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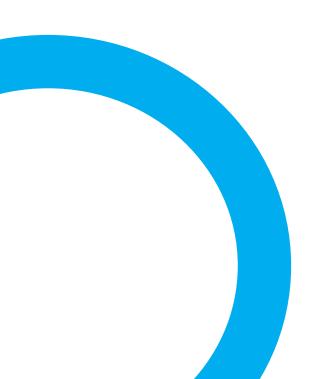
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# ANNUAL CONSUMER INDEX 2022 IN REVIEW



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### **Preface**

This **Stats Brief** aims to provide a concise overview of Botswana's Consumer Price Indices (CPI) and inflation rates for 2022. Price statistics play a crucial role in informing the development of socio-economic and monetary policies.

To meet the expectations of stakeholders, Statistics Botswana usually compiles the Consumer Price Index on a monthly basis, ensuring that it reflects the current economic state. The national inflation rate is derived from the Consumer Price Index (CPI).

In 2022, the annual average inflation rate rose to 12.1 percent, following a previous increase of 6.7 percent in 2021. This 12.1 percent inflation rate surpassed the inflation target range of 3 – 6 percent set by the Bank of Botswana. The notable rise in Transport inflation, reaching 31.1 percent, significantly contributed to the overall annual average inflation rate in 2022.

We anticipate active engagement from our stakeholders to assist Statistics Botswana in enhancing the quality not only of this **Stats Brief** but also of all its publications.

Ketso Makhumalo

Acting Statistician General July 2024

#### INTRODUCTION

The Consumer Price Index (CPI) is an index that measures price movements in goods and services with reference period. The current Botswana CPI series has an index and Price reference period of December 2018 and Weight reference period of Year 2015/2016.

The CPI is used to calculate the rate of inflation experienced by Botswana consumers. The inflation rate measures the change in the CPI for the month under review in comparison with the previous month (month-on-month change), in addition it measures the change in the CPI in the same month between two consecutive years (year-on-year change). The inflation rate is essential for formulation of economic policy, adjusting contracts, wages & salaries and deflating the Gross Domestic Product (GDP).

Consumer Price Index (CPI) is computed using the Modified Laspeyres method, which is in accordance with regional and international recommendations.

#### 2.0 CONTRIBUTIONS OF GROUPS TO THE AVERAGE INFLATION RATE IN 2022

In 2022, the average annual inflation rate rose to 12.1 percent, registering a significant increase from the 6.7 percent inflation rate recorded in 2021. The main contributors to the 2022 average annual inflation rate were; Transport (7.2 percentage points), Food & Non-Alcoholic Beverages (1.6 percentage points), Housing, Water, Electricity, Gas & Other Fuels (1.2 percentage points) and Miscellaneous Goods & Services (0.8 of a percentage point). The notable increase in inflation was primarily driven by a substantial rise in Transport, which increased from 2.8 percentage points in 2021 to 7.2 percentage points in 2022, recording a rise of 4.4 percentage points. Together, these major contributors account for 63.45 percent of the overall CPI basket, with Transport comprising 23.43 percent, Food & Non-Alcoholic Beverages 13.55 percent, Housing, Water, Electricity, Gas & Other Fuels 17.45 percent, and Miscellaneous Goods & Services 9.01 percent. Refer to Table 1 and Figure 1.

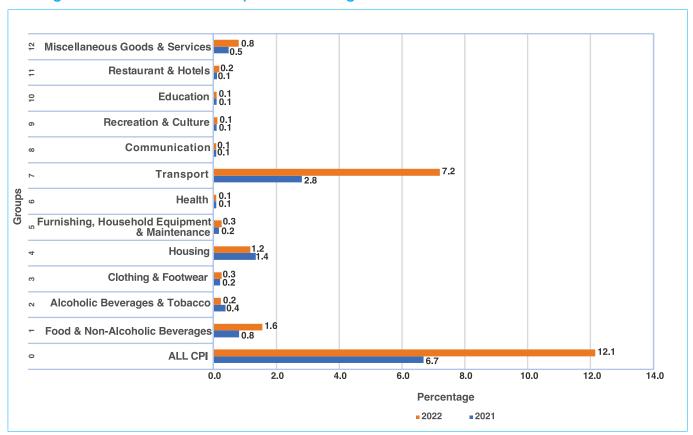


Figure 1: Contribution of Groups to the Average Annual Inflation rate 2021 and 2022

## 3.0 COMPARISON OF THE AVERAGE ANNUAL INFLATION RATE BETWEEN 2021 AND 2022

The Average annual inflation rate was 12.1 percent in 2022, an increase of 5.4 percentage points on the 2021 average inflation rate of 6.7 percent.

The majority of the group indices registered an increase in 2022 compared to 2021, notably: Transport which moved from 12.3 percent in 2021 to 31.1 percent in 2022, Food and Non-Alcoholic Beverages from 6.0 percent to 11.1 percent and Miscellaneous Goods & Services from 5.4 percent to 8.8 percent, between 2021 and 2022. Refer to Table 2 and Figure 2.

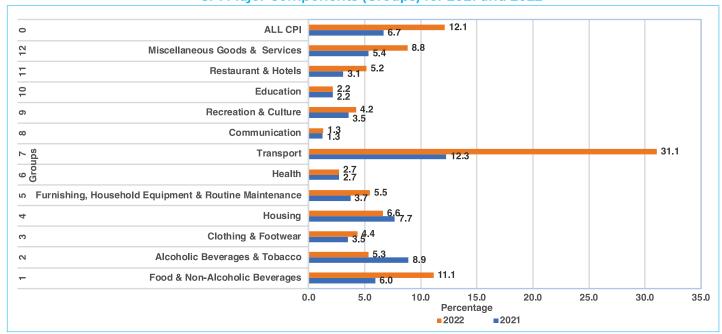


Figure 2: Comparison of Average Annual Inflation Rates for CPI Major Components (Groups) for 2021 and 2022

#### **3.1 TRANSPORT**

The Transport Group Index recorded a significant rise from 12.3 percent in 2021 to 31.1 percent in 2022, registering an increase of 18.8 percentage points. This increase was primarily driven by the rise in the section index of Operation of Personal Transport, which increased from 12.8 percent in 2021 to 46.2 percent in 2022. Additionally, Transport Services experienced an increase from 7.9 percent to 19.3 percent. See Table 3 and Figure 3

The acceleration in the Operation of Personal Transport section was attributed to several factors, including retail pump price hikes for petrol and diesel per litre. These increases took effect on March 29, 2022, with petrol and diesel rising by P1.25 and P2.74 respectively. Furthermore increases occurred on May 13, 2022, with petrol increasing by P1.54 and diesel by P2.74. Additionally, on June 28, 2022, there was an increase of P2.04 on petrol and P1.28 on diesel. **Refer Table 3** and **Figure 3** 

The increase in the Transport Services section was largely driven by adjustments in Minibus and Taxi fares, each increasing by P1.00 effective January 1, 2022. Furthermore adjustments occurred on May 20, 2022, with Minibus & Taxi Fares as well as long-distance bus fares (bitumen road) increasing by P1.00 and P0.05 per KM respectively. See Table 3 and Figure 3.

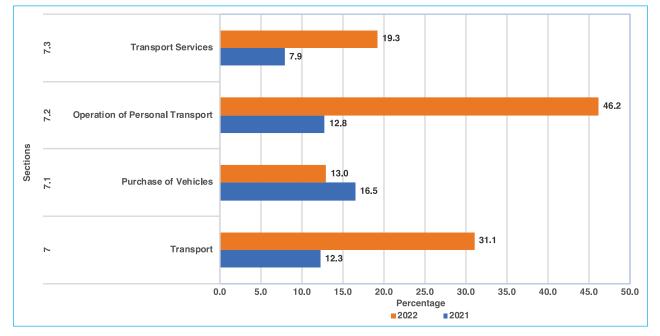


Figure 3: Transport Average Annual Inflation for 2021 and 2022

#### 3.2 FOOD & NON-ALCOHOLIC BEVERAGES

In 2022, the Food Inflation rate rose to 11.1 percent, compared to the 6.0 percent recorded in 2021. The primary contributors to this increase in the group were:

- The Oils & Fats section, which experienced a notable inflation rate of 37.6 percent, up from 16.3 percent in 2021.
- The Vegetables section saw an increase from 2.4 percent in 2021 to 13.2 percent in 2022.
- The Bread & Cereals section rose from 7.7 percent in 2021 to 12.2 percent in 2022.
- Meat (Fresh, Chilled & Frozen) shown an inflation rate of 8.3 percent in 2022, compared to 5.0 percent in 2021.

All sections in 2022 registered higher inflation rates than in 2021, with the exception of the Fruits section, which recorded an inflation rate of 1.7 percent in 2022 compared to 3.5 percent in 2021. **Refer to Table 3** and **Figure 4**.

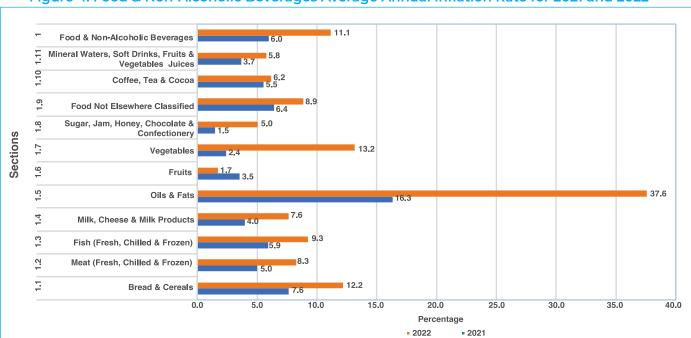


Figure 4: Food & Non-Alcoholic Beverages Average Annual Inflation Rate for 2021 and 2022

#### 3.3 HOUSING, WATER, ELECTRICITY, GAS & OTHER FUELS

In 2022, the inflation rate for the Housing, Water, Electricity, Gas & Other Fuels group stood at 6.6 percent, recording a decrease of 1.1 percentage point from the 7.7 percent recorded in 2021. With the exception of Rent Paid by Tenants, all sections experienced declines in 2022 as opposed to 2021.

Materials for Maintenance & Repair of dwellings experienced a significant decline of 6.2 percentage points, dropping from 11.9 percent in 2021 to 5.7 percent in 2022. Electricity, Gas and other Fuels showed a decrease to 4.9 percent in 2022, down from 8.9 percent in 2021. Similarly, the Water Supply & Miscellaneous Services section experienced a drop of 2.8 percentage points, moving from 7.4 percent in 2021 to 4.6 percent in 2022.

Conversely, Rent Paid by Tenants increased by 3.4 percentage points, reaching 8.7 percent in 2022 compared to 5.3 percent recorded in 2021. See Table 3 and Figure 5.

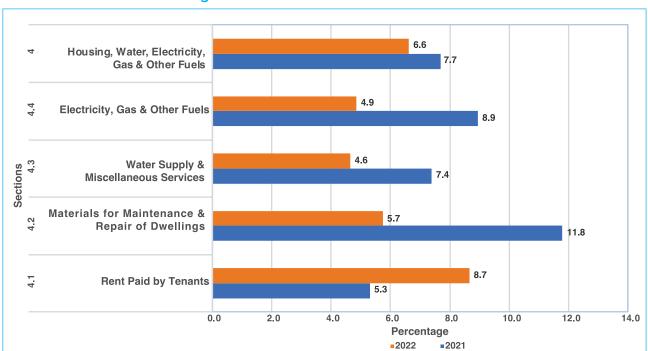


Figure 5: Housing, Water, Electricity, Gas & Other Fuels
Average Annual Inflation Rates for 2021 and 2022

#### 3.4 ALCOHOLIC BEVERAGES & TOBACCO

The Alcoholic Beverages & Tobacco Group inflation rate was 5.3 percent in 2022, a decline of 3.6 percentage points from 8.9 percent recorded in 2021. The Alcoholic Beverages section inflation rate dropped by 3.7 percentage points, from 9.3 percent in 2021 to 5.6 percent in 2022. The Tobacco section went down by 3.1 percentage points, from 7.3 percent in 2021 to 4.2 percent in 2022. **Refer to Table 3** and **Figure 6**.

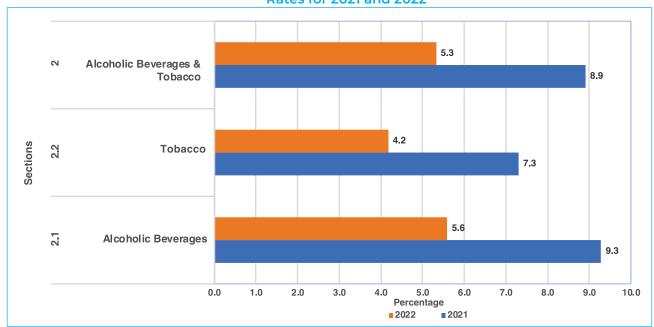


Figure 6: Alcoholic Beverages & Tobacco Average Annual Inflation
Rates for 2021 and 2022

#### 3.5 MISCELLANEOUS GOODS & SERVICES GROUP

In 2022, the inflation rate for the Miscellaneous Goods & Services Group reached 8.8 percent, recording an increase of 3.4 percentage points from the 5.4 percent registered in 2021. The increase was due the general increase in the constituent sections, notably; Insurance, which moved from 6.2 percent in 2021 to 11.7 percent in 2022, an increase of 5.5 percentage points, Personal Effects Not Elsewhere Classified went up by 3.2 percentage points, from 0.6 percent in 2021 to 3.8 percent in 2022. The Taxes, Licences & Fees registered an increase of 3.1 percentage points, from 3.1 percent in 2021 to 6.2 percent in 2022, Social Protection was 4.2 percent in 2022, a rise of 2.8 percentage points from 1.4 percent recorded in 2021, while Personal Care went up by 2.7 percentage points from 4.2 percent in 2021 to 6.9 percent in 2022.

Conversely, the inflation rate for Financial Services showed a decline of 1.7 percentage points, decreasing from 9.6 percent in 2021 to 7.9 percent in 2022. Refer to Table 3 and Figure 7.

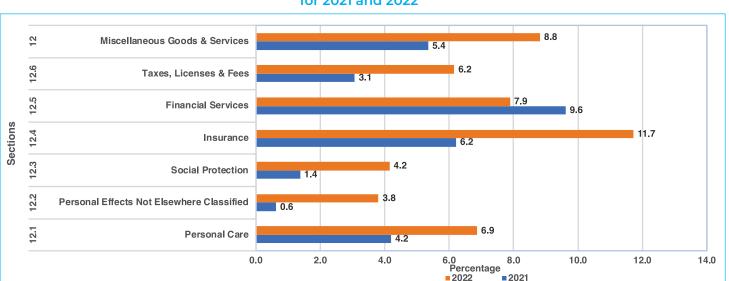


Figure 7: Miscellaneous Goods & Services Average Annual Inflation Rate for 2021 and 2022

#### **3.6 RESTAURANTS & HOTELS**

The Restaurants & Hotels Group was 5.2 percent in 2022, an increase of 2.1 percentage points on the 2021 rate of 3.1 percent. This was a result of the upward growth of the constituent section indices. Accommodation Services went up by 7.8 percentage points from -5.2 percent in 2021 to 2.6 percent in 2022. The Restaurants, Cafes & the Like was 5.6 percent in 2022, an increase of 0.8 of a percentage point on the 2021 rate of 4.8 percent. Refer to Table 3 and Figure 8.

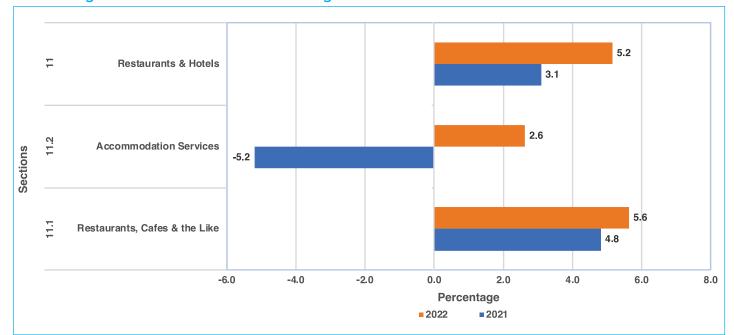


Figure 8: Restaurants & Hotels Average Annual Inflation Rates for 2021 and 2022

#### 3.7 OTHER GROUPS

Most of the groups Indices had an upward movement in 2022. Furnishing, Household Equipment & Routine Maintenance Group was 5.5 percent in 2022 compared to 3.7 percent in 2021, an upward movement of 1.8 percentage points. The Clothing & Footwear registered an increase of 0.9 of a percentage point, moving from 3.5 in 2021 to 4.4 percent in 2022. Recreation & Culture rose by 0.7 of a percentage point from 3.5 percent in 2021 to 4.2 percent in 2022.

The Health, Education and Communication group inflation rates in 2022, were 2.7 percent, 2.2 percent and 1.3 percent respectively, the same rates as in 2021.

#### 3.8 ANNUAL INFLATION RATE BY STRATA

The average annual prices experienced a greater rate of increase across all strata in 2022 compared to 2021. Rural Villages saw a rise of 6.1 percentage points, reaching 12.6 percent in 2022 from 6.5 percent in 2021. Similarly, Cities/Towns witnessed an average annual inflation rate of 12.1 percent in 2022, registering an increase of 5.6 percentage points from the 6.5 percent recorded in 2021. Urban villages experienced a 5.0 percentage points rise, from 6.9 percent in 2021 to 11.9 percent in 2022.

#### 3.9 ANNUAL INFLATION RATE BY TRADEABILITY

In 2022, the average annual inflation rate for All-Tradeables reached 16.2 percent, recording an increase of 8.2 percentage points compared to the 2021 rate of 8.0 percent. Similarly, the Imported Tradeables category experienced an average annual inflation rate of 19.3 percent in 2021, rising by 10.3 percentage points from the 2021 average rate of 9.0 percent.

The upward movement in the average inflation rate for Imported Tradeables items in the CPI basket in 2022 was primarily driven by the increase in petroleum prices (Petrol and Diesel). Meanwhile, the average annual inflation for Non-Tradeables rose by 5.4 percentage points, increasing from 6.7 percent in 2021 to 12.1 percent in 2022.

Furthermore, the Domestic Tradeables category saw its average annual inflation rate rise to 8.1 percent in 2022, representing an increase of 2.6 percentage points from the 5.5 percent recorded in 2021. See Table 5 and 8.

Table 1: Contribution to Average Annual Inflation Rate for 2021 and 2022

Group		Contrib	ution
Code	Group Name	2021	2022
0	ALL CPI	6.7	12.1
1	Food & Non-Alcoholic Beverages	0.8	1.6
2	Alcoholic Beverages & Tobacco	0.4	0.2
3	Clothing & Footwear	0.2	0.3
4	Housing	1.4	1.2
5	Furnishing, Household Equipment & Routine Maintenance	0.2	0.3
6	Health	0.1	0.1
7	Transport	2.8	7.2
8	Communication	0.1	0.1
9	Recreation & Culture	0.1	0.1
10	Education	0.1	0.1
11	Restaurant & Hotels	0.1	0.2
12	Miscellaneous Goods & Services	0.5	8.0

Table 2: Annual Percentage Change of Consumer Price Indices Between 2021 and 2022 by Major Components for Botswana

Group			Ind	ex	Average Annual change (percent)				
Code	Group Name	Weights	2021	2022	2021	2022			
1	Food & Non-Alcoholic Beverages	13.55	111.9	124.5	6.0	11.1			
2	Alcoholic Beverages & Tobacco	4.34	117.6	123.8	8.9	5.3			
3	Clothing & Footwear	5.95	106.5	111.2	3.5	4.4			
4	Housing	17.45	114.1	121.6	7.7	6.6			
5	Furnishing, Household Equipment & Routine Maintenance	4.85	107.7	113.6	3.7	5.5			
6	Health	3.38	104.6	107.4	2.7	2.7			
7	Transport	23.43	110.3	144.7	12.3	31.1			
8	Communication	6.94	101.9	103.3	1.3	1.3			
9	Recreation & Culture	2.82	103.5	107.9	3.5	4.2			
10	Education	4.60	110.3	112.7	2.2	2.2			
11	Restaurant & Hotels	3.66	108.0	113.5	3.1	5.2			
12	Miscellaneous Goods & Services	9.01	111.7	121.5	5.4	8.8			
0	ALL CPI	100.00	110.2	123.6	6.7	12.1			

Table 3: 2022 National Consumer Price Group and Section Inflation Rates (December 2018 = 100.0)

						Timation Rates (Becember 2010 -	,		
	Group Section	Weights	2021 Inflation	2022 Inflation		Group Section	Weights	2021 Inflation	2022 Inflation
1	Food & Non-Alcoholic Beverages	13.55	6.0	11.1	6	Health	3.38	2.7	2.7
1.1	Bread & Cereals	4.26	7.7	12.2	6.1	Medical Products, Applications & Equipments	0.98	3.5	5.7
1.2	Meat (Fresh, Chilled & Frozen)	2.36	5.0	8.3	6.2	Out-Patient Services	0.93	3.3	3.2
1.3	Fish (Fresh, Chilled & Frozen)	0.18	6.0	9.3	6.3	Hospital Services	1.47	1.8	0.3
1.4	Milk, Cheese & Milk Products	0.98	4.0	7.6					
1.5	Oils & Fats	0.92	16.4	37.6	7	Transport	23.43	12.3	31.1
1.6	Fruits	0.78	3.6	1.7	7.1	Purchase of Vehicles	5.74	16.6	13.0
1.7	Vegetables	1.08	2.4	13.2	7.2	Operation of Personal Transport	12.56	12.8	46.2
1.8	Sugar, Jam, Honey, Chocolate & Confectionery	1.11	1.5	5.0	7.3	Transport Services	5.13	7.9	19.3
1.9	Food Not Elsewhere Classified	0.54	6.4	8.9					
	Coffee, Tea & Cocoa	0.73	5.6	6.2	8	Communication	6.94	1.3	1.3
1.11	Mineral Waters, Soft Drinks, Fruits & Vegetables Juices	0.62	3.7	5.8	8.1	Postal Services	0.21	10.2	2.0
					8.2	Telephone & Telefax Equipment	1.13	2.4	3.5
2	Alcoholic Beverages &Tobacco	4.34	8.9	5.3	8.3	Telephone & Telefax Services	5.60	0.7	0.8
2.1	Alcoholic Beverages	3.51	9.3	5.6					
2.2	Tobacco	0.82	7.3	4.2	9	Recreation & Culture	2.82	3.6	4.2
					9.1	Audio Visual, Photographic & Information Processing Equipment	2.10	3.9	4.0
3	Clothing & Footwear	5.95	3.5	4.4	9.2	Other Recreational Items & Equipments	0.30	2.6	4.8
3.1	Clothing	2.60	3.6	3.8	9.3	Recreational & Cultural Services	0.31	2.9	5.6
3.2	Other Articles of Clothing	0.72	2.9	5.0	9.4	Newspapers, Books & Stationary	0.11	2.3	3.2
3.3	Cleaning, Repair & Hire	0.61	5.7	9.0					
3.4	Footwear	2.03	3.0	3.4	10	Education	4.60	2.2	2.2
					10.1	Pre-Primary & Primary Education	1.89	2.7	2.3
4	Housing, Water, Electricity, Gas & Other Fuels	17.45	7.7	6.6	10.2	Secondary & Tertiary Education	2.70	1.8	2.1
4.1	Rent Paid by Tenants	7.78	5.3	8.7					
4.2	Materials for Maintenance & Repair of Dwellings	3.83	11.9	5.7	11	Restaurants & Hotels	3.66	3.1	5.2
4.3	Water Supply & Miscellaneous Services	1.96	7.4	4.6	11.1	Restaurants, Cafes & the Like	3.02	4.8	5.6
4.4	Electricity, Gas & Other Fuels	3.89	8.9	4.9	11.2	Accommodation Services	0.64	-5.2	2.6
5	Furnishing, H/H Equipment & Routine Maintenance	4.85	3.7	5.5	12	Miscellaneous Goods & Services	9.01	5.4	8.8
5.1	Furniture & Furnishing	1.35	3.5	5.3	12.1	Personal Care	2.33	4.2	6.9
5.2	Carpets & Other Floor Coverings	0.27	5.0	4.0	12.2	Personal Effects Not Elsewhere Classified	0.22	0.6	3.8
5.3	Household Textiles	0.29	4.3	3.9	12.3	Social Protection	0.13	1.3	4.2
5.4	Household Appliances	0.72	5.7	7.0	12.4	Insurance	3.62	6.2	11.7
5.5	Glassware, Tableware & Household Utensils	0.23	4.8	7.2	12.5	Financial Services	1.09	9.6	7.9
5.6	Small Tools, Miscellaneous Accessories	0.04	7.7	6.2	12.6	Taxes, Licences & Fees	1.61	3.1	6.2
5.7	Goods & Services for Household Maintenance	1.95	2.7	5.2					
2.,	The second secon					All-Items Index	100.0	6.7	12.1

Table 4: Average Annual Inflation Rate by Strata 2021 - 2022

	202	I Annual Inflat	ion	202	22 Annual Infla	ntion
	Cities & Towns	Urban Village	Rural Village	Cities & Towns	Urban Village	Rural Village
Months	%	%	%	%	%	%
Jan	2.0	2.6	2.1	10.7	10.4	10.7
Feb	2.1	2.7	2.3	10.8	10.4	10.6
Mar	2.9	3.5	3.1	10.1	9.9	9.9
Apr	5.5	5.9	5.2	9.9	9.4	9.6
May	6.1	6.5	5.7	11.8	11.8	12.1
June	8.2	8.3	7.9	12.7	12.4	13.1
July	8.8	9.0	8.8	14.3	14.2	14.8
Aug	8.7	8.9	8.8	14.5	14.5	15.1
Sep	8.4	8.6	8.0	13.6	13.5	14.7
Oct	8.7	9.0	8.6	12.9	12.8	13.8
Nov	8.5	8.8	8.5	12.1	11.8	13.0
Dec	8.6	8.8	8.7	12.3	12.2	13.3
Annual Average	6.5	6.9	6.5	12.1	11.9	12.6

Table 5: Annual Inflation Rate by Tradeability 2021 - 2022

		2021 Annu	al Inflation			2022 Ann	ual Inflatio	n
	Non-Tradeables Inflation	Domestic Tradeables Inflation	Imported Tradeables Inflation	All Tradeables Inflation	Non-Tradeables Inflation	Domestic Tradeables Inflation	Imported Tradeables Inflation	All Tradeables Inflation
Months	%	%	%	%	%	%	%	%
Jan	4.4	4.6	-0.7	0.7	5.6	5.2	17.9	14.3
Feb	4.4	4.8	-0.5	1.0	5.7	4.9	18.0	14.3
Mar	4.4	5.0	1.3	2.3	5.8	4.9	16.3	13.1
Apr	4.9	7.2	5.7	6.1	6.1	3.7	15.5	12.2
May	5.1	6.9	7.0	7.0	6.1	4.6	20.3	16.0
June	5.8	5.9	11.6	10.0	7.1	7.3	20.3	16.8
July	5.9	5.1	13.6	11.2	7.3	9.9	23.0	19.4
Aug	5.9	4.8	13.4	11.0	7.3	10.4	23.4	19.9
Sep	4.6	5.3	13.6	11.3	7.0	10.8	21.6	18.7
Oct	4.6	5.4	14.7	12.0	6.8	11.5	19.7	17.5
Nov	4.5	5.3	14.3	11.8	6.9	11.7	17.4	15.9
Dec	4.7	5.3	14.2	11.7	6.7	12.4	18.0	16.5
Annual Average	5.0	5.5	9.0	8.0	6.5	8.1	19.3	16.2

Table 6: 2022 National Consumer Price Group and Section Indices (December 2018 = 100.0)

	ne 6. 2022 National Consum	101 1 1	100 01	oup a	id Sc	CIOII	raice	5 (50	3011110	31 2010	100.	- <u>-                                  </u>		
	Group Section	Weights	Jan	Feb	Mar	Apr	Мау	Jun	Jol	Aug	Sep	Oct	Nov	Dec
1	Food & Non-Alcoholic Beverages	13.55	114.8	115.3	116.0	118.6	121.6	123.8	126.4	128.2	130.3	132.0	132.7	133.8
1.1	Bread & Cereals	4.26	116.0	116.8	117.6	121.2	125.1	127.8	132.0	134.7	138.2	141.3	142.1	144.2
1.2	Meat (Fresh, Chilled & Frozen)	2.36	120.7	121.0	121.8	122.3	123.5	124.6	125.8	126.6	127.8	129.1	129.9	131.8
1.3	Fish (Fresh, Chilled & Frozen)	0.18	114.1	114.4	114.7	116.9	118.0	118.2	120.1	121.2	122.0	122.8	122.9	124.0
1.4	Milk, Cheese & Milk Products	0.98	110.4	110.6	111.3	112.4	113.5	115.5	117.6	118.9	120.1	120.5	120.3	121.1
1.5	Oils & Fats	0.92	131.5	132.8	134.7	144.5	154.7	163.2	173.2	177.7	181.4	183.2	184.0	182.7
1.6	Fruits	0.78	113.3	113.4	113.7	113.5	113.7	113.9	113.2	113.1	113.0	113.4	114.7	115.1
1.7	Vegetables	1.08	105.2	106.0	106.8	111.7	119.1	121.3	122.6	125.3	127.8	129.2	130.8	130.9
1.8	Sugar, Jam, Honey, Chocolate & Confectionery	1.11	102.9	103.4	103.4	104.1	104.8	105.7	106.1	106.5	107.0	107.9	108.2	108.6
1.9	Food Not Elsewhere Classified	0.54	115.5	115.5	116.1	117.5	119.1	120.5	121.7	122.3	123.9	125.6	125.8	125.5
1.10	Coffee, Tea & Cocoa	0.73	111.6	111.7	112.2	113.0	114.0	114.6	115.7	117.2	118.1	118.8	119.3	120.3
1.11	Mineral Waters, Soft Drinks, Fruits & Vegetables Juices	0.62	109.0	109.1	109.4	109.9	111.1	112.1	113.9	115.0	116.0	116.7	116.9	117.4
2	Alcoholic Beverages & Tobacco	4.34	122.1	122.2	122.5	123.2	124.0	124.3	124.4	124.4	124.3	124.6	125.0	124.8
2.1	Alcoholic Beverages	3.51	123.2	123.2	123.5	124.2	124.9	125.1	125.2	125.2	125.1	125.4	125.9	125.6
2.2	Tobacco	0.82	117.6	117.5	118.1	119.1	120.1	120.7	121.1	121.0	121.0	121.2	121.4	121.6
3	Clothing & Footwear	5.95	108.6	108.7	109.0	109.4	110.4	111.2	111.6	111.7	112.5	113.1	113.7	114.0
3.1	Clothing	2.60	108.7	108.9	109.3	109.5	110.2	111.3	111.5	111.6	112.3	112.8	113.1	113.5
3.2	Other Articles of Clothing	0.72	107.8	108.0	107.9	108.3	109.1	109.6	110.9	111.4	113.3	114.1	114.5	114.6
3.3	Cleaning, Repair & Hire	0.61	114.2	114.6	115.1	116.8	120.3	121.9	122.2	122.4	122.5	124.0	125.0	124.6
3.4	Footwear	2.03	111.7	112.2	113.0	113.6	113.8	114.1	114.9	115.1	115.4	116.1	116.5	117.0
4	Housing, Water, Electricity, Gas & Other Fuels	17.45	117.5	117.6	118.0	122.3	122.7	123.1	123.5	123.0	123.1	123.0	122.9	123.0
4.1	Rent Paid by Tenants	7.78	111.9	111.9	112.5	119.3	119.3	119.8	119.8	119.8	120.2	120.2	120.2	120.7
4.2	Materials for Maintenance & Repair of Dwellings	3.83	121.9	122.0	122.5	122.8	124.1	124.6	125.8	126.3	126.3	126.0	125.7	125.5
4.3	Water Supply & Miscellaneous Services	1.96	112.7	112.7	112.7	112.7	112.7	112.7	112.7	111.0	111.0	111.0	111.0	111.0
4.4	Electricity, Gas & Other Fuels	3.89	127.0	127.0	127.1	132.6	133.1	133.3	134.1	132.1	131.8	131.6	131.3	131.3
5	Furnishing, H/H Equipment & Routine Maintenance	4.85	110.6	110.9	110.8	111.6	112.7	113.5	114.3	114.6	115.5	115.9	116.3	116.9
5.1	Furniture & Furnishing	1.35	110.4	110.4	110.5	111.0	111.9	113.3	114.4	114.8	115.1	115.0	114.8	115.1
5.2	Carpets & Other Floor Coverings	0.27	110.6	110.7	110.8	111.7	112.7	112.7	113.2	113.8	113.9	114.1	115.0	115.1
5.3	Household Textiles	0.29	110.5	110.7	111.1	111.6	112.1	112.6	112.9	113.2	113.7	113.8	113.9	114.1
5.4	Household Appliances	0.72	111.7	112.2	112.3	112.9	114.6	115.7	115.9	116.3	117.0	117.5	118.1	118.8
5.5	Glassware, Tableware & Household Utensils	0.23	112.4	112.6	112.6	113.3	114.7	116.8	118.2	118.5	119.5	120.4	121.0	122.2
5.6	Small Tools, Miscellaneous Accessories	0.04	116.8	117.5	118.2	119.2	119.9	120.0	120.3	119.7	119.9	120.4	120.6	121.9
5.7	Goods & Services for Household Maintenance	1.95	110.0	110.6	110.0	111.1	112.3	112.6	113.3	113.6	115.2	115.9	116.5	117.3

Table 6 Cont'd: 2022 National Consumer Price Group and Section Indices (December 2018 = 100.0)

1 0110	He o corre d. 2022 National										<b>31 _ 31</b>		,,	
		ıts												
		Weights	⊆	Feb	Mar	'n	Мау	Jun	_	Aug	Sep	Oct	Nov	Dec
	Group Section	3	Jan	ıт	Σ	Apr	Σ	礻	nc Inc	₹	ű	Ŏ	ž	۵
6	Health	3.38	105.8	106.0	106.2	106.6	107.0	107.3	107.7	107.9	108.0	108.4	108.7	109.1
6.1	Medical Products, Applications & Equipments	0.98	109.4	110.1	110.2	110.7	111.7	112.3	113.5	114.2	114.4	115.5	116.2	117.2
6.2	Out-Patient Services	0.93	107.0	107.1	107.6	108.3	108.7	109.1	109.2	109.2	109.5	109.7	110.2	110.5
6.3	Hospital Services	1.47	102.7	102.7	102.7	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8
7	Transport	23.43	126.2	127.0	127.2	134.5	144.2	148.7	158.1	158.5	155.3	155.4	150.0	151.0
7.1	Purchase of Vehicles	5.74	127.2	130.1	130.8	133.2	136.5	137.9	141.2	142.5	142.5	142.9	142.9	146.7
7.2	Operation of Personal Transport	12.56	128.4	128.5	128.6	140.0	156.7	157.0	171.8	171.9	165.8	165.9	155.9	156.0
7.3	Transport Services	5.13	119.8	119.8	119.8	122.2	122.2	140.3	143.6	143.6	143.7	143.7	143.7	143.7
8	Communication	6.94	102.3	102.3	102.5	102.5	102.6	102.6	102.8	103.9	104.0	104.0	104.8	104.8
8.1	Postal Services	0.21	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	127.5	127.5
8.2	Telephone & Telefax Equipment	1.13	107.1	107.3	108.4	108.3	108.8	109.0	110.3	110.1	110.6	110.3	112.9	113.1
8.3	Telephone & Telefax Services	5.60	100.9	100.9	100.9	100.9	100.9	100.9	100.9	102.3	102.3	102.3	102.3	102.3
9	Recreation & Culture	2.82	105.2	105.4	105.7	107.4	108.2	108.4	108.9	109.2	109.1	109.3	108.9	108.8
9.1	Audio Visual, Photographic & Information Processing Equipment	2.10	105.3	105.5	105.9	107.1	108.1	108.3	108.7	109.0	108.7	108.7	108.2	107.9
9.2	Other Recreational Items & Equipments	0.30	106.3	106.2	106.4	107.6	107.8	108.5	110.1	111.2	112.2	113.1	113.1	114.5
9.3	Recreational & Cultural Services	0.31	102.0	102.0	102.0	108.0	108.0	108.0	108.1	108.1	108.1	108.1	108.2	108.2
9.4	Newspapers, Books & Stationary	0.11	109.6	110.6	110.8	110.9	111.1	111.4	111.8	112.1	112.5	112.6	112.9	113.7
10	Education	4.60	112.3	112.4	112.5	112.6	112.7	112.8	112.8	112.8	112.8	112.8	112.8	112.8
10.1	Pre-Primary & Primary Education	1.89	112.9	113.2	113.3	113.7	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
10.2	Secondary & Tertiary Education	2.70	111.9	111.9	111.9	111.9	111.9	111.9	112.0	112.0	112.0	112.0	112.0	112.0
11	Restaurants & Hotels	3.66	110.4	110.7	110.8	111.5	112.9	113.4	114.5	114.9	115.1	115.4	116.3	116.4
11.1	Restaurants, Cafes & the Like	3.02	113.2	113.5	113.6	114.2	115.8	116.4	117.5	117.8	118.1	118.4	119.5	119.6
11.2	Accommodation Services	0.64	97.3	97.7	97.7	98.6	99.5	99.7	100.5	101.2	101.2	101.1	101.0	101.3
12	Miscellaneous Goods & Services	9.01	115.0	115.4	115.6	121.2	121.7	123.0	123.9	124.3	124.5	124.4	124.3	124.8
12.1	Personal Care	2.33	109.3	109.8	109.7	111.2	112.1	113.1	114.4	114.9	115.8	117.2	117.5	118.8
12.2	Personal Effects Not Elsewhere Classified	0.22	103.5	103.9	104.0	104.1	103.9	106.0	106.1	106.2	106.2	106.8	106.9	106.9
12.3	Social Protection	0.13	112.4	112.5	113.3	113.4	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0
12.4	Insurance	3.62	122.2	122.3	122.5	134.6	134.5	135.2	136.0	136.3	136.2	134.6	134.1	134.5
12.5	Financial Services	1.09	115.8	116.9	117.1	117.2	119.2	120.7	121.6	123.1	123.3	123.1	123.3	122.8
12.6	Taxes, Licences & Fees	1.61	108.5	109.0	109.3	110.9	111.7	114.6	115.0	115.0	115.1	116.2	115.8	116.2
	All-Items Index	100.0	116.0	116.3	116.6	120.1	123.2	124.8	127.7	128.1	127.8	128.1	127.1	127.6

Table 7: Consumer Price Index and Inflation Rates by Strata 2022

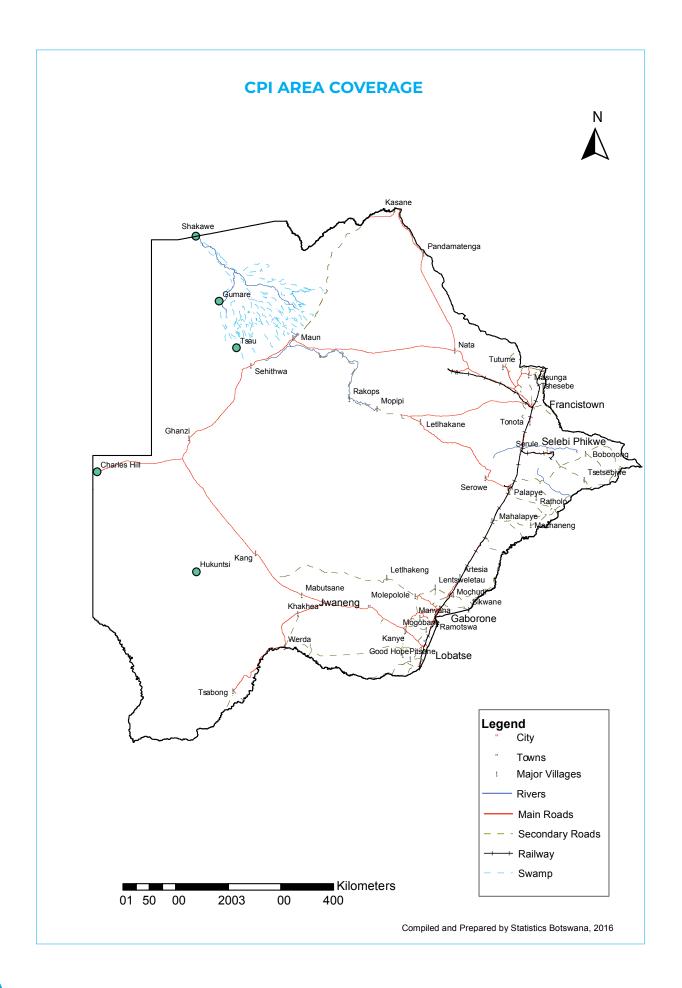
			Index			Annual Inflatio	n
		Cities & Towns	Urban Village	Rural Village	Cities & Towns	Urban Village	Rural Village
Weights		0.38	0.41	0.21	%	%	%
2022	Jan	116.1	116.2	115.4	10.7	10.4	10.7
	Feb	116.4	116.7	115.6	10.8	10.4	10.6
	Mar	116.6	117.0	115.9	10.1	9.9	9.9
	Apr	120.5	120.4	118.8	9.9	9.4	9.6
	May	123.3	123.6	122.2	11.8	11.8	12.1
	June	125.0	125.1	124.0	12.7	12.4	13.1
	July	127.7	128.0	127.2	14.3	14.2	14.8
	Aug	128.0	128.5	127.7	14.5	14.5	15.1
	Sep	127.6	128.2	127.5	13.6	13.5	14.7
	Oct	128.0	128.4	127.8	12.9	12.8	13.8
	Nov	127.0	127.3	127.0	12.1	11.8	13.0
	Dec	127.4	127.8	127.6	12.3	12.2	13.3
	Annual Average	123.6	123.9	123.0	12.1	11.9	12.6

Table 8: Consumer Price Index by Tradeability 2022 (December 2018 = 100.0)

			All ems		on- eables		estic eables		orted eables	All Tradeables		
		Index	Inflation	Index	Inflation	Index	Inflation	Index	Inflation	Index	Inflation	
	Weights	100.0	%	42.3	%	15.5	%	42.3	%	57.7	%	
2022	Jan	116.0	10.6	113.1	5.6	115.6	5.2	119.1	17.9	118.2	14.3	
	Feb	116.3	10.6	113.2	5.7	115.9	4.9	119.7	18.0	118.7	14.3	
	Mar	116.6	10.0	113.3	5.8	116.2	4.9	120.1	16.3	119.1	13.1	
	Apr	120.1	9.6	116.5	6.1	117.9	3.7	124.6	15.5	122.8	12.2	
	May	123.2	11.9	116.8	6.1	119.2	4.6	131.0	20.3	127.9	16.0	
	June	124.8	12.7	118.7	7.1	122.4	7.3	131.9	20.3	129.4	16.8	
	July	127.7	14.3	119.0	7.3	124.8	9.9	137.6	23.0	134.2	19.4	
	Aug	128.1	14.6	119.0	7.3	125.6	10.4	138.2	23.4	134.8	19.9	
	Sep	127.8	13.8	119.2	7.0	126.8	10.8	136.8	21.6	134.2	18.7	
	Oct	128.1	13.1	119.1	6.8	127.9	11.5	137.2	19.7	134.8	17.5	
	Nov	127.1	12.2	119.2	6.9	128.3	11.7	134.5	17.4	132.8	15.9	
	Dec	127.6	12.4	119.4	6.7	129.4	12.4	135.2	18.0	133.6	16.5	
	Annual Average	123.6	12.1	117.2	6.5	122.5	8.1	130.5	19.3	128.4	16.2	

Table 9: Average Annual Inflation ( December 2018=100)

	Group	Weights	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	Food & Non-Alcoholic Beverages	13.55	8.0	5.4	3.0	1.3	2.7	3.4	(0.5)	1.4	3.7	6.0	11.1
2	Alcoholic Beverages & Tobacco	4.34	7.6	10.3	9.0	6.1	2.5	4.5	1.1	2.8	5.4	8.9	5.3
3	Clothing & Footwear	5.95	7.5	6.3	6.0	7.6	6.5	3.2	1.8	1.3	2.2	3.5	4.4
4	Housing, Water, Electr. Gas & Other Fuels	17.45	7.7	4.3	3.9	7.1	6.3	5.4	4.1	2.1	5.1	7.7	6.6
5	Furnishing, H/H Equipment & Routine Maintenance	4.85	7.3	4.9	5.0	6.1	3.0	3.3	2.1	2.1	2.4	3.7	5.5
6	Health	3.38	5.9	5.5	8.3	6.3	3.0	2.4	1.1	1.0	1.3	2.7	2.7
7	Transport	23.43	10.8	7.3	1.2	(5.1)	(2.7)	1.6	7.5	6.2	(2.4)	12.3	31.1
8	Communication	6.94	(1.4)	0.3	0.3	0.3	0.2	0.5	(4.6)	(3.8)	0.5	1.3	1.3
9	Recreation & Culture	2.82	5.8	4.5	4.2	5.7	3.0	2.2	1.8	0.4	(0.2)	3.5	4.2
10	Education	4.60	6.4	4.7	7.4	6.4	3.7	4.1	5.5	3.1	4.7	2.2	2.2
11	Restaurants & Hotels	3.66	8.4	7.9	7.6	5.5	4.0	3.7	3.4	2.5	3.2	3.1	5.2
12	Miscellaneous Goods & Services	9.01	2.0	1.2	5.2	7.2	7.5	3.9	6.4	5.3	2.0	5.4	8.8
	All-Items Index	100.0	7.5	5.9	4.4	3.1	2.8	3.3	3.2	2.8	1.9	6.7	12.1



#### **GLOSSARY**

**Consumer Price Index** (CPI) is an index which measures price changes in goods and services with reference to a base period.

**Inflation** is a measurement of price movement of goods and services in a particular country.

**Contributions:** These are percentage points that add up to the overall inflation rate. The contribution of a **group** to overall annual inflation depends on its weight in the consumption basket and its own annual inflation rate.

**Domestic Tradeables** refers to the goods and services which a country (Botswana) can export to other countries.

**Imported Tradeables** represents the goods and services which a country (Botswana) imports from other countries (trading partners).

Non-Tradeables refers to the goods and services which a country cannot either export or import to other countries.

All-Tradeable refers to the total of **Domestic** and **Imported tradeables**.

**Trimmed Mean Core Inflation**- attempts to remove 8 percent (by weight) of the commodity subgroups with the largest price changes at each of the ends of an ordered series of price changes in any given month.

**Core inflation by Exclusion** is a measure used to remove the volatility inherent in prices that are only adjusted periodically and not always in response to currently prevailing market forces.

Basket -A specified set of goods and services contained in the CPI basket

Weights normally represent the relevant importance of the item or product in a group.





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