



KINGDOM OF TONGA

# Consumer Price Index

## Statistical Bulletin

October 2014



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## STATISTICS DEPARTMENT

### CONSUMER PRICE INDEX FOR OCTOBER 2014

(Base Period: October 2010=100.0)

#### Consumer Price Index for October 2014 decreased by -0.2%. With an Annual Inflation Rate of 0.8%.

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 2014** decreased by **0.2% to 107.7** from **107.9** in **September 2014**. Over the previous two months, the index for all items decreased by **1.2%** in **September 2014**, and increased by **0.7%** in **August 2014**.
2. When comparing the local and imported indices for **October 2014** to the previous month, local index recorded an increase of **0.4%** while import index decreased by **0.6%**.
3. The **annual inflation rate** for **October 2014** was **0.8%** compares to **1.1%** in previous month. The **annual inflation** for the same month of previous year (**October 2013**) was **1.4%**.
4. When comparing the **annual inflation rate** of local and imported indices for **October 2014**, the local index recorded a decrease of **0.2%** while import index increased by **1.5%**.
5. Changes in each group compared with the previous month are as follows:

- |           |   |              |
|-----------|---|--------------|
| <b>A.</b> | <b>FOOD</b>   | <b>-0.1%</b> |
|           | Food Group recorded a decrease towards the index position of <b>October 2014</b> . This was mainly due to decrease in prices of some <b>fruits and vegetables, meat, fish &amp; poultry, Dairy farm &amp; Vegetable product</b> and <b>Cereal products</b> items such as talo leaves, banana ripe, pineapples, cockle pips, frozen fish, string fish, beef and eggs. Prices of some imported food items such as tinned & packaged food and frozen meat also decreased throughout the month. |              |
| <b>B.</b> | <b>HOUSING</b>  | <b>0.3%</b>  |
|           | Price of <b>House maintenance Good</b> such as Paint and cement marked a slight increase compared to the previous month. Most of the price of other good remain constant.   |              |
| <b>C.</b> | <b>HOUSEHOLD OPERATIONS</b>   | <b>0.0</b>   |
|           | Price of items in this group recorded no change compared to the previous month.   |              |
| <b>D.</b> | <b>CLOTHING &amp; FOOTWEAR</b>  | <b>0.0</b>   |
|           | Price of items in this group recorded no change compare to the previous month.  |              |
| <b>E.</b> | <b>TRANSPORTATION</b>   | <b>-1.0%</b> |
|           | <b>Transportation index</b> marked a decrease compared to the previous month due to decreased in price of both Petrol and Diesel.   |              |
| <b>F.</b> | <b>TOBACCO, ALCOHOL &amp; KAVA TONGA,</b>   | <b>-0.6%</b> |
|           | Price of items in this group recorded a decrease compared to the previous month due to decrease in price of beer VB   |              |
| <b>G.</b> | <b>MISC. GOODS AND SERVICES</b>   | <b>-0.2</b>  |
|           | . Prices of items in these groups recorded a decrease compared to the previous month due to decrease in price of mosquito coil.   |              |



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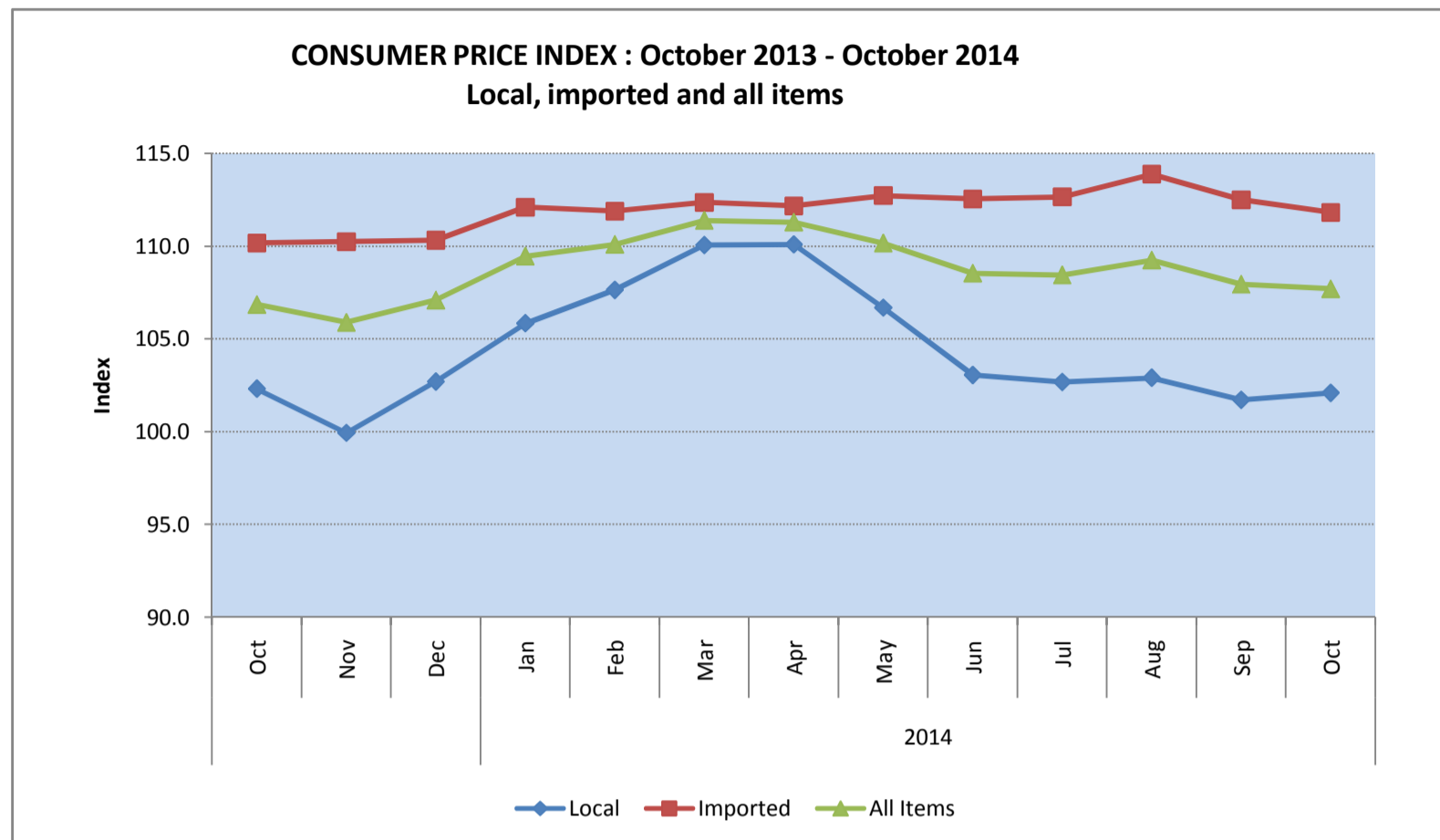


Fig 1: Graphical representation of Consumer Price Index for Total, Local and Imported Components

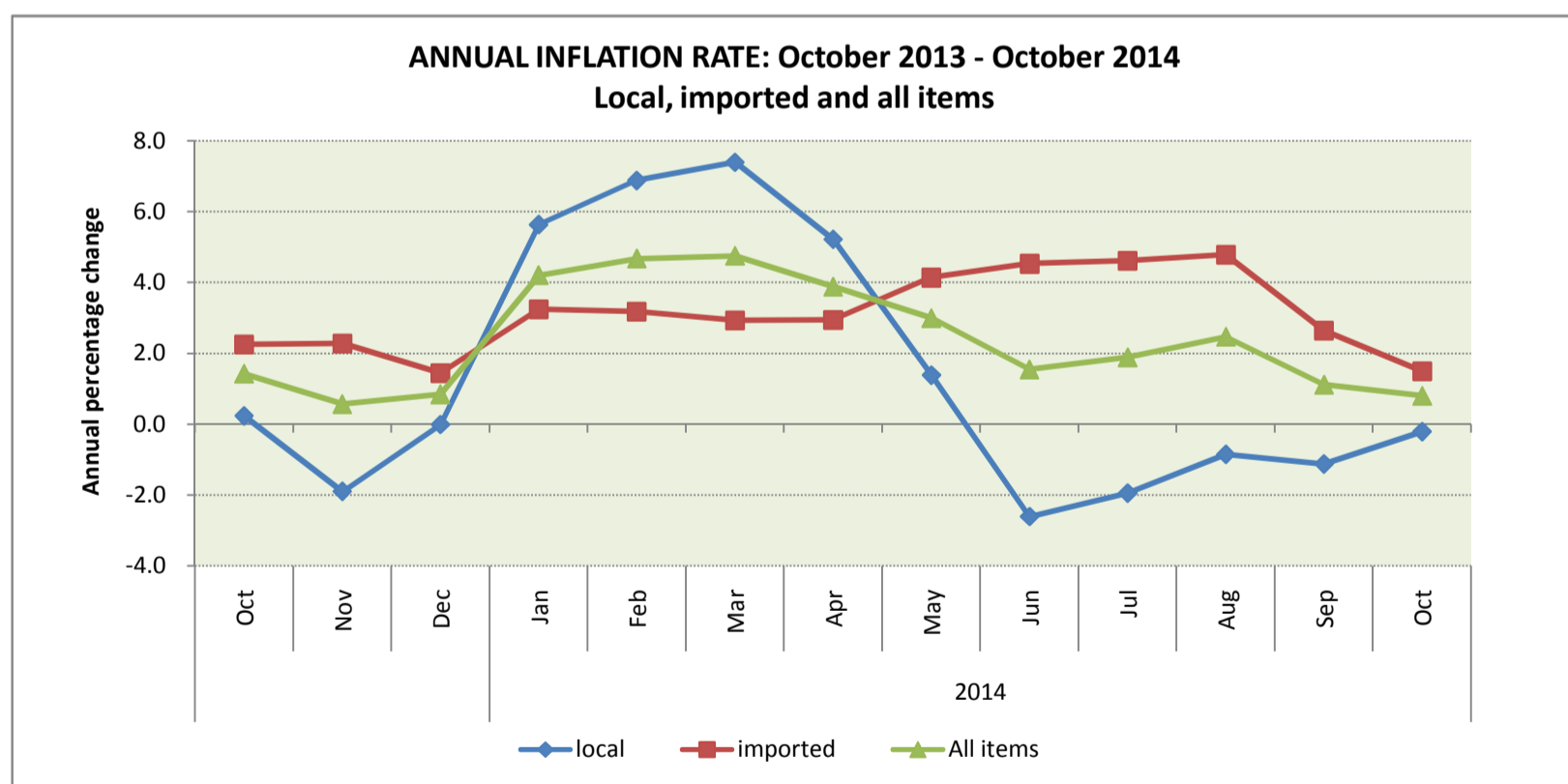


Fig 2: Graphical representation of Annual Inflation rate (%) for Local, Imported and All Items as measured by Consumer Price Index (CPI)

Fig 3: Contribution to % change from previous month, All groups  
September 2014 to October 2014 (-0.2%).

Group	Local	Imported	Total
Food	0.15	-0.19	-0.05
Housing	0.00	0.01	0.01
Household Operation	0.00	-0.01	-0.01
Clothing, footwear	0.00	0.00	0.00
Transportation	0.00	-0.13	-0.13
Tobacco, Alcohol, Kava	0.00	-0.03	-0.03
Misc Good & Services	0.00	-0.02	-0.02
<b>TOTAL</b>	<b>0.1</b>	<b>-0.4</b>	<b>-0.2</b>

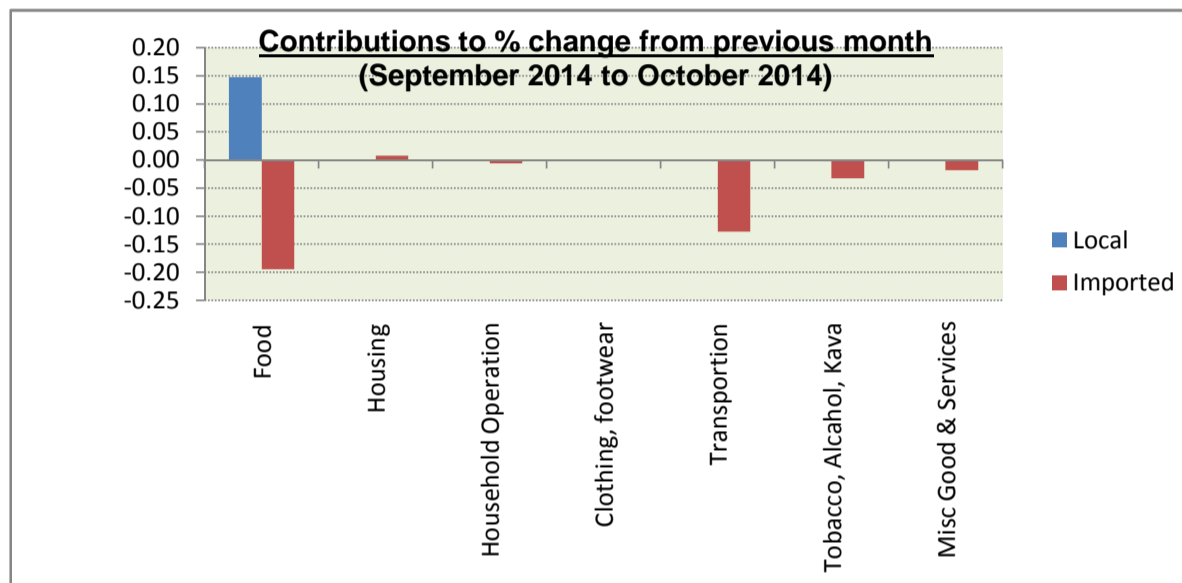


Fig 4: Contribution to % change from last year, All groups  
October 2013 to October 2014 (0.8%).

Group	Local	Imported	Total
Food	-0.1	0.5	0.4
Housing	0.0	0.0	0.0
Household Operation	-0.1	0.0	-0.1
Clothing, footwear	0.0	0.5	0.5
Transportation	0.0	-0.3	-0.3
Tobacco, Alcohol, Kava	0.0	0.0	0.0
Misc Good & Services	0.1	0.2	0.3
<b>TOTAL</b>	<b>-0.1</b>	<b>0.9</b>	<b>0.8</b>

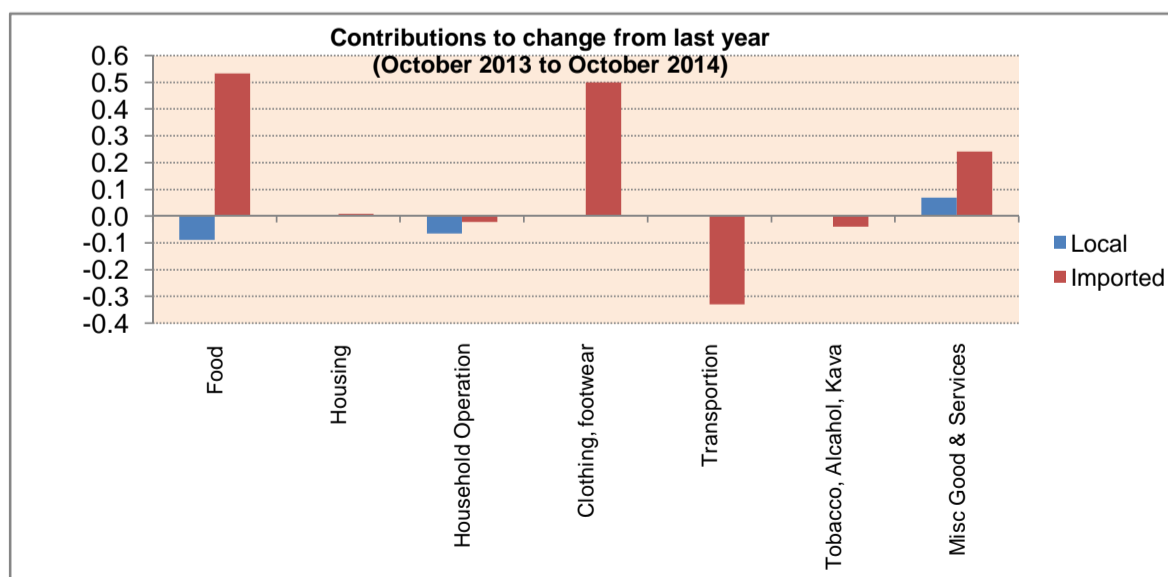


Table 1: Consumer Price Index by major groups  
(Base Period : October 2010=100.0)  
October 2014

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>2011</b> January	101.7	101.4	99.6	100.0	104.6	107.3	100.6	100.1
February	101.5	100.4	100.4	100.0	104.6	109.3	100.8	100.4
March	103.8	104.6	99.8	100.0	104.6	112.0	100.6	100.8
April	105.2	106.1	99.8	100.3	104.6	116.5	101.4	101.7
May	106.7	108.6	99.8	100.4	104.6	118.7	101.7	102.0
June	104.3	103.3	99.8	101.8	104.6	116.9	101.3	102.1
July	105.5	106.6	99.8	101.8	104.6	113.7	101.5	102.1
August	106.5	109.1	99.8	101.8	104.6	112.1	102.2	102.1
September	106.1	108.5	99.8	101.8	104.6	111.2	102.2	102.4
October	104.3	103.5	99.8	103.9	104.6	110.8	102.2	103.1
November	103.8	102.4	99.8	103.9	104.6	111.8	102.3	102.1
December	103.6	102.1	99.7	103.8	104.6	111.3	102.2	102.0
<b>2012</b> January	103.4	101.7	99.6	104.1	104.6	111.0	102.8	102.0
February	104.0	102.7	99.8	104.1	104.6	111.9	102.9	101.8
March	105.5	105.3	99.8	104.4	104.6	113.2	103.0	102.2
April	106.6	107.4	99.4	104.3	104.6	115.2	103.0	102.1
May	107.1	108.3	99.3	104.4	104.6	116.0	102.4	102.2
June	106.7	107.8	99.3	104.7	104.6	114.3	101.9	102.3
July	106.2	107.5	99.3	104.8	104.6	110.7	101.8	102.3
August	105.7	107.0	99.3	103.9	104.6	110.2	102.0	102.4
September	105.3	106.7	99.3	101.3	104.6	112.2	102.0	102.3
October	105.4	106.2	100.0	101.3	104.6	114.4	102.4	102.3
November	105.3	106.3	100.0	101.2	104.6	114.1	102.4	101.7
December	106.2	108.2	100.0	101.9	104.6	113.2	102.4	101.8
<b>2013</b> January	105.0	106.0	99.0	101.9	104.6	112.3	101.7	102.0
February	105.2	106.4	100.0	101.8	104.6	113.1	99.0	102.5
March	106.3	108.4	100.0	101.8	104.6	115.1	99.1	102.5
April	107.1	109.5	100.6	103.3	104.6	114.7	99.2	102.5
May	107.0	109.1	100.6	104.8	104.6	112.1	99.2	102.5
June	106.9	110.1	100.6	103.2	104.6	110.5	99.2	102.5
July	106.4	108.8	101.3	102.8	104.6	112.2	99.2	102.5
August	106.6	108.0	101.2	104.0	104.6	114.1	100.3	102.5
September	106.8	108.1	101.2	104.2	104.6	114.4	100.3	102.5
October	106.9	108.5	101.2	104.2	104.6	113.8	100.3	102.5
November	105.9	106.6	101.4	104.2	104.6	112.7	100.3	102.6
December	107.1	109.3	101.4	104.3	104.6	112.3	100.4	102.6
<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
Percentage change between <b>September 2014 and October 2014.</b>	<b>-0.2</b>	<b>-0.1</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>-1.0</b>	<b>-0.6</b>	<b>-0.2</b>
Percentage change between <b>October 2013 and October 2014.</b>	<b>0.8</b>	<b>1.0</b>	<b>0.3</b>	<b>-0.4</b>	<b>16.2</b>	<b>-2.6</b>	<b>-0.7</b>	<b>3.3</b>

**Table 2: Consumer Price Index and annual inflation rate**  
(Base Period: October 2010=100.0)  
October 2014

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>2011</b> January	101.7	101.6	101.7	1.9	6.8		
February	100.3	102.4	101.5	-0.2	6.5		
March	103.6	104.0	103.8	2.2	7.5		
April	103.9	106.2	105.2	1.4	7.7		
May	105.0	107.9	106.7	1.4	9.7		
June	100.0	107.5	104.3	-2.2	7.1	<b>101.9</b>	<b>6.0</b>
July	103.3	107.1	105.5	1.1	5.9		
August	105.6	107.1	106.5	0.9	6.1		
September	103.7	107.8	106.1	-0.3	5.6		
October	99.4	107.9	104.3	-1.7	4.3		
November	99.5	107.0	103.8	-0.5	4.4		
December	99.9	106.3	103.6	-0.2	3.8	<b>104.4</b>	<b>6.3</b>
<b>2012</b> January	99.9	106.0	103.4	-0.1	1.7		
February	101.0	106.2	104.0	0.5	2.4		
March	103.5	106.9	105.5	1.4	1.6		
April	104.0	108.5	106.6	1.1	1.3		
May	105.2	108.4	107.1	0.5	0.4		
June	105.3	107.7	106.7	-0.4	2.3	<b>105.3</b>	<b>3.3</b>
July	105.2	106.9	106.2	-0.5	0.7		
August	103.9	107.0	105.7	-0.4	-0.7		
September	102.6	107.2	105.3	-0.4	-0.8		
October	102.1	107.7	105.4	0.1	1.0		
November	101.9	107.8	105.3	-0.1	1.4		
December	102.7	108.8	106.2	0.9	2.5	<b>105.6</b>	<b>1.2</b>
<b>2013</b> January	100.2	108.6	105.0	-1.1	1.6		
February	100.7	108.4	105.2	0.1	1.1		
March	102.5	109.2	106.3	1.1	0.8		
April	104.6	109.0	107.1	0.7	0.5		
May	105.2	108.2	107.0	-0.2	-0.1		
June	105.8	107.7	106.9	-0.1	0.2	<b>106.0</b>	<b>0.7</b>
July	104.7	107.7	106.4	-0.4	0.2		
August	103.8	108.7	106.6	0.2	0.9		
September	102.9	109.6	106.8	0.1	1.4		
October	102.3	110.2	106.9	0.1	1.4		
November	99.9	110.2	105.9	-0.9	0.6		
December	102.7	110.3	107.1	1.1	0.8	<b>106.4</b>	<b>0.8</b>
<b>2014</b> January	105.8	112.1	109.5	2.2	4.2		
February	107.6	111.9	110.1	0.6	4.7		
March	110.1	112.4	111.4	1.2	4.7		
April	110.1	112.2	111.3	-0.1	3.9		
May	106.7	112.7	110.2	-1.0	3.0		
June	103.1	112.6	108.5	-1.5	1.5	<b>108.4</b>	<b>2.3</b>
July	102.7	112.7	108.4	-0.1	1.9		
August	102.9	113.9	109.2	0.7	2.5		
September	101.7	112.5	107.9	-1.2	1.1		
October	102.1	111.8	107.7	-0.2	0.8	<b>108.9</b>	<b>2.5</b>

**Table 3: Consumer Price Index with local and imported components**  
Percentage change from previous month  
(Base Period: October 2010 = 100.0)  
October 2014

	Weights			October 2014			September 2014			% 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>100.3</b>	<b>115.4</b>	<b>109.5</b>	<b>99.4</b>	<b>116.2</b>	<b>109.6</b>	<b>0.9</b>	<b>-0.6</b>	<b>-0.1</b>
Fruit and Vegetables	6.5	0.9	7.5	91.9	124.0	95.9	86.1	124.7	90.9	6.8	-0.5	5.6
Meats, Fish & Poultry	3.7	14.6	18.4	106.0	124.4	120.7	111.3	125.1	122.3	-4.7	-0.6	-1.3
Dairy Farm & Vegetable Products	0.5	3.2	3.6	109.2	111.2	110.9	115.0	111.7	112.1	-5.1	-0.4	-1.0
Cereals and Cereal Products	3.4	3.5	6.9	108.2	104.6	106.3	108.2	106.7	107.4	0.0	-2.0	-1.0
Other Food	0.0	5.7	5.7	0.0	100.0	100.0	0.0	100.2	100.2	-	-0.2	-0.2
Drinks, Sweets & Meals away from home	3.7	0.0	3.7	101.0	0.0	101.0	101.0	0.0	101.0	0.0	-	0.0
<b>B. HOUSING</b>	<b>1.7</b>	<b>0.8</b>	<b>2.5</b>	<b>100.0</b>	<b>104.7</b>	<b>101.5</b>	<b>100.0</b>	<b>103.7</b>	<b>101.2</b>	<b>0.0</b>	<b>1.0</b>	<b>0.3</b>
House Maintenance Goods	0.1	0.8	0.9	100.0	104.7	104.2	100.0	103.7	103.3	0.0	1.0	0.9
House Maintenance Services	1.6	0.0	1.6	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
<b>C. HOUSEHOLD OPERATIONS</b>	<b>17.3</b>	<b>3.5</b>	<b>20.8</b>	<b>104.2</b>	<b>101.8</b>	<b>103.8</b>	<b>104.2</b>	<b>102.0</b>	<b>103.8</b>	<b>0.0</b>	<b>-0.2</b>	<b>0.0</b>
Domestic Fuel and Power	6.0	1.1	7.1	110.4	106.9	109.8	110.4	108.7	110.1	0.0	-1.7	-0.3
H/hold Appl., Equipment & Utensils	0.0	1.2	1.2	0.0	100.1	100.1	0.0	100.1	100.1	-	0.0	0.0
Household Furni., Furn. & Textiles	1.4	0.0	1.4	107.6	0.0	107.6	107.6	0.0	107.6	0.0	-	0.0
H/hold Supplies & Services	4.7	1.2	5.9	100.0	98.7	99.7	100.0	97.5	99.5	0.0	1.2	0.2
Communications Services	5.2	0.0	5.2	100.0	0.0	100.0	100.0	0.0	100.0	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>121.5</b>	<b>121.5</b>	<b>0.0</b>	<b>121.5</b>	<b>121.5</b>	<b>-</b>	<b>0.0</b>	<b>0.0</b>
Clothing Supplies & Services	0.0	2.1	2.1	0.0	124.8	124.8	0.0	124.8	124.8	-	0.0	0.0
Footwear	0.0	1.0	1.0	0.0	114.7	114.7	0.0	114.7	114.7	-	0.0	0.0
<b>E. TRANSPORTATION</b>	<b>0.5</b>	<b>11.5</b>	<b>11.9</b>	<b>107.1</b>	<b>111.0</b>	<b>110.8</b>	<b>107.0</b>	<b>112.2</b>	<b>112.0</b>	<b>0.1</b>	<b>-1.1</b>	<b>-1.0</b>
Public Transportation	0.5	2.9	3.4	107.1	104.7	105.0	107.0	104.7	105.0	0.1	0.0	0.0
Private Transportation	0.0	8.6	8.6	0.0	113.1	113.1	0.0	114.8	114.8	-	-1.4	-1.4
<b>F. TOBACCO, ALCOHOL &amp; KAVA</b>	<b>1.5</b>	<b>4.5</b>	<b>6.0</b>	<b>100.0</b>	<b>99.5</b>	<b>99.6</b>	<b>100.0</b>	<b>100.2</b>	<b>100.2</b>	<b>0.0</b>	<b>-0.8</b>	<b>-0.6</b>
Tobacco	0.0	2.9	2.9	0.0	102.4	102.4	0.0	102.4	102.4	-	0.0	0.0
Alcohol	0.8	1.6	2.4	100.0	94.2	96.1	100.0	96.4	97.6	0.0	-2.3	-1.5
Kava	0.7	0.0	0.7	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
<b>G. MISC. GOODS &amp; SERVICES</b>	<b>3.5</b>	<b>6.4</b>	<b>9.8</b>	<b>102.1</b>	<b>107.9</b>	<b>105.8</b>	<b>102.1</b>	<b>108.2</b>	<b>106.0</b>	<b>0.0</b>	<b>-0.3</b>	<b>-0.2</b>
Medical Health Services & Supplies	0.2	0.3	0.6	100.0	119.4	111.3	100.0	119.4	111.3	0.0	0.0	0.0
Cosmetics and Toiletries	0.0	5.3	5.3	0.0	103.1	103.1	0.0	103.5	103.5	-	-0.4	-0.4
Personal Goods	0.0	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	147.1	141.7	100.0	147.1	141.7	0.0	0.0	0.0
Leisure, Recreational & Craft Supplies	0.4	0.0	0.4	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
Other Goods and Services	0.8	0.0	0.8	100.0	0.0	100.0	100.0	0.0	100.0	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>102.1</b>	<b>111.8</b>	<b>107.7</b>	<b>101.7</b>	<b>112.5</b>	<b>107.9</b>	<b>0.4</b>	<b>-0.6</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 2014

	Weights			October 2014			October 2013			% 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>100.3</b>	<b>115.4</b>	<b>109.5</b>	<b>100.8</b>	<b>113.4</b>	<b>108.5</b>	<b>-0.5</b>	<b>1.8</b>	<b>1.0</b>
Fruit and Vegetables	6.5	0.9	7.5	91.9	124.0	95.9	91.3	111.3	93.8	0.7	11.5	2.3
Meat, Fish & Poultry	3.7	14.6	18.4	106.0	124.4	120.7	110.6	119.7	117.8	-4.1	3.9	2.4
Dairy Farm & Vegetables Products	0.5	3.2	3.6	109.2	111.2	110.9	113.3	108.3	108.9	-3.7	2.7	1.8
Cereals and Cereal Products	3.4	3.5	6.9	108.2	104.6	106.3	107.2	107.9	107.6	0.9	-3.1	-1.2
Other Food	0.0	5.7	5.7	0.0	100.0	100.0	0.0	103.7	103.7	-	-3.6	-3.6
Drinks, Sweets & Meals away from home	3.7	0.0	3.7	101.0	0.0	101.0	100.4	0.0	100.4	0.6	-	0.6
<b>B. HOUSING</b>	<b>1.7</b>	<b>0.8</b>	<b>2.5</b>	<b>100.0</b>	<b>104.7</b>	<b>101.5</b>	<b>100.0</b>	<b>103.7</b>	<b>101.2</b>	<b>0.0</b>	<b>1.0</b>	<b>0.3</b>
House Maintenance Goods	0.1	0.8	0.9	100.0	104.7	104.2	100.0	103.7	103.2	0.0	1.0	0.9
House Maintenance Services	1.6	0.0	1.6	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
<b>C. HOUSEHOLD OPERATIONS</b>	<b>17.3</b>	<b>3.5</b>	<b>20.8</b>	<b>104.2</b>	<b>101.8</b>	<b>103.8</b>	<b>104.6</b>	<b>102.5</b>	<b>104.2</b>	<b>-0.4</b>	<b>-0.7</b>	<b>-0.4</b>
Domestic Fuel and Power	6.0	1.1	7.1	110.4	106.9	109.8	111.6	107.0	110.9	-1.1	-0.1	-0.9
H/hold Appl., Equipment & Utensils	0.0	1.2	1.2	0.0	100.1	100.1	0.0	100.0	100.0	-	0.2	0.2
H/hold Furniture , Furniture & Textiles	1.4	0.0	1.4	107.6	0.0	107.6	107.5	0.0	107.5	0.1	-	0.1
H/hold Supplies & Services	4.7	1.2	5.9	100.0	98.7	99.7	100.0	100.7	100.1	0.0	-2.0	-0.4
Communications Services	5.2	0.0	5.2	100.0	0.0	100.0	100.0	0.0	100.0	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>121.5</b>	<b>121.5</b>	<b>0.0</b>	<b>104.6</b>	<b>104.6</b>	<b>-</b>	<b>16.2</b>	<b>16.2</b>
Clothing Supplies & Services	0.0	2.1	2.1	0.0	124.8	124.8	0.0	106.8	106.8	-	16.8	16.8
Footwear	0.0	1.0	1.0	0.0	114.7	114.7	0.0	100.0	100.0	-	14.7	14.7
<b>E. TRANSPORTATION</b>	<b>0.5</b>	<b>11.5</b>	<b>11.9</b>	<b>107.1</b>	<b>111.0</b>	<b>110.8</b>	<b>107.1</b>	<b>114.1</b>	<b>113.8</b>	<b>0.0</b>	<b>-2.7</b>	<b>-2.6</b>
Public Transport	0.5	2.9	3.4	107.1	104.7	105.0	107.1	104.7	105.0	0.0	0.0	0.0
Private Transport	0.0	8.6	8.6	0.0	113.1	113.1	0.0	117.3	117.3	-	-3.5	-3.5
<b>F. TOBACCO, ALCOHOL &amp; KAVA</b>	<b>1.5</b>	<b>4.5</b>	<b>6.0</b>	<b>100.0</b>	<b>99.5</b>	<b>99.6</b>	<b>100.0</b>	<b>100.4</b>	<b>100.3</b>	<b>0.0</b>	<b>-0.9</b>	<b>-0.7</b>
Tobacco	0.0	2.9	2.9	0.0	102.4	102.4	0.0	102.5	102.5	-	-0.1	-0.1
Alcohol	0.8	1.6	2.4	100.0	94.2	96.1	100.0	96.7	97.8	0.0	-2.5	-1.7
Kava	0.7	0.0	0.7	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
<b>G. MISC. GOODS &amp; SERVICES</b>	<b>3.5</b>	<b>6.4</b>	<b>9.8</b>	<b>102.1</b>	<b>107.9</b>	<b>105.8</b>	<b>100.0</b>	<b>103.8</b>	<b>102.5</b>	<b>2.1</b>	<b>3.9</b>	<b>3.3</b>
Medical Health Services & Supplies	0.2	0.3	0.6	100.0	119.4	111.3	100.0	100.0	100.0	0.0	19.4	11.3
Cosmetics and Toiletries	0.0	5.3	5.3	0.0	103.1	103.1	0.0	102.8	102.8	-	0.3	0.3
Personal Goods	0.0	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	147.1	141.7	100.0	117.1	115.1	0.0	25.7	23.1
Leisure, Recreational & Craft Supplies	0.4	0.0	0.4	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
Other Goods and Services	0.8	0.0	0.8	100.0	0.0	100.0	100.0	0.0	100.0	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>102.1</b>	<b>111.8</b>	<b>107.7</b>	<b>102.3</b>	<b>110.2</b>	<b>106.9</b>	<b>-0.2</b>	<b>1.5</b>	<b>0.8</b>



**Table 5: Consumer Price Index**  
**Groups and subgroups - index numbers**  
**(Base Period: October 2010 = 100.0)**  
**October 2014**

**TONGA**  
**SDT:23-335**

Group or Subgroup	Annual		Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14
	2011	2012													
<b>A.FOOD GROUP</b>	<b>104.7</b>	<b>106.3</b>	<b>108.5</b>	<b>106.6</b>	<b>109.3</b>	<b>112.8</b>	<b>114.0</b>	<b>116.5</b>	<b>116.3</b>	<b>114.2</b>	<b>110.4</b>	<b>110.2</b>	<b>112.2</b>	<b>109.6</b>	<b>109.5</b>
Fruit and Vegetables	102.9	99.8	93.8	85.0	96.1	110.0	124.3	137.9	141.1	118.4	99.9	98.9	96.0	90.9	95.9
Meats, Fish & Poultry	105.1	110.9	117.8	116.7	118.6	121.1	118.4	119.2	117.6	121.5	119.8	119.6	125.7	122.3	120.7
Dairy Farm & Vegetable Produ	107.0	106.3	108.9	109.1	109.3	110.2	110.3	110.2	110.3	110.4	110.2	110.7	111.4	112.1	110.9
Cereals and Cereal Products	108.6	108.4	107.6	107.6	109.0	109.4	109.2	108.9	109.3	109.4	109.1	108.7	108.6	107.4	106.3
Other Food	103.0	101.3	103.7	103.8	103.3	103.6	102.8	103.4	101.8	102.0	101.8	102.6	101.8	100.2	100.0
Drinks, Sweets & Meals away	100.0	99.8	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	101.0	101.0	101.0	101.0	101.0
<b>B.HOUSING GROUP</b>	<b>99.8</b>	<b>99.6</b>	<b>101.2</b>	<b>101.4</b>	<b>101.4</b>	<b>101.4</b>	<b>101.6</b>	<b>101.6</b>	<b>101.3</b>	<b>101.3</b>	<b>101.4</b>	<b>101.7</b>	<b>101.5</b>	<b>101.2</b>	<b>101.5</b>
House Maintenance Goods	99.6	98.9	103.2	103.9	103.9	103.9	104.5	104.5	103.7	103.7	103.8	104.6	104.1	103.3	104.2
House Maintenance Services	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
<b>C.HOUSEHOLD OPERATION GROUP</b>	<b>101.8</b>	<b>103.4</b>	<b>104.2</b>	<b>104.2</b>	<b>104.3</b>	<b>104.4</b>	<b>104.5</b>	<b>104.6</b>	<b>104.6</b>	<b>104.4</b>	<b>104.0</b>	<b>103.8</b>	<b>103.8</b>	<b>103.8</b>	<b>103.8</b>
Domestic Fuel and Power	105.0	108.5	110.9	110.9	111.0	111.3	111.7	111.8	111.8	111.8	110.7	110.2	110.1	110.1	109.8
H/hold Appl., Equipment & Ute	100.0	100.0	100.0	100.0	100.0	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1
Household Furni., Furn. & Tex	100.0	107.5	107.5	107.5	107.5	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6
H/hold Supplies & Services	100.2	99.9	100.1	100.1	100.2	100.2	100.2	100.1	100.2	99.5	99.5	99.5	99.5	99.5	99.7
Communications Services	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
<b>D.CLOTHING AND FOOTWEAR GROUP</b>	<b>104.6</b>	<b>104.6</b>	<b>104.6</b>	<b>104.6</b>	<b>104.6</b>	<b>117.8</b>	<b>117.8</b>	<b>117.8</b>	<b>117.8</b>	<b>117.8</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>121.5</b>	<b>121.5</b>
Clothing Supplies & Services	106.8	106.8	106.8	106.8	106.8	124.5	124.5	124.5	124.5	124.5	124.8	124.8	124.8	124.8	124.8
Footwear	100.0	100.0	100.0	100.0	100.0	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	114.7	114.7
<b>E.TRANSPORTATION GROUP</b>	<b>112.6</b>	<b>113.0</b>	<b>113.8</b>	<b>112.7</b>	<b>112.3</b>	<b>113.9</b>	<b>114.6</b>	<b>114.4</b>	<b>114.6</b>	<b>114.4</b>	<b>114.4</b>	<b>114.6</b>	<b>114.0</b>	<b>112.0</b>	<b>110.8</b>
Public Transportation	104.7	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
Private Transportation	115.7	116.2	117.3	115.8	115.2	117.4	118.3	118.1	118.3	118.1	118.1	118.3	117.6	114.8	113.1
<b>F.TOBACCO, ALCOHOL &amp; KAVA GROU</b>	<b>101.6</b>	<b>102.4</b>	<b>100.3</b>	<b>100.3</b>	<b>100.4</b>	<b>100.4</b>	<b>100.4</b>	<b>102.4</b>	<b>102.4</b>	<b>100.1</b>	<b>100.2</b>	<b>100.2</b>	<b>100.2</b>	<b>100.2</b>	<b>99.6</b>
Tobacco	103.3	109.5	102.5	102.5	102.6	102.6	102.6	102.6	102.5	102.3	102.4	102.5	102.4	102.4	102.4
Alcohol	100.0	94.6	97.8	97.8	97.8	97.8	97.8	102.9	102.9	97.6	97.6	97.6	97.6	97.6	96.1
Kava	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
<b>G. MISC. GOODS &amp; SERVICES</b>	<b>101.7</b>	<b>102.1</b>	<b>102.5</b>	<b>102.6</b>	<b>102.6</b>	<b>104.1</b>	<b>104.1</b>	<b>104.2</b>	<b>104.3</b>	<b>104.6</b>	<b>106.1</b>	<b>106.0</b>	<b>106.0</b>	<b>106.0</b>	<b>105.8</b>
Medical Health Services & Sup	100.0	100.0	100.0	102.4	102.4	102.4	102.4	104.0	106.5	111.3	111.3	111.3	111.3	111.3	111.3
Cosmetics and Toiletries	102.2	102.9	102.8	102.8	102.8	103.6	103.6	103.6	103.6	103.6	103.6	103.5	103.5	103.5	103.1
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	108.3	108.3	115.1	115.1	115.1	119.6	119.6	119.6	119.6	119.6	141.7	141.7	141.7	141.7	141.7
Craft Supplies	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
Other Goods and Services	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
Education	100.0	100.0	100.0	100.0	100.0	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>104.4</b>	<b>105.6</b>	<b>106.9</b>	<b>105.9</b>	<b>107.1</b>	<b>109.5</b>	<b>110.1</b>	<b>111.4</b>	<b>111.3</b>	<b>110.2</b>	<b>108.5</b>	<b>108.4</b>	<b>109.2</b>	<b>107.9</b>	<b>107.7</b>

Table 6: Monthly average price of selected local items

	Unit	Annual															
		2011	2012	Sep 13	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14
<b>ROOT CROPS</b>																	
1 Talo - Futuna	1 kg	0.86	0.86	1.04	1.11	0.94	1.21	1.28	1.12	1.16	1.08	1.04	1.07	0.87	0.97	0.86	0.95
2 Talo - Tonga	1kg	1.14	1.22	1.25	1.34	1.25	1.32	1.44	1.01	0.85	0.86	0.96	0.74	0.83	1.03	1.01	1.01
3 Manioke	1 kg	0.50	0.52	0.71	0.73	0.66	0.77	0.84	0.67	0.62	0.61	0.56	0.56	0.59	0.54	0.54	0.52
4 Kumala	1 kg	1.10	1.23	1.27	1.29	0.95	1.15	1.38	1.09	1.17	1.24	0.99	1.12	1.35	1.35	1.22	1.42
5 Yams; early	1 kg	4.34	4.52	4.19	3.57	4.86	4.03	3.90	3.61	3.20	3.03	3.71	3.58	3.81	3.87	4.24	3.85
6 Yams, late	1 kg	2.38	2.69	2.44	2.61	2.17	1.65	1.65	3.05	1.47	1.94	1.83	1.73	1.79	2.00	1.95	2.13
<b>VEGETABLES</b>																	
1 Lu	1 kg	3.86	4.08	4.19	3.87	4.57	3.73	3.66	4.18	3.80	3.75	3.57	2.82	2.75	3.74	5.29	3.71
2 Pele	1 kg	2.22	2.41	2.25	2.58	2.06	1.52	1.74	1.61	1.59	1.82	1.42	2.26	2.09	2.17	2.63	3.64
3 Tomatoes	1 kg	4.13	3.60	1.68	1.44	0.77	1.38	3.07	7.34	10.24	11.67	7.33	3.41	3.37	2.23	1.07	1.42
4 H/Cabbage	1 kg	2.23	2.26	0.88	0.85	0.79	1.86	2.63	5.04	6.32	3.61	3.30	1.64	1.20	1.06	1.63	2.19
5 Carrots	1 kg	4.22	3.77	2.62	1.95	1.53	2.00	2.98	3.12	5.37	4.91	4.88	3.15	3.22	3.10	2.83	2.90
6 Capsicum	1 kg	8.28	6.21	4.11	4.68	2.62	5.23	5.49	9.54	11.41	8.59	9.40	8.78	9.19	8.18	6.70	6.84
<b>FRUITS AND NUTS</b>																	
1 Bananas ripe	1 kg	2.81	2.95	2.88	2.62	1.79	1.79	2.09	1.64	1.53	1.58	2.07	1.48	2.26	2.92	3.08	2.74
2 Watermelon	1 kg	1.11	1.12	1.42	1.07	1.12	1.24	0.86	1.06	1.04	1.21	1.31	1.80	1.33	1.71	1.51	1.74
3 Pineapple	1 kg	5.32	5.22	6.34	4.24	2.94	2.00	2.87	3.24	2.57	5.09	5.09	5.58	5.58	5.58	7.47	7.15
4 Pawpaw	1 kg	1.83	1.93	2.20	2.12	1.34	1.44	1.58	1.20	1.41	1.56	1.63	1.66	1.87	1.95	1.85	1.61
5 Coconut (dry)	1 kg	0.35	0.35	0.41	0.34	0.35	0.37	0.43	0.35	0.32	0.35	0.34	0.31	0.36	0.38	0.40	0.38
6 Coconut (green)	1 kg	0.60	0.61	0.61	0.62	0.62	0.69	0.69	0.69	0.67	0.64	0.70	0.68	0.64	0.65	0.71	0.71
7 Peanuts	1 kg	18.90	20.06	16.67	18.00	21.07	17.78	19.33	19.33	19.33	19.33	20.00	19.00	19.33	22.25	23.67	24.00
<b>MARINE AND ANIMAL PRODUCTS</b>																	
1 Sausages	1 kg	6.98	7.11	7.12	7.12	7.12	7.12	7.13	6.88	7.13	7.25	6.93	6.80	6.80	6.93	6.93	6.88
2 Eggs	1 egg	15.58	15.49	16.88	17.00	17.00	16.50	17.00	17.00	17.00	17.00	17.13	17.13	17.13	17.13	17.25	16.38
3 Tuna	1 kg	12.16	12.63	10.43	10.00	10.00	10.11	10.88	11.00	10.63	10.00	10.03	11.36	10.46	11.95	12.88	13.00
4 Octopus	1 kg	12.84	12.79	12.67	13.35	11.37	21.74	21.87	14.62	15.71	12.63	18.84	11.54	10.33	13.72	10.48	13.02
5 Cockles (to'o)	1 kg	3.56	3.51	4.50	3.69	3.24	3.65	3.46	3.66	3.14	2.52	3.87	5.18	5.76	6.23	5.56	3.71
6 Stringed fish (Mixed)	1 kg	8.18	8.62	9.80	9.48	6.91	8.01	8.01	7.28	8.33	7.26	8.99	8.33	8.35	8.54	8.05	7.11

Table 7: Monthly average price of selected imported items

	Unit	Annual																Annual change %		
		2010	2011	2012	Sept 13	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	June 14	July 14	Aug 14	Sept 14		Oct 14	
<b>FOOD</b>																				
<b>Fruits and Vegetables</b>																				
1	Potatoes	1 kg	2.87	3.00	2.95	2.88	2.83	2.75	2.75	2.75	2.75	2.63	3.25	3.25	3.25	3.25	3.25	3.10	10%	
2	Onions	1 kg	2.95	2.89	2.93	2.75	2.75	3.38	3.63	3.63	2.95	2.95	3.13	3.38	3.38	3.38	3.38	3.38	23%	
3	Apples	1 kg	8.45	8.03	8.54	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	0%	
4	Oranges	1 kg	12.15	11.87	11.74	12.90	12.90	12.90	12.90	12.90	12.90	12.90	12.90	12.90	12.90	12.90	12.90	12.90	0%	
<b>Meats, Fish &amp; Poultry</b>																				
1	Mutton Flaps	1 kg	9.42	10.05	10.48	11.39	12.32	12.94	13.01	13.20	13.11	13.31	13.10	13.22	13.02	12.95	13.76	13.96	14.16	15%
2	Chicken Pieces	1 kg	3.43	3.59	3.71	3.97	3.95	3.77	3.73	3.83	3.71	3.71	3.71	3.89	3.84	3.88	4.15	3.76	3.59	-9%
<b>Other Food</b>																				
1	Flour	1 kg	1.81	1.85	1.91	1.83	1.83	1.83	1.83	1.83	1.80	1.75	1.76	1.76	1.76	1.76	1.76	1.76	1.69	-8%
2	Sugar	1 kg	2.52	2.47	2.40	2.20	2.21	2.20	2.15	2.15	2.07	2.12	2.01	2.01	2.01	2.01	2.00	1.93	1.88	-15%
<b>TOBACCO, ALCOHOL AND KAVA</b>																				
<b>Tobacco</b>																				
1	Winfield Blue	Packet	11.24	11.81	12.15	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.26	11.26	11.26	11.26	11.26	0%
2	Port Royal Tobacco	Packet	19.70	23.09	23.29	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	0%
<b>TRANSPORTATION</b>																				
<b>Private Transportation</b>																				
1	Petrol	litre	2.63	2.81	2.82	2.87	2.84	2.80	2.78	2.84	2.87	2.87	2.88	2.88	2.88	2.89	2.88	2.80	2.75	-3%
2	Diesel	litre	2.68	2.88	2.90	2.95	2.95	2.92	2.92	2.96	2.97	2.95	2.94	2.92	2.92	2.91	2.86	2.83	2.81	-5%

## **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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