

Namibia Consumer Price Index Bulletin

July 2022



Mission Statement

"Leveraging on partnerships and innovative technologies, to produce and disseminate relevant, quality, timely statistics and spatial data that are fit-for-purpose in accordance with international standards and best practice"

Vision Statement

"Be a high-performance institution in quality statistics delivery"

Core Values

Integrity

Excellent Performance

Accuracy

Teamwork

Accountability

Transparency

TABLE OF CONTENTS

LIST OF CHARTS.....	iii
LIST OF TABLES.....	iii
PREFACE.....	iv
Box 1: Key highlights.....	5
Box 2: Contribution of the different groups to the annual percentage change in NCPI.....	6
Overall inflation rate.....	7
Annual inflation rate by main categories.....	9
Selected main categories' annual inflation rates.....	10
Housing, water, electricity, gas, and other fuels.....	10
Food and non-alcoholic beverages.....	12
Transport	14
Alcoholic beverages and tobacco	16
Goods and Services inflation rates	17
Inflation rates by Zones.....	18
Zonal average prices on selected products.....	20
BOX 3: NCPI basket weights	21
BOX 4: Zonal NCPI weights.....	22
ANNEXURE	23
Annex A: NCPI: All Items Index, monthly and annual percentage changes July 2022	23
Annex C: Zonal CPI: All-Items Index, monthly and annual percentage changes (Dec 2012 =100)	29
Annex D: Background of the Zonal Consumer Price Index	30

LIST OF CHARTS

Chart 1: NCPI groups contribution to inflation rate for July 2022 (%).....	7
Chart 2: Monthly and annual percentage change (July 2021-July 2022).....	8
Chart 3: Annual percentage change by groups for July 2022	9
Chart 4: Annual inflation rate for Housing, water, electricity, gas, and other fuels (July 2021- July 2022).....	10
Chart 5: Annual inflation rate for Housing, water, electricity, gas and other fuels for July 2022	11
Chart 6: Annual inflation rate for the main subcategories of Food and non-alcoholic beverages	12
Chart 7: Annual inflation rates for Food and non-alcoholic beverages and selected food sub-categories for July 2022	13
Chart 8: Annual inflation rate for Transport (July 2021 - July 2022)	14
Chart 9: Annual inflation rate for Alcoholic beverages and tobacco (July 2021 - July 2022).....	16
Chart 10: Goods and Services annual inflation rates (July 2021 - July 2022).....	17

LIST OF TABLES

Table 1: Zonal annual inflation rates - July 2022	18
Table 2: Average prices on selected products - July 2022	20

PREFACE

This report examines the monthly inflation rate performance in Namibia as measured by the Consumer Price Index (CPI). The inflation rate measures the change in the CPI for the month under review compared to the previous month (month-on-month changes) as well as to the corresponding month in the previous year (year-on-year changes). The inflation rate is vital for purposes of economic policymaking, especially the conduct of monetary policy and to consumers in general. The Consumer Price Index is published about 15 days after the end of the reference month to which it relates.

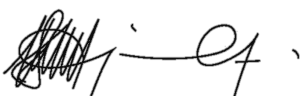
In July 2022, the annual inflation rate increased by 6.8 percent compared to 4.0 percent recorded in July 2021. On a monthly basis, the inflation rate remained unchanged at 1.0 percent when compared to a month earlier. Transport and Food and non-alcoholic beverages components continued to be the main contributors to the annual inflation rate with a contribution of 3.0 percentage points and 1.5 percentage points, respectively.

The Zonal inflation rates for the month of July 2022 revealed that, Zone 2 (Khomas) recorded the highest annual inflation rate of 7.7 percent followed by Zone 3 (Hardap, Omaheke, //Karas, and Erongo) at 6.6 percent and Zone 1 (Kavango East, Kavango West, Kunene, Ohangwena, Omusati, Oshana, Oshikoto, Otjozondjupa, and Zambezi) which recorded an annual inflation rate of 6.2 percent. On a monthly basis, Zone 2 and Zone 3 recorded the highest inflation rate of 1.1 percent each, while Zone 1 recorded the lowest monthly inflation rate of 0.7 percent.

Analysis of the average retail prices of selected products for the month of July 2022 revealed that consumers in Zone 2 paid the highest price for Brown Bread at N\$12.46 followed by Zone 3 at N\$11.91, while consumers in Zone 1 paid the lowest price of N\$11.48. For Pure Sunflower Oil (750ml), consumers in Zone 1 paid the lowest price at N\$39.97, while the highest price was paid by consumers residing in Zone 2 at N\$43.22.

I would like to extend my gratitude and appreciation to all stakeholders who assisted in the production of this bulletin. Further, I would like to urge our readers and users of this bulletin to send to us any comments that may enhance statistical production and contribute to the improvement of this bulletin at info@nsa.org.na

Please take note that the forthcoming report for August 2022 will be released on 15 September 2022.



Alex Shimuafeni

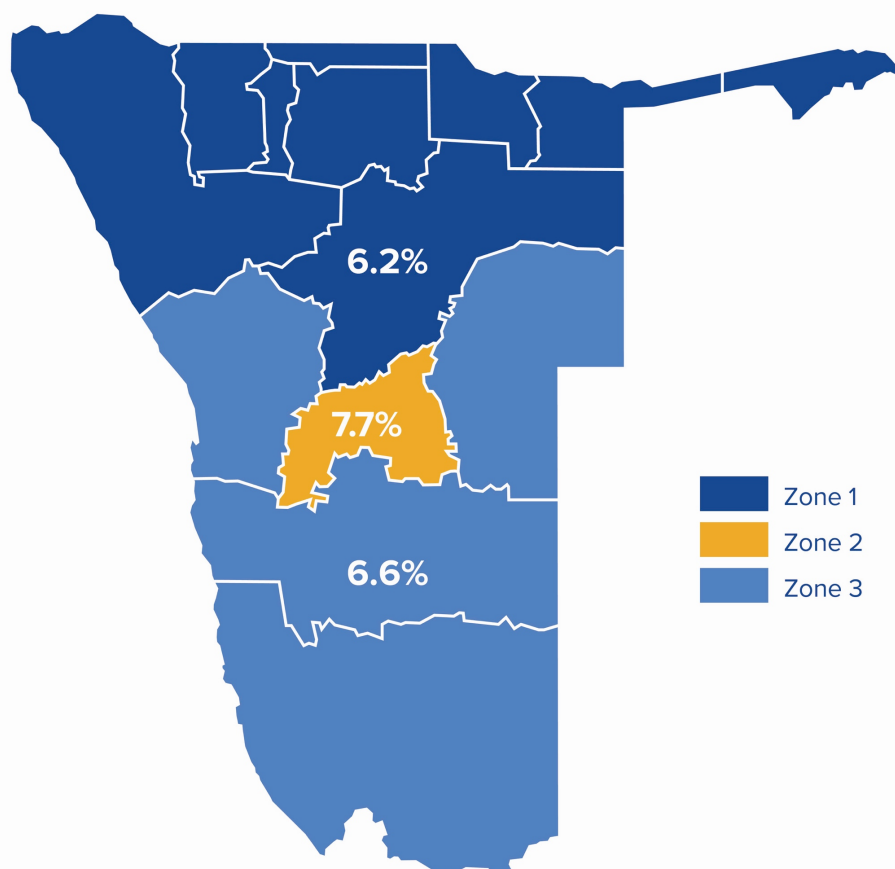
Statistician-General & CEO



Annual inflation stood at 6.8 percent in July 2022

During the period under review, the annual inflation rate increased by 6.8 percent compared to 4.0 percent recorded in July 2021, this was the highest rate recorded since July 2017. The monthly inflation remained unchanged at 1.0 percent when compared to a month earlier.

Box 1: Key highlights



- o The annual inflation rate stood at **6.8 percent**
- o The annual inflation rate for Goods was estimated at **10.0 percent**
- o The annual inflation rate for Services stood at **2.5 percent**
- o The average annual inflation rate for the period July 2021 to July 2022 stood at **4.7 percent**.
- o The twelve-month average annual inflation rate from August 2021 to July 2022 was estimated at **4.7 percent**.

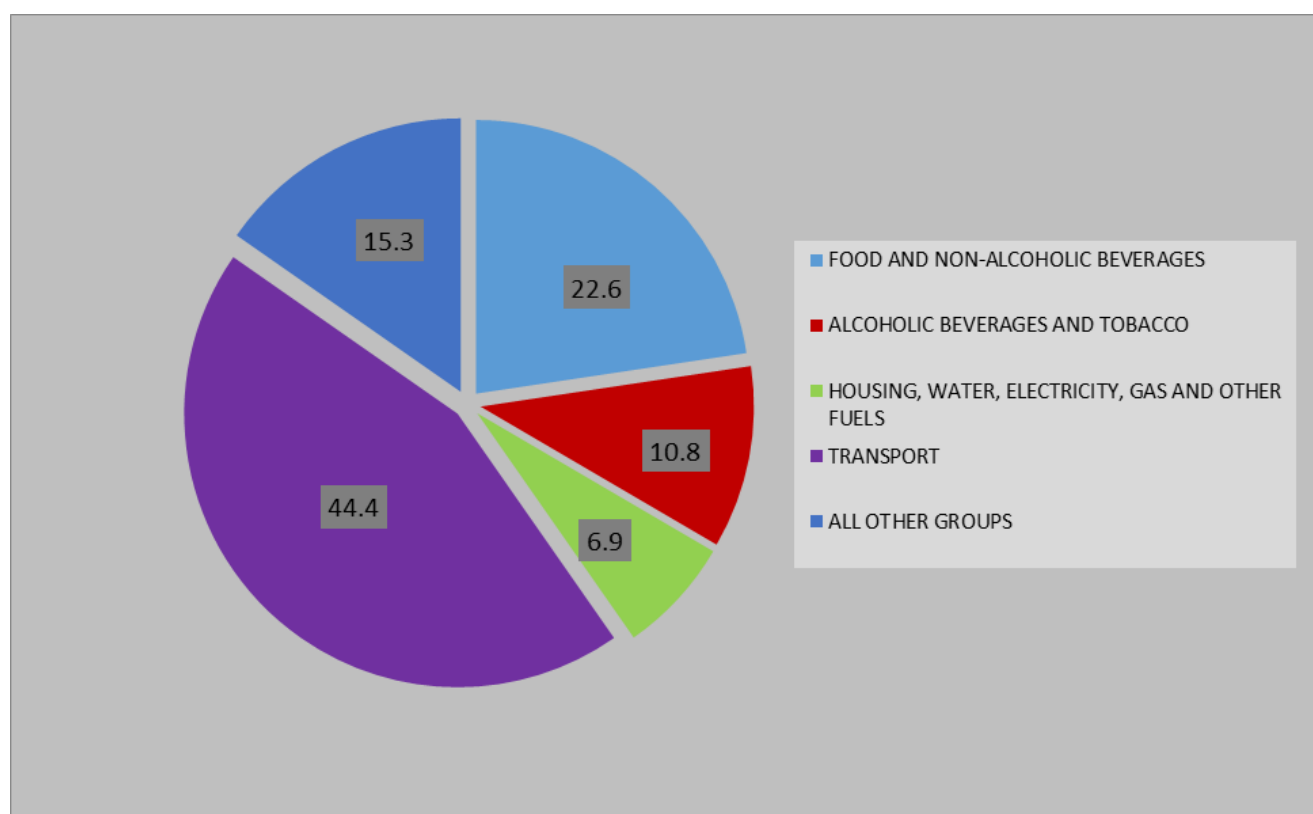
Box 2: Contribution of the different groups to the annual percentage change in NCPI

Groups	Contributions (%)	
	June-22	July-22
Food and non-alcoholic beverages	1.3	1.5
Alcoholic beverages and tobacco	0.8	0.7
Clothing and footwear	0.0	0.0
Housing, water, electricity, gas & other fuels	0.4	0.5
Furnishings, household equipment etc.	0.4	0.4
Health	0.0	0.0
Transport	2.7	3.0
Communication	0.0	0.0
Recreation and culture	0.2	0.2
Education	0.1	0.1
Hotels, cafes, and restaurants	0.1	0.1
Miscellaneous goods and services	0.0	0.2
All items	6.0	6.8

Overall inflation rate

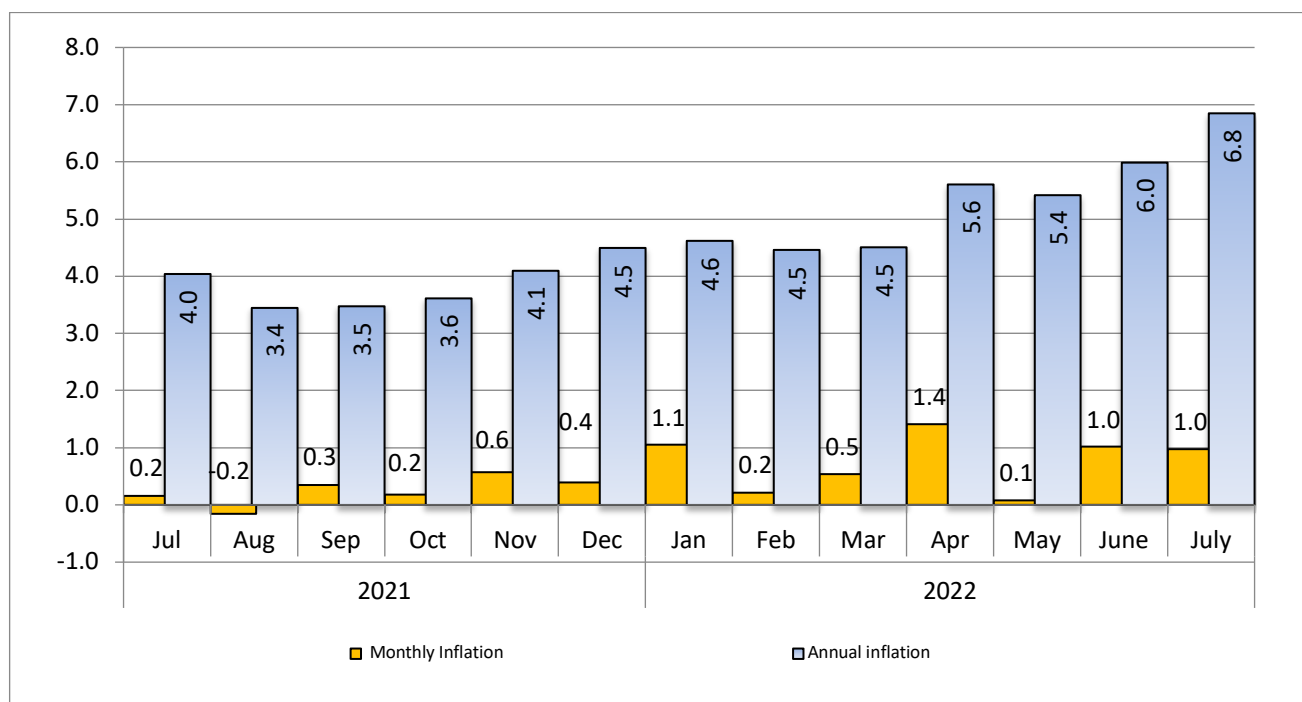
The annual inflation rate for the month of July 2022 stood at 6.8 percent, up from 4.0 percent recorded in July 2021, an increase of 2.8 percentage points. The main contributors to the annual inflation rate for July 2022 were Transport (3.0 percentage points); Food and non-alcoholic beverages (1.5 percentage points); Alcoholic beverages and tobacco (0.7 percentage points); Housing, water, electricity, gas, and other fuels (0.5 percentage points); and Furnishing household equipment and routine maintenance of the house each contributed (0.4 percentage points).

Chart 1: NCPI groups contribution to inflation rate for July 2022 (%)



On a monthly basis Namibia recorded inflation rate of 1.0 percent in July 2022 which is the same as what was registered during the preceding month. The growth in the monthly inflation rate was mainly caused by Miscellaneous goods and services which augmented by 2.0 percent compared to 0.2 percent recorded a month earlier and Hotels, cafes and restaurants 1.5 percent compared to 0.2 percent recorded a month earlier.

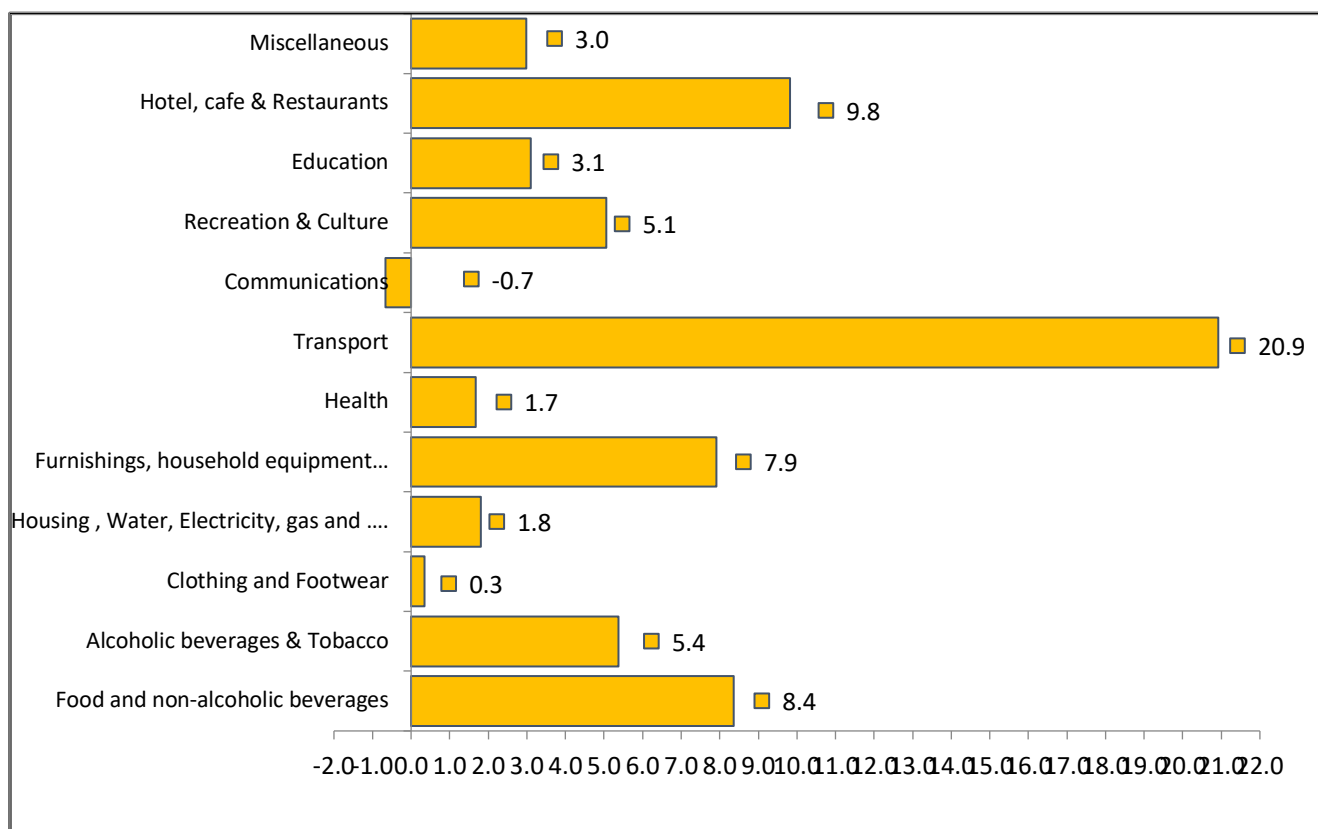
Chart 2: Monthly and annual percentage change (July 2021-July 2022)



Annual inflation rate by main categories

The highest change in the annual inflation rate were mainly witnessed in the categories of Transport (20.9%); Hotels, cafes and restaurants (9.8%); Food and non-alcoholic beverages (8.4%); Furnishings, household equipment and routine maintenance of the house (7.9%); and Alcoholic beverages and tobacco (5.4%).

Chart 3: Annual percentage change by groups for July 2022

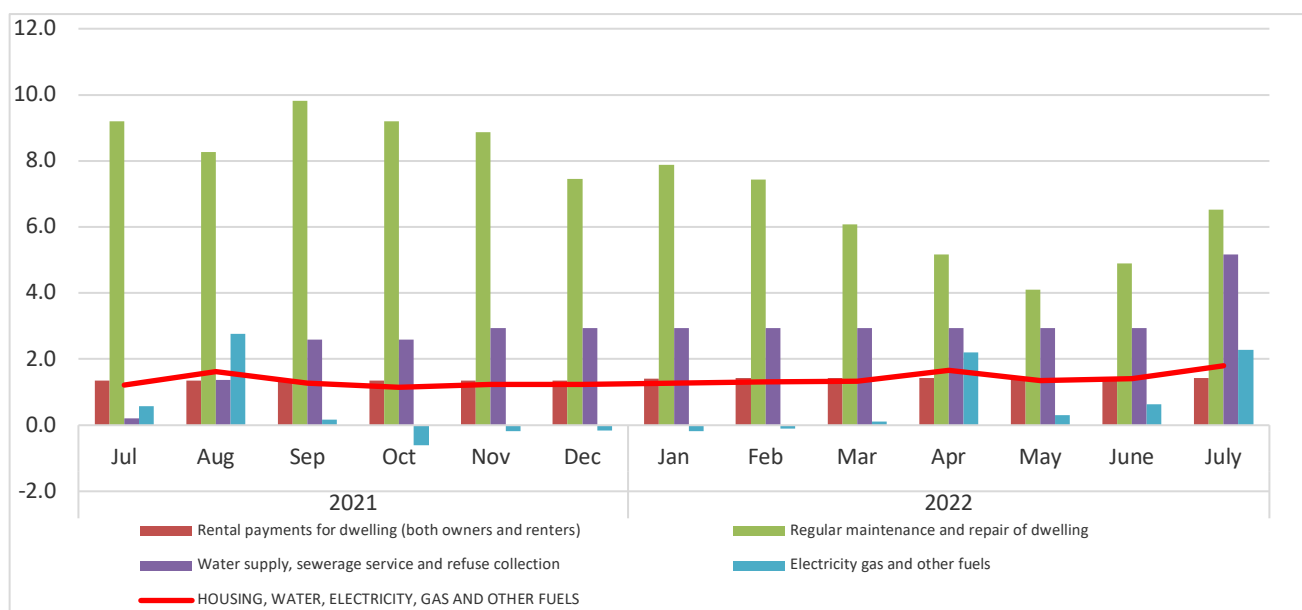


Selected main categories' annual inflation rates

Housing, water, electricity, gas, and other fuels

The annual percentage change for Housing, water, electricity, gas, and other fuels component which accounts for 28.4 percent of the consumer basket, increased by 1.8 percent during July 2022 compared to 1.2 percent registered during the same period of the preceding year.

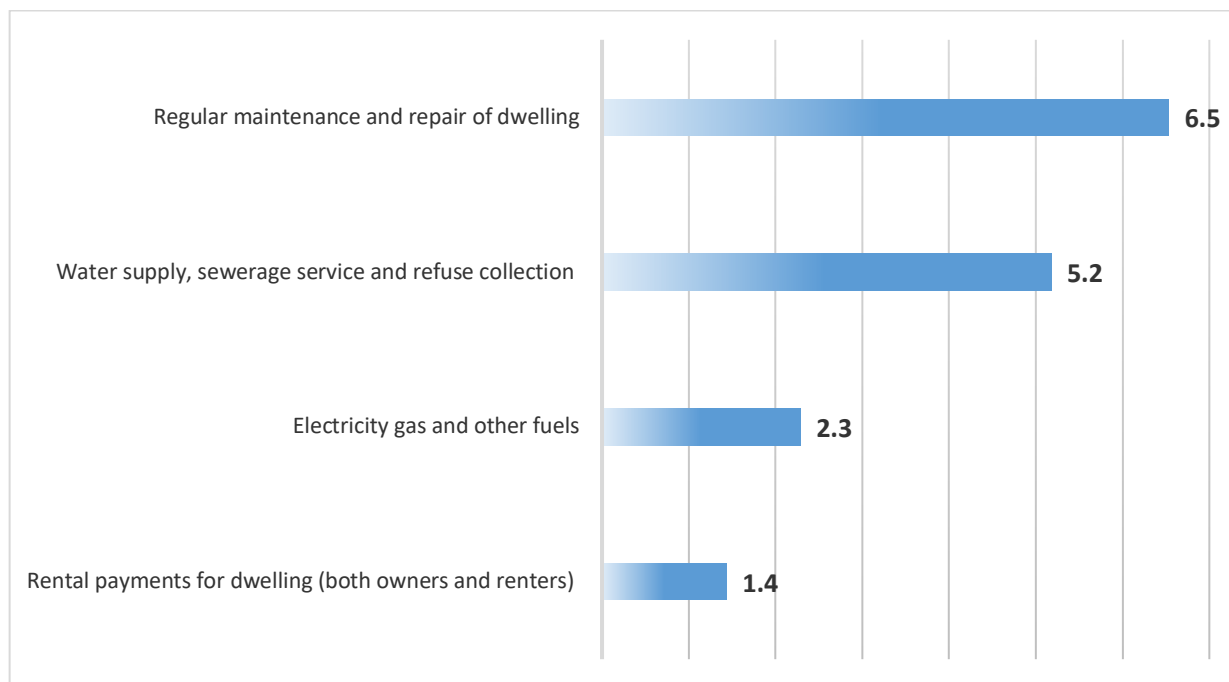
Chart 4: Annual inflation rate for Housing, water, electricity, gas, and other fuels (July 2021- July 2022)



The highest percentage changes in this category during July 2022 were mainly observed in the subcategories of Regular maintenance and repair of dwelling (6.5%); and Water supply, sewerage services and refuse collection (5.2%).

On monthly basis, this category recorded an inflation rate of 0.4 percent in July 2022 compared to 0.1 percent recorded in the previous month.

Chart 5: Annual inflation rate for Housing, water, electricity, gas and other fuels for July 2022

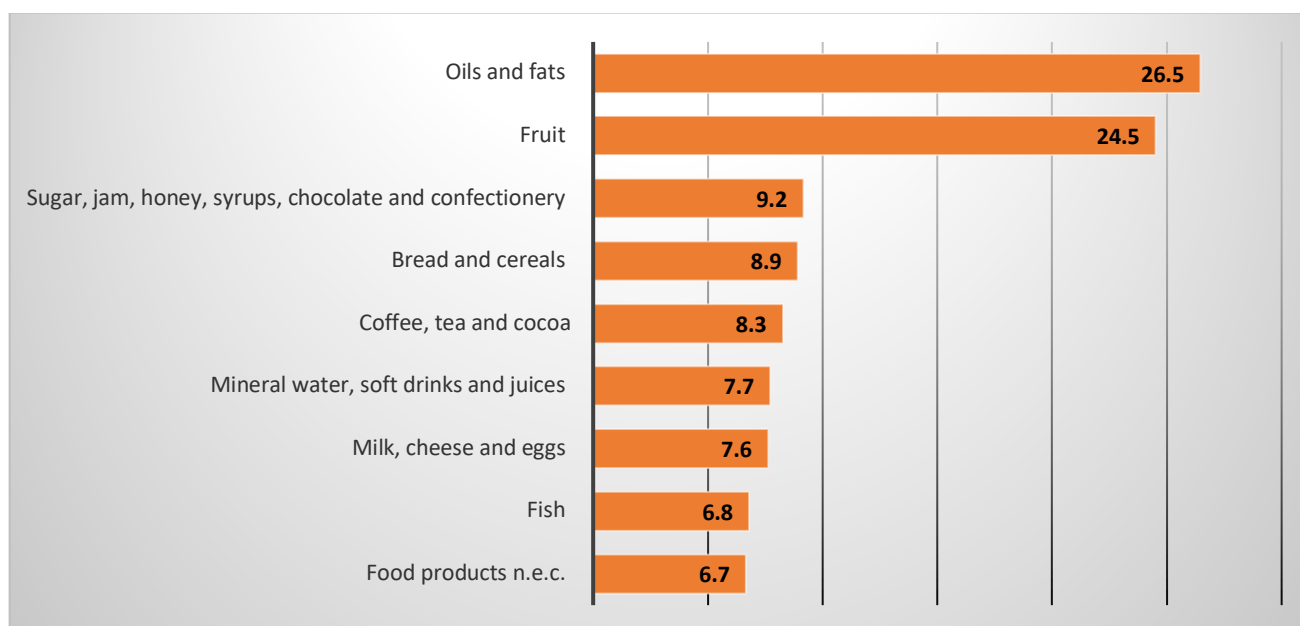


Food and non-alcoholic beverages

Food and non-alcoholic beverages which accounts for 16.5 percent of the NCPI basket recorded an inflation rate of 8.4 percent during the month of July 2022 compared to 6.1 percent registered during same period of last year.

On a monthly basis, price levels for this category increased by 0.8 percent during the period under review compared to 0.7 percent recorded a month earlier.

Chart 6: Annual inflation rate for the main subcategories of Food and non-alcoholic beverages (July 2022)



Food sub-category accounts for 14.8 percent of the consumer basket in the CPI. Within the food sub-category, bread, and cereals accounts for the highest weight of food items that consumers purchase, having a weight of 4.8 percent followed by Meat 3.5 percent; Sugar, jam, honey, syrups, chocolate, and confectionery 1.4 percent; Vegetables; and milk, cheese, and eggs 1.2 percent each.

The inflation rate for the **Food** sub-category increased by 8.4 percent during the period under review compared to 6.5 percent registered during the same period of the preceding year. The increase was mainly reflected in the prices of Oils and fats (from 17.4% to 26.5%); Fruit (9.0% to 24.5%); and Sugar, jam, honey, syrups, chocolate and confectionery (from -0.4% to 9.2%).

Prices for **Oils and fats** augmented by 26.5 percent in July 2022 compared to 17.4 percent registered during the same period a year earlier. The increase was reflected mainly in the price levels of Cooking fats that escalated (from 11.3% to 23.2%); Cooking oil (from 28.8% to 37.1%); Margarine & margarine spreads (from 8.8% to 13.4%); and Butter (from -3.0% to 4.7%).

The price levels of **Fruits** increased by 24.5 percent in July 2022 compared to 9.0 percent recorded in July 2021. The increase in the annual inflation rate for this subcategory was mainly observed in the price levels of Avocados (from 23.0% to 117.8%); Citrus fruits (from -5.2% to 12.7%); and Dried fruits (from -4.0% to 9.8%)

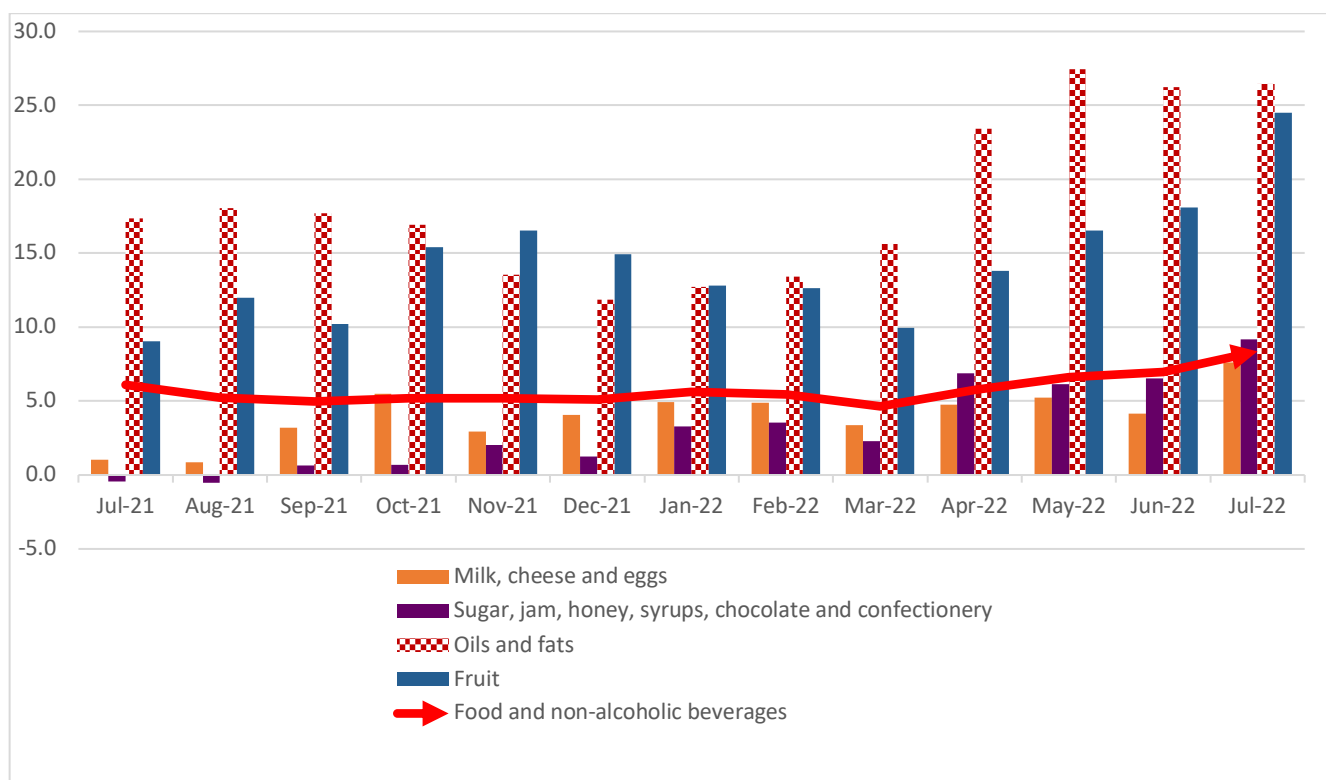
The price levels of **Fish** increased by 6.8 percent in July 2022, compared to 1.4 percent recorded in July 2021. The increase in the annual inflation rate for this category emanated mainly from increases witnessed in the price levels of Fresh, chilled & frozen fish (from 2.3 % to 10.0%).

Prices for Bread and cereals increased by 8.9 percent during July 2022 compared to 4.1 percent recorded in July 2021. The increase in the annual inflation rate for this sub-category resulted mainly from the increases in the price levels of Bread, cake flour (from -0.7% to 20.2%); Cakes (from 3.2% to 15.6%); Macaroni (from 2.5% to 10.3%); and Mealie rice/malt (from -0.8% to 9.3%).

Prices for Sugar, jam, honey, syrups, chocolate and confectionary increased by 9.2 percent during the period under review compared to a deflation of 0.4 percent registered during the same period last year. The increase was mainly observed in the price levels of Ice cream (from -4.0% to 12.9%); Chocolate (from -3.7% to 7.6%); Sweets (from -3.5% to 7.6%) and Sugar (from 0.0% to 9.5%).

Prices for **Milk, cheese and eggs** increased to 7.6 percent during July 2022 from 1.0 percent registered in July 2021. The increase was mainly observed in the price levels of Cream (from -11.4% to 33.2%) and Fresh milk, long life milk etc. (from -2.4% to 9.2%).

Chart 7: Annual inflation rates for Food and non-alcoholic beverages and selected food sub-categories (July 2021 - July 2022)

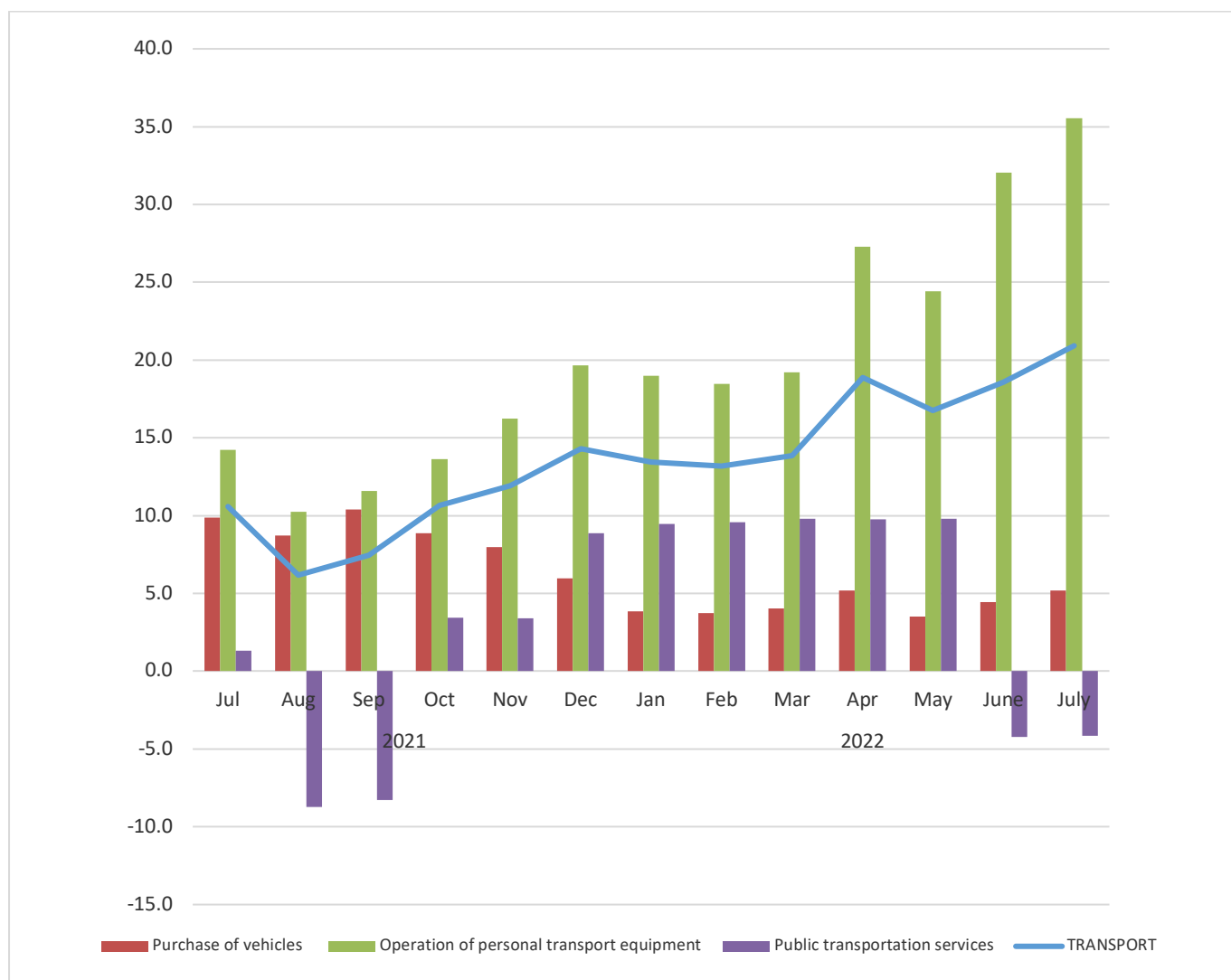


Transport

The annual inflation rate for the Transport category which accounts for 14.3 percent of the consumer basket continues to be the main driver of the overall inflation, increasing by 20.9 percent in July 2022 compared to 10.6 percent registered in July 2021. The increase in the Transport component was mainly reflected in the price levels of Operation of personal transport equipment which increased by 35.5 percent.

On a monthly basis, Transport group recorded an inflation rate of 3.0 percent in July 2022 compared to 4.1 percent recorded during the preceding month.

Chart 8: Annual inflation rate for Transport (July 2021 - July 2022)



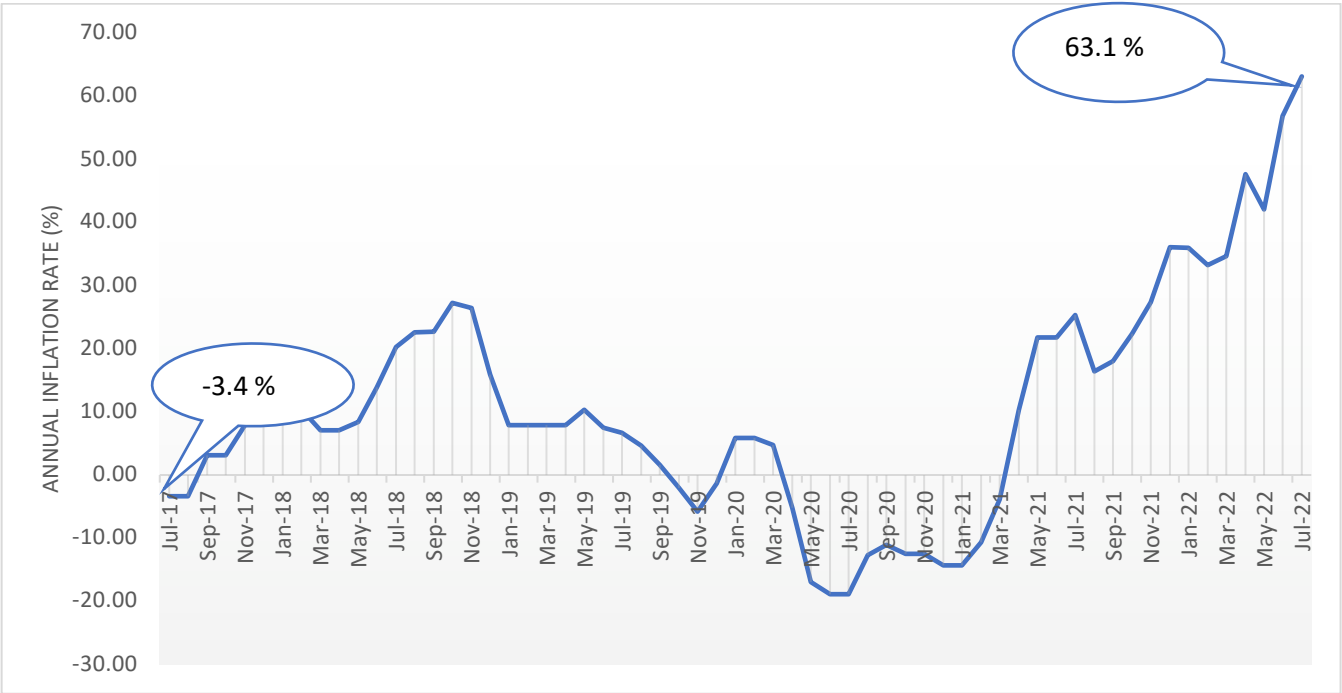
Operation of personal transport equipment increased by 35.5 percent in July 2022, compared to 14.2 percent recorded in July 2021. The increase resulted mainly from increases witnessed in the price levels of Petrol/Diesel who recorded a hyperinflation rate of 63.1 percent in July 2022 compared to 25.3 percent registered during the same period last year.

Prices for Public transportation services recorded a deflation of 4.1 percent compared to an increase of 1.3 percent registered during the same period of 2021. The deflation emanated mainly from declines registered in the price levels of Bus transportation (from 0.8% to -5.2%) and Taxi transportation (from 1.5% to -4.5%).

Purchase of vehicles, prices in this subcategory slowed to 5.2 percent in July 2022 compared to 9.9 percent recorded in July 2021. The slow increase emanated from all subcategories.

During the period of July 2017 to July 2022, Petrol and diesel registered a hyperinflation rate of 63.1 percent higher than the annual deflation rate of 3.4 percent recorded in July 2017.

Chart 9: Annual inflation rate for Petrol and Diesel (July 2017 - July 2022)

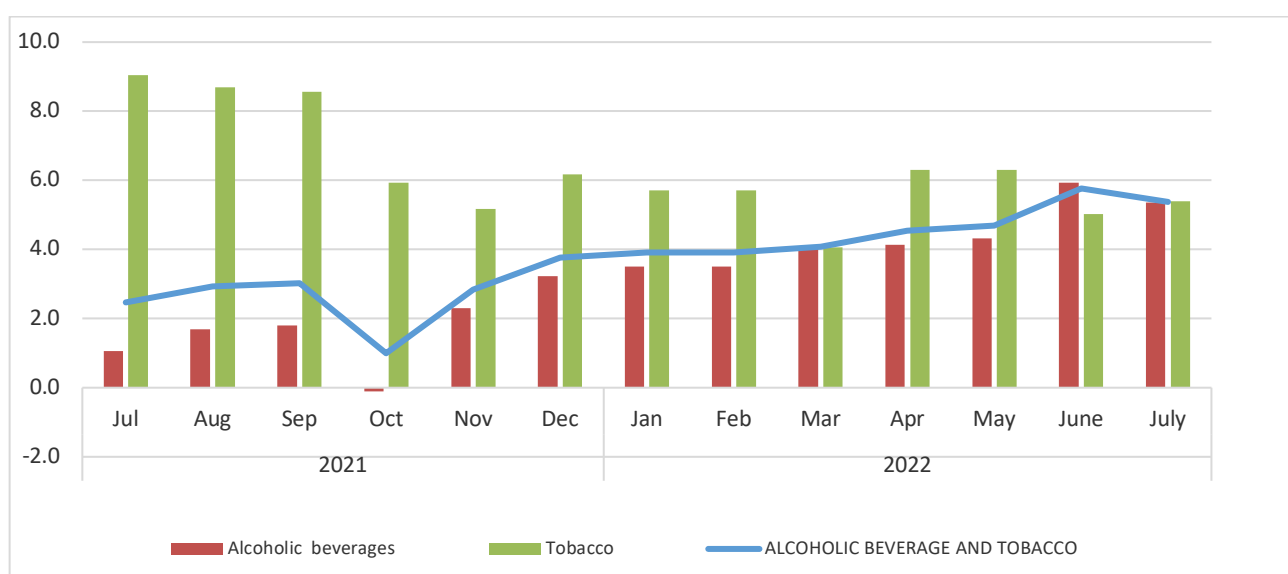


Alcoholic beverages and tobacco

During the month of July 2022, the annual inflation rate for the Alcoholic beverages and tobacco category which accounts for 12.6 percent of the consumer basket rose by 5.4 percent compared to 2.5 percent registered in July of the previous year. The increase in the movement of the inflation rate of this group resulted from increases registered in the price levels of both subcategories which increased by 5.4 percent each.

On a monthly basis, inflation rate increased by 0.4 percent, lower, when compared to 1.4 percent recorded in June 2022.

Chart 10: Annual inflation rate for Alcoholic beverages and tobacco (July 2021 - July 2022)



Prices for Tobacco recorded a slow growth of 5.4 percent in July 2022 compared to 9.0 percent recorded in July 2021. The slowdown registered in the inflation rate emanated from both subcategories of cigarettes and pipe tobacco

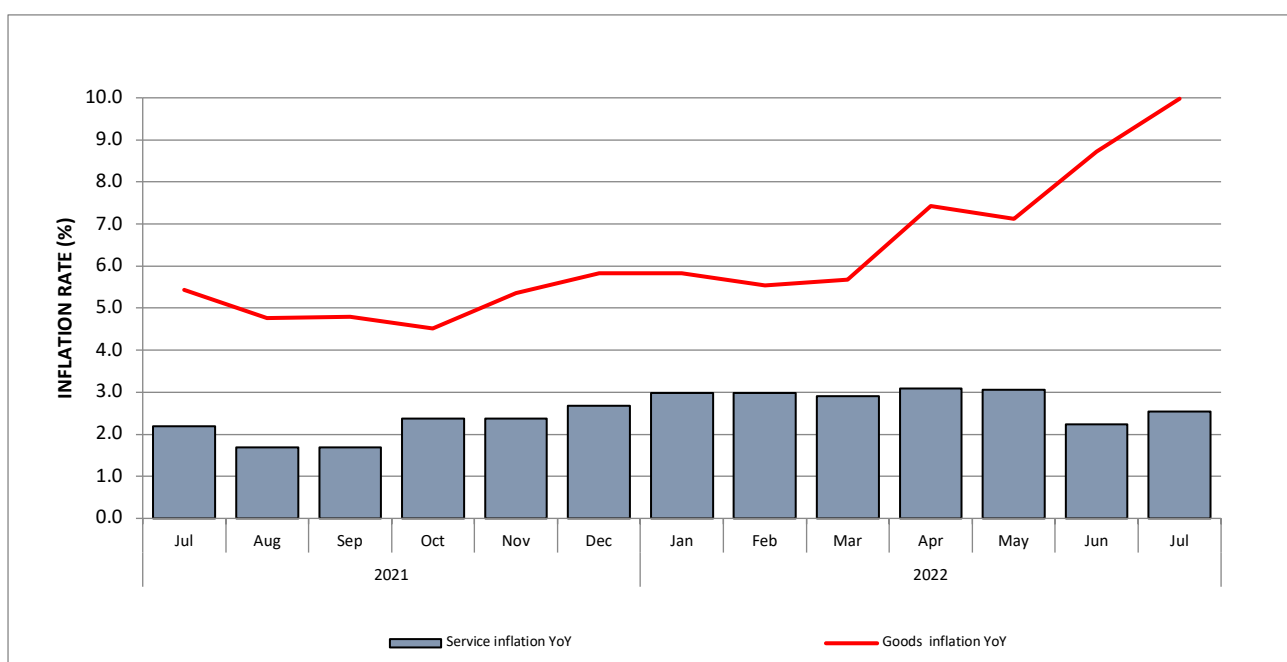
Prices for Alcoholic beverages rose by 5.4 percent in July 2022, compared to 1.1 percent recorded in July 2021. The increase in the price levels of this subcomponent emanated mainly from subcategories of White spirits that increased by 19.4 percent compared to 9.4 percent in July 2021.

Goods and Services inflation rates

During the month of July 2022, the annual inflation rate for Goods increased by 10.0 percent compared to 5.4 percent registered during the same period last year. The annual inflation rate for Services rose by 2.5 percent in July 2022 compared to 2.2 percent recorded in July 2021.

The monthly inflation rate for Goods rose by 1.4 percent in July 2022 compared to 1.7 percent registered during the previous month. The monthly inflation for Services stood at 0.4 percent in July 2022, compared to 0.0 percent registered a month earlier.

Chart 1: Goods and Services annual inflation rates (July 2021 - July 2022)



Inflation rates by Zones

The NCPI is designed to cover the entire economic territory of the country and includes national, urban and rural households of all income groups as derived from the Namibia Household Income and Expenditure Survey (NHIES). For the compilation of the National CPI, all administrative regions of the country were grouped into three Zones, with each zone considered as one geographic area as follows: **Zone 1** (Kavango East, Kavango West, Kunene, Ohangwena, Omusati, Oshana, Oshikoto, Otjozondjupa, and Zambezi); **Zone 2** (Khomas) and **Zone 3** (//Karas, Erongo, Hardap and Omaheke).

Table 1: Zonal annual inflation rates - July 2022

	Zone 1	Zone 2	Zone 3
Jul-21	3.8	3.6	5.0
Aug - 21	3.1	3.1	4.5
Sep - 21	3.1	3.1	4.6
Oct - 21	3.2	3.3	4.7
Nov - 21	4.0	3.7	4.9
Dec-21	4.2	4.2	5.5
Jan-22	4.1	5.3	4.4
Feb - 22	3.9	5.3	4.1
Mar - 22	3.8	5.3	4.4
Apr-22	5.1	6.3	5.3
May-22	4.8	6.3	5.1
Jun-22	5.6	6.7	5.6
Jul-22	6.2	7.7	6.6

Zone 1 - The annual inflation rate increased by 6.2 percent in July 2022 compared to 3.8 percent registered in July 2021. The increase in the annual inflation rate resulted mainly from increases in the price levels of Transport (from 12.8% to 19.0%); Clothing and footwear (from -3.5% to 2.2%); Alcoholic beverages and tobacco (from -0.8% to 3.8%) and Food and non-alcoholic beverages (from 5.4% to 8.6%).

On a monthly basis, the inflation rate for July 2022 stood at 0.7 percent compared to 1.1 percent recorded a month earlier.

Zone 2 - The annual inflation rate for July 2022 increased by 7.7 percent compared to 3.6 percent recorded during the same period of 2021. The increase was mainly as result of increases in the price levels of Hotels, cafés, and restaurants (from -0.1% to 12.9%); Transport (from 9.0% to 21.5%); and Furnishing, household equipment and routine maintenance of the house (from 5.2% to 15.6%).

On a monthly basis, the inflation rate rose to 1.1 percent compared to 0.9 percent recorded last month.

Zone 3 - The annual inflation rate increased by 6.6 percent in July 2022 from 5.0 percent recorded during the same period of the preceding year. The increase in the annual inflation rate emanated mainly from increases in the price levels of Transport (from 9.2% to 23.4%); Education (from 0.8% to 7.0%); and Furnishing, household equipment and routine maintenance of the house (from 2.4% to 4.8%).

On a monthly basis, the inflation rate for July 2022 remained unchanged at 1.1 percent when compared to a month earlier.

Zonal average prices on selected products

More than 9000 prices of goods and services are collected monthly from more than 900 retail outlets in 8 localities. Analysis of the average retail prices of selected products for the month of July 2022 revealed that consumers in Zone 2 paid the highest price for Brown Bread at N\$12.46 followed by Zone 3 at N\$11.91, while consumers in Zone 1 paid the lowest price of N\$11.48. For Pure Sunflower Oil (750ml), consumers in Zone 1 paid the lowest price at N\$39.97, while the highest price was paid by consumers residing in Zone 2 at N\$43.22.

Table 2: Average prices on selected products - July 2022

Item	Unit of Measurement	Zone 1	Zone 2	Zone 3
White bread	Each	10.87	12.42	12.07
Brown bread	each	11.48	12.46	11.91
Chicken, frozen assorted pieces	1.5kg	69.49	72.87	74.77
Eggs	Pack of 6	18.45	20.56	20.35
Citrus Fruits	Per kg			
Oranges, loose	Per kg	26.09	27.44	25.87
Grapefruit: loose	Per kg	44.87	35.03	36.99
Lemons: loose	Per kg	23.94	19.99	20.80
Pure Sunflower oil	750ml	39.97	43.22	41.99
Brown sugar	1kg	17.97	19.53	18.99
Honey	500g	77.69	74.69	77.00
Beef	Per kg			
Stewing Beef	Per kg	85.74	85.39	91.12
Rump steak	Per kg	136.13	174.02	169.64
Fillet steak	Per kg	216.47	238.21	202.64
Beef brisket	Per kg	90.00	117.75	106.74
Beer (local)	330ml	11.44	13.10	11.79

BOX 3: NCPI basket weights

Inflation is calculated based on a basket of goods and services, containing a representative sample of the goods and or services commonly consumed in a country, and weighted in accordance with the relative percentage of expenditure allotted to each of the said goods at household level. The price of these goods and services are then tracked over time, to illustrate the change in the cost of living over time. As spending patterns change, new products and services are added to the basket, and the basket is reweighted to better capture the current spending patterns of the consumer at the current point in time.

As such, the inflation basket is generally reconstituted every five years. In Namibia, the basket was last rebased in 2013, using household expenditure data collected in the 2009/10 Household Income and Expenditure Survey. The basket now contains over 350 items, grouped into 12 categories and 55 sub-categories, for which prices are collected monthly from more than 900 retail outlets.

Namibian inflation is largely determined by three categories of the overall NCPI basket, namely: (i) *Housing, water, electricity, gas, and other fuels*, (ii) *Food and non-alcoholic beverages* and (iii) *Transport*, which cumulatively make up just under 60 percent of the total inflation basket. Additionally, following the rebasing of the NCPI basket in 2013, “*Alcoholic beverages and tobacco*” make up additional 12.6 percent of the basket, meaning that the four largest categories represent well over 70 percent of the total basket. As such, a large increase in inflation in these categories has a greater impact on the overall inflation than increases in the lower weighted categories. Thus, it is rare to see major increases in overall inflation attributed to the lower weighted categories, despite the fact that these categories may have seen relatively high inflation in their own right.

CATEGORY	WEIGHT %
Housing, Water, Electricity, Gas and Other Fuels	28.4
Food and Non-Alcoholic Beverages	16.5
Transport	14.3
Alcoholic Beverages and Tobacco	12.6
Furnishing, Household Equipment...	5.5
Miscellaneous Goods and Services	5.4
Communications	3.8
Education	3.7
Recreation and Culture	3.6
Clothing and Footwear	3.1
Health	2.0
Hotels, Cafés and Restaurants	1.4

BOX 4: Zonal NCPI weights

		Weights		
	NCPI MAIN GROUPS	ZONE 1	ZONE 2	ZONE 3
1	Food and non-alcoholic beverages	20.4	12.3	16.5
2	Alcoholic beverages and tobacco	13.1	11.0	14.3
3	Clothing and footwear	3.9	2.4	2.6
4	Housing, water, electricity, gas and other fuels	25.8	32.7	25.5
5	Furnishings, household equipment and routine maintenance of the house	5.8	5.2	5.3
6	Health	1.6	2.3	2.2
7	Transport	14.7	13.0	15.6
8	Communications	3.5	3.8	4.4
9	Recreation and culture	2.2	4.8	3.7
10	Education	3.2	4.5	3.1
11	Hotels, cafes and restaurants	0.9	2.0	1.1
12	Miscellaneous goods and services	4.8	5.8	5.6
	All items	100.0	100.0	100.0

ANNEXURE

Annex A: NCPI: All Items Index, monthly and annual percentage changes July 2022

		Index	m-o-m	y-o-y
2021	Jan	143.1	0.9	2.7
	Feb	143.7	0.4	2.7
	Mar	144.4	0.5	3.1
	Apr	144.9	0.4	3.9
	May	145.3	0.3	3.8
	Jun	146.0	0.5	4.1
	Jul	146.2	0.2	4.0
	Aug	146.0	-0.2	3.4
	Sep	146.5	0.3	3.5
	Oct	146.8	0.2	3.6
	Nov	147.6	0.6	4.1
	Dec	148.2	0.4	4.5
	An. Av	145.7	0.4	3.6
2022	Jan	149.7	1.1	4.6
	Feb	150.1	0.2	4.5
	Mar	150.9	0.5	4.5
	Apr	153.0	1.4	5.6
	May	153.1	0.1	5.4
	Jun	154.7	1.0	6.0
	Jul	156.2	1.0	6.8

Table 2: NCPI for July 2022 by main groups and sub-groups (Dec.2012=100)							
0.0	ALL ITEMS	Weights	CPI		Inflation Rate		
			Jul-21	Jun-22	Jul-22	m-o-m	y-o-y
		100.00	146.2	154.7	156.2	1.0	6.8
0.0	GOODS	57.7	149.6	162.3	164.5	1.4	10.0
	SERVICES	42.3	141.8	144.8	145.4	0.4	2.5
01	FOOD AND NON-ALCOHOLIC BEVERAGES	16.45	164.8	177.0	178.5	0.8	8.4
	Food	14.78	167.1	179.9	181.2	0.7	8.4
	Bread and cereals	4.84	148.0	158.4	161.2	1.8	8.9
	Meat	3.53	184.1	193.1	191.0	-1.1	3.7
	Fish	0.81	165.0	174.2	176.2	1.1	6.8
	Milk, cheese and eggs	1.17	157.1	168.2	169.1	0.5	7.6
	Oils and fats	0.78	165.7	206.8	209.5	1.3	26.5
	Fruit	0.33	221.8	269.6	276.2	2.4	24.5
	Vegetables including potatoes and other tubers	1.23	198.9	209.9	212.0	1.0	6.6
	Sugar, jam, honey, syrups, chocolate and confectionery	1.44	167.2	180.3	182.5	1.2	9.2
	Food products n.e.c.	0.65	151.1	159.3	161.2	1.2	6.7
	Non-alcoholic beverages	1.66	143.8	152.0	155.1	2.0	7.9
	Coffee, tea and cocoa	0.31	182.2	190.5	197.2	3.5	8.3
	Mineral waters, soft drinks and juices	1.35	134.9	143.2	145.3	1.5	7.7
02	ALCOHOLIC BEVERAGES AND TOBACCO	12.59	159.6	167.5	168.2	0.4	5.4
	Alcoholic beverages	9.99	163.5	171.7	172.3	0.4	5.4
	Tobacco	2.61	144.7	151.6	152.5	0.6	5.4

03	CLOTHING AND FOOTWEAR	3.05	96.0	95.9	96.4	0.5	0.3
	Clothing	2.04	101.8	101.9	102.4	0.5	0.5
	Clothing materials	0.07	154.0	156.8	156.8	0.0	1.8
	Ready-made clothing	1.93	99.4	99.3	99.8	0.5	0.4
	Men's clothing	0.58	99.6	99.1	99.5	0.4	-0.1
	Women's clothing	0.70	88.3	86.4	87.1	0.8	-1.3
	Children's clothing	0.66	109.3	111.1	111.6	0.5	2.2
	Boys' clothing	0.24	105.6	107.0	107.1	0.0	1.4
	Girls' clothing	0.33	110.0	113.3	113.5	0.2	3.2
	Infants' clothing	0.09	117.9	116.1	118.9	2.4	0.9
	Other articles of clothing and clothing accessories	0.05	127.5	131.0	131.3	0.2	3.0
	Dry cleaning, repair and hire of clothing	0.00	134.5	148.6	149.3	0.5	11.0
	Footwear	1.01	84.2	83.7	84.2	0.5	-0.1
	Adult footwear	0.80	74.8	73.0	73.2	0.3	-2.1
	Children's footwear	0.20	119.4	123.7	124.8	0.9	4.6
	Repair of footwear	0.01	134.4	141.8	143.7	1.3	6.9
04	HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	28.36	135.0	136.9	137.4	0.4	1.8
	Rental payments for dwelling (both owners and renters)	23.3	128.5	130.3	130.3	0.0	1.4
	Regular maintenance and repair of dwelling	0.2	154.6	161.9	164.7	1.7	6.5
	Water supply, sewerage service and refuse collection	1.0	187.1	192.2	196.8	2.4	5.2
	Electricity gas and other fuels	3.9	159.4	160.4	163.0	1.6	2.3

05	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE MAINTENANCE OF THE HOUSE	5.5	136.8	147.1	147.6	0.4	7.9
	Furniture, furnishings, decorations, carpets, floor coverings, incl. repairs	1.8	104.6	103.5	103.3	-0.2	-1.3
	Furniture and furnishings	1.7	102.6	101.4	101.2	-0.2	-1.4
	Carpets and other floor coverings	0.1	127.8	128.6	127.6	-0.8	-0.2
	Repair of furnishings and floor coverings	0.0	206.8	200.8	207.4	3.3	0.3
	Household textiles	0.7	155.8	158.8	158.3	-0.4	1.6
	Heating and cooking appliances, refrigerators, washing machines and similar major household appliances, etc	0.9	133.2	142.7	141.8	-0.6	6.5
	Glassware, tableware and household utensils	0.2	174.0	177.0	178.1	0.7	2.4
	Tools and equipment for house and garden	0.4	139.9	145.2	145.2	0.0	3.8
	Goods and services for routine household maintenance	1.4	164.1	196.3	199.5	1.6	21.6
06	HEALTH	2.0	144.4	147.1	146.9	-0.2	1.7
	Medical products, appliances and equipment	0.8	141.3	147.0	146.4	-0.4	3.6

		Outpatient Services, medical, dental and paramedical Hospital services	1.0	155.6	156.2	156.2	0.0	0.4
			0.2	100.0	100.0	100.0	0.0	0.0
07	TRANSPORT		14.3	148.8	174.7	180.0	3.0	20.9
		Purchase of vehicles	2.9	179.0	186.5	188.3	0.9	5.2
		Operation of personal transport equipment	9.0	136.2	176.8	184.6	4.4	35.5
		Public transportation services	2.4	159.7	153.0	153.1	0.1	-4.1
08	COMMUNICATIONS		3.8	112.4	111.9	111.7	-0.2	-0.7
09	RECREATION AND CULTURE		3.6	145.8	152.0	153.1	0.7	5.1
		Audio-visual, photographic and data processing equip. incl. repairs	1.2	128.1	131.9	132.9	0.8	3.8
		Other major durables for recreation and culture	0.1	154.3	164.4	164.4	0.0	6.5
		Other recreational items and equipment; flowers, gardens and pets	0.5	142.7	153.3	153.6	0.2	7.6
		Recreation and cultural services	0.8	147.4	152.5	152.6	0.1	3.6

10	EDUCATION	Newspapers, books and stationery	0.9	161.2	166.0	167.3	0.8	3.8
		Package holidays	0.1	200.2	230.0	243.1	5.7	21.4
			3.6	180.5	186.1	186.1	0.0	3.1
		Pre-primary education (ages 2 to 6 years)	0.2	207.6	210.9	210.9	0.0	1.6
		Primary (private) and Secondary education (ages 7 to 17 years)	1.4	197.1	204.8	204.8	0.0	3.9
		Tertiary education	2.0	165.2	169.6	169.6	0.0	2.6
11	HOTELS, CAFES AND RESTAURANTS		1.4	150.6	163.0	165.4	1.5	9.8
		Catering	0.7	157.0	161.6	162.7	0.7	3.7
		Accommodation services	0.6	143.3	164.7	168.5	2.3	17.6
12	MISCELLANEOUS GOODS AND SERVICES		5.4	148.7	150.1	153.2	2.0	3.0
		Personal care	1.4	144.9	148.4	149.6	0.8	3.2
		Personal effects n.e.c.	1.0	120.5	122.3	123.0	0.6	2.0
		Insurance	0.7	106.9	108.4	108.4	0.0	1.3
		Financial services n.e.c.	0.9	236.7	236.7	251.7	6.3	6.3
		Other services n.e.c.	1.3	135.4	135.0	135.0	0.0	-0.3

Annex C: Zonal CPI: All-Items Index, monthly and annual percentage changes (Dec 2012 =100)

Zones		Zone 1			Zone 2			Zone 3		
Period		Index	m-o-m	y-o-y	Index	m-o-m	y-o-y	Index	m-o-m	y-o-y
2020	Jan	139.7	1.2	2.7	135.1	0.2	1.0	146.1	0.5	2.7
	Feb	139.6	-0.1	2.8	136.1	0.8	2.1	146.5	0.3	2.5
	Mar	139.5	0.0	2.6	136.3	0.2	2.0	146.7	0.2	2.5
	Apr	139.0	-0.4	2.1	135.8	-0.4	0.8	146.5	-0.2	2.2
	May	139.4	0.3	2.3	136.4	0.5	1.9	146.8	0.2	1.9
	Jun	139.7	0.2	2.4	136.7	0.2	2.1	147.0	0.1	1.8
	Jul	140.0	0.2	2.1	137.1	0.3	2.5	147.0	0.0	1.5
	Aug	140.7	0.5	2.5	137.7	0.5	2.9	147.4	0.2	1.5
	Sep	141.2	0.4	2.5	138.0	0.2	2.6	148.0	0.4	1.9
	Oct	141.4	0.1	2.6	138.0	-0.1	2.4	148.1	0.1	1.8
	Nov	141.4	0.0	2.0	138.1	0.1	2.6	148.5	0.3	2.1
	Dec	141.3	-0.1	2.3	138.1	0.0	2.4	148.8	0.2	2.3
	An. Av	140.2	0.2	2.4	137.0	0.2	2.1	147.3	0.2	2.1
2021	Jan	142.2	0.6	1.7	139.5	1.0	3.2	150.9	1.3	3.2
	Feb	142.8	0.5	2.4	139.7	0.2	2.6	151.5	0.5	3.5
	Mar	143.6	0.5	2.9	140.4	0.5	3.0	152.1	0.4	3.7
	Apr	144.1	0.4	3.7	140.8	0.3	3.7	152.9	0.5	4.4
	May	144.6	0.3	3.7	141.0	0.2	3.4	153.3	0.3	4.4
	Jun	145.2	0.4	3.9	141.8	0.5	3.7	154.2	0.6	4.9
	Jul	145.4	0.1	3.8	142.0	0.2	3.6	154.4	0.2	5.0
	Aug	145.1	-0.2	3.1	142.0	0.0	3.1	154.1	-0.2	4.5
	Sep	145.6	0.4	3.1	142.3	0.2	3.1	154.8	0.5	4.6
	Oct	146.0	0.2	3.2	142.5	0.1	3.3	155.1	0.2	4.7
	Nov	147.0	0.7	4.0	143.2	0.5	3.7	155.8	0.5	4.9
	Dec	147.2	0.1	4.2	143.9	0.5	4.2	156.9	0.7	5.5
	An. Av	144.9	0.3	3.3	141.4	0.3	3.4	153.8	0.4	4.4
2022	Jan	147.9	0.5	4.1	146.8	2.0	5.3	157.5	0.4	4.4
	Feb	148.4	0.3	3.9	147.2	0.2	5.3	157.7	0.1	4.1
	Mar	149.1	0.5	3.8	147.8	0.5	5.3	158.8	0.7	4.4
	Apr	151.5	1.6	5.1	149.7	1.3	6.3	160.9	1.3	5.3
	May	151.6	0.0	4.8	149.9	0.1	6.3	161.1	0.1	5.1
	Jun	153.3	1.1	5.6	151.2	0.9	6.7	162.8	1.1	5.6
	Jul	154.4	0.7	6.2	152.9	1.1	7.7	164.6	1.1	6.6

Annex D: Background of the Zonal Consumer Price Index

The NCPI is designed to cover the entire economic territory of the country and includes national, urban and rural households of all income groups as derived from the Namibia Household Income and Expenditure Survey (NHIES). For the compilation of the National CPI, all administrative regions of the country were grouped into three Zones, with each zone considered as one geographic area as follows.

Zone 1 covers the expenditure patterns of the regions in the northern part of the country namely Kavango East, Kavango West, Kunene, Ohangwena, Omusati, Oshana, Oshikoto, Otjozondjupa and Zambezi. Prices are collected from the following towns: Katima Mulilo (76 retail outlets covering mainly the Central Business District); Oshakati (107 retail outlets covering mainly Game Shopping Center, Yetu Shopping Center, Oshana Mall, Marula Mall and Ongwediva); and Otjiwarongo (114 retail outlets covering mainly the Central Business District, Orwetoveni, and the Industrial Area).

Zone 2 covers the expenditure patterns of Khomas region, and the price collection covers Windhoek (218 retail outlets covering mainly Khomasdal, Katutura, Northern Industrial Area, Southern Industrial Area, Pioneers Park, Hochland Park, Prosperita, Klein Windhoek, Eros and Kleine Kuppe).

Zone 3 covers the expenditure patterns of //Karas, Erongo, Hardap, and Omaheke regions with prices being collected from Keetmanshoop (86 retail outlets covering mainly Central Business District, West Dene and Tseiblagte); Swakopmund (108 retail outlets covering Central Business District, Mondesa, Tamariskia, Industrial Area); Mariental (61 retail outlets covering mainly Central Business District and Ombili); as well as Gobabis (59 retail outlets mainly covering the Central Business District), respectively.

The localities identified for price collection were selected based on a mixed criterion of:

- i. the relative importance of the locality as determined by its relative share exceeding 30 percent of the total household expenditure at national level;
- ii. geographic distribution of economic activities; and
- iii. Regional capitals

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