

STATISTICAL RELEASE
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Consumer Price Index

July 2018

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KEY FINDINGS

Headline consumer price index (CPI for all urban areas)

Annual consumer price inflation was 5,1% in July 2018, up from 4,6% in June 2018. The consumer price index increased by 0,8% month-on-month in July 2018.

Table C (page 6) shows contributions to headline annual consumer price inflation.

- **Housing and utilities** increased from 1,0 percentage point in June 2018 to 1,3 percentage points in July. The index increased by 5,2% year-on-year.
- **Transport** increased from 1,0 percentage point in June 2018 to 1,4 percentage points in July. The index increased by 10,0% year-on-year.
- **Miscellaneous goods and services** decreased from 1,0 percentage point in June 2018 to 0,9 of a percentage point in July. The index increased by 5,7% year-on-year.

Table D (page 6) shows contributions to monthly consumer price inflation.

- **Housing and utilities** contributed 0,5 of a percentage point in July. The index increased by 2,3% month-on-month, mainly because of water and other services (10,2%) and electricity and other fuels (6,7%).
- **Transport** contributed 0,1 of a percentage point. The index increased by 1,0% month-on-month, mainly because of fuel (2,5%).

In July the CPI for **goods** increased by 5,3% year-on-year (up from 4,2% in June), and the CPI for **services** increased by 5,0% year-on-year (up from 4,9% in June).

Provincial annual inflation rates ranged from 4,0% in Limpopo to 5,9% in Western Cape (see Table A).

Note: VAT change in April 2018

The VAT rate changed from 14% to 15% from 1 April 2018. A media release regarding the VAT changes in the CPI is available on the Stats SA website (http://www.statssa.gov.za/?page_id=1307).

Note: Not all items in the CPI are surveyed every month. Table F (page 9) shows the survey schedule for items that are not surveyed monthly.

More detailed CPI data are now available

More detailed CPI data will be made available on the Stats SA website from this month with effect from today's release.

A press statement providing more information is available on the website under Press Statements.

The new time series will be made available together with the existing publication-level time series and will start with indices from January 2017, which is the start of the current basket and weights period.

This file is available from http://www.statssa.gov.za/?page_id=1847.

Risenga Maluleke
Statistician-General

DETAILED RESULTS

Table A - Consumer Price Index: Main indices

Unless otherwise stated the table refers to all urban areas.

Group		Weight	Index (Dec 2016=100)			Percentage change		
			Jul 2017	Jun 2018	Jul 2018	Jul 2018 vs. Jun 2018	Jul 2018 vs. Jul 2017	
All items (CPI Headline)		100,00	103,2	107,6	108,5	0,8	5,1	
CPI excluding food and NAB, fuel and energy		74,43	103,3	107,1	107,7	0,6	4,3	
Trimmed mean		..	102,5	106,9	107,3	0,4	4,7	
Analytical series	CPI for all goods	48,70	102,1	106,5	107,5	0,9	5,3	
	CPI for durable goods	7,81	100,4	101,6	101,8	0,2	1,4	
	CPI for semi-durable goods	5,68	100,6	102,0	102,0	0,0	1,4	
	CPI for non-durable goods	35,21	102,9	108,7	110,0	1,2	6,9	
	CPI for services	51,30	104,2	108,7	109,4	0,6	5,0	
	CPI for administered prices	Total	16,17	102,9	111,1	115,7	4,1	12,4
		Regulated	11,76	101,7	111,2	115,8	4,1	13,9
		Not regulated	4,41	106,1	110,8	115,3	4,1	8,7
	CPI excluding administered prices	83,83	103,2	106,9	107,1	0,2	3,8	
	CPI for administered prices excluding fuel and paraffin	11,54	104,0	106,6	111,9	5,0	7,6	
	CPI excluding food and NAB	82,76	103,1	107,8	108,7	0,8	5,4	
	CPI excluding fuel	95,42	103,3	106,9	107,7	0,7	4,3	
	CPI excluding food and NAB and fuel	78,18	103,2	106,9	107,8	0,8	4,5	
	CPI excluding housing	75,38	103,2	108,1	108,5	0,4	5,1	
	CPI excluding fuel and energy	91,67	103,3	107,1	107,6	0,5	4,2	
	CPI excluding energy	96,25	103,2	107,8	108,4	0,6	5,0	
CPI excluding owners' equivalent rent	86,68	103,3	107,8	108,8	0,9	5,3		
CPI for pensioners	..	103,3	107,8	108,8	0,9	5,3		
Geographic indices	CPI for total country	100,00	103,0	107,3	108,2	0,8	5,0	
	CPI for rural areas	12,23	102,2	105,4	106,0	0,6	3,7	
	CPI per province	Western Cape	17,25	103,2	108,5	109,3	0,7	5,9
		Eastern Cape	8,04	103,0	107,1	107,6	0,5	4,5
		Northern Cape	1,93	102,5	106,3	106,7	0,4	4,1
		Free State	5,93	102,8	107,4	107,7	0,3	4,8
		KwaZulu-Natal	12,70	102,7	106,4	107,3	0,8	4,5
		North West	5,31	102,2	105,9	106,5	0,6	4,2
		Gauteng	36,25	103,5	107,9	108,9	0,9	5,2
		Mpumalanga	6,89	102,5	106,2	106,7	0,5	4,1
Limpopo	5,70	102,6	106,1	106,7	0,6	4,0		
Deciles	CPI per expenditure decile	1	0,50	101,1	103,5	104,6	1,1	3,5
		2	1,13	101,8	104,4	105,3	0,9	3,4
		3	1,89	102,0	105,2	106,0	0,8	3,9
		4	2,81	102,2	105,5	106,2	0,7	3,9
		5	3,93	102,2	105,6	106,3	0,7	4,0
		6	5,61	102,4	106,0	106,5	0,5	4,0
		7	7,91	102,7	106,7	107,4	0,7	4,6
		8	11,30	102,9	107,2	108,1	0,8	5,1
		9	16,35	103,4	108,3	109,2	0,8	5,6
		10	48,57	103,4	108,2	109,1	0,8	5,5

Table B - CPI headline

Table B1 - CPI headline index numbers (Dec 2016=100)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average ¹
2014	85,1	86,0	87,2	87,6	87,7	88,0	88,7	89,0	89,0	89,2	89,2	89,0	88,0
2015	88,9	89,4	90,7	91,5	91,7	92,1	93,1	93,1	93,1	93,3	93,4	93,7	92,0
2016	94,4	95,7	96,4	97,2	97,4	97,9	98,7	98,6	98,8	99,3	99,6	100,0	97,8
2017	100,6	101,7	102,3	102,4	102,7	102,9	103,2	103,3	103,8	104,1	104,2	104,7	103,0
2018	105,0	105,8	106,2	107,0	107,2	107,6	108,5	..	..	..	..	..	..

Table B2 - CPI headline year-on-year rates

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average ¹
2014	5,8	5,9	6,0	6,1	6,6	6,6	6,3	6,4	5,9	5,9	5,8	5,3	6,1
2015	4,4	3,9	4,0	4,5	4,6	4,7	5,0	4,6	4,6	4,7	4,8	5,2	4,6
2016	6,2	7,0	6,3	6,2	6,1	6,3	6,0	5,9	6,1	6,4	6,6	6,8	6,4
2017	6,6	6,3	6,1	5,3	5,4	5,1	4,6	4,8	5,1	4,8	4,6	4,7	5,3
2018	4,4	4,0	3,8	4,5	4,4	4,6	5,1	..	..	..	..	..	..

¹ Annual average.

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

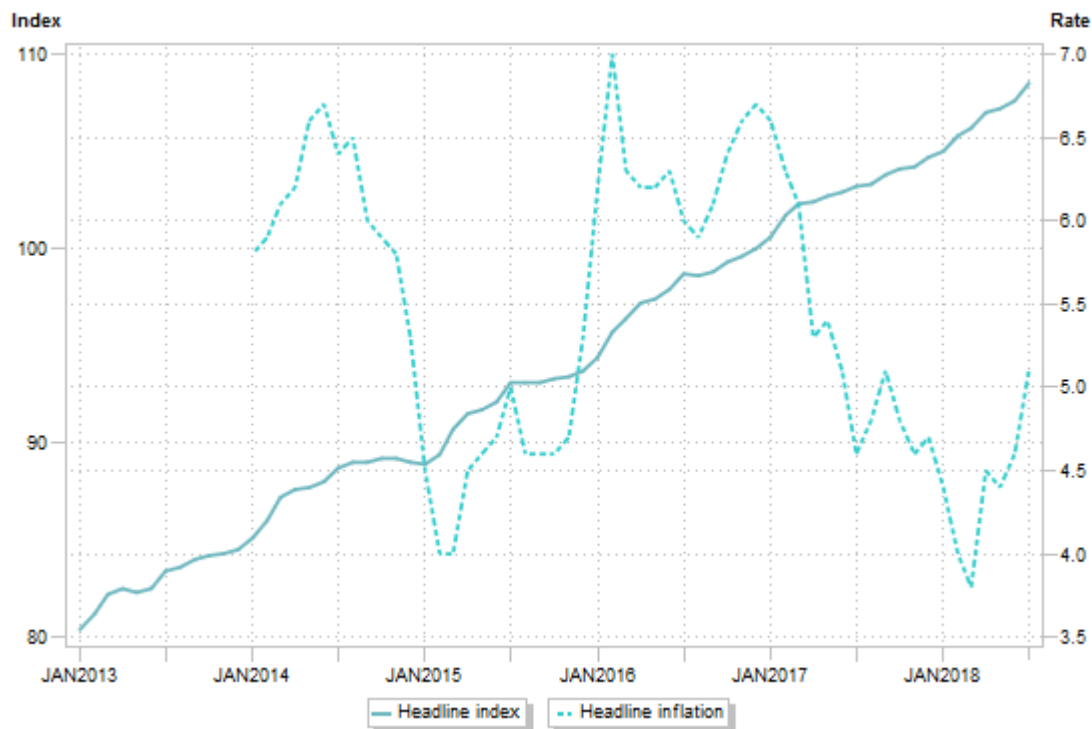


Table C - Contributions of the different groups to the annual percentage change in the CPI headline

Group	Contribution	
	Jun 2018	Jul 2018
Food and non-alcoholic beverages	0,6	0,6
Alcoholic beverages and tobacco	0,4	0,4
Clothing and footwear	0,1	0,1
Housing and utilities	1,0	1,3
Household contents and services	0,1	0,1
Health	0,1	0,1
Transport	1,0	1,4
Education	0,2	0,2
Restaurants and hotels	0,1	0,1
Miscellaneous goods and services	1,0	0,9
Residual	0,0	-0,1
All Items	4,6	5,1

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

Group	Contribution	
	Jun 2018	Jul 2018
Housing and utilities	0,1	0,5
Transport	0,3	0,1
Residual	0,0	0,2
All Items	0,4	0,8

Table E - Consumer price indices for all urban areas

Group		Weight	Index (Dec 2016=100)			Percentage change		
			Jul 2017	Jun 2018	Jul 2018	Jul 2018 vs. Jun 2018	Jul 2018 vs. Jul 2017	
All items (CPI Headline)		100,00	103,2	107,6	108,5	0,8	5,1	
Food and non-alcoholic beverages	Food	17,24	103,6	106,8	107,1	0,3	3,4	
		15,48	103,6	106,5	106,7	0,2	3,0	
	Processed	8,67	103,5	104,8	105,1	0,3	1,5	
	Unprocessed	6,81	103,6	107,8	107,9	0,1	4,2	
	Bread and cereals	3,21	98,1	95,4	95,2	-0,2	-3,0	
	Meat	5,46	110,3	116,3	116,5	0,2	5,6	
	Fish	0,40	102,7	109,3	109,5	0,2	6,6	
	Milk, eggs and cheese	2,57	102,6	106,1	106,9	0,8	4,2	
	Oils and fats	0,45	97,7	96,0	96,0	0,0	-1,7	
	Fruit	0,34	90,7	89,7	86,9	-3,1	-4,2	
	Vegetables	1,30	97,3	105,5	105,9	0,4	8,8	
	Sugar, sweets and desserts	0,56	107,1	101,1	100,8	-0,3	-5,9	
	Other food	1,19	100,2	103,5	103,9	0,4	3,7	
	Non-alcoholic beverages	1,76	104,1	109,6	110,9	1,2	6,5	
	Hot beverages	0,65	106,5	110,5	110,6	0,1	3,8	
	Cold beverages	1,11	102,7	109,1	111,0	1,7	8,1	
Alcoholic beverages and tobacco		5,82	102,8	108,7	109,0	0,3	6,0	
	Alcoholic beverages	3,89	102,1	110,1	110,2	0,1	7,9	
		Spirits	0,86	102,0	109,4	109,6	0,2	7,5
		Wine	1,05	105,3	112,6	113,2	0,5	7,5
		Beer	1,98	100,4	109,0	108,9	-0,1	8,5
	Tobacco	1,93	104,3	105,9	106,6	0,7	2,2	
Clothing and footwear		3,83	101,1	102,8	102,9	0,1	1,8	
	Clothing	2,71	101,1	103,1	103,3	0,2	2,2	
	Footwear	1,12	101,0	102,0	102,1	0,1	1,1	
Housing and utilities		24,62	103,0	106,0	108,4	2,3	5,2	
	Actual rentals for housing	3,52	102,6	106,9	106,9	0,0	4,2	
	Owners' equivalent rent	13,32	102,4	106,2	106,2	0,0	3,7	
	Maintenance and repair	0,82	102,2	105,1	105,2	0,1	2,9	
	Water and other services	3,16	107,1	107,9	118,9	10,2	11,0	
	Electricity and other fuels	3,80	102,1	103,1	110,0	6,7	7,7	
Household contents and services		4,35	101,2	103,9	104,0	0,1	2,8	
	Furnishings, floor coverings and textiles	0,81	97,6	95,1	95,2	0,1	-2,5	
	Appliances, tableware and equipment	0,73	98,1	98,2	98,9	0,7	0,8	
	Supplies and services	2,81	103,0	108,0	107,9	-0,1	4,8	
	Domestic workers' wages	2,45	103,3	108,4	108,4	0,0	4,9	
Health		1,40	106,0	110,7	110,7	0,0	4,4	
	Medical products	0,53	105,3	107,9	107,9	0,0	2,5	
	Medical services	0,87	106,4	112,6	112,6	0,0	5,8	

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

Group	Weight	Index (Dec 2016=100)			Percentage change			
		Jul 2017	Jun 2018	Jul 2018	Jul 2018 vs. Jun 2018	Jul 2018 vs. Jul 2017		
Transport		14,28	101,2	110,2	111,3	1,0	10,0	
	Purchase of vehicles	6,12	101,8	104,7	104,8	0,1	2,9	
	Private transport operation	5,86	100,8	119,0	121,3	1,9	20,3	
		Fuel	4,58	100,1	122,4	125,4	2,5	25,3
		Other running costs	1,28	103,3	106,8	106,6	-0,2	3,2
	Public transport	2,30	100,5	103,2	103,8	0,6	3,3	
Communication		2,63	98,9	100,1	100,0	-0,1	1,1	
	Postal services and telecommunication services	2,43	99,5	102,0	102,0	0,0	2,5	
	Telecommunication equipment	0,20	92,3	78,1	77,0	-1,4	-16,6	
Recreation and culture		5,16	100,9	101,3	101,3	0,0	0,4	
	Recreational equipment	1,25	98,8	96,2	96,3	0,1	-2,5	
	Recreational and cultural services	3,10	100,9	101,5	101,5	0,0	0,6	
	Books, newspapers and stationery	0,64	103,9	109,7	109,7	0,0	5,6	
	Package holidays	0,17	106,3	104,8	102,9	-1,8	-3,2	
Education		2,53	107,0	114,2	114,2	0,0	6,7	
	Primary and secondary	1,54	107,6	115,9	115,9	0,0	7,7	
	Tertiary	0,99	106,2	111,8	111,8	0,0	5,3	
Restaurants and hotels		3,09	101,2	105,0	105,4	0,4	4,2	
	Restaurants	1,98	103,7	110,0	110,4	0,4	6,5	
	Hotels	1,11	96,6	95,3	95,8	0,5	-0,8	
Miscellaneous goods and services		15,05	107,0	113,1	113,1	0,0	5,7	
	Personal care	2,12	103,4	105,2	104,3	-0,9	0,9	
	Insurance	10,06	107,9	115,7	115,7	0,0	7,2	
	Financial services	1,53	105,4	111,1	112,4	1,2	6,6	
	Other goods and services	1,34	108,0	108,6	108,6	0,0	0,6	

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, November	Private-sector hospitals (Health) Rugby tickets (Recreation and culture) Cricket 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 methods and sources document on the Stats SA website

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

Annual 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.
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 calls, television licence, school fees, university/technicons/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 in September vary, depending on government's policy objective. Products and services included are water, electricity, paraffin, petrol, diesel, telephone fees and cell calls.
CPI per expenditure decile	Decile 1 - up to R17 721; Decile 2 - R 17 722 up to R 29 475; Decile 3 - R 29 476 up to R 42 582; Decile 4 - R 42 583 up to R 56 909; Decile 5 - R 56 910 up to R 73 813; Decile 6 - R 73 814 up to R 94 884; Decile 7 - R 94 885 up to R 124 227; Decile 8 - R 124 228 up to R 173 022; Decile 9 - R 173 023 up to R 269 902; and Decile 10 - R 269 903 and more.
Inflation rate	The inflation rate is the change in the CPI for all items of the relevant month of the current year compared with the CPI for all items of the same month in the previous year expressed as a percentage.
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.
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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