rise in the costs associated with *purchasing a motor vehicle* and a 0.6 percent increase in prices for *spare parts and accessories for personal transport equipment*. However, there were reduced prices for *passenger transport by road* (10.0%) and *fuels* (1.4%).
- **Clothing and Footwear:** the division's price index rose by 0.8 percent for the quarter. The main contributor to this rise was the 1.7 percent increase for *clothing purchased locally* and the 0.9 percent incline for *clothing purchased abroad*. However, *footwear purchased locally* and *abroad* declined by 2.3 percent and 0.1 percent, respectively.
- **Food and Non-alcoholic Beverages:** the index for this division rose by 0.8 percent. The index for the class *other food products not elsewhere specified* had the largest increase of 2.5 percent. This class of items includes salt, spices, seasonings, dried packaged soup, and condiments such as ketchup and mayonnaise. There was also a 2.0 percent increase in prices for *meat and meat products*. The prices of *vegetables* also rose by 1.7 percent. The index for *mineral waters, soft drinks, fruit, and vegetable juices* moved upward by 1.6 percent. *Tea, coffee, and cocoa* went up by 0.9 percent while bread and cereals had a 0.5 percent incline. The other classes in this division had declines in their index. Of significance is the 1.3 percent reduction in the index for *milk, cheese, and eggs*.
- **Restaurants and Hotels:** there was a 0.4 percent rise in the index for this division. *Accommodation services (local and abroad)* had an increase of 1.1 percent, and meals purchased at *restaurants, cafés,*

and the like had a 0.7 percent rise in prices. However, the average prices for meals from *canteens and educational establishments or work* fell by 2.1 percent.

- **Miscellaneous Goods and Services:** the division's price index rose by **0.1** percent. The most significant upward movement was the 6.6 percent increase in the cost of *motor vehicle insurance*, followed by the 5.5 percent rise in the *social protection* index and a 2.1 percent increase for *health insurance* index. There were price reductions for the services offered by *hairdressing salons and personal grooming establishments* (7.4%). The prices for *other appliances, articles, and products for personal care* fell by 3.0 percent. These declines tempered the effect of the increases.

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	110.4	-0.9	1.0
	September	109.5	-0.8	-1.6

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

Table 2: Annual Averages 2000 to 2019
(September 2016 = 100)

YEAR	INDEX	Percentage change 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

* Revised

TABLE 3: CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - THIRD QUARTER 2020

Major Groups	Weight	Index			Percentage Change	
		Sept 19	June 20	Sept 20	3 months ago	1 year ago
Overall	1,000.0	111.3	110.4	109.5	-0.8	-1.6
01 Food and non-alcoholic beverages	66.1	107.7	112.7	113.5	0.8	5.5
Bread and Cereals	8.6	109.7	110.7	111.3	0.5	1.5
Meat & Meat Products	8.9	105.0	105.9	108.0	2.0	2.8
Fish and Seafood	3.0	119.6	123.0	122.9	-0.1	2.7
Milk, Cheese and Eggs	7.2	107.4	122.4	120.8	-1.3	12.5
Oils and Fats	1.7	116.5	136.1	135.7	-0.3	16.4
Fruits	6.7	112.7	119.6	119.4	-0.2	6.0
Vegetables	8.4	108.9	112.3	114.1	1.7	4.8
Sugar, Sugar Confectionary and Snacks	3.1	102.8	102.5	101.4	-1.0	-1.3
Other Food Products (Not Elsewhere Specified)	4.3	106.5	106.4	109.1	2.5	2.4
Tea, Coffee and Cocoa	1.4	99.4	110.2	111.1	0.9	11.8
Mineral Waters, Soft Drinks, Fruit and Vegetable Juices	12.9	103.5	109.4	111.1	1.6	7.3
02 Alcoholic beverages and tobacco	22.3	106.2	105.9	107.1	1.2	0.9
Spirits and Alcoholic Cordials	3.2	102.1	103.4	105.0	1.5	2.9
Wine	6.7	110.3	107.3	110.7	3.2	0.3
Beer	8.5	104.9	105.2	105.2	0.0	0.3
Tobacco	3.9	105.2	106.9	106.9	0.0	1.6
03 Clothing & Footwear	33.3	108.1	110.3	111.2	0.8	2.9
Clothing purchased locally	14.4	113.7	119.2	121.2	1.7	6.6
Footwear purchased locally	3.9	106.4	104.0	101.6	-2.3	-4.5
Clothing purchased abroad	11.9	102.5	102.9	103.8	0.9	1.2
Footwear purchased abroad	3.0	104.9	104.9	104.8	-0.1	0.0
04 Housing, water, electricity, gas and other fuels	334.5	116.8	116.9	113.5	-2.8	-2.8
Actual Rentals paid by Tenants	85.7	121.7	127.5	127.5	0.0	4.8
Imputed Rentals for Owner Occupiers	170.3	113.8	116.1	116.1	0.0	2.0
Materials for the Maintenance and Repair of the Dwelling	2.5	103.9	102.2	100.6	-1.5	-3.2
Services for the Maintenance and Repair of the Dwelling	1.1	108.4	111.3	111.3	0.0	2.6
Water Supply	18.7	98.2	92.5	83.1	-10.2	-15.3
Electricity	54.7	126.3	112.2	95.3	-15.1	-24.6
Gas (LPG/Propane)	1.5	99.0	99.6	96.9	-2.8	-2.2
05 Furnishings, household equipment and routine household maintenance	42.7	107.7	110.1	110.3	0.2	2.4
Furniture and Furnishings	8.7	110.2	111.9	110.3	-1.4	0.1
Household Textiles	2.2	97.7	96.3	92.7	-3.7	-5.1
Major Household Appliances	4.6	105.0	106.4	106.8	0.4	1.6
Small Electric Household Appliances	1.0	109.2	105.6	124.8	18.2	14.3
Repair of Household Appliances	2.2	111.5	126.1	126.1	0.0	13.0
Glassware, Tableware and Household Utensils	1.8	114.8	119.7	119.2	-0.4	3.8
Small Tools and Miscellaneous Accessories	1.6	121.7	126.3	128.4	1.7	5.5
Non-Durable Household Goods	11.9	110.7	113.6	114.5	0.7	3.4
Employed Staff (Paid Staff Privately Employed)	8.6	100.0	100.0	100.0	0.0	0.0
06 Health	20.9	107.0	109.7	109.4	-0.3	2.2
Pharmaceutical Products	6.1	122.6	131.0	130.0	-0.8	6.0
Other Medicinal Products	0.6	109.7	113.3	110.5	-2.5	0.7
Therapeutic Appliances and Equipment	2.1	99.7	100.3	100.3	0.0	0.6
Medical Services	5.2	100.0	100.0	100.0	0.0	0.0
Dental Services	1.7	100.0	101.6	101.6	0.0	1.6
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 19	June 20	Sept 20	3 months ago	1 year ago
07 Transport	162.0	117.1	107.9	109.0	1.0	-6.9
Purchase of Motor Vehicles	35.8	102.5	122.4	126.9	3.7	23.9
Spare Parts and Accessories for Personal Transport Equipment	4.8	118.2	110.7	111.4	0.6	-5.7
Fuels	43.4	111.2	96.9	95.6	-1.4	-14.1
Maintenance and Repair of Personal Transport Equipment	12.9	120.7	133.2	132.2	-0.8	9.5
Other Services In Respect of Personal Transport Equipment	11.9	100.8	91.7	99.8	8.8	-1.0
Passenger Transport by Road	3.0	99.5	104.3	93.9	-10.0	-5.5
Passenger Transport by Air	46.8	139.2	103.9	103.9	0.0	-25.4
Other Purchased Transport Services	3.4	97.5	110.8	115.5	4.3	18.4
08 Communication	39.1	109.9	115.3	117.2	1.6	6.7
Telephone and Telefax Equipment	3.4	95.6	134.7	144.8	7.5	51.4
Telephone and Telefax Services	35.7	111.2	113.5	114.5	0.9	3.0
09 Recreation and Culture	59.2	108.3	103.2	102.2	-0.9	-5.6
Reception and Recording Equipment	2.3	83.3	86.6	82.0	-5.3	-1.6
Information Processing Equipment	1.9	128.6	141.6	145.8	3.0	13.4
Recording Media (Audio Visual, Media)	0.5	107.1	109.6	112.2	2.4	4.7
Major Durables for Outdoor Recreation	2.8	104.6	103.6	106.6	2.9	1.9
Games, Toys and Hobbies	1.3	112.9	113.8	115.2	1.2	2.1
Equipment for Sport, Camping and Open-Air Recreation	1.5	103.2	100.3	100.2	-0.1	-2.9
Gardens, Plants and Flowers	1.3	101.6	102.0	110.9	8.7	9.2
Pets and Related Products	3.1	113.0	114.7	109.7	-4.3	-2.9
Veterinary and Other Services For Pets	3.8	87.5	87.3	90.3	3.5	3.2
Recreation and Sporting Services	8.9	140.5	152.2	158.4	4.1	12.8
Cultural Services	17.2	98.0	96.1	95.8	-0.3	-2.3
Books	1.3	64.7	76.5	76.5	0.0	18.3
Newspapers and Periodicals	1.3	100.0	141.7	141.7	0.0	41.7
Package Holidays (Abroad)	12.2	113.4	74.7	64.4	-13.7	-43.2
10 Education	38.2	109.0	112.9	110.8	-1.9	1.7
Pre Primary and Primary Education	18.1	111.2	115.4	113.5	-1.6	2.2
Secondary Education	10.5	112.0	113.1	114.3	1.1	2.1
Tertiary Education	7.1	102.1	110.7	111.9	1.1	9.7
Education Not Definable by Level	2.5	100.4	100.4	73.0	-27.2	-27.2
11 Restaurants and Hotels	83.5	101.8	100.8	101.2	0.4	-0.6
Restaurants, Cafes and the Like	64.3	101.9	103.2	103.9	0.7	1.9
Canteens at Educational Establishments Or Work	8.8	98.4	99.1	97.0	-2.1	-1.4
Accommodation Services (Local & Abroad)	10.3	104.0	87.2	88.1	1.1	-15.3
12 Miscellaneous Goods and Services	98.2	101.7	101.4	101.6	0.1	-0.1
Hairdressing Salons and Personal Grooming Establishments	12.8	106.9	109.5	101.5	-7.4	-5.1
Other Appliances, Articles and Products for Personal Care	15.6	103.7	105.6	102.5	-3.0	-1.1
Jewellery and Watches	2.3	117.6	121.1	121.1	0.0	2.9
Other Personal Effects	1.9	96.0	106.7	105.8	-0.9	10.2
Social Protection	5.6	105.4	104.2	110.0	5.5	4.4
Housing Contents Insurance	3.1	103.6	103.6	103.6	0.0	0.0
Health Insurance	33.6	98.5	99.7	101.8	2.1	3.4
Vehicle Insurance	11.7	96.7	82.5	88.0	6.6	-8.9
Other Financial Services	7.8	96.3	96.3	96.3	0.0	0.0
Other Services Not Elsewhere Classified	3.9	116.7	120.0	120.0	0.0	2.8

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

 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
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	106.5	105.3	108.9	101.2	98.3	104.1	99.3	100.7	103.5
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	107.9	115.3	103.2	112.9	100.8	101.4	110.4
SEPTEMBER	113.1	107.1	111.2	113.5	110.3	109.4	109.0	117.2	102.2	141.0	101.2	97.0	109.5
% CHANGE OVER PREV YEAR	5.0	0.9	2.9	-2.8	2.4	2.2	-6.9	6.7	-5.6	29.4	-0.6	-4.6	-1.6
% CHANGE OVER PREV QTR	0.4	1.2	0.8	-4.0	0.2	-0.3	1.0	1.6	-0.9	24.9	0.4	-4.4	-0.8

**TABLE 5: Average Prices of Selected Items
Quarter Ending September 2020**

Item	Quantity	Average Prices		
		Sept 19	Jun 20	Sept 20
Sliced Brown Bread	20 oz	2.93	2.89	2.88
Enriched Parboiled Long Grain Rice	5 lb	9.96	9.96	9.99
Cornflakes (original)	24 oz	6.89	6.88	6.86
Stew Beef	per lb	5.28	6.67	6.69
Corned Beef - regular	340 g	4.89	5.06	4.56
Salmon Steaks - Fresh	per lb	13.48	14.21	13.70
Canned Tuna in water	5 oz	1.74	1.74	1.74
Eggs (Grade A Extra Large)	1 doz	2.91	4.05	3.89
Butter - Salted	227 g	5.02	6.62	6.59
Condensed Milk	395 g	2.02	2.02	2.02
Vegetable Oil	48 oz	6.52	6.36	6.36
Plantain	per lb	1.36	1.32	1.43
Potatoes - Irish	5lb bag	4.39	4.46	4.57
Lettuce - Iceberg	each	2.82	2.61	2.88
Sweet Potatoes	per lb	3.05	3.75	3.75
Tomatoes - Slicing	per lb	3.12	3.46	3.55
Bananas - Ripe	per lb	0.99	0.97	1.06
Apple - Red Delicious	per lb	1.98	1.95	2.00
Grapes - Red Seedless	per lb	4.22	4.51	4.52
Tea - 100% Natural	100 bags	6.67	7.82	7.79
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	2.49	2.49
Iodized Salt	26 oz	1.19	1.25	1.26
Petrol - Regular Full Service	per gal	4.58	3.98	3.96
Petrol - Premium Full Service	per gal	4.95	4.32	4.23
Diesel - Full Service	per gal	4.48	3.95	3.82

**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
Dec-19	112.9	9.5

***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	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	110.8	-0.4	1.5
	September	98.9	-10.7	-10.6

TABLE 8: CORE CONSUMER PRICE INDICES AND INFLATION BY DIVISIONS AND GROUPS - THIRD QUARTER 2020

Major Groups	Index						Percentage Change	
	Weight	Sep 19	Dec 19	Mar 20	Jun 20	Sep 20	3 months ago	1 year ago
Overall	834.3	110.6	112.9	111.3	110.8	98.9	-10.7	-10.6
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	106.2	105.3	105.2	105.9	109.5	3.4	3.1
Spirits and Alcoholic Cordials	3.2	102.1	102.6	102.9	103.4	110.7	7.0	8.4
Wine	6.7	110.3	106.5	106.4	107.3	105.2	-1.9	-4.6
Beer	8.5	104.9	104.7	104.6	105.2	106.9	1.6	1.9
Tobacco	3.9	105.2	106.5	106.5	106.9	121.2	13.4	15.2
03 Clothing & Footwear	33.3	108.0	107.6	109.6	110.3	61.3	-44.4	-43.3
Clothing	14.4	113.7	111.2	118.3	119.2	-	-100.0	-100.0
Footwear	3.9	106.4	110.0	103.7	104.0	103.8	-0.3	-2.5
Clothing purchased abroad	11.9	102.5	103.2	102.2	102.9	104.8	1.9	2.2
Footwear purchased abroad	3.0	104.9	104.9	105.0	104.9	127.5	21.4	21.5
04 Housing, water, electricity, gas and other fuels	278.3	115.0	114.9	117.9	117.9	105.1	-10.9	-8.7
Actual Rentals paid by Tenants	85.7	121.7	121.7	127.6	127.5	116.1	-8.9	-4.6
Imputed Rentals for Owner Occupiers	170.3	113.8	113.8	116.1	116.1	100.6	-13.3	-11.6
Materials for the Maintenance and Repair of the Dwelling	2.5	103.9	102.5	102.2	102.2	111.3	8.9	7.1
Services for the Maintenance and Repair of the Dwelling	1.1	108.4	106.6	111.3	111.3	83.1	-25.3	-23.3
Water Supply	18.7	98.2	96.0	91.9	92.5	95.3	3.0	-2.9
Electricity	-	-	-	-	-	-	-	-
Gas (LPG/Propane)	-	-	-	-	-	-	-	-
05 Furnishings, household equipment and routine household maintenance	42.7	107.7	109.0	109.6	110.1	86.7	-21.2	-19.5
Furniture and Furnishings	8.7	110.2	111.8	111.9	111.9	-	-100.0	-100.0
Household Textiles	2.2	97.7	95.8	96.8	96.3	106.8	10.9	9.3
Major Household Appliances	4.6	105.0	106.8	107.3	106.4	124.8	17.3	18.8
Small Electric Household Appliances	1.0	109.2	101.3	101.3	105.6	126.1	19.4	15.5
Repair of Household Appliances	2.2	111.5	128.5	126.1	126.1	119.2	-5.5	6.9
Glassware, Tableware and Household Utensils	1.8	114.8	119.3	119.2	119.7	-	-100.0	-100.0
Small Tools and Miscellaneous Accessories	1.6	121.7	121.6	126.9	126.3	114.5	-9.4	-5.9
Non-Durable Household Goods	11.9	110.7	110.6	112.0	113.6	100.0	-12.0	-9.6
Employed Staff (Paid Staff Privately Employed)	8.6	100.0	100.0	100.0	100.0	130.0	30.0	30.0
06 Health	20.9	107.0	106.9	107.9	109.7	109.0	-0.7	1.8
Pharmaceutical Products	6.1	122.6	121.9	124.7	131.0	110.5	-15.7	-9.9
Other Medicinal Products	0.6	109.7	111.6	112.4	113.3	100.3	-11.5	-8.6
Therapeutic Appliances and Equipment	2.1	99.7	100.3	100.3	100.3	100.0	-0.2	0.3
Medical Services	5.2	100.0	100.0	100.0	100.0	101.6	1.6	1.6
Dental Services	1.7	100.0	100.0	101.6	101.6	100.0	-1.6	0.0
Paramedical Services	1.0	100.0	100.0	100.0	100.0	100.7	0.7	0.7
Hospital Services	4.2	100.7	100.7	100.7	100.7	126.9	26.0	26.0

Major Groups	Weight	Sep 19	Dec 19	Mar 20	Jun 20	Sep 20	Percentage Change	
							3 months ago	1 year ago
07 Transport	118.6	119.2	133.6	114.4	112.0	107.0	-4.4	-10.2
Purchase of Motor Vehicles	35.8	102.5	114.7	128.2	122.4	111.4	-9.0	8.7
Spare Parts and Accessories for Personal Transport Equipment	4.8	118.2	118.7	109.7	110.7	95.6	-13.7	-19.1
Fuels	-	-	-	-	-	-	-	-
Maintenance and Repair of Personal Transport Equipment	12.9	120.7	120.1	130.2	133.2	99.8	-25.1	-17.3
Other Services In Respect of Personal Transport Equipment	11.9	100.8	97.4	102.0	91.7	93.9	2.4	-6.8
Passenger Transport by Road	3.0	99.5	103.1	105.5	104.3	103.9	-0.4	4.5
Passenger Transport by Air	46.8	139.2	166.2	103.9	103.9	115.5	11.2	-17.0
Other Purchased Transport Services	3.4	97.5	110.6	110.8	110.8	-	-100.0	-100.0
08 Communication	39.1	109.9	109.9	115.0	115.3	84.9	-26.4	-22.7
Telephone and Telefax Equipment	3.4	95.6	95.6	134.7	134.7	114.5	-15.0	19.8
Telephone and Telefax Services	35.7	111.2	111.2	113.1	113.5	82.0	-27.7	-26.3
09 Recreation and Culture	59.2	108.3	106.1	106.1	103.2	96.5	-6.5	-10.8
Reception and Recording Equipment	2.3	83.3	77.4	84.6	86.6	-	-100.0	-100.0
Information Processing Equipment	1.9	128.6	128.6	142.0	141.6	112.2	-20.7	-12.7
Recording Media (Audio Visual, Media)	0.5	107.1	108.9	109.6	109.6	106.6	-2.8	-0.5
Major Durables for Outdoor Recreation	2.8	104.6	102.0	101.1	103.6	115.2	11.2	10.1
Games, Toys and Hobbies	1.3	112.9	110.5	112.1	113.8	100.2	-12.0	-11.2
Equipment for Sport, Camping and Open-Air Recreation	1.5	103.2	102.9	100.3	100.3	110.9	10.6	7.5
Gardens, Plants and Flowers	1.3	101.6	102.4	102.0	102.0	109.7	7.6	8.0
Pets and Related Products	3.1	113.0	113.0	114.7	114.7	90.3	-21.3	-20.1
Veterinary and Other Services For Pets	3.8	87.5	87.5	87.3	87.3	158.4	81.6	81.1
Recreation and Sporting Services	8.9	140.5	152.2	152.2	152.2	95.8	-37.1	-31.8
Cultural Services	17.2	98.0	95.7	95.9	96.1	76.5	-20.3	-21.9
Books	1.3	64.7	76.5	76.5	76.5	141.7	85.1	118.9
Newspapers and Periodicals	1.3	100.0	141.7	141.7	141.7	64.4	-54.5	-35.6
Package Holidays (Abroad)	12.2	113.4	94.1	90.0	74.7	113.5	52.0	0.2
10 Education	38.2	109.0	113.0	112.9	112.9	105.3	-6.7	-3.4
Pre Primary and Primary Education	18.1	111.2	115.4	115.4	115.4	114.3	-0.9	2.9
Secondary Education	10.5	112.0	113.1	113.1	113.1	111.9	-1.0	-0.1
Tertiary Education	7.1	102.1	110.9	110.7	110.7	73.0	-34.0	-28.4
Education Not Definable by Level	2.5	100.4	100.4	100.4	100.4	103.9	3.5	3.5
11 Restaurants and Hotels	83.5	101.8	102.5	101.5	100.8	96.6	-4.2	-5.1
Restaurants, Cafes and the Like	64.3	101.9	103.9	102.7	103.2	97.0	-6.0	-4.9
Canteens at Educational Establishments Or Work	8.8	98.4	98.4	99.1	99.1	88.1	-11.0	-10.4
Accommodation Services (Local & Abroad)	10.3	104.0	97.6	96.2	87.2	101.5	16.4	-2.5
12 Miscellaneous Goods and Services	98.2	101.7	102.6	101.3	101.4	91.4	-9.8	-10.1
Hairdressing Salons and Personal Grooming Establishments	12.8	106.9	111.6	109.5	109.5	102.5	-6.4	-4.1
Other Appliances, Articles and Products for Personal Care	15.6	103.7	103.3	103.9	105.6	121.1	14.6	16.8
Jewellery and Watches	2.3	117.6	122.2	121.1	121.1	105.8	-12.6	-10.1
Other Personal Effects	1.9	96.0	95.8	101.8	106.7	110.0	3.1	14.6
Social Protection	5.6	105.4	108.5	108.5	104.2	-	-100.0	-100.0
Housing Contents Insurance	3.1	103.6	103.6	103.6	103.6	101.8	-1.8	-1.8
Health Insurance	33.6	98.5	98.5	100.0	99.7	88.0	-11.8	-10.6
Vehicle Insurance	11.7	96.7	96.7	82.5	82.5	96.3	16.7	-0.4
Other Financial Services	7.8	96.3	96.3	96.3	96.3	120.0	24.6	24.6
Other Services Not Elsewhere Classified	3.9	116.7	118.7	118.7	120.0	-	-100.0	-100.0

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 (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).

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:

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

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 = [p₁, p₂, . . . , 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.

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 immediate previous quarter. This is also known as the **quarter-on-quarter inflation rate**.

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

² Ibid, p.3