



stats sa

Department:
Statistics South Africa
REPUBLIC OF SOUTH AFRICA

Private Bag X44, Pretoria, 0001, South Africa, ISibalo House, Koch Street, Salvokop, Pretoria, 0002
www.statssa.gov.za, info@statssa.gov.za, Tel +27 12 310 8911

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Consumer Price Index

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Marietjie Bennett
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KEY FINDINGS

Headline consumer price index (CPI for all urban areas)

Annual consumer price inflation was 7,1% in March 2023, up from 7,0% in February 2023. The consumer price index increased by 1,0% month-on-month in March 2023.

The main contributors to the 7,1% annual inflation rate were food and non-alcoholic beverages; housing and utilities; transport; and miscellaneous goods and services.

Food and non-alcoholic beverages increased by 14,0% year-on-year, and contributed 2,4 percentage points to the total CPI annual rate of 7,1%.

Housing and utilities increased by 4,0% year-on-year, and contributed 1,0 percentage point.

Transport increased by 8,9% year-on-year, and contributed 1,3 percentage points.

Miscellaneous goods and services increased by 5,9% year-on-year, and contributed 0,9 of a percentage point.

In March the annual inflation rate for goods was 9,4%, down from 9,5% in February; and for services it was 4,5% down from 4,6% in February.

Note: Not all items in the CPI are surveyed every month. Table F shows the survey schedule for items that are not surveyed monthly. Additional surveys are conducted for these items when Stats SA is aware of significant price changes outside regular survey months.

Risenga Maluleke
Statistician-General

IMPORTANT NOTES**The collection of price data from retail stores**

Stats SA obtains prices from retailers through fieldwork collection. The paper forms used by fieldworkers are being replaced by tablets, which provide a custom application that includes quality control and management modules. The new collection method for fieldwork was implemented from July 2022 to March 2023 and is expected to improve the quality and speed of data collection and processing.

Update of the CPI basket and weights

Stats SA will update the CPI basket of goods and services and respective weights in the January 2025 CPI release. This update will mainly be based on the results of the income and expenditure survey which began fieldwork in November 2022.

DETAILED RESULTS

Table A - Consumer price index: Main indices

Unless otherwise stated the table refers to all urban areas.

Group		Weight	Index (Dec 2021=100)			Percentage change		
			Mar 2022	Feb 2023	Mar 2023	Mar 2023 vs. Feb 2023	Mar 2023 vs. Mar 2022	
All items (CPI Headline)		100,00	101,8	107,9	109,0	1,0	7,1	
CPI excluding food and NAB, fuel and energy		74,40	101,5	105,9	106,8	0,8	5,2	
Trimmed mean		..	101,5	106,8	107,6	0,7	6,0	
Analytical series	CPI for all goods	48,68	102,4	110,6	112,0	1,3	9,4	
	CPI for durable goods	7,59	101,1	106,6	107,1	0,5	5,9	
	CPI for semi-durable goods	5,38	100,7	104,2	104,9	0,7	4,2	
	CPI for non-durable goods	35,71	102,8	111,8	113,6	1,6	10,5	
	CPI for services	51,32	101,3	105,2	105,9	0,7	4,5	
	CPI for administered prices	Total	16,42	102,9	106,8	109,3	2,3	6,2
		Regulated	11,89	102,9	107,8	109,8	1,9	6,7
		Not regulated	4,53	102,7	104,2	107,8	3,5	5,0
	CPI excluding administered prices	83,78	101,6	108,1	108,9	0,7	7,2	
	CPI for administered prices excluding fuel and paraffin	11,54	101,1	105,0	106,4	1,3	5,2	
	CPI excluding food and NAB	82,86	101,7	106,3	107,3	0,9	5,5	
	CPI excluding fuel	95,17	101,6	107,7	108,6	0,8	6,9	
	CPI excluding food and NAB and fuel	78,03	101,4	106,0	106,8	0,8	5,3	
	CPI excluding housing	75,51	102,3	109,1	110,4	1,2	7,9	
	CPI excluding fuel and energy	91,54	101,6	107,7	108,6	0,8	6,9	
	CPI excluding energy	96,37	101,9	107,9	109,0	1,0	7,0	
CPI excluding owners' equivalent rent	87,00	102,0	108,6	109,8	1,1	7,6		
CPI for pensioners	..	101,7	108,5	109,5	0,9	7,7		
Geographic indices	CPI for total country	100,00	101,9	108,2	109,3	1,0	7,3	
	CPI for rural areas	12,26	102,3	110,7	111,7	0,9	9,2	
	CPI per province	Western Cape	17,21	101,6	107,7	108,8	1,0	7,1
		Eastern Cape	8,03	102,1	109,1	110,2	1,0	7,9
		Northern Cape	1,93	101,7	108,6	109,6	0,9	7,8
		Free State	5,95	101,9	109,5	110,6	1,0	8,5
		KwaZulu-Natal	12,68	101,9	108,9	109,9	0,9	7,9
		North West	5,31	101,9	108,2	109,2	0,9	7,2
		Gauteng	36,29	101,9	107,6	108,6	0,9	6,6
Mpumalanga	6,89	102,0	109,0	110,1	1,0	7,9		
Limpopo	5,71	102,4	109,1	110,0	0,8	7,4		
Deciles	CPI per expenditure decile	1	0,48	101,9	112,4	113,4	0,9	11,3
		2	1,10	101,9	111,8	112,8	0,9	10,7
		3	1,85	101,7	110,1	111,1	0,9	9,2
		4	2,78	101,6	108,8	109,9	1,0	8,2
		5	3,88	101,6	108,5	109,6	1,0	7,9
		6	5,58	101,6	108,1	109,1	0,9	7,4
		7	7,90	101,7	108,0	109,1	1,0	7,3
		8	11,27	101,7	107,9	109,0	1,0	7,2
		9	16,45	101,9	108,0	109,1	1,0	7,1
		10	48,71	102,0	107,4	108,5	1,0	6,4

Table B - CPI headline

Table B1 - CPI headline index numbers (Dec 2021=100)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average ¹
2019	87,9	88,6	89,4	89,9	90,2	90,5	90,8	91,1	91,3	91,3	91,4	91,6	90,3
2020	91,9	92,8	93,1	92,6	92,0	92,5	93,7	93,9	94,0	94,3	94,3	94,4	93,3
2021	94,8	95,4	96,1	96,7	96,8	97,0	98,1	98,5	98,7	99,0	99,4	100,0	97,5
2022	100,2	100,8	101,8	102,4	103,1	104,2	105,8	106,0	106,1	106,5	106,8	107,2	104,2
2023	107,1	107,9	109,0	..	..	..	..	..	..	..	..	..	..

Table B2 - CPI headline year-on-year rates

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average ¹
2019	4,0	4,1	4,5	4,4	4,5	4,5	4,0	4,3	4,1	3,7	3,6	4,0	4,1
2020	4,5	4,6	4,1	3,0	2,1	2,2	3,2	3,1	3,0	3,3	3,2	3,1	3,3
2021	3,2	2,9	3,2	4,4	5,2	4,9	4,6	4,9	5,0	5,0	5,5	5,9	4,5
2022	5,7	5,7	5,9	5,9	6,5	7,4	7,8	7,6	7,5	7,6	7,4	7,2	6,9
2023	6,9	7,0	7,1	..	..	..	..	..	..	..	..	..	..

¹ Annual average.

Figure 1 - CPI headline index numbers and year-on-year rates

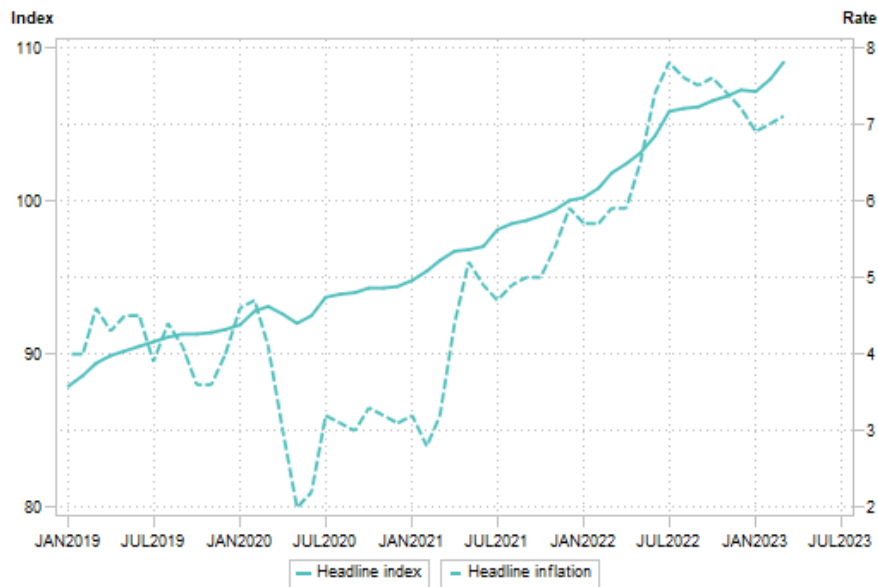


Table C - Contributions of the different groups to the annual percentage change in the CPI headline

Group	Contribution	
	Feb 2023	Mar 2023
Food and non-alcoholic beverages	2,3	2,4
Alcoholic beverages and tobacco	0,4	0,4
Clothing and footwear	0,1	0,1
Housing and utilities	1,0	1,0
Household contents and services	0,3	0,3
Health	0,1	0,1
Transport	1,4	1,3
Recreation and culture	0,2	0,2
Education	0,1	0,2
Restaurants and hotels	0,2	0,2
Miscellaneous goods and services	0,9	0,9
All Items	7,0	7,1

Table D - Contributions of the different groups to the monthly percentage change in the CPI headline

Group	Contribution	
	Feb 2023	Mar 2023
Food and non-alcoholic beverages	0,2	0,2
Alcoholic beverages and tobacco	0,0	0,1
Housing and utilities	0,0	0,1
Transport	0,1	0,3
Education	0,0	0,1
Restaurants and hotels	0,1	0,0
Miscellaneous goods and services	0,3	0,0
Residual	0,0	0,2
All Items	0,7	1,0

Table E - Consumer price indices for all urban areas

Group		Weight	Index (Dec 2021=100)			Percentage change		
			Mar 2022	Feb 2023	Mar 2023	Mar 2023 vs. Feb 2023	Mar 2023 vs. Mar 2022	
All items (CPI Headline)		100,00	101,8	107,9	109,0	1,0	7,1	
Food and non-alcoholic beverages	Food	17,14	102,4	115,6	116,7	1,0	14,0	
		15,30	102,4	115,9	117,1	1,0	14,4	
		Processed	8,57	102,9	118,4	119,6	1,0	16,2
		Unprocessed	6,73	101,9	113,6	114,7	1,0	12,6
		Bread and cereals	3,16	103,9	123,9	125,0	0,9	20,3
		Meat	5,42	101,9	112,7	112,7	0,0	10,6
		Fish	0,40	103,4	115,2	114,5	-0,6	10,7
		Milk, eggs and cheese	2,53	101,1	112,7	114,9	2,0	13,6
		Oils and fats	0,45	104,2	121,7	120,9	-0,7	16,0
		Fruit	0,33	101,3	105,7	106,6	0,9	5,2
		Vegetables	1,27	103,1	119,7	124,2	3,8	20,5
		Sugar, sweets and desserts	0,58	101,3	110,0	112,1	1,9	10,7
	Other food	1,16	102,2	116,5	118,3	1,5	15,8	
	Non-alcoholic beverages	1,84	102,7	112,3	113,3	0,9	10,3	
	Hot beverages	0,67	104,7	116,2	116,9	0,6	11,7	
	Cold beverages	1,17	101,5	110,0	111,3	1,2	9,7	
Alcoholic beverages and tobacco	Alcoholic beverages	6,26	102,8	106,9	109,2	2,2	6,2	
		4,29	103,1	107,5	110,0	2,3	6,7	
		Spirits	0,94	103,3	108,7	112,4	3,4	8,8
		Wine	1,14	101,6	107,5	110,4	2,7	8,7
		Beer	2,21	103,8	107,0	108,7	1,6	4,7
	Tobacco	1,97	102,1	105,5	107,6	2,0	5,4	
Clothing and footwear		3,65	100,5	103,5	103,4	-0,1	2,9	
	Clothing	2,64	100,6	103,8	103,6	-0,2	3,0	
	Footwear	1,01	100,5	102,7	103,0	0,3	2,5	
Housing and utilities		24,49	100,5	104,1	104,5	0,4	4,0	
	Actual rentals for housing	3,50	100,6	102,5	103,1	0,6	2,5	
	Owners' equivalent rent	12,99	100,6	102,8	103,3	0,5	2,7	
	Maintenance and repair	0,84	101,7	107,2	108,1	0,8	6,3	
	Water and other services	3,46	100,2	105,7	105,7	0,0	5,5	
	Electricity and other fuels	3,70	100,1	108,3	108,3	0,0	8,2	
Household contents and services		4,37	100,8	106,6	107,8	1,1	6,9	
	Furnishings, floor coverings and textiles	0,82	100,8	103,1	104,6	1,5	3,8	
	Appliances, tableware and equipment	0,67	101,6	108,6	109,4	0,7	7,7	
	Supplies and services		2,88	100,6	107,1	108,3	1,1	7,7
		Domestic workers' wages	2,53	100,3	104,2	105,5	1,2	5,2
Health		1,44	103,7	108,5	109,1	0,6	5,2	
	Medical products	0,57	101,7	105,1	106,5	1,3	4,7	
	Medical services	0,87	105,0	110,8	110,8	0,0	5,5	

Table E - Consumer price indices for all urban areas (concluded)

Group			Weight	Index (Dec 2021=100)			Percentage change		
				Mar 2022	Feb 2023	Mar 2023	Mar 2023 vs. Feb 2023	Mar 2023 vs. Mar 2022	
Transport			14,35	103,7	110,6	112,9	2,1	8,9	
	Purchase of vehicles		5,91	101,5	108,4	108,6	0,2	7,0	
	Private transport operation		6,01	106,1	110,8	115,0	3,8	8,4	
		Fuel		4,82	107,2	110,9	115,9	4,5	8,1
		Other running costs		1,19	101,9	110,5	111,6	1,0	9,5
Public transport		2,43	102,9	115,1	117,9	2,4	14,6		
Communication			2,42	99,7	99,8	99,7	-0,1	0,0	
	Postal services and telecommunication services		2,23	100,0	99,9	99,9	0,0	-0,1	
	Telecommunication equipment		0,19	95,6	97,7	97,5	-0,2	2,0	
Recreation and culture			5,20	100,4	103,3	104,2	0,9	3,8	
	Recreational equipment		1,28	100,9	103,4	104,9	1,5	4,0	
	Recreational and cultural services		3,14	100,1	102,4	102,4	0,0	2,3	
	Books, newspapers and stationery		0,61	100,3	104,8	110,5	5,4	10,2	
	Package holidays		0,17	104,0	113,8	110,7	-2,7	6,4	
Education			2,62	104,4	104,4	110,4	5,7	5,7	
	Primary and secondary		1,57	104,5	104,5	110,9	6,1	6,1	
	Tertiary		1,05	104,2	104,2	109,7	5,3	5,3	
Restaurants and hotels			3,25	103,0	108,8	109,6	0,7	6,4	
	Restaurants		2,20	101,8	108,5	109,1	0,6	7,2	
	Hotels		1,05	105,5	109,4	110,6	1,1	4,8	
Miscellaneous goods and services			14,81	101,9	107,7	107,9	0,2	5,9	
	Personal care		2,10	102,4	111,3	113,8	2,2	11,1	
	Insurance		9,89	101,8	108,2	107,8	-0,4	5,9	
	Financial services		1,53	102,9	105,2	105,5	0,3	2,5	
	Other goods and services		1,29	100,0	101,4	101,4	0,0	1,4	

Table F - Survey schedule for non-monthly surveys

Quarterly	
January, April, July, October	Gymnasium fees (Recreation and culture) Funeral expenses, funeral policies, gravestone maintenance (Miscellaneous)
February, May, August, December	Private-sector hospitals (Health) Rugby tickets (Recreation and culture) Cricket tickets (Recreation and culture) Soccer tickets (recreation and culture)
March, June, September, December	Actual rentals for housing, owners' equivalent rent (Housing and utilities) Domestic workers' wages (Household contents and services) Taxi fares, train fares (Transport) Motor vehicle insurance (Miscellaneous)
Biannual	
January, July	Building insurance, household content insurance (Miscellaneous)
February, April	Medical aid (Miscellaneous)
April, October	Television licences (Recreation and culture)
May, November	Electricians, plumbers (Housing and utilities)
July, August	Municipal charges for water, property rates and electricity (Housing and utilities)
Annual	
January	Post box rental (Communication) Lotto tickets (Recreation and culture)
February	Private-sector doctors and dentists (Health)
March	School and university tuition fees (Education) Toll fees (Transport) University boarding fees (Restaurants and hotels) Crèche fees (Miscellaneous)
April	Public-sector hospitals and doctors (Health) Stamps (Communication)
Other	
January, March, April, June, July, September, October, December	Local bus fares (Transport)

Additional surveys are conducted for these items when Stats SA is aware of significant price changes outside regular survey months.

GLOSSARY

A complete set of definitions is available in the sources and methods document on the Stats SA website

http://www.statssa.gov.za/?page_id=2528

Annual inflation rate / inflation rate	The annual inflation rate is the change in the index of the relevant month of the current year compared with the index of the same month in the previous year expressed as a percentage. The inflation rate is the annual change in the CPI index for all items.
Annual percentage change	The annual percentage change is the change in the index of the relevant month of the current year compared with the index of the same month in the previous year expressed as a percentage.
Average annual inflation rate	The average annual inflation rate is the change in the average index of one year compared with the average index of the previous year expressed as a percentage.
Average annual percentage change	The average annual percentage change is the change in the average index of one year compared with the average index of the previous year expressed as a percentage.
CPI for administered prices	An administered price is defined as the price of a product which is set consciously by an individual producer or group of producers and/or any price which can be determined or influenced by government, either directly or through a government agency/institution without reference to market forces. Products and services included are assessment rates, water, electricity, paraffin, petrol, diesel, public transport – trains, motor licences, motor registration, telephone fees, cell phone fees, television licence, school fees, university/technicians/colleges and university boarding fees.
CPI for regulated prices	Regulated prices are those administered prices that are monitored and controlled by government policy. To this end, price regulation does not necessarily imply the presence of an economic regulator, but the restriction on the extent to which prices may vary, depending on government's policy objective. Products and services included are water, electricity, paraffin, petrol, diesel, telephone fees and cell phone fees.
CPI per expenditure decile	Decile 1 - up to R20 140; Decile 2 - R20 141 up to R33 619; Decile 3 - R33 620 up to R48 673; Decile 4 - R48 674 up to R65 213; Decile 5 - R65 214 up to R84 698; Decile 6 - R84 699 up to R109 163; Decile 7 - R109 164 up to R143 174; Decile 8 - R143 175 up to R199 920; Decile 9 - R199 921 up to R312 246; and Decile 10 - R312 247 and more.
Monthly percentage change	The monthly percentage change is the change in the index of the relevant month compared with the index of the previous month expressed as a percentage.
Respondent response rate	The respondent response rate for March 2023 was 97,9%. The rate was calculated by means of the total number of outlets where prices were collected as a percentage of the total sample.
Rural CPI	The rural CPI is compiled using data from rural and urban areas in accordance with the purchasing patterns of rural residents.

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Enquiries

Technical enquiries	Marietjie Bennett, Patrick Kelly (012) 310 8077 / 310 8290
Telephone number	(012) 310 8077 / 310 8290 (survey area) (012) 310 8600 / 8390 / 8351 / 4892 / 8496 / 8095 (user) (012) 310 8490 (library)
Email	marietjieb@statssa.gov.za (technical enquiries) info@statssa.gov.za (user information services) distribution@statssa.gov.za (orders)
Postal address	Private Bag X44, Pretoria, 0001

Produced by Stats SA