

# Statistical Bulletin JULY 2021









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Aug 2021 Price: TOP 2.50

# **Table of Contents**

3
3
4
5
13
orted
ems as
y 2021 4

### **Overview**

#### **CONSUMER PRICE INDEX FOR JULY 2021**

(Base Period: September 2018 = 100.0)

Consumer Price Index increased by 0.3%, Inflation Rate is 6.8%

The Consumer Price Index covers price changes in Tongatapu and Vava'u. The weights were derived from the Household Income and Expenditure Survey (HIES) (2015-2016). Also, the groups use all different grouping of the Classification of Individual Consumption by Purpose (COICOP).

- 1. The Consumer Price Index (CPI) for July 2021 increased by 0.3 from 105.2 in the previous month to 105.6. Over the previous two months, the index for all items increased by 0.9% in June 2021 and decreased by 0.2% in May 2021.
- 2. When comparing the **local** and **imported** indices for **July 2021** to the previous month, Local index increased **by 0.9%** and import index decreased **by 0.1%**.
- 3. The rate of inflation for July 2021 is 6.8%, compared to 6.9% inflation in previous month. The Inflation rate for the same month of previous year, July 2020, was 1.1% (deflation).
- **4.** When comparing the **annual change** in the **local** and **imported indices** for **July 2021**, the local index recorded an increase by **5.7%** and import index also increased by **7.6%**.

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

#### A. FOOD AND NON-ALCOHOLIC BEVERAGES

-0.2%

**Food Group** recorded a decrease towards the index position of **July 2021**. This was due to decrease in price of some local and import items such as **tomatoes**, **h/cabbage**, **late yam**, **suckling pigs**, **Octopus**, **taro leaves**, **water melon**, **sausages and chicken wings** that decreased throughout the month.

#### B. ALCOHOLIC BEVERAGES, TOBACCO AND KAVA

0.2%

Price of items in this group recorded an increase due to increase in price of *cigarettes* (*import*) compared to the previous month.

#### C. CLOTHING AND FOOTWEAR

0.0%

Price of items in this group recorded no change compared to the previous month.

#### D. HOUSING, WATER, ELECTRICITY AND GAS.

4.2%

Although there were price changes in this group during the month, the overall change remains an increase towards the index position of **July 2021** due to an increase in price of *electricity, roofing iron and timber* compared to the previous month.

#### E. FURNISHINGS, HOUSEHOLD EQUIPMENT AND HOUSEHOLD MAINTENANCE

0.5%

Price of items in this group recorded an increase due to increase in price of *detergent*, *batteries and mosquito coil* compared to the previous month.

г.	REALIN	0.0%
	Price of items in this group recorded no change compared to the previous month.	
G.	TRANSPORT	-0.3%
	Price of items in this group recorded a decrease due to decrease in price of <b>petrol</b> compared to the previous month.	
н.	H. COMMUNICATIONS	0.0%
	Price of items in this group recorded no change compared to the previous month.	
I.	RECREATION AND CULTURE	0.0%
	Price of items in this group recorded no change compared to the previous month.	
J.	EDUCATION	0.0%
	Price of items in this group recorded no change compared to the previous month.	
K.	RESTAURANTS AND HOTELS	0.0%
	Price of items in this group recorded no change compared to the previous month.	
L.	MISCELLANEOUS GOODS AND SERVICES	0.0%
	Price of items in this group recorded no change compared to the previous month.	



## **Price Index:**

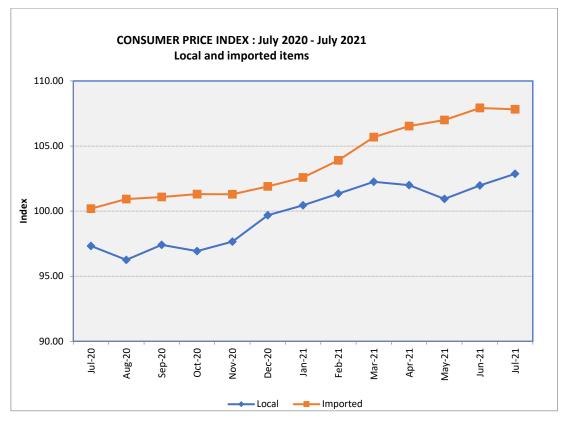


Figure 1 Graphical representation of Consumer Price Index for Total, Local and Imported Components

## **Annual Inflation Rate:**

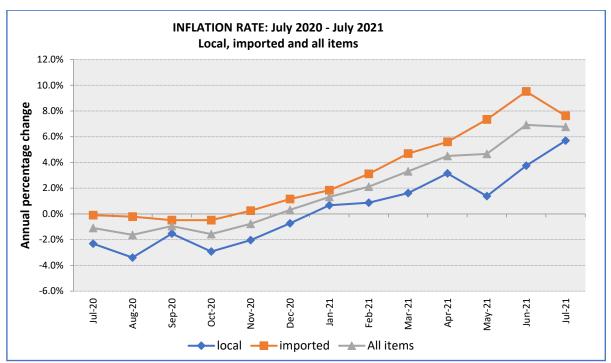
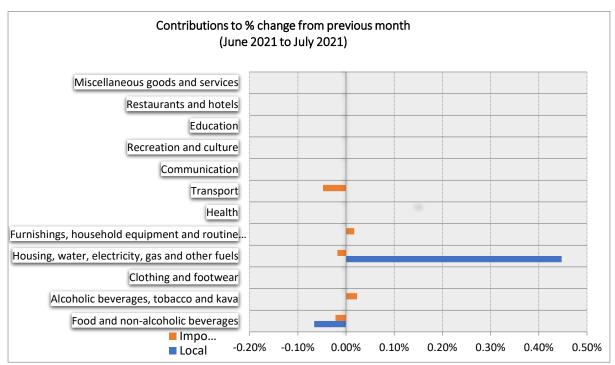


Figure 2 Graphical representation of Inflation rate (%) for Local, Imported and All Items as measured by Consumer Price Index

# Contribution to % Change from Previous Month

Table 1 Contribution to % change from previous month, All groups: June 2021 to July 2021

Group	Local	Imported	Tota
Food and non-alcoholic beverages	-0.07%	-0.02%	-0.09%
Alcoholic beverages, tobacco and kava	0.00%	0.02%	0.02%
Clothing and footwear	0.00%	0.00%	0.00%
Housing, water, electricity, gas and other fuels	0.45%	-0.02%	0.43%
Furnishings, household equipment and routine household maintenance	0.00%	0.02%	0.02%
Health	0.00%	0.00%	0.00%
Transport	0.00%	-0.05%	-0.05%
Communication	0.00%	-	0.00%
Recreation and culture	-	0.00%	0.00%
Education	0.00%	-	0.00%
Restaurants and hotels	0.00%	-	0.00%
Miscellaneous goods and services	0.00%	0.00%	0.00%
TOTAL	0.38%	-0.05%	0.33%



Figure~3~Contribution~to~%~change~from~previous~month,~All~groups:~March~2021~to~April~2021~to~Apr

## Contribution to % Change from Last Year

Table 2 Contributions to % change from last year, all groups: July 2020 to July 2021

Group	Local	Imported	Total
Food and non-alcoholic beverages	1.2%	1.5%	2.7%
Alcoholic beverages, tobacco and kava	0.0%	0.0%	0.0%
Clothing and footwear	0.0%	0.1%	0.1%
Housing, water, electricity, gas and other fuels	1.2%	0.2%	1.4%
Furnishings, household equipment and routine household maintenance	0.0%	0.0%	0.1%
Health	0.0%	0.0%	0.0%
Transport	0.0%	2.3%	2.3%
Communications	0.0%	-	0.0%
Recreation and culture	-	0.0%	0.0%
Education	0.0%	-	0.0%
Restaurants and hotels	0.0%	-	0.0%
Miscellaneous goods and services	0.0%	0.1%	0.1%
TOTAL	2.5%	4.3%	6.8%

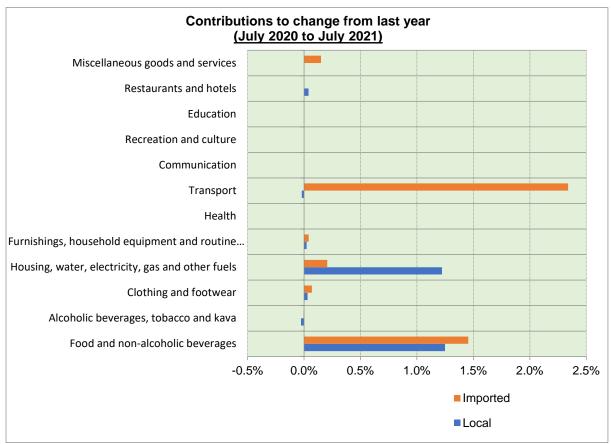


Figure 4 Contributions to % change from last year, all groups: July 2020 to July 2021

Table 3 Consumer Price Index by Major Groups, July 2021

Year/month	All items	Food and non- alcoholic beverages	Alcoholic beverages, tobacco and kava	Clothing and footwear	Housing, water, electricity and gas	Furnishings, household equipment and household maintenance	Health	Transport	Communication	Recreation and culture	Education	Restaurants and hotels	Miscellaneous goods and services
Weight	100%	39.8%	11.6%	2.1%	10.8%	3.2%	0.3%	16.4%	5.2%	1.1%	2.2%	3.1%	4.2%
2019													
January	99.7	100.1	100.1	102.6	101.0	99.8	100.0	94.4	100.0	103.6	104.2	108.2	101.0
February	99.9	101.1	100.2	102.9	101.5	100.1	100.0	92.4	100.0	103.6	104.2	108.2	101.0
March	100.4	102.2	99.7	101.5	100.9	100.5	100.0	93.9	100.0	103.6	104.2	108.2	99.8
April	98.7	98.1	98.1	101.5	98.9	100.6	100.0	96.3	100.0	103.6	104.2	108.2	99.8
May	99.6	99.5	97.7	101.5	98.9	100.7	100.0	98.5	100.0	103.6	104.2	108.2	98.8
June	99.8	99.6	97.2	101.5	100.2	100.8	100.0	99.0	100.0	103.6	104.2	108.2	98.8
July	100.0	100.8	97.5	102.1	100.3	101.7	100.0	97.1	100.0	103.6	104.2	108.2	98.6
August	100.5	102.2	97.3	102.1	100.3	101.7	100.0	96.4	100.0	103.6	104.2	108.2	98.9
September	100.4	102.0	96.8	103.8	99.0	102.0	100.0	97.4	100.0	103.6	104.2	108.2	98.9
October	100.9	102.8	96.5	103.8	100.0	102.0	100.0	98.3	100.0	103.6	104.2	108.2	99.3
November	100.4	100.7	96.6	103.9	100.4	102.1	100.0	99.4	101.6	103.6	104.2	108.2	99.7
December	100.6	101.4	95.1	104.3	100.8	100.5	100.0	99.7	101.6	103.6	104.2	108.2	99.8
2020	100.0	202.1	33.2	20 110	200.0	200.5	200.0	33	202.0	100.0	10 112	10011	33.0
January	100.3	100.5	95.5	105.5	100.5	100.5	100.0	99.7	101.6	103.6	104.2	108.2	99.9
February	100.6	101.6	94.7	106.1	100.6	100.2	100.0	99.6	101.6	103.6	104.8	108.2	100.0
March	100.8	102.3	94.7	106.1	102.6	100.3	100.0	97.4	101.6	103.6	104.8	108.2	100.8
April	100.0	102.8	93.9	106.5	98.9	102.2	100.0	94.7	99.9	103.6	104.8	108.2	99.7
May	99.6	104.0	95.5	108.8	99.2	103.3	100.0	87.6	99.9	103.6	104.8	108.2	100.2
June	98.4	102.6	99.4	109.1	96.9	103.3	100.0	82.3	99.9	103.6	104.8	108.2	100.3
July	98.9	103.5	100.3	109.1	89.7	102.5	100.0	87.2	99.9	103.6	104.8	108.2	100.6
August	98.8	102.1	100.3	110.5	89.2	102.5	100.0	90.2	99.9	103.6	104.8	108.2	100.8
September	99.4	102.9	100.4	110.5	89.2	102.7	100.0	91.8	99.9	103.6	104.8	108.2	100.8
October	99.3	102.8	100.0	112.6	89.1	103.4	100.0	91.6	99.9	103.6	104.8	108.2	100.8
November	99.7	103.2	100.1	112.6	90.6	104.1	100.0	91.3	99.9	103.6	104.8	108.2	100.9
December	100.9	105.2	100.3	112.6	93.8	104.4	100.0	91.5	99.9	103.6	104.8	108.2	101.4
021													
January	101.6	106.2	100.1	114.3	94.0	103.9	100.0	93.1	99.9	103.6	104.8	109.5	101.9
February	102.8	108.0	100.0	113.2	94.5	103.9	100.0	95.4	99.9	103.6	104.8	109.5	102.4
March	104.1	109.9	100.3	113.4	96.1	103.9	100.0	98.0	99.9	103.6	104.8	109.5	102.5
April	104.5	109.6	100.3	113.4	96.2	103.9	100.0	100.3	99.9	103.6	104.8	109.5	103.8
·	104.3	107.9	100.3	113.4	98.5	103.9	100.0	101.4	99.9	103.6	104.8	109.5	103.8
May	105.2	110.5	99.9	113.9	98.6	103.9	100.0	101.5	99.9	103.6	104.8	109.5	104.0
June													
July Percentage Thange between une 2021 and uly 2021.	0.3	-0.2	100.1 <b>0.2</b>	0.0	102.8 <b>4.2</b>	104.5 <b>0.5</b>	0.0	-0.3	99.9 <b>0.0</b>	0.0	0.0	109.5 <b>0.0</b>	0.0
Percentage change between fuly 2020 and July 2021.	6.8	6.5	-0.3	4.3	14.5	1.9	0.0	16.0	0.0	0.0	0.0	1.2	3.5

Table 4 Consumer Price Index and Inflation Rate, July 2021

Year	Month	Local	Import	All items	Monthly change for all items (%)	Annual inflation rate for period (%)	Average index for year	Average annual inflation rate (%)
2018	January	94.2	97.0	95.7	0.9	6.4		
	February	95.6	97.7	96.7	1.1	3.7		
	March	99.3	97.6	98.4	1.7	5.0		
	April	100.0	97.4	98.6	0.2	4.7		
	May	98.2	97.8	98.0	-0.6	3.8		
	June	97.8	98.2	98.0	0.0	3.0	<u>96.2</u>	<u>5.3</u>
	July	102.1	99.2	100.5	2.6	5.8		
	August	102.2	99.3	100.6	0.1	6.1		
	September	100.0	100.0	100.0	-0.6	5.5		
	October	101.1	100.3	100.7	0.7	6.2		
	November	100.8	99.9	100.3	-0.4	6.5		
	December	100.3	98.7	99.4	-0.9	4.8	<u>98.9</u>	<u>5.1</u>
2019	January	102.8	97.2	99.7	0.3	4.2		
	February	103.7	96.8	99.9	0.1	3.2		
	March	104.3	97.1	100.4	0.5	2.0		
	April	99.9	97.7	98.7	-1.6	0.2		
	May	99.7	99.5	99.6	0.8	1.6		
	June	99.4	100.1	99.8	0.2	1.8	<u>100.0</u>	4.0
	July	99.6	100.3	100.0	0.2	-0.5		
	August	99.6	101.1	100.5	0.5	-0.1		
	September	98.9	101.6	100.4	-0.1	0.4		
	October	99.8	101.8	100.9	0.5	0.2		
	November	99.7	101.0	100.4	-0.5	0.1		
	December	100.4	100.7	100.6	0.2	1.2	<u>100.1</u>	<u>1.2</u>
2020	January	99.8	100.7	100.3	-0.3	0.6		
	February	100.5	100.8	100.6	0.3	0.8		
	March	100.6	100.9	100.8	0.2	0.4		
	April	98.9	100.9	100.0	-0.8	1.3		
	May	99.6	99.7	99.6	-0.4	0.1		
	June	98.3	98.5	98.4	-1.2	-1.4	<u>100.2</u>	<u>0.2</u>
	July	97.3	100.2	98.9	0.5	-1.1		
	August	96.3	100.9	98.8	-0.1	-1.6		
	September	97.4	101.1	99.4	0.6	-0.9		
	October	96.9	101.3	99.3	-0.1	-1.6		
	November	97.6	101.3	99.7	0.3	-0.8		
	December	99.7	101.9	100.9	1.3	0.3	<u>99.7</u>	<u>-0.3</u>
2021	January	100.4	102.6	101.6	0.7	1.3		
	February	101.3	103.9	102.8	1.1	2.1		
	March	102.3	105.7	104.1	1.4	3.3		
	April	102.0	106.5	104.5	0.3	4.5		
	May	100.9	107.0	104.3	-0.2	4.7		
	June	102.0	107.9	105.2	0.9	6.9	<u>101.6</u>	<u>1.4</u>
	July	102.9	107.8	105.6	0.3	6.8	102.2	2.1

Table 5 Consumer Price Index with local and imported components, Percentage change from previous month, July 2021

	'	Weights (%)	)		July 2021			June 2021			% Change	
	Local	Import	Total	Local	Import	Total	Local	Import	Total	Local	Import	Total
A. Food and non-alcoholic	<u>15.2</u>	<u>24.6</u>	<u>39.8</u>	106.6	112.5	110.2	107.0	112.6	110.5	-0.4%	-0.1%	-0.2%
<u>beverages</u>												
Food	14.6	23.2	37.8	106.9	113.1	110.7	107.3	113.3	111.0	-0.4%	-0.2%	-0.3%
Non- alcoholic beverages	0.6	1.4	2.0	100.0	102.3	101.6	100.0	100.1	100.1	0.0%	2.2%	1.5%
B. Alcoholic beverages, tobacco	<u>6.7</u>	4.9	11.6	92.2	111.0	100.1	92.2	110.5	99.9	0.0%	0.4%	0.2%
and kava	_	_										
Alcoholic beverages	0.9	3.2	4.1	106.9	105.3	105.7	106.9	105.3	105.7	0.0%	0.0%	0.0%
Tobacco	4.1	1.7	5.8	109.1	121.7	112.7	109.1	120.2	112.3	0.0%	1.2%	0.4%
Kava	1.7	0.0	1.7	45.0	-	45.0	45.0	-	45.0	0.0%	-	0.0%
C. Clothing and footwear	0.4	<u>1.7</u>	<u>2.1</u>	123.3	112.0	113.9	123.3	112.0	113.9	0.0%	0.0%	0.0%
Clothing	0.4	1.5	1.8	123.3	112.9	114.9	123.3	112.9	114.9	0.0%	0.0%	0.0%
Footwear	0.0	0.3	0.3	-	106.7	106.7	-	106.7	106.7	-	0.0%	0.0%
D. Housing, water, electricity, gas	7.2	3.6	10.8	102.4	103.5	102.8	95.9	104.0	98.6	6.8%	-0.5%	4.2%
and other fuels  Maintenance and repair of the	0.2	1.8	2.0	118.1	109.7	110.6	118.1	109.1	110.1	0.0%	0.5%	0.5%
dwelling												
Water supply and miscellaneous services relating to the dwelling	2.0	0.0	2.0	108.1	-	108.1	108.1	-	108.1	0.0%	-	0.0%
Electricity, gas and other fuels	5.0	1.8	6.8	99.4	97.5	98.9	90.0	99.1	92.4	10.5%	-1.6%	7.0%
E. Furnishings, household equipment and routine household	0.8	<u>2.4</u>	<u>3.2</u>	106.9	103.6	104.5	106.9	102.8	103.9	0.0%	0.7%	0.5%
maintenance												
Furniture and furnishings, carpets and other floor coverings	0.5	0.0	0.5	109.7	-	109.7	109.7	-	109.7	0.0%	-	0.0%
Household appliances	0.0	0.7	0.7	_	97.6	97.6	_	97.6	97.6	_	0.0%	0.0%
Tools and equipment for house and garden	0.0	0.2	0.2	-	107.6	107.6	-	106.2	106.2	-	1.4%	1.4%
Goods and services for routine household maintenance	0.3	1.5	1.8	102.3	105.9	105.2	102.3	104.8	104.4	0.0%	1.0%	0.8%
	0.2	0.2	0.3	100.0	100.0	100.0	100.0	100.0	100.0	0.00/	0.00/	0.00/
F. Health	<u>0.2</u>	<u>0.2</u>				100.0	100.0		100.0	0.0%	0.0%	0.0%
Medical products, appliances and equipment	0.0	0.2	0.2	-	100.0	100.0		100.0	100.0		0.0%	0.0%
Outpatient services	0.2	0.0	0.2	100.0	-	100.0	100.0	-	100.0	0.0%	-	0.0%
G. Transport	<u>3.4</u>	<u>13.0</u>	<u>16.4</u>	102.6	100.8	101.2	102.6	101.2	101.5	0.0%	-0.4%	-0.3%
Operation of personal transport equipment	1.3	9.9	11.2	103.5	100.2	100.6	103.5	100.7	101.0	0.0%	-0.5%	-0.4%
Transport services	2.2	3.1	5.3	102.1	102.6	102.4	102.1	102.6	102.4	0.0%	0.0%	0.0%
H. Communication	<u>5.2</u>	0.0	<u>5.2</u>	99.9	-	99.9	99.9	-	99.9	0.0%	-	0.0%
Telephone and telefax services	5.2	0.0	5.2	99.9	-	99.9	99.9	-	99.9	0.0%	-	0.0%
I. Recreation and culture	0.0	<u>1.1</u>	<u>1.1</u>	-	103.6	103.6	-	103.6	103.6	-	0.0%	0.0%
Newspapers, books and stationery	0.0	1.1	1.1	-	103.6	103.6	-	103.6	103.6	-	0.0%	0.0%
J. Education	2.2	0.0	2.2	104.8	-	104.8	104.8	_	104.8	0.0%	-	0.0%
Pre-primary and primary education	0.3	0.0	0.3	100.1	-	100.1	100.1	101.3	100.1	0.0%	-	0.0%
Secondary education	1.1	0.0	1.1	107.0	-	107.0	107.0	-	107.0	0.0%	-	0.0%
Tertiary education	0.8	0.0	0.8	107.0	_	107.0	107.0	-	107.0	0.0%	-	0.0%
K. Restaurants and hotels	3.1	0.0	3.1	103.9	-	103.9	103.9	-	103.9	0.0%	-	0.0%
Catering services	3.1	0.0	3.1	109.5	-	109.5	109.5	-	109.5	0.0%	-	0.0%
L. Miscellaneous goods and				109.5	104.1	109.5	109.5 103.3	104.1	109.5 <b>104.0</b>	0.0%	0.0%	0.0%
services	<u>0.5</u>	<u>3.7</u>	<u>4.2</u>	103.3	104.1	104.0	103.3	104.1	104.0	0.070	0.0%	0.0%
Personal care	0.0	3.7	3.7	_	104.1	104.1	-	104.1	104.1	_	0.0%	0.0%
Financial services n.e.c.	0.0	0.0	0.1	100.0	-	100.0	100.0	104.1	100.0	0.0%	-	0.0%
Other Services n.e.c.	0.1	0.0	0.1	100.0	-	100.0	100.0	-	100.0	0.0%	-	0.0%
				1U4.4			<b>404.</b> 4					0.070

Table 6 Consumer Price Index with local and imported components, Percentage change from same month of previous year, July 2021

		Weights			July 2021		T.	ıly 2020	020 % Change				
	Local	Import	Total	Local	Import	Total	Local	Import	Total	Local	Import	Total	
A. Food and non-alcoholic		-			-			-			-		
beverages	<u>15.2%</u>	24.6%	<u>39.8%</u>	<u>106.6</u>	<u>112.5</u>	<u>110.2</u>	<u>98.5</u>	<u>106.6</u>	<u>103.5</u>	<u>8.3</u>	<u>5.5</u>	<u>6.5</u>	
Food	14.6%	23.2%	37.8%	106.9	113.1	110.7	98.4	107.0	103.7	8.6	5.6	6.7	
Non- alcoholic beverages	0.6%	1.4%	2.0%	100.0	102.3	101.6	100.0	99.8	99.8	0.0	2.6	1.8	
B. Alcoholic beverages, tobacco	6.7%	4.9%	11.6%	92.2	111.0	100.1	92.6	111.1	100.3	-0.4	-0.1	-0.3	
and kava													
Alcoholic beverages	0.9%	3.2%	4.1%	106.9	105.3	105.7	106.9	105.5	105.8	0.0	-0.1	-0.1	
Tobacco	4.1%	1.7%	5.8%	109.1	121.7	112.7	108.3	121.7	112.2	0.7	0.0	0.5	
Kava	1.7%	0.0%	1.7%	45.0	-	45.0	48.4	-	48.4	-7.0	-	-7.0	
C. Clothing and footwear	0.4%	<u>1.7%</u>	2.1%	123.3	112.0	<u>113.9</u>	<u>114.7</u>	108.0	<u>109.1</u>	<u>7.5</u>	<u>3.6</u>	<u>4.3</u>	
Clothing	0.4%	1.5%	1.8%	123.3	112.9	114.9	114.7	108.3	109.5	7.5	4.3	5.0	
Footwear	0.0%	0.3%	0.3%	-	106.7	106.7	-	106.7	106.7	-	0.0	0.0	
D. Housing, water, electricity, gas	7.2%	3.6%	10.8%	102.4	103.5	102.8	85.7	<u>97.8</u>	89.7	<u>19.5</u>	<u>5.8</u>	14.5	
and other fuels  Maintenance and repair of the													
dwelling	0.2%	1.8%	2.0%	118.1	109.7	110.6	118.1	103.2	104.9	0.0	6.3	5.5	
Water supply and miscellaneous services relating to the dwelling	2.0%	0.0%	2.0%	108.1	-	108.1	108.1	-	108.1	0.0	-	0.0	
Electricity, gas and other fuels	5.0%	1.8%	6.8%	99.4	97.5	98.9	75.1	92.7	79.9	32.3	5.2	23.8	
E. Furnishings, household													
equipment and routine household maintenance	0.8%	<u>2.4%</u>	3.2%	<u>106.9</u>	<u>103.6</u>	<u>104.5</u>	104.3	<u>101.9</u>	<u>102.5</u>	<u>2.5</u>	<u>1.7</u>	<u>1.9</u>	
Furniture and furnishings,	0.5%	0.0%	0.5%	109.7	_	109.7	105.5	_	105.5	4.0	-	4.0	
carpets and other floor coverings	0.0%	0.7%	0.7%	0.0	97.6	97.6	0.0	94.8	94.8	_	3.0	3.0	
Household appliances Tools and equipment for house													
and garden	0.0%	0.2%	0.2%	-	107.6	107.6	0.0	101.4	101.4	-	6.1	6.1	
Goods and services for routine household maintenance	0.3%	1.5%	1.8%	102.3	105.9	105.2	102.3	105.2	104.7	0.0	0.7	0.5	
F. Health	0.2%	0.2%	0.3%	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	100.0	<u>100.0</u>	<u>100.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
Medical products, appliances and equipment	0.0%	0.2%	0.2%	-	100.0	100.0	-	100.0	100.0	-	0.0	0.0	
Outpatient services	0.2%	0.0%	0.2%	100.0	-	100.0	100.0	_	100.0	0.0	_	0.0	
G. Transport	3.4%	13.0%	16.4%	102.6	100.8	101.2	103.2	82.9	87.2	-0.5	21.5	16.0	
Operation of personal transport	1.3%	9.9%	11.2%	103.5	100.2	100.6	103.5	76.8	79.8	0.0	30.5	26.0	
equipment	2.2%	3.1%	5.3%	102.1	102.6	102.4	103.0	102.6	102.8	-0.9	0.0	-0.4	
Transport services H. Communication	5.2%	0.0%	5.2%	99.9	102.0	99.9	99.9	102.0	99.9	0.0	0.0	0.0	
Telephone and telefax services	5.2%	0.0%	5.2%	99.9	<u>-</u>	99.9	99.9	-	99.9	0.0	<u>-</u>	0.0	
I. Recreation and culture	0.0%	<u>1.1%</u>	<u>1.1%</u>	=	<u>103.6</u>	103.6	=	103.6	103.6	_	<u>0.0</u>	0.0	
Newspapers, books and stationery	0.0%	1.1%	1.1%	-	103.6	103.6	-	103.6	103.6	-	0.0	0.0	
J. Education	2.2%	0.0%	2.2%	<u>104.8</u>	<u>0.0</u>	<u>104.8</u>	<u>104.8</u>	<u>0.0</u>	<u>104.8</u>	0.0	=	<u>0.0</u>	
Pre-primary and primary education	0.3%	0.0%	0.3%	100.1	-	100.1	100.1	101.3	100.1	0.0	-	0.0	
Secondary education	1.1%	0.0%	1.1%	107.0	-	107.0	107.0	-	107.0	0.0	-	0.0	
Tertiary education	0.8%	0.0%	0.8%	103.9	-	103.9	103.9	-	103.9	0.0	-	0.0	
K. Restaurants and hotels	3.1%	0.0%	3.1%	<u>109.5</u>		<u>109.5</u>	108.2	=	108.2	1.2	_	<u>1.2</u>	
Catering services	3.1%	0.0%	3.1%	109.5	-	109.5	108.2	-	108.2	1.2	-	1.2	
L. Miscellaneous goods and services	0.5%	<u>3.7%</u>	4.2%	<u>103.3</u>	<u>104.1</u>	<u>104.0</u>	103.3	<u>100.2</u>	<u>100.6</u>	0.0	<u>3.9</u>	<u>3.5</u>	
Personal care	0.0%	3.7%	3.7%	-	104.1	104.1	-	100.2	100.2	-	3.9	3.9	
Financial services n.e.c.	0.1%	0.0%	0.1%	100.0	-	100.0	100.0	-	100.0	0.0	-	0.0	
Other Services n.e.c.	0.4%	0.0%	0.4%	104.2	-	104.2	104.2	-	104.2	0.0	-	0.0	
	44.9%	55.1%	100%	102.9	107.8	105.6	97.3	100.2	98.9	5.7	7.6	6.8	
TOTAL	77.7/0	JJ.1 /0	100 /0	102.7	107.0	103.0	71.0	100.2	70.7	3.1	7.0	0.0	

Table 7 Consumer Price Index: Groups and subgroups - index numbers, July 2021

	Annua I			20	20					20	21			
	2019	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	July 21
A. Food and non- alcoholic beverages	<u>100.9</u>	103.5	102.1	102.9	102.8	103.2	105.2	106.2	108.0	109.9	109.6	107.9	110.5	110.2
Food	100.9	103.7	102.2	103.1	102.9	103.3	105.5	106.5	108.4	110.4	110.1	108.3	111.0	110.7
Non- alcoholic	100.1	99.8	99.8	100.3	100.3	100.3	100.1	100.0	100.1	100.0	100.0	100.0	100.1	101.6
beverages	07.7	400.0	400.0	400.4	400.0	400.4	400.0	400.4	400.0	400.0	400.0	400.4	20.0	100.1
B. Alcoholic beverages, tobacco and kava	<u>97.7</u>	100.3	100.3	100.4	100.0	100.1	100.3	100.1	100.0	100.3	100.3	100.4	99.9	100.1
Alcoholic beverages	102.3	105.8	105.8	106.1	104.7	105.0	106.2	105.4	105.4	105.4	105.4	105.7	105.7	105.7
Tobacco	99.1	112.2	112.2	112.2	112.2	112.2	111.8	112.0	111.8	112.3	112.3	112.3	112.3	112.7
Kava	82.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	45.0	45.0
C. Clothing and footwear	<u>102.6</u>	109.1	110.5	110.5	112.6	112.6	112.6	114.3	113.2	113.4	113.4	113.9	113.9	113.9
Clothing	102.2	109.5	111.0	111.0	113.5	113.5	113.5	115.4	114.1	114.4	114.4	114.9	114.9	114.9
Footwear	105.3	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7
<u>D. Housing, water,</u> <u>electricity, gas and other</u> fuels	<u>100.2</u>	89.7	89.2	89.2	89.1	90.6	93.8	94.0	94.5	96.1	96.2	98.5	98.6	102.8
Maintenance and repair of the dwelling	106.8	104.9	105.0	105.0	105.0	105.0	105.0	105.9	108.0	109.4	109.5	109.6	110.1	110.6
Water supply and miscellaneous services relating to the	102.0	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1
dwelling Electricity, gas and other fuels	97.7	79.9	79.0	79.0	78.8	81.3	86.3	86.3	86.5	88.7	88.7	92.4	92.4	98.9
E. Furnishings, household equipment and routine household	<u>101.0</u>	102.5	102.5	102.7	103.4	104.1	104.4	103.9	103.9	103.9	103.9	103.9	103.9	104.5
maintenance Furniture and	100.0	105.5	105.5	105.5	105.5	107.6	107.6	109.7	109.7	109.7	109.7	109.7	109.7	109.7
furnishings, carpets and other floor coverings	100.0	103.3	103.3	103.3	103.3	107.0	107.0	103.7	103.7	103.7	103.7	103.7	103.7	103.7
Household appliances	<u>99.4</u>	94.8	94.8	94.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
Tools and equipment for house and garden	103.2	101.4	101.4	101.4	101.4	101.4	106.2	106.2	106.2	106.2	106.2	106.2	106.2	107.6
Goods and services for routine household maintenance	101.8	104.7	104.7	105.0	105.1	105.8	105.9	104.3	104.3	104.3	104.3	104.4	104.4	105.2
F. Health	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
Medical products, appliances and	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
equipment														
Outpatient 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
G. Transport	<u>96.9</u>	87.2	90.2	91.8	91.6	91.3	91.5	93.1	95.4	98.0	100.3	101.4	101.5	101.2
Operation of personal transport equipment	95.1	79.8	84.3	86.8	86.6	86.0	86.4	88.7	92.1	95.9	99.3	100.9	101.0	100.6
Transport services	100.7	102.8	102.8	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4
H. Communication	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
Telephone and telefax services	100.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
I. Recreation and culture	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6
Newspapers, books	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6
and stationery  J. Education	104.2	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8
Pre-primary and primary education	100.0	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1
Secondary education	106.2	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0
Tertiary education  K. Restaurants and	103.4 108.2	103.9 <b>108.2</b>	103.9 <b>108.2</b>	103.9 <b>108.2</b>	103.9 <b>108.2</b>	103.9 <b>108.2</b>	103.9 <b>108.2</b>	103.9 <b>109.5</b>	103.9 <b>109.5</b>	103.9 <b>109.5</b>	103.9 <b>109.5</b>	103.9 <b>109.5</b>	103.9 <b>109.5</b>	103.9 109.5
hotels														
Catering services  L. Miscellaneous goods	108.2 <u>99.5</u>	108.2 100.6	108.2 100.8	108.2 100.8	108.2 100.8	108.2 100.9	108.2 <b>101.4</b>	109.5 <b>101.9</b>	109.5 <b>102.4</b>	109.5 <b>102.5</b>	109.5 <b>103.8</b>	109.5 103.8	109.5 <b>104.0</b>	109.5 104.0
and services													40.1	
Personal care Financial services	99.4 100.0	100.2 100.0	100.4 100.0	100.4 100.0	100.5 100.0	100.6 100.0	101.2 100.0	101.8 100.0	102.3 100.0	102.4 100.0	103.9 100.0	103.9 100.0	104.1 100.0	104.1 100.0
n.e.c. Other Services n.e.c.	101.0	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
ALL GROUPS	<u>100.1</u>	98.9	98.8	99.4	99.3	99.7	100.9	101.6	102.8	104.1	104.5	104.3	105.2	105.6

Table 8 Monthly average price of selected local items, July 2021

				Annual		Monthly												
		Unit	2018	2019	2020	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	July 21
_	ROOT CROPS																	
1	Talo - Futuna	1 kg	1.76	1.65	1.48	1.54	1.57	1.66	1.73	1.82	1.43	1.53	1.58	1.52	1.11	1.81	1.68	1.82
2	Talo - Tonga	1kg	1.82	1.91	1.75	2.05	1.88	2.34	1.99	2.34	1.79	1.61	1.54	1.50	1.45	1.53	1.49	1.75
3	Manioke	1 kg	0.91	1.22	0.96	1.11	0.95	1.04	1.02	0.98	1.06	1.00	0.96	0.98	0.80	0.83	0.86	0.83
4	Kumala	1 kg	2.27	1.95	1.74	2.23	2.15	2.07	2.03	2.07	1.99	1.80	1.71	1.78	1.64	1.57	1.80	2.10
5	Yams; early	1 kg	5.37	5.21	5.29	5.38	5.99	6.84	7.44	5.89	4.66	5.00	4.56	3.98	5.07	7.87	7.07	7.33
6	Yams, late	1 kg	2.98	2.84	2.72	2.55	2.50	2.79	2.37	2.37	2.37	3.82	3.97	2.74	3.16	3.34	4.38	2.49
_	VEGETABLES																	
1	Lu	1 kg	5.50	4.77	5.28	5.08	3.78	4.59	4.50	5.41	6.54	5.60	5.73	5.57	5.08	5.74	5.35	5.47
2	Tomatoes	1 kg	7.75	10.24	8.70	6.52	5.23	3.36	3.89	2.55	4.50	8.79	19.87	20.28	20.34	11.67	13.45	11.15
3	H/Cabbage	1 kg	3.05	3.19	3.05	1.71	1.35	0.90	0.88	1.85	2.39	2.75	2.82	6.38	6.78	3.53	3.67	2.65
4	Carrots	1 kg	5.24	3.17	3.91	4.07	2.57	2.50	2.31	2.34	2.52	2.90	3.50	4.23	4.23	4.23	4.23	4.77
5	Capsicum	1 kg	14.19	11.44	12.88	13.95	11.68	10.85	8.04	7.90	6.59	9.85	19.96	14.48	16.72	17.90	19.92	19.93
_	MARINE AND ANIM	IAL PRODUCT	<u>rs</u>															
1	Sausages	1 kg	8.32	8.23	8.47	8.67	8.67	8.67	8.67	8.67	8.33	8.74	8.63	8.79	8.79	8.97	8.97	8.90
2	Eggs	1 egg	16.65	17.04	17.58	17.97	18.30	18.30	18.42	18.47	18.80	18.97	17.97	18.30	18.30	18.00	18.67	19.25
3	Tuna	1 kg	15.39	16.67	16.55	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	18.00	19.50	19.50	19.50
4	Octopus	1 kg	19.69	19.26	18.00	11.78	11.66	18.89	19.59	23.47	33.08	29.13	23.81	24.59	19.02	18.05	18.49	16.80
5	Cockles (to'o)	1 kg	5.12	5.92	6.18	6.92	10.37	8.40	6.12	6.02	6.43	6.15	5.21	6.23	6.10	6.26	6.90	7.63
6	Stringed fish (Mixed)	1 kg	8.54	8.92	9.60	9.00	12.00	9.65	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
	TOBACCO, ALCOHO																	
1	Kava	1 kg	146.04	116.67	66.88	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	55.00	55.00

Table 9 Monthly average price of selected imported items, July 2021

				Annual				20	20						2021				Annual change %
		Unit	2018	2019	2020	July 20	Aug 20	Sept 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	July 21	
	<u>FOOD</u>																		
	Fruits and Vegetables																		
1	Onions	1 kg	3.02	3.12	3.01	2.76	2.76	2.76	2.76	2.76	2.97	3.11	3.10	3.10	3.10	2.86	2.73	2.80	1.6%
2	Apples	1 kg	6.30	5.36	5.37	5.19	5.81	5.38	5.33	5.40	5.40	5.40	6.46	6.54	6.54	6.54	5.50	5.73	10.4%
3	Oranges	1 kg	9.07	8.33	8.27	8.83	8.65	8.28	8.18	8.18	8.09	8.56	7.82	8.23	8.23	8.23	7.81	7.29	-17.4%
	Meats, Fish & Poultry																		
1	Mutton Flaps	1 kg	15.68	15.74	17.68	18.00	18.25	18.39	18.28	18.12	17.68	17.50	17.22	17.25	17.25	17.25	17.01	16.77	-6.8%
2	Chicken Legs	1 kg	3.63	3.46	3.37	3.88	3.50	3.30	3.38	3.41	3.53	3.42	3.45	3.75	3.78	3.94	4.14	4.10	5.7%
3	Turkey tail	1 kg	8.33	9.86	9.15	8.99	9.21	9.27	8.97	8.97	9.72	10.34	10.88	10.88	10.88	11.66	12.11	12.28	36.5%
	Other Food																		
1	Flour	1 kg	1.71	1.77	1.86	1.83	1.88	1.89	1.88	1.89	1.90	1.93	1.93	1.98	1.98	1.93	1.93	1.93	5.6%
2	Sugar	1 kg	1.93	1.74	1.94	2.02	2.00	2.00	2.00	2.00	2.01	2.01	1.99	1.99	2.01	2.08	2.40	2.47	22.1%
	TOBACCO, ALCOHOL AND R	(AVA																	
	Tobacco																		
1	Pall Mall	Packet	17.14	19.29	21.61	23.29	23.29	23.29	23.29	23.29	23.00	23.14	23.00	23.00	23.00	23.00	23.00	23.29	0.0%
	TRANSPORTATION																		
	Private Transportation																		
1	Petrol	litre	2.78	2.67	2.47	2.21	2.37	2.45	2.46	2.45	2.45	2.51	2.62	2.75	2.87	2.94	2.94	2.92	32.1%
2	Diesel	litre	2.84	2.78	2.50	2.28	2.40	2.47	2.41	2.37	2.41	2.51	2.62	2.73	2.82	2.83	2.82	2.83	24.1%

## **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 September 2018 (=100.0) was first published for the month of October 2018. Data from the Household Income and Expenditure Survey (HIES) 2015-2016 was used to determine the expenditure pattern of consumers. The classification used for publication will change to the <a href="COICOP">COICOP</a> classification. The proportion of expenditure on each item or group is referred to the weight. The previous reference period was October 2010 based on the results of HIES 2009.

There are 156 items in the Tonga basket classified to twelve major groups. The items are further classified by whether they are imported or have been produced locally. The CPI covers price changes in Tongatapu and Vava'u. The pricing outlets selected in Tongatapu and Vava'u include the Talamahu and 'Utukalongalo market (agriculture produce), the Vuna Wharf (fresh fish), super-markets, village stores, petrol stations, restaurants, airlines etc.

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

Division Code	Division Description	New Weight (%)	Old Weight (%)
01	Food and non-alcoholic beverages	39.75	42.06
02	Alcoholic beverages, tobacco and narcotics	11.61	6.08
03	Clothing and footwear	2.08	3.98
04	Housing, water, electricity, gas and other fuels	10.84	12.56
05	Furnishings, household equipment and routine household maintenance	3.20	3.13
06	Health	0.33	0.58
07	Transport	16.41	11.93
08	Communication	5.16	5.40
09	Recreation and culture	1.06	1.48
10	Education	2.21	1.95
11	Restaurants and hotels	3.11	3.71
12	Miscellaneous goods and services	4.24	6.30
90	Non-consumption household expenditure		0.85
Grand Total		100.00%	100.00%

Table 10 New vs old weights at the COICOP Division Level

#### **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.

