



GOVERNMENT OF TONGA

Consumer Price Index

Statistical Bulletin

November 2012



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December 2012

STATISTICS DEPARTMENT

CONSUMER PRICE INDEX FOR NOVEMBER 2012

(Base Period : October 2010=100.0)

Consumer Price Index for November 2012 decreased by -0.2%.
With an Annual Inflation Rate of 1.5%.

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

1. The **Consumer Price Index (CPI)** for November 2012 recorded a decrease of **-0.2%** over October 2012 (105.6) and now stands at 105.4. In comparison with the previous month, Local Index decreased by -0.5% and Imported Index marked no change, 0.0%.
2. For the previous two months, September recorded a decrease of -0.4% while October 2012 recorded an increase by 0.1%.
3. The **Annual Rate of Inflation for November 2012 was 1.5%** compare to 1.2% in previous month. Local and Imported Index both marked an increase by 2.6% and 0.8% respectively . The annual inflation for the same month of previous year, November 2011 was **4.4%**.
4. Changes in each group compared with the previous month are as follows:

A.	FOOD	-0.2%
	The Food Group recorded a decrease of -0.2% due mainly to continuous decrease in prices of Meats, Fish & Poultry products especially local seafood items like cockles, sea urchin, octopus, vasuva and mixed string fish. The decrease in price of Dairy Farm & Vegetable, both local and imported also contributed to this month's price change because of the decrease in prices of eggs, cheese, margarine, butter and condensed milk. Overall prices of Fruits & vegetable marked an increase due mainly to increase in prices of local and imported food like talo tonga, kumala, early yam, onion and orange eventhough there are some that recorded a decrease like manioke, talo futuna, tomato, pineapple, capsicum and headcabbage. . In addition, Other Food recorded a price decrease causes by decrease in prices of cordial and raw sugar while Cereals and Cereal Products marked no change compared to previous month.	
B.	HOUSING	0.0%
	Prices of items in this group recorded no change compared to previous month.	
C.	HOUSEHOLD OPERATIONS	-0.1%
	Household Operation Group marked a decrease causes by the decrease in prices of aluminium foil.	
D.	CLOTHING AND FOOTWEAR	0.0%
	Prices of items in this group recorded no change this month compared to previous month.	
E.	TRANSPORTATION	-0.2%
	Transportation Group marked a price decrease of -0.2% due to slightly decrease in price of fuel especially unleaded.	
F.	TOBACCO, ALCOHOL & KAVA TONGA	0.0%
	Prices of items in this group recorded no change compared to previous month.	
G.	MISC. GOODS AND SERVICES	-0.6%
	Prices of items in this group marked a price decrease due mainly to decrease in prices of diaper compared to previous month.	

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 Mr 'Ata'ata.M.Finau
GOVERNMENT STATISTICIAN

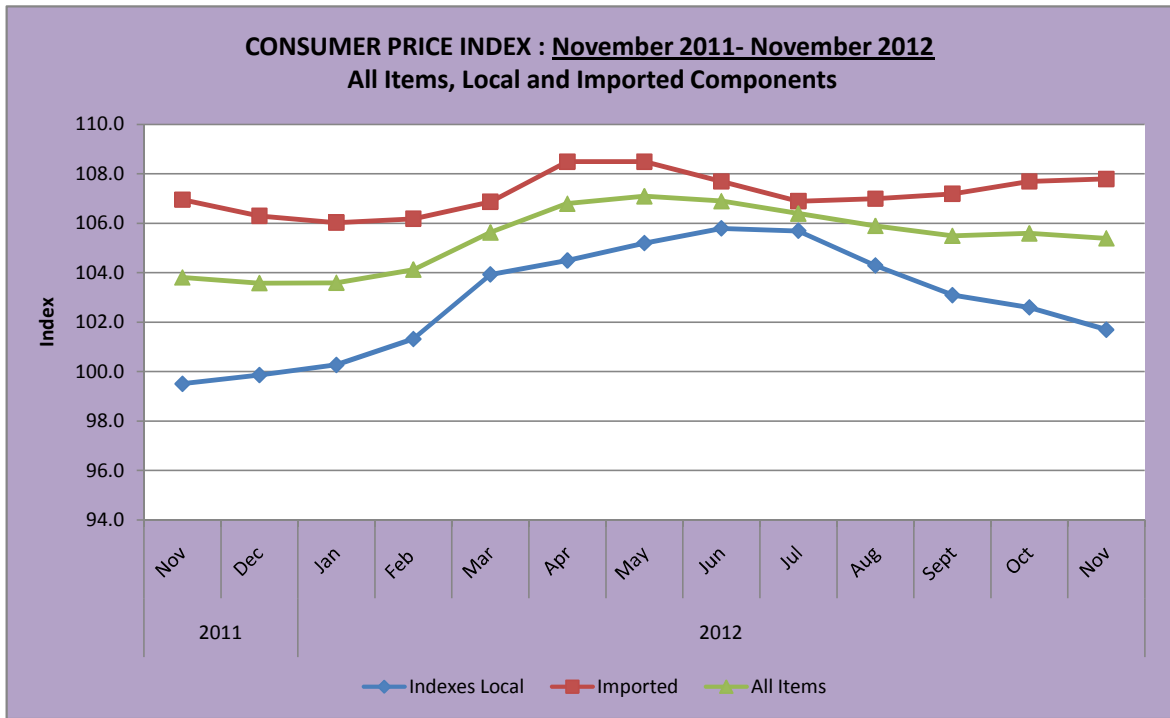


Fig 1: Graphical representation of Consumer Price Index for Total, Local and Imported Components

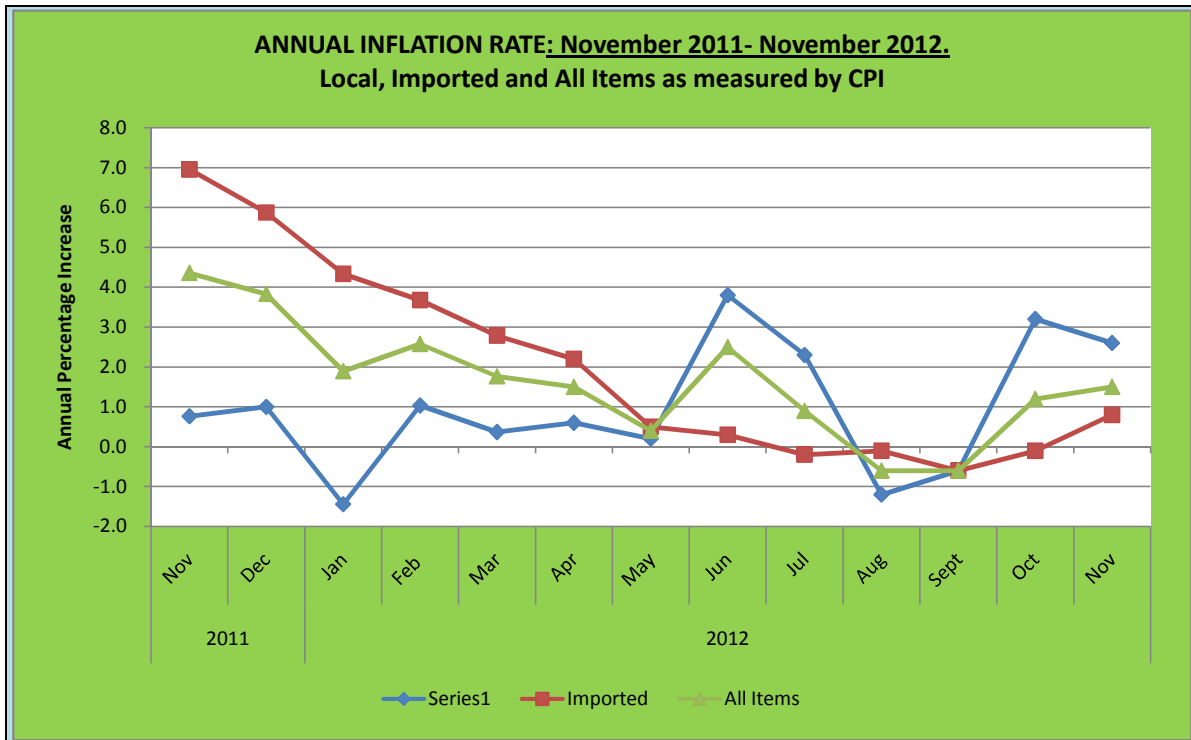


Fig 2: Graphical representation of Annual Inflation rate (%) for Local, Imported and All Items as measured by Consumer Price Index (CPI)

**Fig 3: Contribution to % change from previous month, All groups
October 2012 to November 2012.**

Group	Local	Imported	Total
Food	-0.21	0.11	-0.10
Housing	0.00	0.00	0.00
H'hold Operation	0.00	-0.01	-0.01
Clothing, f/wear	0.00	0.00	0.00
Transport	0.00	-0.03	-0.03
Tob, Alc, Kava	0.00	0.00	0.00
Misc G & S	0.00	-0.06	-0.06
TOTAL	-0.2	0.02	-0.2

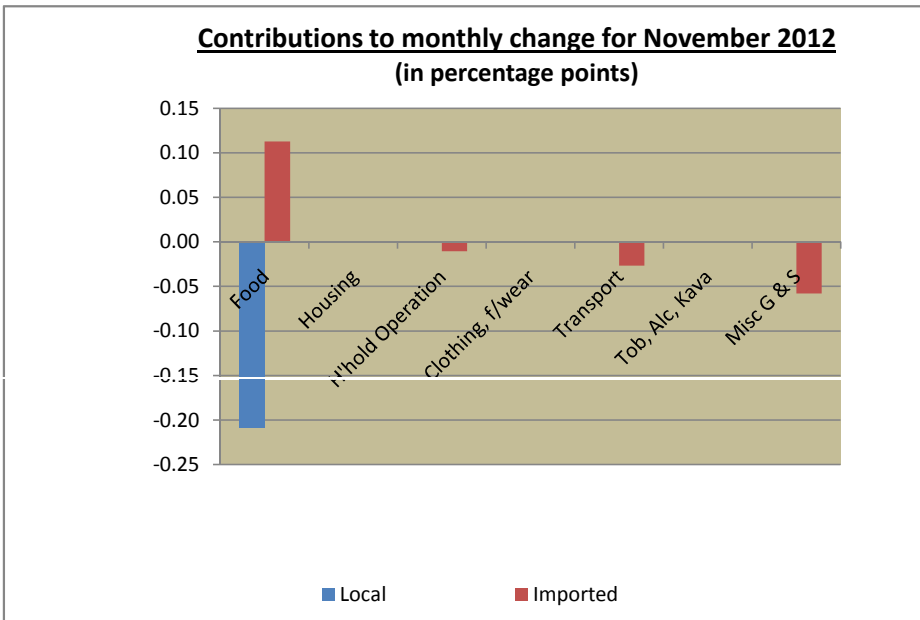


TABLE 1: CONSUMER PRICE INDEX BY MAJOR GROUPS

Base Period : OCTOBER 2010 (= 100.0)

NOVEMBER 2012

YEAR / MONTH	ALL ITEMS	FOOD	HOUSING	HOUSEHOLD OPERATIONS	CLOTHING & FOOTWEAR	TRANSPORTATION	TOBACCO, ALCOHOL & KAVA	MISC. GOODS & SERVICES
	100.00	45.76	2.52	20.80	3.16	11.93	6.00	9.83
2007								
July	85.7	82.0	96.4	94.1	90.2	95.8	72.7	93.6
August	86.4	83.4	96.7	96.7	90.2	93.6	73.1	93.9
September	87.2	85.2	96.7	96.3	90.2	93.6	73.8	93.4
October	87.4	86.1	96.9	96.3	89.9	91.7	74.8	93.7
November	87.6	84.9	96.8	96.5	89.7	94.9	75.8	93.7
December	88.3	85.7	97.1	96.6	90.5	96.1	76.0	94.5
2008								
January	90.3	87.0	97.1	100.2	91.7	101.4	75.5	98.7
February	91.8	88.6	96.5	104.9	91.7	102.2	76.6	98.1
March	92.0	89.0	97.0	104.7	91.7	101.2	76.3	102.5
April	92.2	89.3	98.3	105.0	87.3	101.5	76.2	102.2
May	93.2	89.2	97.5	101.8	99.5	108.4	76.5	102.0
June	93.7	90.2	97.6	102.1	99.5	109.0	76.5	102.1
July	93.7	87.6	98.7	102.2	98.0	113.9	78.4	102.4
August	95.8	89.6	99.2	102.5	100.8	118.3	81.0	101.9
September	96.2	88.8	101.4	108.8	100.8	116.1	82.5	102.5
October	95.8	88.0	101.9	108.9	98.6	116.1	82.9	101.5
November	94.5	86.2	104.4	106.8	97.5	114.2	82.8	101.4
December	93.9	88.0	104.4	106.6	97.5	106.1	82.1	101.3
2009								
January	93.8	91.6	103.8	106.0	100.0	94.1	83.1	101.5
February	93.5	92.6	103.8	105.9	100.2	89.5	83.6	101.5
March	94.2	93.3	103.8	104.6	100.2	92.3	83.9	101.4
April	93.4	92.9	103.9	95.1	101.1	93.0	84.6	104.5
May	94.9	96.3	103.9	95.0	101.1	93.4	84.6	104.5
June	94.8	95.9	103.9	95.0	101.1	94.3	84.1	104.5
July	94.8	95.2	104.0	95.2	101.3	96.5	83.7	105.0
August	96.3	98.0	104.0	95.2	101.3	99.3	82.3	105.4
September	97.7	101.5	104.0	95.2	101.3	98.8	82.3	105.4
October	95.4	96.6	103.9	98.3	100.6	96.4	81.3	105.2
November	94.9	95.7	103.9	98.3	100.6	96.7	80.5	105.2
December	95.0	95.3	102.8	98.4	100.6	98.0	81.0	105.2
2010								
January	95.2	94.8	103.0	98.2	99.7	97.8	86.5	99.1
February	95.3	94.5	103.0	98.3	99.7	99.2	87.0	99.1
March	96.6	97.1	103.0	98.4	100.2	99.3	87.5	99.1
April	97.7	99.3	103.7	98.4	99.4	100.8	87.2	99.1
May	97.3	97.6	103.7	98.7	99.4	102.7	87.2	99.1
June	97.4	98.0	103.6	100.0	99.3	100.8	87.5	99.2
July	99.6	99.1	102.9	100.0	100.0	99.6	100.1	99.2
August	100.3	100.4	103.2	100.1	100.0	100.3	100.1	99.2
September	100.5	100.7	99.6	100.1	100.0	101.0	100.1	100.4
October	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
November	99.5	98.5	100.0	100.0	100.0	101.7	100.4	99.4
December	99.8	99.0	99.6	100.0	100.0	102.3	100.4	99.4
2011								
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
2012								
January	103.6	102.0	99.6	104.1	104.6	111.0	102.8	102.0
February	104.1	103.0	99.8	104.1	104.6	111.9	102.9	101.8
March	105.6	105.7	99.8	104.4	104.6	113.2	103.0	102.2
April	106.8	107.9	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	106.9	108.2	99.3	104.7	104.6	114.3	101.9	102.3
July	106.4	107.9	99.3	104.8	104.6	110.7	101.8	102.3
August	105.9	107.3	99.3	103.9	104.6	110.2	102.0	102.4
September	105.5	107.1	99.3	101.3	104.6	112.2	102.0	102.3
October	105.6	106.7	100.0	101.3	104.6	114.4	102.4	102.3
November	105.4	106.5	100.0	101.2	104.6	114.1	102.4	101.7
Percentage change between October 2012 and November 2012.	-0.2	-0.2	0.0	-0.1	0.0	-0.2	0.0	-0.6
Percentage change between November 2011 and November 2012.	1.5	4.0	0.2	-2.6	0.0	2.1	0.1	-0.4

**TABLE 2: CONSUMER PRICE INDEX SERIES WITH % CHANGES FOR THE PERIOD
AND INFLATION RATE FOR THE PERIOD AND YEAR**
Index Period: NOVEMBER 2012.
(Base Period: OCTOBER 2010 = 100.0)

YEAR / MONTH	LOCAL INDEX	IMPORT INDEX	ALL ITEMS INDEX	MONTHLY % CHANGE IN ALL ITEMS INDEX	ANNUAL INFLATION RATE (%) FOR THE PERIOD	AVERAGE INDEX FOR YEAR	AVERAGE ANNUAL INFLATION RATE (%)
2008							
January	90.8	89.8	90.3	2.3	10.5		
February	93.8	90.5	91.8	1.6	12.2		
March	94.5	90.5	92.0	0.3	12.0		
April	94.6	90.7	92.2	0.2	11.9		
May	94.6	92.2	93.2	1.1	12.6		
June	95.6	92.5	93.7	0.6	12.2	<u>89.6</u>	<u>9.6</u>
July	92.9	93.9	93.7	0.0	9.3		
August	96.1	95.4	95.8	2.2	10.9		
September	96.8	95.6	96.2	0.4	10.3		
October	95.0	96.0	95.8	-0.4	9.5		
November	92.3	95.6	94.5	-1.3	7.9		
December	94.4	93.5	93.9	-0.6	6.4	<u>93.6</u>	<u>10.5</u>
2009							
January	97.7	91.5	93.8	-0.2	3.8		
February	98.2	90.9	93.5	-0.2	1.9		
March	98.6	91.7	94.2	0.7	2.4		
April	94.9	92.5	93.4	-0.8	1.4		
May	98.4	92.9	94.9	1.6	1.9		
June	97.4	93.3	94.8	-0.1	1.2	<u>94.5</u>	<u>5.6</u>
July	96.6	93.8	94.8	0.0	1.2		
August	99.5	94.5	96.3	1.5	0.5		
September	100.7	95.9	97.7	1.5	1.6		
October	96.5	94.7	95.4	-2.3	-0.4		
November	97.5	93.4	94.9	-0.5	0.4		
December	98.5	93.0	95.0	0.1	1.2	<u>94.9</u>	<u>1.4</u>
2010							
January	95.3	94.9	95.2	0.2	1.5		
February	95.8	94.9	95.3	0.1	1.9		
March	97.0	96.2	96.6	1.3	2.5		
April	99.3	96.7	97.7	1.2	4.6		
May	96.9	97.3	97.3	-0.4	2.5		
June	97.4	97.2	97.4	0.1	2.7	<u>96.1</u>	<u>1.7</u>
July	99.0	99.8	99.6	2.3	5.1		
August	99.9	100.3	100.3	0.7	4.2		
September	101.5	99.8	100.5	0.2	2.9		
October	100.0	100.0	100.0	-0.5	4.8		
November	98.8	100.0	99.5	-0.5	4.8		
December	98.9	100.4	99.8	0.3	5.0	<u>98.3</u>	<u>3.6</u>
2011							
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	<u>101.9</u>	<u>6.0</u>
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	<u>104.4</u>	<u>6.3</u>
2012							
January	100.3	106.0	103.6	0.0	1.9		
February	101.3	106.2	104.1	0.5	2.6		
March	103.9	106.9	105.6	1.4	1.8		
April	104.5	108.5	106.8	1.1	1.5		
May	105.2	108.5	107.1	0.3	0.4		
June	105.8	107.7	106.9	-0.2	2.5		
July	105.7	106.9	106.4	-0.5	0.9		
August	104.3	107.0	105.9	-0.5	-0.6		
September	103.1	107.2	105.5	-0.4	-0.6		
October	102.6	107.7	105.6	0.1	1.2		
November	102.1	107.8	105.4	-0.2	1.5	<u>105.5</u>	<u>1.4</u>

TABLE 3: CONSUMER PRICE INDEX WITH LOCAL AND IMPORTED COMPONENTS
PERCENTAGE CHANGE FROM PREVIOUS MONTH
(Base Period: OCTOBER 2010 = 100.0)
Index Period : NOVEMBER 2012

	WEIGHTS			NOVEMBER 2012			OCTOBER 2012			% CHANGE		
	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total
A. FOOD	17.8	27.9	45.8	103.4	108.6	106.5	104.5	108.1	106.7	-1.0	0.4	-0.2
Fruit and Vegetables	6.5	0.9	7.5	96.0	117.1	98.6	94.9	114.6	97.0	1.1	2.2	1.7
Meats, Fish & Poultry	3.7	14.6	18.4	115.6	111.4	112.2	122.5	110.6	113.1	-5.6	0.7	-0.7
Dairy Farm & Vegetable Products	0.5	3.2	3.6	109.2	106.0	106.4	110.8	106.5	107.3	-1.5	-0.5	-0.9
Cereals and Cereal Products	3.4	3.5	6.9	107.2	108.7	108.0	107.2	108.8	108.0	0.0	-0.1	0.0
Other Food	0.0	5.7	5.7	3.0	101.3	101.3	0.0	101.1	101.5	-	0.3	-0.1
Drinks, Sweets & Meals away from home	3.7	0.0	3.7	99.7	3.0	99.7	99.7	0.0	99.7	0.0	-	0.0
B. HOUSING	1.7	0.8	2.5	100.0	100.0	100.0	100.0	98.0	100.0	0.0	2.1	0.0
House Maintenance Goods	0.1	0.8	0.9	100.0	100.0	100.0	100.0	98.0	100.0	0.0	2.1	0.0
House Maintenance Services	1.6	0.0	1.6	100.0	3.0	100.0	100.0	0.0	100.0	0.0	-	0.0
C. HOUSEHOLD OPERATIONS	17.3	3.5	20.8	101.5	99.8	101.2	101.5	100.0	101.3	0.0	-0.2	-0.1
Domestic Fuel and Power	6.0	1.1	7.1	102.7	99.6	102.2	102.7	99.5	102.2	0.0	0.1	0.0
H/hold Appl., Equipment & Utensils	0.0	1.2	1.2	3.0	100.0	100.0	0.0	100.0	100.0	-	0.0	0.0
Household Furni., Furn. & Textiles	1.4	0.0	1.4	107.5	3.0	107.5	107.5	0.0	107.5	0.0	-	0.0
H/hold Supplies & Services	4.7	1.2	5.9	100.0	99.7	99.9	100.0	100.4	100.1	0.0	-0.7	-0.2
Communications Services	5.2	0.0	5.2	100.0	3.0	100.0	100.0	0.0	100.0	0.0	-	0.0
D. CLOTHING AND FOOTWEAR	0.0	3.2	3.2	0.0	104.6	104.6	0.0	104.6	104.6	0.0	0.0	0.0
Clothing Supplies & Services	0.0	2.1	2.1	0.0	106.8	106.8	0.0	106.8	106.8	-	0.0	0.0
Footwear	0.0	1.0	1.0	0.0	100.0	100.0	0.0	100.0	100.0	-	0.0	0.0
E. TRANSPORTATION	0.5	11.5	11.9	107.0	114.4	114.1	107.0	112.4	114.4	0.0	1.8	-0.2
Public Transportation	0.5	2.9	3.4	107.0	104.7	105.0	107.0	104.7	105.0	0.0	0.0	0.0
Private Transportation	0.0	8.6	8.6	3.0	117.8	117.8	2.0	115.1	118.1	-	2.3	-0.3
F. TOBACCO, ALCOHOL & KAVA	1.5	4.5	6.0	100.0	103.2	102.4	100.0	103.5	102.4	0.0	-0.2	0.0
Tobacco	0.0	2.9	2.9	3.0	109.4	109.4	0.0	109.4	109.4	-	0.0	0.0
Alcohol	0.8	1.6	2.4	100.0	92.0	94.7	100.0	92.8	94.7	0.0	-0.8	0.0
Kava	0.7	0.0	0.7	100.0	3.0	100.0	100.0	0.0	100.0	0.0	-	0.0
G. MISC. GOODS & SERVICES	3.5	6.4	9.8	100.0	102.6	101.7	100.0	103.6	102.3	0.0	-1.0	-0.6
Medical Health Services & Supplies	0.2	0.3	0.6	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0
Cosmetics and Toiletries	0.0	5.3	5.3	0.0	102.1	102.1	0.0	103.3	103.3	-	-1.2	-1.1
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	109.4	108.3	100.0	109.4	108.3	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	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
TOTAL	42.2	57.8	100.0	102.1	107.8	105.4	102.6	107.7	105.6	-0.4	0.0	-0.2

TABLE 4: CONSUMER PRICE INDEX WITH LOCAL AND IMPORTED COMPONENTS
PERCENTAGE CHANGE FROM SAME MONTH OF PREVIOUS YEAR
 (Base Period: OCTOBER 2010 = 100.0)
 Index Period : NOVEMBER 2012

	WEIGHTS			NOVEMBER 2012			NOVEMBER 2011			% CHANGE		
	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total	Local	Imported	Total
A. FOOD	17.8	27.9	45.8	103.4	108.6	106.5	94.6	107.4	102.4	9.3	1.1	4.0
Fruit and Vegetables	6.5	0.9	7.5	96.0	117.1	98.6	73.5	109.5	78.0	30.5	7.0	26.4
Meat, Fish & Poultry	3.7	14.6	18.4	115.6	111.4	112.2	108.3	108.5	108.5	6.8	2.6	3.5
Dairy Farm & Vegetables Products	0.5	3.2	3.6	109.2	106.0	106.4	110.5	108.4	108.7	-1.2	-2.3	-2.1
Cereals and Cereal Products	3.4	3.5	6.9	107.2	108.7	108.0	112.0	110.4	111.1	-4.2	-1.5	-2.8
Other Food	0.0	5.7	5.7	3.0	101.3	101.3	0.0	102.0	102.0	-	-0.7	-0.7
Drinks, Sweets & Meals away from home	3.7	0.0	3.7	99.7	3.0	99.7	100.0	0.0	100.0	-0.3	-	-0.3
B. HOUSING	1.7	0.8	2.5	100.0	100.0	100.0	100.0	99.3	99.8	0.0	0.8	0.2
House Maintenance Goods	0.1	0.8	0.9	100.0	100.0	100.0	100.0	99.3	99.4	0.0	0.8	0.7
House Maintenance Services	1.6	0.0	1.6	100.0	3.0	100.0	100.0	0.0	100.0	0.0	-	0.0
C. HOUSEHOLD OPERATIONS	17.3	3.5	20.8	101.5	99.8	101.2	104.2	102.5	103.9	-2.6	-2.7	-2.6
Domestic Fuel and Power	6.0	1.1	7.1	102.7	99.6	102.2	112.2	106.2	111.3	-8.5	-6.2	-8.1
H/hold Appl., Equipment & Utensils	0.0	1.2	1.2	3.0	100.0	100.0	0.0	100.0	100.0	-	0.0	0.0
H/hold Furniture, Furniture & Textiles	1.4	0.0	1.4	107.5	3.0	107.5	100.0	0.0	100.0	7.5	-	7.5
H/hold Supplies & Services	4.7	1.2	5.9	100.0	99.7	99.9	100.0	101.5	100.3	0.0	-1.8	-0.4
Communications Services	5.2	0.0	5.2	100.0	3.0	100.0	100.0	0.0	100.0	0.0	-	0.0
D. CLOTHING AND FOOTWEAR	0.0	3.2	3.2	0.0	104.6	104.6	0.0	104.6	104.6	-	0.0	0.0
Clothing Supplies & Services	0.0	2.1	2.1	0.0	106.8	106.8	0.0	106.8	106.8	-	0.0	0.0
Footwear	0.0	1.0	1.0	0.0	100.0	100.0	0.0	100.0	100.0	-	0.0	0.0
E. TRANSPORTATION	0.5	11.5	11.9	107.0	114.4	114.1	107.0	112.0	111.8	0.0	2.1	2.1
Public Transport	0.5	2.9	3.4	107.0	104.7	105.0	107.0	104.7	105.0	0.0	0.0	0.0
Private Transport	0.0	8.6	8.6	3.0	117.8	117.8	0.0	114.5	114.5	-	2.8	2.8
F. TOBACCO, ALCOHOL & KAVA	1.5	4.5	6.0	100.0	103.2	102.4	100.0	103.0	102.3	0.0	0.2	0.1
Tobacco	0.0	2.9	2.9	3.0	109.4	109.4	0.0	104.7	104.7	-	4.5	4.5
Alcohol	0.8	1.6	2.4	100.0	92.0	94.7	100.0	100.0	100.0	0.0	-8.0	-5.3
Kava	0.7	0.0	0.7	100.0	3.0	100.0	100.0	0.0	100.0	0.0	-	0.0
G. MISC. GOODS & SERVICES	3.5	6.4	9.8	100.0	102.6	101.7	100.0	103.2	102.1	0.0	-0.6	-0.4
Medical Health Services & Supplies	0.2	0.3	0.6	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0
Cosmetics and Toiletries	0.0	5.3	5.3	0.0	102.1	102.1	0.0	102.9	102.9	-	-0.7	-0.7
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	109.4	108.3	100.0	109.4	108.3	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	100.0	0.0	100.0	100.0	0.0	100.0	0.0	-	0.0
TOTAL	42.2	57.8	100.0	102.1	107.8	105.4	99.5	107.0	103.8	2.6	0.8	1.5

**TABLE 5 : CONSUMER PRICE INDEX
GROUPS AND SUBGROUPS - INDEX NUMBERS**
(Base Period: OCTOBER 2010 = 100.0)
Index Period : NOVEMBER 2012

TONGA
SDT:23-312

Group or Subgroup	Annual														
	2009	2010	Nov 11	Dec 11	Jan 12	Feb 12	Mar 12	Apr 12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-02	Nov-12
A.FOOD GROUP	95.4	98.3	102.4	102.1	102.0	103.0	105.7	107.9	108.3	108.2	107.9	107.3	107.1	106.7	106.5
Fruit and Vegetables	83.0	92.6	78.0	81.5	83.7	90.0	104.3	105.4	109.4	110.0	103.0	99.2	95.6	97.0	98.6
Meats, Fish & Poultry	95.7	98.1	108.5	105.7	105.8	106.5	107.9	112.8	112.3	111.9	114.3	114.0	114.9	113.1	112.2
Dairy Farm & Vegetable Products	101.9	99.8	109.2	109.2	105.5	105.6	105.3	105.5	106.1	106.6	106.3	106.7	107.1	107.3	106.4
Cereals and Cereal Products	111.0	103.5	111.1	111.6	110.2	109.3	108.2	108.5	108.3	108.3	108.0	108.0	108.1	108.0	108.0
Other Food	90.6	99.2	102.0	103.1	103.0	101.6	101.6	101.3	101.4	100.7	100.3	100.9	101.1	101.5	101.3
Drinks, Sweets & Meals away from home	95.1	99.1	100.0	100.0	100.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
B.HOUSING GROUP	103.8	102.1	99.8	99.7	99.6	99.8	99.8	99.4	99.3	99.3	99.3	99.3	99.3	100.0	100.0
House Maintenance Goods	106.1	103.3	99.4	99.1	98.8	99.6	99.6	98.3	98.0	98.0	98.2	98.2	98.2	100.0	100.0
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
C.HOUSEHOLD OPERATION GROUP	98.5	99.3	103.9	105.4	104.1	104.1	104.4	104.3	104.4	104.7	104.8	103.9	101.3	101.3	101.2
Domestic Fuel and Power	99.0	100.6	111.3	115.7	110.7	110.8	111.6	111.5	111.6	112.3	112.6	110.0	102.2	102.2	102.2
H/hold Appl., Equipment & Utensils	101.8	99.7	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
Household Furni., Furn. & Textiles	97.6	98.9	100.0	100.0	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
H/hold Supplies & Services	96.9	98.2	100.3	100.3	99.8	99.8	99.7	99.7	99.8	99.9	100.0	100.0	100.1	100.1	99.9
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
D.CLOTHING AND FOOTWEAR GROUP	100.8	99.8	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
Clothing Supplies & Services	99.8	99.7	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
Footwear	103.8	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
E.TRANSPORTATION GROUP	95.2	100.5	111.8	111.3	111.0	111.9	113.2	115.2	116.0	114.3	110.7	110.2	112.2	114.4	114.1
Public Transportation	96.5	97.5	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	94.6	101.7	114.5	113.8	113.4	114.6	116.5	119.2	120.3	118.0	113.0	112.3	115.1	118.1	117.8
F.TOBACCO, ALCOHOL & KAVA GROUP	82.9	93.7	102.3	102.2	102.8	102.9	103.0	103.0	102.4	101.9	101.8	102.0	102.0	102.4	102.4
Tobacco	79.1	90.4	104.7	104.6	109.8	110.1	109.3	109.3	109.4	109.4	109.4	109.4	109.4	109.4	109.4
Alcohol	89.1	100.0	100.0	100.0	95.2	95.2	96.1	96.1	94.7	93.5	93.2	93.7	93.7	94.7	94.7
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
G. MISC. GOODS & SERVICES	104.4	99.4	102.1	102.0	102.0	101.8	102.2	102.1	102.2	102.3	102.3	102.4	102.3	102.3	101.7
Medical Health Services & Supplies	90.1	97.5	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
Cosmetics and Toiletries	99.7	100.3	102.9	102.7	102.7	102.4	103.0	102.8	103.0	103.2	103.2	103.4	103.3	103.3	102.1
Personal Goods	106.5	100.2	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 Supplies	78.7	83.8	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3
Leisure & Recreational & Craft Supplies	99.2	99.7	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	125.6	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
ALL GROUPS	94.9	98.3	103.8	103.9	103.6	104.1	105.6	106.8	107.1	106.9	106.4	105.9	105.5	105.6	105.4

**Table 6 : MONTHLY AVERAGE PRICE OF
SELECTED LOCAL ITEMS**

	Unit	2009	2010	2011	Nov-11	Dec 11	Jan 12	Feb-12	Mar 12	Apr 12	May 12	Jun 12	Jul 12	Aug 12	Sept 12	Oct 12	Nov 12	
ROOT CROPS																		
1	Talo - Futuna	1 kg	0.85	1.26	0.90	0.66	0.81	1.71	0.82	0.73	0.73	0.81	0.87	0.79	0.89	0.88	1.05	0.98
2	Talo - Tonga	1kg	1.09	1.40	1.13	0.96	0.90	1.33	1.12	1.23	1.21	1.03	0.91	1.11	1.24	1.11	1.15	1.89
3	Manioka	1 kg	0.71	0.66	0.50	0.41	0.52	0.46	0.45	0.46	0.43	0.47	0.50	0.57	0.58	0.60	0.59	0.58
4	Kumala	1 kg	0.98	1.15	1.08	1.07	0.90	1.05	0.85	0.91	1.14	1.14	1.21	1.02	1.50	1.32	1.35	1.81
5	Yams; early	1 kg	3.19	4.08	4.17	4.56	3.86	4.74	3.61	3.19	3.21	4.04	4.27	4.93	4.72	3.59	4.69	5.29
6	Yams, late	1 kg	1.89	2.44	2.23	1.70	1.70	1.70	1.66	2.15	2.09	1.93	1.98	2.49	2.63	3.49	3.53	3.21
VEGETABLES																		
1	Lu	1 kg	3.47	4.62	3.85	4.85	4.90	4.58	4.17	4.41	4.91	4.56	4.32	4.11	4.19	3.59	3.11	2.94
2	Pele	1 kg	2.06	2.04	2.21	2.08	2.52	2.42	2.26	2.39	2.36	2.30	2.34	2.48	2.49	2.18	3.13	2.24
3	Tomatoes	1 kg	5.44	3.81	4.24	1.36	1.37	1.78	2.98	5.98	5.83	6.06	5.69	4.49	2.34	2.04	2.12	1.92
4	H/Cabbage	1 kg	2.83	2.25	2.27	1.05	1.10	1.80	4.76	3.50	3.65	3.86	2.25	1.62	1.35	1.33	1.02	0.69
7	Carrots	1 kg	4.86	4.05	4.31	3.28	2.83	2.26	5.23	4.43	4.59	5.08	6.76	4.49	3.07	2.51	2.07	2.27
8	Capsicum	1 kg	11.07	8.50	8.48	8.31	5.20	3.78	4.97	6.87	7.10	7.06	8.19	7.68	6.66	6.55	7.05	4.20
FRUITS AND NUTS																		
1	Bananas ripe	1 kg	3.13	4.02	2.81	2.67	2.57	2.46	2.45	2.78	3.03	3.39	3.68	3.23	3.08	2.81	2.71	3.09
2	Watermelon	1 kg	1.12	1.22	1.10	0.87	1.15	0.98	0.69	0.89	0.99	1.17	1.27	1.26	1.53	1.53	1.18	0.79
3	Pineapple	1 kg	5.55	4.61	5.42	2.71	4.27	4.45	4.44	5.31	5.31	4.60	5.88	6.78	7.69	7.69	4.24	3.08
4	Pawpaw	1 kg	2.73	3.11	2.19	1.44	1.85	1.25	1.36	1.46	2.27	2.51	2.06	2.30	2.36	3.36	4.36	5.36
5	Coconut (dry)	1 kg	0.33	0.36	0.35	0.37	0.36	0.38	0.36	0.33	0.33	0.30	0.33	0.34	0.33	0.33	0.33	0.37
6	Coconut (green)	1 kg	0.57	0.60	0.60	0.57	0.58	0.55	0.62	0.65	0.62	0.64	0.58	0.58	0.64	0.63	0.62	0.56
7	Peanuts	1 kg	23.09	24.23	18.44	16.33	12.67	16.01	16.33	18.00	20.00	20.50	18.11	18.33	21.33	22.33	20.89	20.93
MARINE AND ANIMAL PRODUCTS																		
1	Sausages	1 kg	8.87	8.31	6.98	6.75	6.87	6.90	6.90	7.15	7.15	7.20	7.20	7.20	7.20	7.07	7.07	7.07
2	Eggs	1 egg	0.54	0.50	0.52	0.55	0.55	0.47	0.47	0.49	0.50	0.51	0.50	0.52	0.54	0.55	0.55	0.55
3	Tuna	1 kg	9.15	10.37	12.32	12.67	13.00	12.00	12.00	12.00	12.00	13.00	14.75	14.00	14.00	14.00	14.00	12.75
4	Octopus	1 kg	14.56	12.31	23.77	11.54	20.56	35.50	30.12	30.00	33.50	32.50	36.40	36.50	30.80	35.50	34.25	24.40
5	Cockles (to'o)	1 kg	4.47	3.05	3.54	3.29	3.47	3.06	2.71	2.24	2.61	2.81	3.84	4.88	4.37	4.38	2.75	4.52
7	Stringed fish (Mixed)	1 kg	8.94	7.85	8.15	7.01	7.00	7.69	7.28	7.19	7.67	7.89	8.22	9.66	10.47	11.49	9.03	8.00

**Table 7 : MONTHLY AVERAGE PRICE OF
SELECTED IMPORTED ITEMS**

	Unit	Annual ...														Annual	
		2009	Nov 11	Dec 11	Jan 12	Feb 12	Mar 12	Apr 12	May 12	Jun 12	Jul 12	Aug 12	Sept 12	Oct 12	Nov 12	% change	
FOOD																	
Fruits and Vegetables																	
1	Potatoes	1 kg	2.54	2.60	2.59	2.70	2.59	3.00	2.83	2.85	2.85	3.13	3.03	3.13	3.28	3.03	17%
2	Onions	1 kg	2.58	2.75	2.75	2.88	2.74	2.94	2.81	2.81	3.19	2.75	2.88	2.88	2.75	3.25	18%
3	Apples	1 kg	12.06	9.00	9.00	9.53	9.08	8.02	8.02	8.02	8.64	8.14	9.01	8.95	8.46	7.96	-12%
4	Oranges	1 kg	13.59	12.00	12.00	12.00	11.15	11.15	12.00	12.00	11.57	11.57	11.31	11.07	11.07	13.10	9%
Meats, Fish & Poultry																	
5	Mutton Flaps	1 kg	8.24	10.55	10.08	10.17	10.19	10.37	11.30	10.83	10.27	10.67	10.50	10.33	10.33	10.33	-2%
6	Chicken Pieces	1 kg	4.01	3.78	3.58	3.58	3.53	3.58	3.84	3.74	3.75	3.75	3.75	3.80	3.88	3.88	3%
Other Food																	
1	Flour	1 kg	2.13	1.99	1.99	1.93	1.87	1.93	1.93	1.87	1.88	1.88	1.93	1.96	2.01	2.01	1%
2	Sugar	1 kg	1.90	2.71	2.71	2.60	2.59	2.54	2.51	2.54	2.51	2.51	2.54	2.54	2.51	2.51	-7%
TOBACCO, ALCOHOL AND KAVA																	
Tobacco																	
3	Winfield Blue	Packet	9.80	11.83	11.83	12.75	12.75	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6%
4	Port Royal Tobacco	Packet	13.37	24.13	24.13	24.13	24.13	24.13	24.13	24.13	24.13	24.13	24.13	24.13	24.13	24.13	0%
TRANSPORTATION																	
Private Transportation																	
1	Petrol	litre	2.30	2.80	2.75	2.74	2.77	2.83	2.90	2.94	2.87	2.74	2.72	2.79	2.87	2.86	2%
2	Diesel	litre	2.29	2.80	2.87	2.87	2.89	2.91	2.96	2.97	2.93	2.82	2.80	2.87	2.95	2.95	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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