



KINGDOM OF TONGA

# Consumer Price Index

## Statistical Bulletin

OCTOBER 2017



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## STATISTICS DEPARTMENT

<b>CONSUMER PRICE INDEX FOR OCTOBER 2017</b>
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(Base Period: October 2010=100.0)

**Consumer Price Index for OCTOBER 2017 decreased by 0.2%**  
**With an Annual Inflation Rate of 6.1%**

*The Consumer Price Index covers price changes in the Tongatapu Division only. The weights were derived from the Household Income and Expenditure Survey (2009).*

1. The **Consumer Price Index (CPI)** for **October 2017** decreased by **0.2%** to **119.7** from **119.9** in the previous month. Over the previous two months, the index for all items decreased by **0.1%** in **September, 2017** and also decreased by **0.2%** in **August, 2017**.
2. When comparing the **local and imported** indices for **October 2017** to the previous month, local index decreased by **1.9%** and import index increase by **1.0%**.
3. The **annual rate of inflation** for **October 2017** was **6.1%** compares to **5.8%** in previous month. The **annual inflation** for the same month of previous year, **October 2016**, was **6.1% Inflation**.
4. When comparing the **annual change** in the **local and imported indices** for **October 2017**, the local index recorded an increase of **2.5%** and import index also increased by **8.8%**.

*Changes in each group compared with the previous month are as follows:*

- |           |   |               |
|-----------|---|---------------|
| <b>A.</b> | <b>FOOD</b><br>Food Group recorded a decrease towards the index position of <b>October 2017</b> . Although there was an increase in both local and imported <b>meat, fish and poultry</b> and <b>other food</b> but this increase was offset by decrease in prices of <b>fruits and vegetables</b> and <b>fish</b> . Price increase included octopus, suckling pig, mutton flaps, chicken pieces, lamb chops, turkey tails, sugar, soft drinks and both early and late yams. Decrease in price of vegetables and most crops include pineapples, tomatoes, carrots, cucumber, head cabbage, banana (green), pele (leafy vegetable), sweet potatoes and taro wetland. | <b>-0.6%</b>  |
| <b>B.</b> | <b>HOUSING</b><br>Price of items in this group recorded a decrease due to a decrease in price of high gloss paint compare to the previous month.  | <b>-0.3 %</b> |
| <b>C.</b> | <b>HOUSEHOLD OPERATIONS</b><br>Price of items in this group recorded a decrease due to a decrease in price of washing powder and kerosene.  | <b>-0.2%</b>  |
| <b>D.</b> | <b>CLOTHING &amp; FOOTWEAR</b><br>Price of items in this group recorded no change compare to the previous month.  | <b>0.0%</b>   |
| <b>E.</b> | <b>TRANSPORTATION</b><br>Price of items in this group recorded an increase due to an increase in price of <b>Diesel and Petrol</b> compare to the previous month.   | <b>1.3%</b>   |
| <b>F.</b> | <b>TOBACCO, ALCOHOL &amp; KAVA TONGA,</b><br>Price of items in this group recorded an increase due to an increase in price of <b>Tobacco</b> such as Winfield, although it is not very significant.   | <b>0.0%</b>   |
| <b>G.</b> | <b>MISC. GOODS AND SERVICES</b><br>Price of items in this group recorded a decrease due to decrease in price of deodorant (roll on) compare to the previous month.  | <b>-0.1%</b>  |

  
 Dr. Viliami K Fifita

Government Statistician



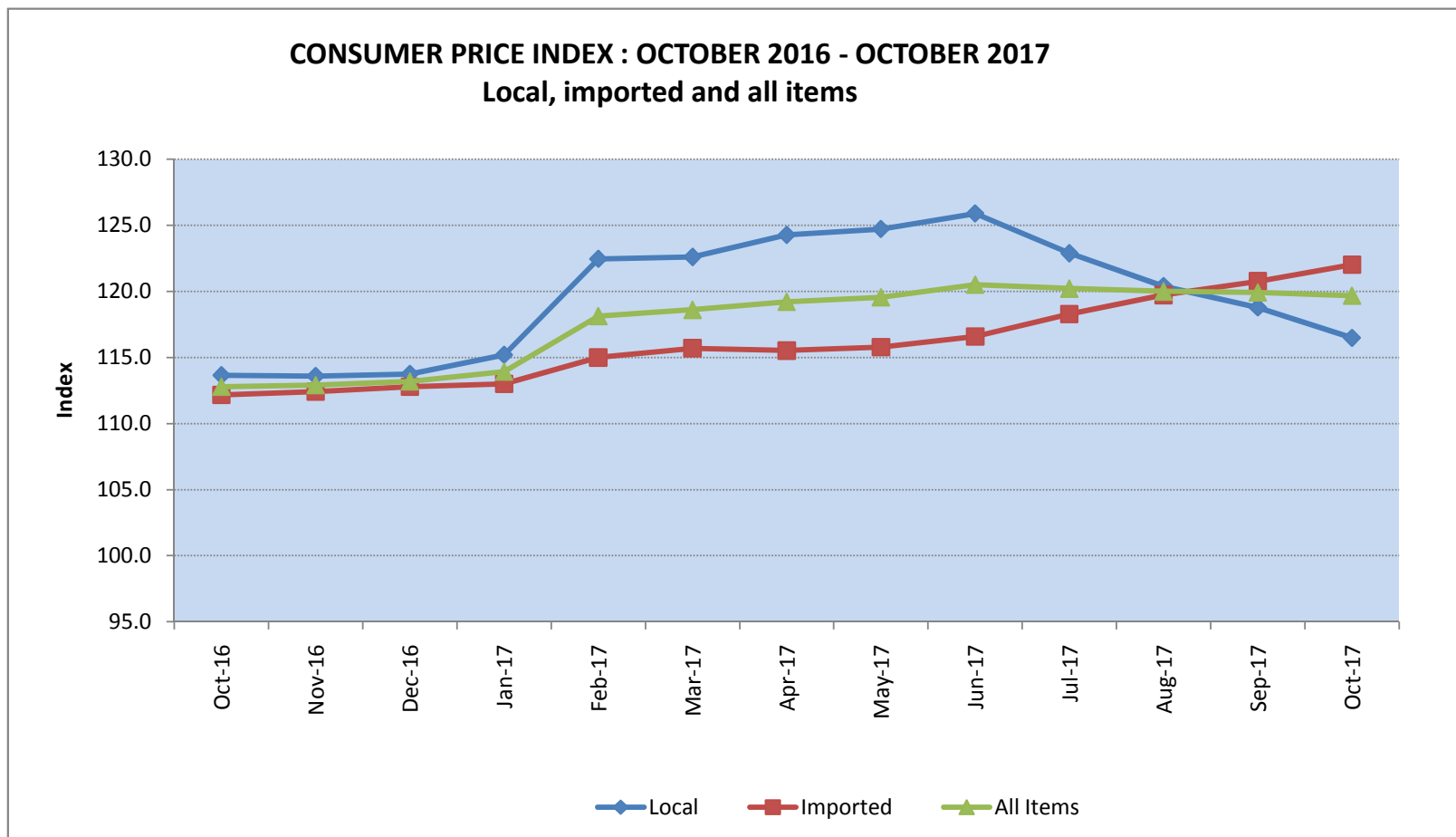


Fig 1: Graphical representation of Consumer Price Index for Total, Local and Imported Components

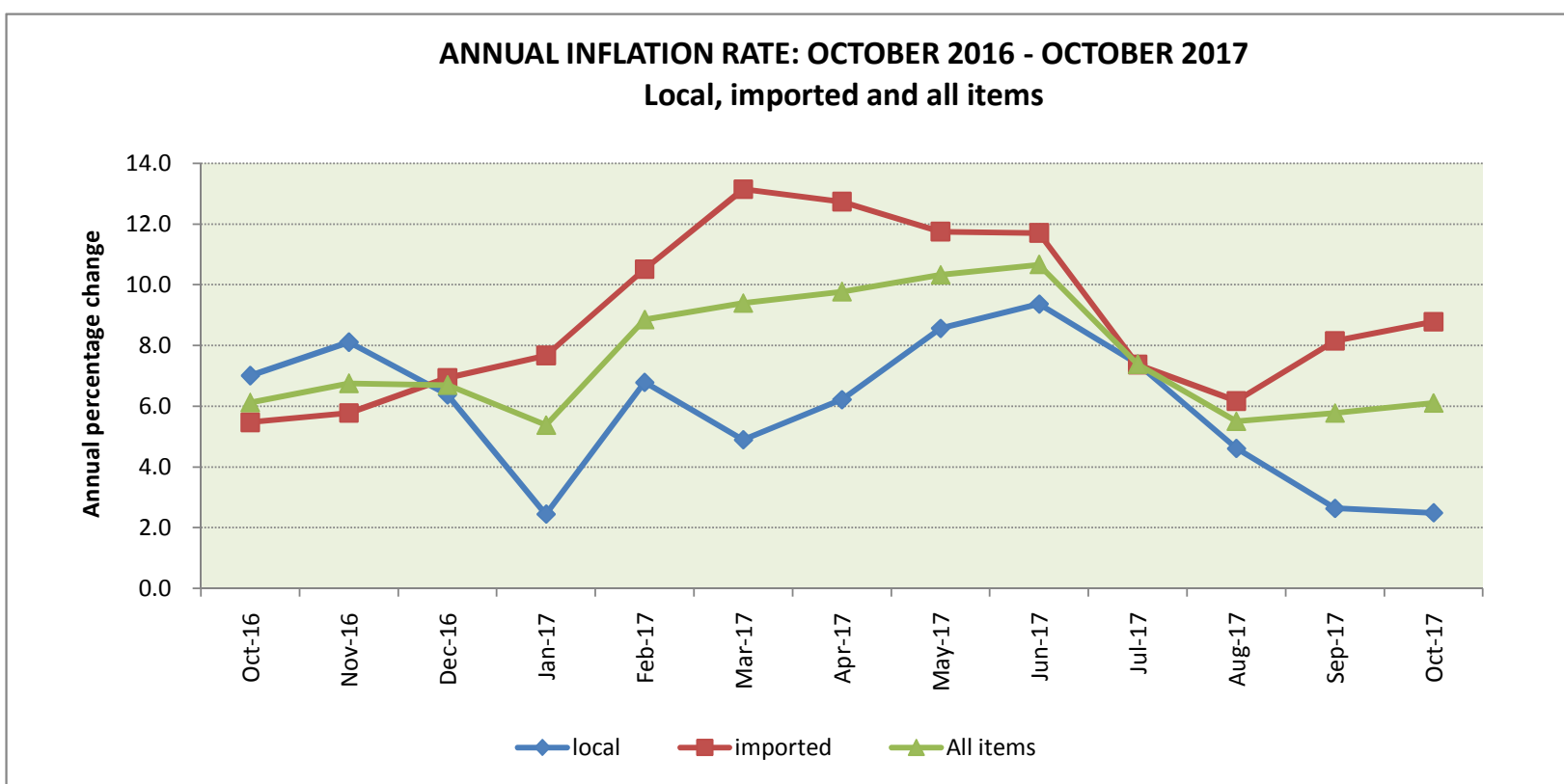
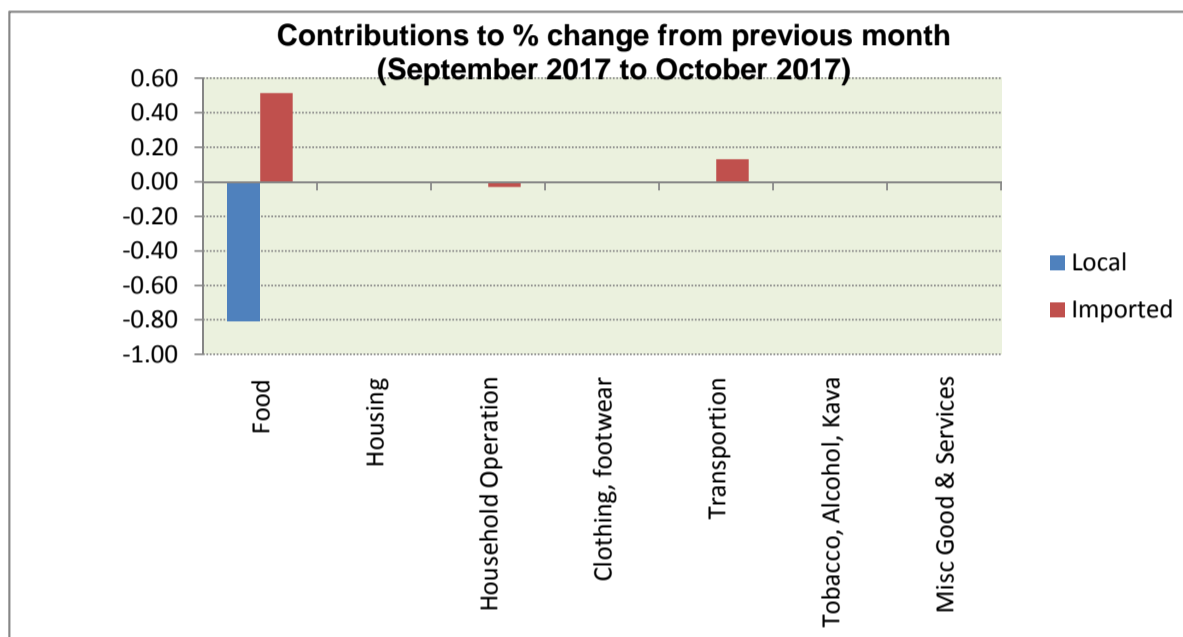


Fig 2: Graphical representation of Annual Inflation rate (%) for Local, Imported and All Items as measured by Consumer Price Index (CPI)

**Fig 3: Contribution to % change from previous month, All groups  
September 2017 to October 2017 -0.2%.**

Group	Local	Imported	Total
Food	-0.81	0.51	-0.30
Housing	0.00	-0.01	-0.01
Household Operation	0.00	-0.03	-0.03
Clothing, footwear	0.00	0.00	0.00
Transportation	0.00	0.13	0.13
Tobacco, Alcohol, Kava	0.00	0.00	0.00
Misc Good & Services	0.00	-0.01	-0.01
<b>TOTAL</b>	<b>-0.8</b>	<b>0.6</b>	<b>-0.2</b>



**Fig 4: Contribution to % change from last year, All groups  
October 2016 to October 2017 6.1%.**

	Local	Imported	Total
Food	-0.3	3.5	3.2
Housing	0.3	0.0	0.3
Household Operation	0.6	0.1	0.7
Clothing, footwear	0.0	0.0	0.0
Transportation	0.0	0.6	0.6
Tobacco, Alcohol, Kava	0.5	1.0	1.4
Misc Good & Services	0.0	-0.2	-0.2
<b>TOTAL</b>	<b>1.1</b>	<b>5.0</b>	<b>6.1</b>

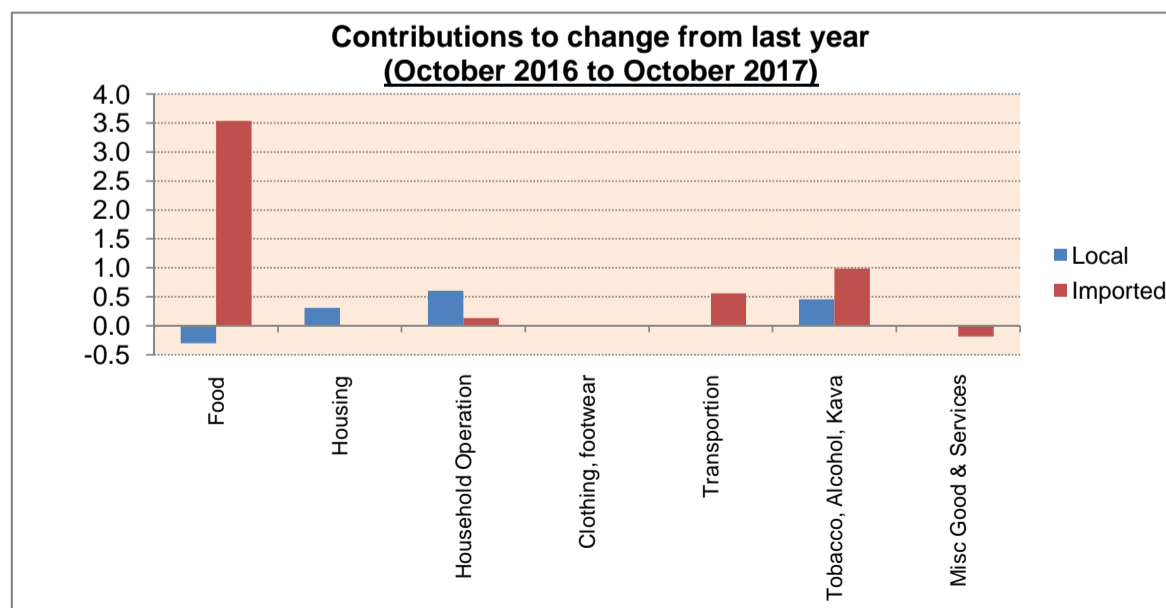


Table 1: Consumer Price Index by major groups  
(Base Period : October 2010=100.0)  
OCTOBER 2017

Year/month	All items	Food	Housing	Household operations	Clothing & footwear	Transportation	Tobacco, alcohol & kava	Misc. goods & services
<i>Weight</i>	<i>100.00</i>	<i>45.76</i>	<i>2.52</i>	<i>20.80</i>	<i>3.16</i>	<i>11.93</i>	<i>6.00</i>	<i>9.83</i>
<b>2014</b> January	109.5	112.8	101.4	104.4	117.8	113.9	100.4	104.1
February	110.1	114.0	101.6	104.5	117.8	114.6	100.4	104.1
March	111.4	116.5	101.6	104.6	117.8	114.4	102.4	104.2
April	111.3	116.3	101.3	104.6	117.8	114.6	102.4	104.3
May	110.2	114.2	101.3	104.4	117.8	114.4	100.1	104.6
June	108.5	110.4	101.4	104.0	118.0	114.4	100.2	106.1
July	108.4	110.2	101.7	103.8	118.0	114.6	100.2	106.0
August	109.2	112.2	101.5	103.8	118.0	114.0	100.2	106.0
September	107.9	109.6	101.2	103.8	121.5	112.0	100.2	106.0
October	107.7	109.5	101.5	103.8	121.5	110.8	99.6	105.8
November	107.8	110.0	101.3	103.8	121.5	109.5	99.6	105.8
December	107.3	110.5	101.1	102.6	121.5	106.3	99.6	105.8
<b>2015</b> January	109.6	115.8	101.2	102.4	127.7	101.0	104.0	105.9
February	108.8	117.2	100.9	99.6	127.7	94.1	104.8	105.9
March	106.9	114.0	101.2	97.5	127.7	93.6	104.7	105.9
April	109.6	119.1	100.7	97.5	127.7	97.0	104.8	105.9
May	109.5	117.6	101.3	99.3	127.7	98.5	105.2	105.9
June	108.7	115.9	101.4	97.8	127.7	100.7	105.6	105.9
July	110.1	118.0	101.0	98.0	127.7	104.1	106.2	105.9
August	108.2	113.3	101.1	97.9	131.5	104.1	107.4	106.0
September	105.9	109.5	101.7	97.3	131.5	100.6	107.5	106.0
October	106.3	110.6	102.1	97.6	131.5	99.0	107.7	106.0
November	105.8	109.5	102.0	97.6	131.5	98.4	108.3	106.0
December	106.1	110.7	101.5	96.6	132.3	97.6	109.4	105.8
<b>2016</b> January	108.1	111.7	102.9	100.4	138.7	95.1	111.1	113.0
February	108.5	112.2	103.6	100.4	138.7	92.6	119.3	113.0
March	108.4	114.1	102.9	97.5	138.7	90.0	118.1	113.4
April	108.6	114.1	102.9	97.5	138.7	90.5	119.4	113.5
May	108.4	113.1	103.2	97.6	138.7	92.5	119.4	113.4
June	108.9	112.7	104.0	97.5	138.7	95.3	125.3	113.5
July	112.0	117.1	103.7	98.4	138.7	98.4	132.8	113.8
August	113.7	120.5	104.0	98.6	138.7	98.7	136.8	113.2
September	113.4	120.0	103.6	98.3	138.7	97.7	137.5	113.2
October	112.8	118.3	103.6	98.3	138.7	99.1	138.7	112.8
November	112.9	117.9	103.6	98.3	138.7	101.0	139.9	112.8
December	113.2	117.7	103.9	99.0	137.5	101.9	142.0	113.1
<b>2017</b> January	113.9	119.3	103.9	99.0	137.5	101.3	142.5	113.2
February	118.1	125.0	103.9	102.2	137.5	105.8	149.6	113.1
March	118.6	125.7	103.8	102.7	137.5	105.9	150.2	113.1
April	119.2	126.0	117.5	103.8	137.5	104.9	150.2	113.1
May	119.6	126.4	117.4	103.8	139.1	104.6	153.4	112.6
June	120.5	128.6	117.6	103.8	139.1	104.5	153.4	112.5
July	120.2	128.2	117.6	102.1	139.1	102.5	161.4	112.2
August	120.0	127.6	117.6	102.2	139.1	101.1	165.5	112.1
September	119.9	127.0	117.8	102.4	139.1	103.0	165.8	110.8
October	119.7	126.3	117.4	102.3	139.1	104.4	165.8	110.7
Percentage change between <b>SEPTEMBER 2017 and OCTOBER 2017 .</b>	<b>-0.2</b>	<b>-0.6</b>	<b>-0.3</b>	<b>-0.2</b>	<b>0.0</b>	<b>1.3</b>	<b>0.0</b>	<b>-0.1</b>
Percentage change between <b>OCTOBER 2016 and OCTOBER 2017 .</b>	<b>6.1</b>	<b>6.7</b>	<b>13.3</b>	<b>4.0</b>	<b>0.3</b>	<b>5.3</b>	<b>19.5</b>	<b>-1.9</b>

**Table 2: Consumer Price Index and annual inflation rate**  
**(Base Period: October 2010=100.0)**  
**OCTOBER 2017**

Year/month		Local	Import	All items	Monthly change for all items (%)	Annual inflation rate for period (%)	Average index for year	Average annual inflation rate (%)
<b>2015</b>	January	105.7	112.4	109.6	2.1	0.1		
	February	104.6	112.0	108.8	-0.7	-1.1		
	March	103.8	109.2	106.9	-1.8	-4.0		
	April	109.7	109.6	109.6	2.6	-1.5		
	May	110.1	109.1	109.5	-0.1	-0.6		
	June	109.8	108.0	108.7	-0.7	0.2	<b>108.5</b>	<b>0.1</b>
	July	112.6	108.3	110.1	1.3	1.6		
	August	109.7	107.0	108.2	-1.8	-1.0		
	September	105.0	106.6	105.9	-2.1	-1.9		
	October	106.2	106.4	106.3	0.3	-1.3		
	November	105.1	106.3	105.8	-0.5	-1.9		
	December	106.9	105.5	106.1	0.3	-1.2	<b>108.0</b>	<b>-1.1</b>
<b>2016</b>	January	112.4	105.0	108.1	1.9	-1.3		
	February	114.7	104.1	108.5	0.4	-0.3		
	March	116.9	102.3	108.4	-0.1	1.4		
	April	117.0	102.5	108.6	0.2	-0.9		
	May	114.9	103.6	108.4	-0.2	-1.0		
	June	115.1	104.4	108.9	0.5	0.1	<b>107.8</b>	<b>-0.6</b>
	July	114.4	110.2	112.0	2.8	1.6		
	August	115.1	112.8	113.7	1.6	5.1		
	September	115.7	111.7	113.4	-0.3	7.0		
	October	113.6	112.2	112.8	-0.5	6.1		
	November	113.6	112.4	112.9	0.1	6.8		
	December	113.7	112.8	113.2	0.3	6.7	<b>110.7</b>	<b>2.6</b>
<b>2017</b>	January	115.2	113.0	113.9	0.6	5.4		
	February	122.5	115.0	118.1	3.7	8.9		
	March	122.6	115.7	118.6	0.4	9.4		
	April	124.3	115.5	119.2	0.5	9.8		
	May	124.7	115.8	119.6	0.3	10.3		
	June	125.9	116.6	120.5	0.8	10.7	<b>115.7</b>	<b>0.9</b>
	July	122.9	118.3	120.2	-0.2	7.4		
	August	120.4	119.7	120.0	-0.2	5.5		
	September	118.8	120.8	119.9	-0.1	5.8		
	October	116.5	122.0	119.7	-0.2	6.1	<b>118.0</b>	<b>7.7</b>

**Table 3: Consumer Price Index with local and imported components**  
Percentage change from previous month  
(Base Period: October 2010 = 100.0)  
OCTOBER 2017

	Weights			October 2017			September 2017			% Change		
	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total
<b>A. FOOD</b>	<b>17.8</b>	<b>27.9</b>	<b>45.8</b>	<b>118.1</b>	<b>131.5</b>	<b>126.3</b>	<b>123.5</b>	<b>129.3</b>	<b>127.0</b>	<b>-4.4</b>	<b>1.7</b>	<b>-0.6</b>
Fruit and Vegetables	6.5	0.9	7.5	124.1	114.5	122.9	132.4	114.9	130.2	-6.3	-0.3	-5.6
Meats, Fish & Poultry	3.7	14.6	18.4	117.6	145.3	139.6	128.2	143.0	139.9	-8.3	1.6	-0.2
Dairy Farm & Vegetable Products	0.5	3.2	3.6	102.5	117.9	115.9	109.2	116.3	115.4	-6.1	1.4	0.4
Cereals and Cereal Products	3.4	3.5	6.9	123.6	111.5	117.4	123.6	111.2	117.3	0.0	0.2	0.1
Other Food	0.0	5.7	5.7	0.0	118.8	118.8	0.0	114.9	114.9	-	3.4	3.4
Drinks, Sweets & Meals away from home	3.7	0.0	3.7	104.9	0.0	104.9	104.9	0.0	104.9	0.0	-	0.0
<b>B. HOUSING</b>	<b>1.7</b>	<b>0.8</b>	<b>2.5</b>	<b>122.7</b>	<b>106.3</b>	<b>117.4</b>	<b>122.7</b>	<b>107.6</b>	<b>117.8</b>	<b>0.0</b>	<b>-1.2</b>	<b>-0.3</b>
House Maintenance Goods	0.1	0.8	0.9	106.3	106.3	106.3	106.3	107.6	107.4	0.0	-1.2	-1.0
House Maintenance Services	1.6	0.0	1.6	123.8	0.0	123.8	123.8	0.0	123.8	0.0	-	0.0
<b>C. HOUSEHOLD OPERATIONS</b>	<b>17.3</b>	<b>3.5</b>	<b>20.8</b>	<b>103.0</b>	<b>98.6</b>	<b>102.3</b>	<b>103.0</b>	<b>99.6</b>	<b>102.4</b>	<b>0.0</b>	<b>-1.0</b>	<b>-0.2</b>
Domestic Fuel and Power	6.0	1.1	7.1	97.4	93.6	96.8	97.4	93.6	96.8	0.0	-0.1	0.0
H/hold Appl., Equipment & Utensils	0.0	1.2	1.2	0.0	103.7	103.7	0.0	103.7	103.7	-	0.0	0.0
Household Furni., Furn. & Textiles	1.4	0.0	1.4	142.9	0.0	142.9	142.9	0.0	142.9	0.0	-	0.0
H/hold Supplies & Services	4.7	1.2	5.9	94.0	98.2	94.8	94.0	101.1	95.4	0.0	-2.9	-0.6
Communications Services	5.2	0.0	5.2	106.9	0.0	106.9	106.9	0.0	106.9	0.0	-	0.0
<b>D. CLOTHING AND FOOTWEAR</b>	<b>0.0</b>	<b>3.2</b>	<b>3.2</b>	<b>0.0</b>	<b>139.1</b>	<b>139.1</b>	<b>0.0</b>	<b>139.1</b>	<b>139.1</b>	<b>-</b>	<b>0.0</b>	<b>0.0</b>
Clothing Supplies & Services	0.0	2.1	2.1	0.0	147.3	147.3	0.0	147.3	147.3	-	0.0	0.0
Footwear	0.0	1.0	1.0	0.0	122.0	122.0	0.0	122.0	122.0	-	0.0	0.0
<b>E. TRANSPORTATION</b>	<b>0.5</b>	<b>11.5</b>	<b>11.9</b>	<b>107.2</b>	<b>104.2</b>	<b>104.4</b>	<b>107.2</b>	<b>102.9</b>	<b>103.0</b>	<b>0.0</b>	<b>1.3</b>	<b>1.3</b>
Public Transportation	0.5	2.9	3.4	107.2	104.2	104.6	107.2	104.2	104.6	0.0	0.0	0.0
Private Transportation	0.0	8.6	8.6	0.0	104.3	104.3	0.0	102.4	102.4	-	1.8	1.8
<b>F. TOBACCO, ALCOHOL &amp; KAVA</b>	<b>1.5</b>	<b>4.5</b>	<b>6.0</b>	<b>223.6</b>	<b>146.6</b>	<b>165.8</b>	<b>223.6</b>	<b>146.6</b>	<b>165.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Tobacco	0.0	2.9	2.9	0.0	168.0	168.0	0.0	167.9	167.9	-	0.1	0.1
Alcohol	0.8	1.6	2.4	115.7	108.0	110.5	115.7	108.0	110.5	0.0	0.0	0.0
Kava	0.7	0.0	0.7	348.1	0.0	348.1	348.1	0.0	348.1	0.0	-	0.0
<b>G. MISC. GOODS &amp; SERVICES</b>	<b>3.5</b>	<b>6.4</b>	<b>9.8</b>	<b>127.5</b>	<b>101.6</b>	<b>110.7</b>	<b>127.5</b>	<b>101.7</b>	<b>110.8</b>	<b>0.0</b>	<b>-0.1</b>	<b>-0.1</b>
Medical Health Services & Supplies	0.2	0.3	0.6	100.0	111.1	106.5	100.0	111.1	106.5	0.0	0.0	0.0
Cosmetics and Toiletries	0.0	5.3	5.3	0.0	98.5	98.5	0.0	98.7	98.7	-	-0.2	-0.2
Personal Goods	0.1	0.2	0.2	0.0	100.0	100.0	0.0	100.0	100.0	-	0.0	0.0
Newspapers & Stationery Supplies		0.6	0.6	100.0	124.0	121.3	100.0	124.0	121.3	0.0	0.0	0.0
Leisure, Recreational & Craft Supplies	0.4	0.0	0.4	306.6	0.0	306.6	306.6	0.0	306.6	0.0	-	0.0
Other Goods and Services	0.8	0.0	0.8	103.1	0.0	103.1	103.1	0.0	103.1	0.0	-	0.0
Education	2.0	0.0	2.0	103.8	103.8	103.8	103.8	103.8	103.8	0.0	0.0	0.0
<b>TOTAL</b>	<b>42.2</b>	<b>57.8</b>	<b>100.0</b>	<b>116.5</b>	<b>122.0</b>	<b>119.7</b>	<b>118.8</b>	<b>120.8</b>	<b>119.9</b>	<b>-1.9</b>	<b>1.0</b>	<b>-0.2</b>

**Table 4: Consumer Price Index with local and imported components**  
**Percentage change from same month of previous year**  
**(Base Period: October 2010 = 100.0)**  
**OCTOBER 2017**

	Weights			October 2017			October 2016			% Change		
	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total
<b>A. FOOD</b>	<b>17.8</b>	<b>27.9</b>	<b>45.8</b>	<b>118.1</b>	<b>131.5</b>	<b>126.3</b>	<b>120.0</b>	<b>117.2</b>	<b>118.3</b>	<b>-1.6</b>	<b>12.2</b>	<b>6.7</b>
Fruit and Vegetables	6.5	0.9	7.5	124.1	114.5	122.9	132.6	102.3	128.8	-6.4	12.0	-4.6
Meat, Fish & Poultry	3.7	14.6	18.4	117.6	145.3	139.6	108.8	123.0	120.1	8.1	18.1	16.3
Dairy Farm & Vegetables Products	0.5	3.2	3.6	102.5	117.9	115.9	111.7	108.5	108.9	-8.2	8.7	6.4
Cereals and Cereal Products	3.4	3.5	6.9	123.6	111.5	117.4	125.7	110.0	117.7	-1.7	1.3	-0.3
Other Food	0.0	5.7	5.7	0.0	118.8	118.8	0.0	114.1	114.1	-	4.1	4.1
Drinks, Sweets & Meals away from home	3.7	0.0	3.7	104.9	0.0	104.9	104.9	0.0	104.9	0.0	-	0.0
<b>B. HOUSING</b>	<b>1.7</b>	<b>0.8</b>	<b>2.5</b>	<b>122.7</b>	<b>106.3</b>	<b>117.4</b>	<b>102.4</b>	<b>105.9</b>	<b>103.6</b>	<b>19.8</b>	<b>0.4</b>	<b>13.3</b>
House Maintenance Goods	0.1	0.8	0.9	106.3	106.3	106.3	106.3	105.9	105.9	0.0	0.4	0.3
House Maintenance Services	1.6	0.0	1.6	123.8	0.0	123.8	102.2	0.0	102.2	21.2	-	21.2
<b>C. HOUSEHOLD OPERATIONS</b>	<b>17.3</b>	<b>3.5</b>	<b>20.8</b>	<b>103.0</b>	<b>98.6</b>	<b>102.3</b>	<b>99.1</b>	<b>94.4</b>	<b>98.3</b>	<b>4.0</b>	<b>4.4</b>	<b>4.0</b>
Domestic Fuel and Power	6.0	1.1	7.1	97.4	93.6	96.8	86.6	82.9	86.0	12.5	12.9	12.5
H/hold Appl., Equipment & Utensils	0.0	1.2	1.2	0.0	103.7	103.7	0.0	102.6	102.6	-	1.1	1.1
H/hold Furniture, Furniture & Textiles	1.4	0.0	1.4	142.9	0.0	142.9	131.5	0.0	131.5	8.7	-	8.7
H/hold Supplies & Services	4.7	1.2	5.9	94.0	98.2	94.8	94.0	97.1	94.6	0.0	1.1	0.2
Communications Services	5.2	0.0	5.2	106.9	0.0	106.9	109.3	0.0	109.3	-2.2	-	-2.2
<b>D. CLOTHING AND FOOTWEAR</b>	<b>0.0</b>	<b>3.2</b>	<b>3.2</b>	<b>0.0</b>	<b>139.1</b>	<b>139.1</b>	<b>0.0</b>	<b>138.7</b>	<b>138.7</b>	<b>-</b>	<b>0.3</b>	<b>0.3</b>
Clothing Supplies & Services	0.0	2.1	2.1	0.0	147.3	147.3	0.0	146.7	146.7	-	0.4	0.4
Footwear	0.0	1.0	1.0	0.0	122.0	122.0	0.0	122.0	122.0	-	0.0	0.0
<b>E. TRANSPORTATION</b>	<b>0.5</b>	<b>11.5</b>	<b>11.9</b>	<b>107.2</b>	<b>104.2</b>	<b>104.4</b>	<b>107.2</b>	<b>98.8</b>	<b>99.1</b>	<b>0.0</b>	<b>5.6</b>	<b>5.3</b>
Public Transport	0.5	2.9	3.4	107.2	104.2	104.6	107.2	104.2	104.6	0.0	0.0	0.0
Private Transport	0.0	8.6	8.6	0.0	104.3	104.3	0.0	96.9	96.9	-	7.6	7.6
<b>F. TOBACCO, ALCOHOL &amp; KAVA</b>	<b>1.5</b>	<b>4.5</b>	<b>6.0</b>	<b>223.6</b>	<b>146.6</b>	<b>165.8</b>	<b>189.2</b>	<b>121.9</b>	<b>138.7</b>	<b>18.2</b>	<b>20.3</b>	<b>19.5</b>
Tobacco	0.0	2.9	2.9	0.0	168.0	168.0	0.0	135.7	135.7	-	23.8	23.8
Alcohol	0.8	1.6	2.4	115.7	108.0	110.5	115.7	97.1	103.3	0.0	11.2	7.0
Kava	0.7	0.0	0.7	348.1	0.0	348.1	274.0	0.0	274.0	27.0	-	27.0
<b>G. MISC. GOODS &amp; SERVICES</b>	<b>3.5</b>	<b>6.4</b>	<b>9.8</b>	<b>127.5</b>	<b>101.6</b>	<b>110.7</b>	<b>127.5</b>	<b>104.8</b>	<b>112.8</b>	<b>0.0</b>	<b>-3.1</b>	<b>-1.9</b>
Medical Health Services & Supplies	0.2	0.3	0.6	100.0	111.1	106.5	100.0	111.1	106.5	0.0	0.0	0.0
Cosmetics and Toiletries	0.0	5.3	5.3	0.0	98.5	98.5	0.0	100.0	100.0	-	-1.4	-1.4
Personal Goods	0.1	0.2	0.2	0.0	100.0	100.0	0.0	100.0	100.0	-	0.0	0.0
Newspapers & Stationery Supplies	0.1	0.6	0.6	100.0	124.0	121.3	100.0	147.1	141.7	0.0	-15.7	-14.4
Leisure, Recreational & Craft Supplies	0.4	0.0	0.4	306.6	0.0	306.6	306.6	0.0	306.6	0.0	-	0.0
Other Goods and Services	0.8	0.0	0.8	103.1	0.0	103.1	103.1	0.0	103.1	0.0	-	0.0
Education	2.0	0.0	2.0	103.8	103.8	103.8	103.8	103.8	103.8	0.0	0.0	0.0
<b>TOTAL</b>	<b>42.2</b>	<b>57.8</b>	<b>100.0</b>	<b>116.5</b>	<b>122.0</b>	<b>119.7</b>	<b>113.6</b>	<b>112.2</b>	<b>112.8</b>	<b>2.5</b>	<b>8.8</b>	<b>6.1</b>



Table 5: Consumer Price Index															TONGA		
Groups and subgroups - index numbers															SDT:23-371		
(Base Period: October 2010 = 100.0)																	
October 2017																	
Group or Subgroup	Annual		Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17		
	2013	2014															
<b>A.FOOD GROUP</b>	<b>108.2</b>	<b>112.2</b>	<b>118.3</b>	<b>117.9</b>	<b>117.7</b>	<b>119.3</b>	<b>125.0</b>	<b>125.7</b>	<b>126.0</b>	<b>126.4</b>	<b>128.6</b>	<b>128.2</b>	<b>127.6</b>	<b>127.0</b>	<b>126.3</b>		
Fruit and Vegetables	103.1	109.6	128.8	129.4	125.1	133.6	163.3	165.7	166.6	167.1	173.9	158.9	140.8	130.2	122.9		
Meats, Fish & Poultry	114.1	120.6	120.1	118.7	119.9	120.7	122.0	121.7	121.5	122.8	125.4	130.3	134.6	139.9	139.6		
Dairy Farm & Vegetable Produ	108.2	110.7	108.9	107.2	107.6	107.0	108.0	111.0	111.9	112.2	113.8	114.1	117.4	115.4	115.9		
Cereals and Cereal Products	107.6	108.2	117.7	118.1	117.8	117.6	117.9	118.1	118.4	118.2	117.8	118.1	119.1	117.3	117.4		
Other Food	102.2	101.7	114.1	115.2	115.4	115.6	117.1	118.4	119.6	118.0	117.1	117.7	119.3	114.9	118.8		
Drinks, Sweets & Meals away f	100.1	100.7	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9		
<b>B.HOUSING GROUP</b>	<b>100.7</b>	<b>101.4</b>	<b>103.6</b>	<b>103.6</b>	<b>103.9</b>	<b>103.9</b>	<b>103.9</b>	<b>103.8</b>	<b>117.5</b>	<b>117.4</b>	<b>117.6</b>	<b>117.6</b>	<b>117.6</b>	<b>117.8</b>	<b>117.4</b>		
House Maintenance Goods	101.9	103.9	105.9	105.9	106.8	106.8	106.8	106.8	106.8	106.3	107.0	107.0	107.0	107.4	106.3		
House Maintenance Services	100.0	100.0	102.2	102.2	102.2	102.2	102.2	102.2	123.8	123.8	123.8	123.8	123.8	123.8	123.8		
<b>C.HOUSEHOLD OPERATION GROUP</b>	<b>103.4</b>	<b>104.0</b>	<b>98.3</b>	<b>98.3</b>	<b>99.0</b>	<b>99.0</b>	<b>102.2</b>	<b>102.7</b>	<b>103.8</b>	<b>103.8</b>	<b>103.8</b>	<b>102.1</b>	<b>102.2</b>	<b>102.4</b>	<b>102.3</b>		
Domestic Fuel and Power	108.5	110.5	86.0	86.0	88.0	88.1	97.5	98.8	102.2	102.2	102.2	97.6	97.6	96.8	96.8		
H/hold Appl., Equipment & Ute	100.0	100.1	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	103.7	103.7		
Household Furni., Furn. & Text	107.5	107.6	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	142.9	142.9		
H/hold Supplies & Services	100.0	99.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.6	94.6	94.3	94.4	95.4	94.8		
Communications Services	100.0	100.0	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	106.9	106.9		
<b>D.CLOTHING AND FOOTWEAR GROUP</b>	<b>104.6</b>	<b>119.1</b>	<b>138.7</b>	<b>138.7</b>	<b>137.5</b>	<b>137.5</b>	<b>137.5</b>	<b>137.5</b>	<b>137.5</b>	<b>139.1</b>	<b>139.1</b>	<b>139.1</b>	<b>139.1</b>	<b>139.1</b>	<b>139.1</b>		
Clothing Supplies & Services	106.8	124.7	146.7	146.7	145.0	145.0	145.0	145.0	145.0	147.3	147.3	147.3	147.3	147.3	147.3		
Footwear	100.0	107.5	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0		
<b>E.TRANSPORTATION GROUP</b>	<b>113.1</b>	<b>112.8</b>	<b>99.1</b>	<b>101.0</b>	<b>101.9</b>	<b>101.3</b>	<b>105.8</b>	<b>105.9</b>	<b>104.9</b>	<b>104.6</b>	<b>104.5</b>	<b>102.5</b>	<b>101.1</b>	<b>103.0</b>	<b>104.4</b>		
Public Transportation	105.0	105.0	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6		
Private Transportation	116.3	115.9	96.9	99.6	100.9	100.0	106.3	106.4	105.0	104.6	104.5	101.7	99.7	102.4	104.3		
<b>F.TOBACCO, ALCOHOL &amp; KAVA GROU</b>	<b>99.8</b>	<b>100.4</b>	<b>138.7</b>	<b>139.9</b>	<b>142.0</b>	<b>142.5</b>	<b>149.6</b>	<b>150.2</b>	<b>150.2</b>	<b>153.4</b>	<b>153.4</b>	<b>161.4</b>	<b>165.5</b>	<b>165.8</b>	<b>165.8</b>		
Tobacco	102.5	102.4	135.7	135.7	135.7	136.7	147.0	148.1	148.1	148.1	148.1	164.7	167.3	167.9	168.0		
Alcohol	96.6	98.1	103.3	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	110.5	110.5	110.5		
Kava	100.0	100.0	274.0	274.0	292.5	292.5	311.1	311.1	311.1	338.8	338.8	338.8	348.1	348.1	348.1		
<b>G. MISC. GOODS &amp; SERVICES</b>	<b>102.5</b>	<b>105.3</b>	<b>112.8</b>	<b>112.8</b>	<b>113.1</b>	<b>113.2</b>	<b>113.1</b>	<b>113.1</b>	<b>113.1</b>	<b>112.6</b>	<b>112.5</b>	<b>112.2</b>	<b>112.1</b>	<b>110.8</b>	<b>110.7</b>		
Medical Health Services & Sup	100.4	108.8	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5		
Cosmetics and Toiletries	102.8	103.4	100.0	100.0	100.4	100.6	100.5	100.5	100.5	99.6	99.4	98.7	98.7	98.7	98.5		
Personal Goods	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	100.0	100.0		
Newspapers & Stationery Supp	114.5	132.5	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	121.3	121.3		
Supplies	100.0	100.0	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6		
Other Goods and Services	100.0	100.0	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1		
Education	100.0	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8		
<b>ALL GROUPS</b>	<b>106.4</b>	<b>109.1</b>	<b>112.8</b>	<b>112.9</b>	<b>113.2</b>	<b>113.9</b>	<b>118.1</b>	<b>118.6</b>	<b>119.2</b>	<b>119.6</b>	<b>120.5</b>	<b>120.2</b>	<b>120.0</b>	<b>119.9</b>	<b>119.7</b>		

Table 6: Monthly average price of selected local items

TONGA  
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	Unit	2015	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	
<b><u>ROOT CROPS</u></b>																
1	Talo - Futuna	1 kg	1.88	2.14	2.34	2.06	1.86	1.82	1.71	2.07	1.97	2.08	2.21	1.94	2.12	2.11
2	Talo - Tonga	1kg	2.15	2.12	3.53	2.38	2.87	1.89	2.37	2.56	2.08	2.24	2.49	3.06	2.83	1.73
3	Manioke	1 kg	0.64	0.64	0.58	0.58	0.59	0.48	0.46	0.47	0.57	0.55	0.53	0.53	0.50	0.48
4	Kumala	1 kg	2.32	1.56	1.65	1.98	2.19	1.66	1.70	1.74	2.09	2.62	2.50	2.88	2.62	2.33
5	Yams; early	1 kg	5.96	7.89	8.91	6.61	6.93	4.70	4.42	4.14	4.64	4.68	5.06	5.20	6.32	6.65
6	Yams, late	1 kg	2.83	3.55	3.13	3.13	3.13	4.00	2.68	2.60	2.60	2.76	2.65	2.56	3.66	5.53
<b><u>VEGETABLES</u></b>																
1	Lu	1 kg	5.74	12.00	7.12	6.60	8.04	10.27	7.31	7.67	7.13	8.45	8.27	6.53	5.24	5.58
2	Pele	1 kg	2.36	2.30	1.93	1.71	2.76	1.93	2.39	1.70	1.78	2.35	2.11	2.15	1.65	1.30
3	Tomatoes	1 kg	4.39	2.18	2.16	1.74	2.11	10.81	11.73	11.24	10.74	9.65	7.27	3.75	1.84	1.38
4	H/Cabbage	1 kg	2.54	1.31	1.03	1.67	2.60	4.08	5.30	5.34	4.50	3.34	1.67	1.14	1.11	0.90
5	Carrots	1 kg	4.12	2.63	2.49	2.32	3.44	4.19	3.93	5.29	4.72	4.95	4.51	3.81	2.70	2.44
6	Capsicum	1 kg	7.04	6.30	5.05	5.41	7.80	5.64	9.20	8.68	9.96	18.50	11.18	8.32	9.34	8.04
<b><u>FRUITS AND NUTS</u></b>																
1	Bananas ripe	1 kg	3.25	5.14	3.80	3.47	2.84	2.39	2.57	2.51	2.45	3.96	4.26	4.12	5.44	5.38
2	Watermelon	1 kg	1.94	1.65	1.89	1.95	1.51	1.09	1.44	1.58	1.58	1.79	2.23	1.96	1.39	1.27
3	Pineapple	1 kg	6.44	10.43	6.36	4.17	5.25	6.33	6.33	6.18	6.83	10.78	12.40	14.04	12.03	8.61
4	Pawpaw	1 kg	1.99	2.40	1.71	1.41	1.52	1.20	1.63	1.91	1.60	1.73	1.94	1.99	1.87	1.73
5	Coconut (dry)	1 kg	0.46	0.60	0.65	0.99	1.17	1.08	0.95	0.82	0.78	0.81	0.77	0.81	0.83	0.98
6	Coconut (green)	1 kg	0.89	1.20	1.37	1.50	1.29	1.38	1.06	1.03	1.01	1.34	1.27	1.16	1.40	1.42
7	Peanuts	1 kg	23.10	21.33	21.33	24.00	24.00	20.00	18.40	20.67	18.67	18.93	18.67	18.67	16.67	17.33
<b><u>MARINE AND ANIMAL PRODUCTS</u></b>																
1	Sausages	1 kg	6.76	6.45	6.45	6.45	6.45	6.70	6.70	6.70	6.70	6.70	6.70	7.00	7.00	7.03
2	Eggs	1 egg	16.54	16.75	15.25	16.00	16.00	15.88	16.38	16.38	16.38	16.63	16.63	16.38	16.38	15.38
3	Tuna	1 kg	10.06	10.00	11.50	11.50	11.17	10.92	11.07	10.88	11.33	10.13	12.00	13.00	13.00	11.00
4	Octopus	1 kg	17.04	14.42	15.42	20.38	23.72	12.13	11.74	14.15	16.60	16.32	16.98	15.05	18.30	20.07
5	Cockles (to'o)	1 kg	4.69	4.49	4.24	4.35	4.36	3.44	3.04	3.95	3.95	5.13	5.80	5.42	5.33	4.64
6	Stringed fish (Mixed)	1 kg	8.11	7.58	7.17	7.24	8.10	8.13	7.69	8.33	8.57	8.15	8.63	9.58	8.90	8.07

Table 7: Monthly average price of selected imported items

	Unit	Annual															Annual change %	
		2014	2015	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	June 17	July 17	Aug 17	Sept 17	Oct 17		
<b>FOOD</b>																		
<b>Fruits and Vegetables</b>																		
1	Potatoes	1 kg	3.05	3.38	2.60	2.35	2.35	2.35	1.20	3.11	1.91	2.86	1.73	2.74	1.99	3.06	3.06	5%
2	Onions	1 kg	3.28	3.35	2.75	2.75	2.87	2.99	3.43	3.43	3.31	3.31	3.31	3.31	3.19	3.19	3.19	0%
3	Apples	1 kg	8.58	8.59	7.67	7.67	7.67	7.67	7.53	7.53	7.53	7.53	8.09	8.09	8.09	8.82	8.82	10%
4	Oranges	1 kg	12.63	10.21	9.35	9.35	9.35	9.35	9.75	9.75	8.25	8.25	9.60	9.60	9.60	9.95	9.60	6%
<b>Meats, Fish &amp; Poultry</b>																		
1	Mutton Flaps	1 kg	13.52	12.00	13.04	12.87	12.97	13.33	13.38	13.46	13.49	13.76	14.09	14.58	15.20	15.41	15.70	18%
2	Chicken Pieces	1 kg	3.77	3.45	3.77	3.60	3.60	3.61	3.57	3.60	3.55	3.71	3.91	4.07	4.18	4.64	4.70	19%
<b>Other Food</b>																		
1	Flour	1 kg	1.74	1.70	1.70	1.72	1.71	1.70	1.72	1.73	1.76	1.73	1.71	1.75	1.79	1.77	1.76	4%
2	Sugar	1 kg	1.99	1.94	2.27	2.43	2.47	2.51	2.59	2.69	2.90	2.75	2.65	2.62	2.64	2.34	2.43	4%
<b>TOBACCO, ALCOHOL AND KAVA</b>																		
<b>Tobacco</b>																		
1	Winfield Blue	Packet	11.25	12.64	15.42	15.42	15.42	15.52	16.46	16.59	16.59	16.59	16.59	18.73	18.99	18.99	18.99	23%
2	Port Royal Tobacco	Packet	23.21	23.02	23.35	23.35	23.35	23.35	23.35	23.35	23.35	23.35	23.35	23.35	23.35	23.35	23.35	1%
<b>TRANSPORTATION</b>																		
<b>Private Transportation</b>																		
1	Petrol	litre	2.82	2.36	2.33	2.40	2.42	2.40	2.57	2.57	2.53	2.52	2.52	2.45	2.39	2.47	2.51	9%
2	Diesel	litre	2.87	2.32	2.27	2.33	2.40	2.37	2.50	2.51	2.49	2.48	2.47	2.40	2.37	2.41	2.48	6%

## **About the Consumer Price Index**

The Monthly Consumer Price Index (CPI) published by the Statistics Department is accepted as the official measure of inflation in Tonga. The CPI measures the changing price of a fixed basket of goods and services purchased by Tongan households. The selection and relative importance of the goods and services in the CPI basket represents the overall expenditure pattern of Tongan households.

The CPI is used by ministries and other agencies for monitoring economic performance and by the National Reserve Bank of Tonga to help set monetary policy.

The new index reference period of October 2010 (=100.0) was first published for the month of October 2010. Data from the Household Income and Expenditure Survey (HIES) 2009 was used to determine the expenditure pattern of consumers. The proportion of expenditure on each item or group is referred to the weight. The previous reference period was November 2002 based on the results of HIES 2001.

There are 222 items in the Tonga basket classified to seven major groups. The items are further classified by whether they are imported or have been produced locally. The pricing outlets selected in Tongatapu include the Talamahu market (agriculture produce), the Vuna Wharf (fresh fish), super-markets, village stores, petrol stations, restaurants, airlines etc. The CPI covers price changes in Tongatapu Division only due to communication problems with outer island divisions.

The groups and their index reference period weights are shown in the table below.

CPI group	October 2010 Weights		
	Local	Imported	Total
A. Food	17.82	27.94	45.76
B. Housing	1.70	0.82	2.52
C. Household operations	17.29	3.51	20.80
D. Clothing and footwear	-	3.16	3.16
E. Transportation	0.46	11.47	11.93
F. Tobacco, alcohol and kava	1.50	4.51	6.00
G. Miscellaneous goods and services	3.47	6.36	9.83
Total	42.23	57.77	100.00

### **Further definitions**

A **price index** measures the change in price between time periods for a given set of goods and services. It summarises a set of prices for a variety of goods and services collected from a number of outlets.

The **index reference period** is the benchmark to which prices in other periods are compared (e.g. if the index number in a later period is 115, prices have increased by 15.0 percent since the index reference period). Prices for later periods can also be compared in similar fashion.



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