



CONSUMER PRICE INDEX (CPI) RELEASE

BASE PERIOD: NOVEMBER 2019 = 1000

FOURTH QUARTER 2020

TUVALU CENTRAL STATISTICS DIVISION

MINISTRY OF FINANCE
GOVERNMENT OF TUVALU

Phone: +688 20107

email: statistics@gov.tv

Website: <https://stats.gov.tv>

Contents

OVERVIEW.....	2
THE QUARTERLY INFLATION RATE	2
THE ANNUAL INFLATION RATES.....	2
THE TREND OF PRICES.....	2
THE POINT EFFECTS TOWARDS PRICES.....	3
THE QUARTERLY EFFECTS	3
THE GROUPS WITH PRICES CHANGED	3
THE GROUPS WITH PRICES RETAINED	3
THE ANNUAL EFFECTS.....	3
APPENDIX TABLES	5

OVERVIEW

The Consumer Price Index reveals the price evolvment and thus their movements overtime. The prices regimes, the selective basket of goods and services together with their analyzed weights were rebased during November 2019. The weights were calculated based from the 2015/16 Household Income and Expenditure Survey of Tuvalu. The prices are mainly collected in Funafuti.

The analyses illustrated below is mainly provided in Table 1 of the Appendix section

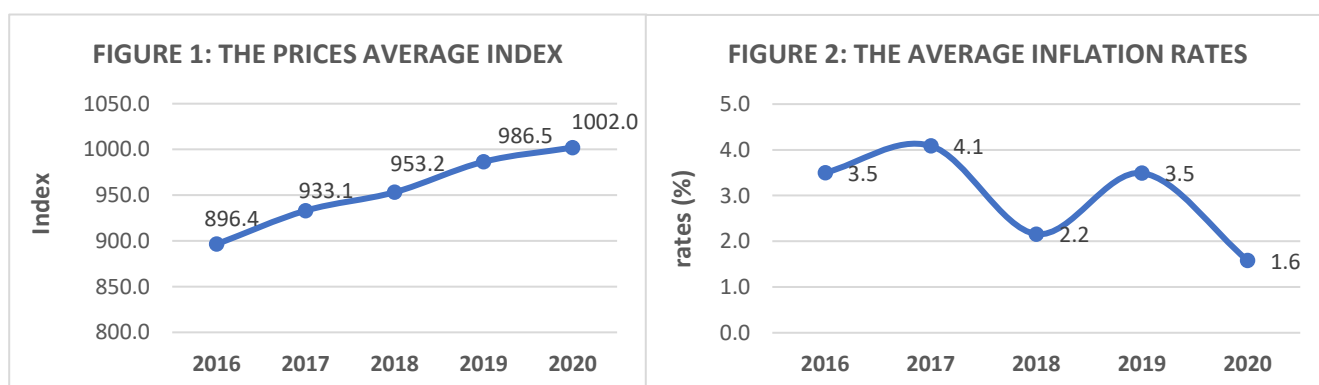
	From	To/ at
THE QUARTERLY INFLATION RATE		
1. The prices by this quarter recorded a quarterly index increase as illustrated	998.3	1000.8
And by such changes, the prices experienced a quarterly inflation rate as illustrated. The indicator evidently reveals that prices have increased by such percentage since the previous quarter.		0.2%

THE ANNUAL INFLATION RATES

2. The prices by this quarter anticipated an index changes from fourth quarter 2019 to fourth quarter 2020 as illustrated	1000.0	1000.8
And by such indices changes, the prices experienced an annual inflation rate as illustrated. The indicator evidently reveals that prices have increased by such percentage when comparing the prices for fourth quarter 2019 to fourth quarter year 2020.		0.1%
3. The prices by this quarter anticipated an index changes from 2019 to 2020 as illustrated	986.5	1002.0
And by such indices changes, the prices experienced an average annual inflation rate as illustrated. The indicator simply reflects that prices have increased by such percentage when comparing the prices for 2019 to those of 2020.		1.6%

THE TREND OF PRICES

4. The prices index has increased over the last 5 years (Figure 1) with positive inflation rates indicators averagely (Figure 2). It simply shows that on average the prices of goods and services has continued to increase since the demonstrated period



THE POINT EFFECTS TOWARDS PRICES

THE QUARTERLY EFFECTS

This section shows the analyses that are mainly provided in Table 3 of the Appendix section

THE GROUPS WITH PRICES CHANGED

FOOD GROUP **0.19%**

Food Group recorded an increase towards the index position of **fourth quarter 2020**. This was due to the increase in price of **fish** that increased throughout the quarter.

TRANSPORT GROUP **0.06%**

Price of items in this group recorded an increase due to increase in price of **petrol** compared to the previous quarter.

MISCELLANEOUS GROUP **slightly less than 0%**

The group experienced a very minimal decline of price changes and thus it impacts towards the index position of **fourth quarter 2020**. It is mainly due to a slight decrease in price of **accessing sky TV** compared to that of the previous quarter.

THE GROUPS WITH PRICES RETAINED

Price of items in groups **Alcohol & Tobacco, Clothing & Textiles**, and finally the **Housing Group** recorded no change compared to the previous quarter

THE ANNUAL EFFECTS

FOOD GROUP **-10.2%**

Food Group recorded a vastly decrease towards the index position of **fourth quarter 2020**. And despite there have had a significant increase in prices of **fish** during 2020, the other food categories like **cooking oil & fats**, the **vegetables & fruits**, the **sugar & sweets** and practically the **chicken cuts** of the **meat** category had their prices declined averagely.

ALCOHOL & TOBACCO GROUP **3.7%**

The group experienced an annual increase in their prices annually. The prices of certain alcoholic items of this group recorded a change annually contributing to the illustrated percentage of the annual average inflation rates.

CLOTHING & TEXTILES GROUP **6.0%**

And as demonstrated, the group also experienced an increase in their prices. It is discovered however that the increase in prices of **Trouser / shorts**, the **dresses** and **materials for dresses** contributed to the group's prices increase.

TRANSPORT GROUP**-16.6%**

Although the group shows an increase in its prices over the previous quarter (as analyzed and mentioned above), still the group's prices on overall when comparing their prices with those of 2019 is observed as declined. This is mainly due to the reduction in the prices of **petrol** incurred during the **third quarter of 2020**.

HOUSING GROUP**4.6%**

Price of items in this group recorded an increase annually. The increase however is mainly attributed to the increase in prices of the **ceramic tiles**, the **filled gas bottles** and **gas stoves** occurred during **2020**.

MISCELLANEOUS GROUP**14.4%**

The group is observed of having their prices increased annually. The increase however is observed as mostly arises from the increase in certain toiletries and cleaning materials items.

The first quarter of 2021 CPI release is expecting at this April 2021.



Ms. Grace Alapati
Government Statistician

APPENDIX TABLES

TABLE 1: THE INDICES AND INFLATION RATES

YEAR	QUARTER	INDEX		INFLATION RATE (%)		
		TOTAL	AVERAGE	Annual	Average Annual	Quarterly
2016	Feb-16	890.0	896.4	4.1	3.5	1.1
	May-16	891.5		4.0		0.2
	Aug-16	901.1		3.3		1.1
	Nov-16	903.1		2.6		0.2
2017	Feb-17	926.6	933.1	4.1	4.1	2.6
	May-17	928.7		4.2		0.2
	Aug-17	934.6		3.7		0.6
	Nov-17	942.4		4.3		0.8
2018	Feb-18	947.7	953.2	2.3	2.2	0.6
	May-18	945.1		1.8		-0.3
	Aug-18	955.7		2.3		1.1
	Nov-18	964.3		2.3		0.9
2019	Feb-19	969.7	986.5	2.3	3.5	0.6
	May-19	983.0		4.0		1.4
	Aug-19	993.3		3.9		1.0
	Nov-19	1,000.0		3.7		0.7
2020	Feb-20	1,003.7	1,005.1	3.5	1.9	0.4
	May-20	1,005.2		2.3		0.1
	Aug-20	998.3		0.5		-0.7
	Nov-20	1,000.8		0.1		0.2

TABLE 2: THE PRICES INDEX BY QUARTERS

ITEMS GROUPS	2016				2017				2018				2019				2020			
	Feb	May	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov
1. FOOD																				
1.1 MEAT	776	758	783	759	826	826	844	873	861	862	887	905	911	950	956	1,000	966	956	930	931
1.2 FISH	1,002	1,002	1,054	1,019	1,054	1,054	1,054	1,044	1,044	1,044	1,044	1,044	1,044	1,042	1,000	1,000	1,183	1,170	1,111	1,208
1.3 DAIRY PRODUCE	959	959	1,087	1,071	1,052	1,052	1,041	1,008	984	983	984	997	997	1,007	1,000	1,000	955	989	998	998
1.4 CEREALS	907	920	919	933	936	929	944	971	1,003	1,006	1,011	1,007	1,011	1,000	1,000	1,000	989	996	1,004	991
1.5 SUGAR AND SWEETS	949	988	1,008	1,039	1,081	1,081	1,081	1,089	1,060	1,037	1,010	1,006	1,037	1,062	983	1,000	1,025	1,033	964	964
1.6 VEGETABLES AND FRUITS	858	860	908	852	827	857	846	872	876	884	880	915	915	969	1,000	1,000	980	1,028	952	952
1.7 BEVERAGES	941	941	943	943	945	930	929	918	1,008	1,008	994	994	995	1,012	1,000	1,000	1,011	1,022	1,099	1,099
1.8 COOKING OIL & FATS	717	717	717	696	695	695	695	695	695	695	875	897	897	1,007	1,000	1,000	974	1,002	941	941
1.9 MISCELLANEOUS FOOD	827	830	839	837	796	796	917	756	770	785	894	892	892	895	1,000	1,000	1,020	1,035	1,009	1,009
1 FOOD GROUP	872	876	897	891	915	914	927	938	944	944	961	968	974	993	986	1,000	999	1,005	984	988
2. ALCOHOL & SMOKES																				
2.1 ALCOHOL	918	918	918	918	932	933	952	1,028	962	973	967	967	995	1,000	995	1,000	1,013	1,000	1,047	1,047
2.2 TOBACCO	785	785	794	785	785	785	785	785	785	785	785	946	946	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2 ALCOHOL & TOBACCO GROUP	846	846	851	846	853	853	862	897	867	872	869	955	968	1,000	998	1,000	1,005	1,000	1,020	1,020
3. CLOTHING & TEXTILES																				
3.1 CLOTHINGS	916	916	916	916	997	997	966	935	935	935	935	1,000	1,000	1,000	1,000	1,000	1,036	1,036	1,139	1,139
3.2 TEXTILE	835	835	835	835	659	629	724	724	724	724	724	842	1,000	1,000	1,000	1,000	1,297	1,297	1,297	1,297
3 CLOTHING & TEXTILES GROUP	896	896	896	896	913	905	906	883	883	883	883	961	1,000	1,000	1,000	1,000	1,095	1,095	1,175	1,175
4. Transport																				
4.1 SHIP FARES	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
4.2 AIR FARES	1,037	1,042	1,039	1,048	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,000	1,000	1,000	1,000	700	700
4.3 PRIVATE TRANSPORT	841	841	841	875	880	880	880	880	897	920	972	971	972	1,000	1,000	1,000	1,000	1,000	941	947
4 TRANSPORT GROUP	895	896	895	923	990	990	990	990	1,002	1,019	1,058	1,058	1,054	1,073	1,000	1,000	1,000	1,000	925	930

TABLE 2: THE PRICES INDEX BY QUARTERS

ITEMS GROUPS	2016				2017				2018				2019				2020			
	Feb	May	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov
5. Housing																				
5.1 HOUSE RENTAL	622	622	622	622	622	622	622	622	622	622	622	622	622	622	1,026	1,000	1,000	1,000	999	999
5.2 HOUSE MAINTENANCE	837	837	851	862	880	880	880	905	1,019	970	970	972	962	963	957	1,000	1,025	1,058	1,114	1,114
5.3 FUEL AND ELECTRICITY	1,040	1,038	1,038	1,038	1,031	1,025	1,011	1,013	1,020	1,020	1,020	994	994	994	1,000	1,000	1,007	1,009	1,011	1,011
5.4 HOUSEHOLDS APPLIANCES	1,006	1,006	1,006	1,062	1,028	1,028	1,028	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	997	997
5 HOUSING GROUP	893	892	895	905	901	898	892	894	919	910	910	899	897	897	998	1,000	1,006	1,009	1,013	1,013
6. Miscellenous																				
6.1 EDUCATION	1,057	1,057	1,057	1,057	910	1,112	1,102	1,096	1,010	886	886	886	1,010	1,010	1,000	1,000	1,000	959	1,320	1,320
6.2 TELECOM	1,000	1,000	1,000	1,000	1,049	1,049	1,049	1,049	1,049	1,049	1,049	1,049	1,000	1,000	1,000	1,000	1,000	1,000	1,058	1,058
6.3 ENTERTAINMENT	914	853	840	834	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
6.4 TOILETRIES	1,062	1,081	1,081	1,081	978	978	1,020	1,020	990	990	989	992	992	1,000	1,000	1,000	1,038	1,014	1,086	1,086
6.5 CLEANING MATERIALS	820	820	820	820	1,272	1,272	1,285	1,288	1,303	1,303	1,294	1,188	1,188	1,197	1,000	1,000	1,000	996	1,031	1,031
6.6 MISCELLANEOUS	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
6 MISCELLANEOUS GROUP	983	984	983	982	1,041	1,074	1,084	1,084	1,066	1,046	1,044	1,025	1,036	1,039	1,000	1,000	1,005	998	1,058	1,058
Total All Group Expenditure	890	892	901	903	927	929	935	942	948	945	956	964	970	983	993	1,000	1,004	1,005	998	1,001

TABLE 3: THE POINT EFFECT BY GROUPS AND SUB-GROUPS

Groups and sub-groups	2016	2017	2018	2019	2020	2020 Q4
1. FOOD						
1.1 MEAT	-0.2%	1.4%	0.4%	1.1%	-18.9%	0.01%
1.2 FISH	-0.2%	0.1%	0.0%	-0.2%	13.7%	0.33%
1.3 DAIRY PRODUCE	0.3%	-0.1%	0.0%	0.0%	-0.1%	0.00%
1.4 CEREALS	0.7%	0.5%	0.5%	-0.1%	-2.0%	-0.15%
1.5 SUGAR AND SWEETS	1.0%	0.2%	-0.4%	0.0%	-3.7%	0.00%
1.6 VEGETABLES AND FRUITS	0.2%	0.0%	0.1%	0.1%	-1.7%	0.00%
1.7 BEVERAGES	0.0%	0.0%	0.1%	0.0%	3.5%	0.00%
1.8 COOKING OIL & FATS	-0.1%	0.0%	0.4%	0.2%	-1.6%	0.00%
1.9 MISCELLANEOUS FOOD	0.3%	-0.1%	0.2%	0.1%	0.4%	0.00%
1 FOOD GROUP	2.1%	2.1%	1.2%	1.3%	-10.5%	0.19%
2. ALCOHOL & SMOKES						
2.1 ALCOHOL	0.1%	0.5%	-0.3%	0.1%	3.7%	0.00%
2.2 TOBACCO	-0.4%	0.0%	0.8%	0.3%	0.0%	0.00%
2 ALCOHOL & TOBACCO GROUP	-0.3%	0.5%	0.6%	0.4%	3.7%	0.00%
3. CLOTHING & TEXTILES						
3.1 CLOTHINGS	0.0%	0.0%	0.1%	0.0%	3.7%	0.00%
3.2 TEXTILE	0.0%	-0.1%	0.1%	0.1%	2.3%	0.00%
3 CLOTHING & TEXTILES GROUP	0.0%	0.0%	0.2%	0.1%	6.0%	0.00%
4. Transport						
4.1 SHIP FARES	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
4.2 AIR FARES	0.1%	0.6%	0.0%	-0.8%	-5.2%	0.00%
4.3 PRIVATE TRANSPORT	0.3%	0.0%	0.7%	0.2%	-11.3%	0.06%
4 TRANSPORT GROUP	0.3%	0.7%	0.7%	-0.5%	-16.6%	0.06%
5. Housing						
5.1 HOUSE RENTAL	0.0%	0.0%	0.0%	2.3%	-0.1%	0.00%
5.2 HOUSE MAINTENANCE	0.2%	0.2%	0.3%	0.1%	2.3%	0.00%
5.3 FUEL AND ELECTRICITY	0.8%	-0.3%	-0.2%	0.1%	2.6%	0.00%
5.4 HOUSEHOLDS APPLIANCES	0.3%	-0.2%	0.0%	0.0%	-0.1%	0.00%
5 HOUSING GROUP	1.3%	-0.3%	0.1%	2.5%	4.6%	0.00%
6. Miscellaneous						
6.1 EDUCATION	0.0%	0.1%	-0.4%	0.2%	5.0%	0.00%
6.2 TELECOM	0.0%	0.1%	0.0%	-0.1%	4.2%	0.00%
6.3 ENTERTAINMENT	-0.1%	0.1%	0.0%	0.0%	0.0%	0.00%
6.4 TOILETRIES	0.1%	-0.2%	-0.1%	0.0%	2.9%	0.00%
6.5 CLEANING MATERIALS	0.0%	1.0%	-0.2%	-0.4%	2.4%	0.00%
6.6 MISCELLANEOUS	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
6 MISCELLANEOUS GROUP	0.1%	1.2%	-0.6%	-0.3%	14.4%	0.00%