

**STATISTICAL RELEASE**  
**P0141**

# Consumer Price Index

August 2018

Embargoed until:  
19 September 2018  
10:00

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**FORTHCOMING ISSUE:**  
September 2018

**EXPECTED RELEASE DATE**  
24 October 2018

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## KEY FINDINGS

### Headline consumer price index (CPI for all urban areas)

Annual consumer price inflation was 4,9% in August 2018, down from 5,1% in July 2018. The consumer price index decreased by 0,1% month-on-month in August 2018.

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

- **Alcoholic beverages and tobacco** decreased from 0,4 of a percentage point in July 2018 to 0,3 of a percentage point in August. The index increased by 4,6% year-on-year.
- **Transport** decreased from 1,4 percentage points in July 2018 to 1,3 percentage points in August. The index increased by 9,5% year-on-year.

In August the CPI for **goods** increased by 5,0% year-on-year (down from 5,3% in July), and the CPI for **services** increased by 5,0% year-on-year (unchanged from July).

**Provincial** annual inflation rates ranged from 3,9% in Northern Cape to 5,8% 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](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 are now available on the Stats SA website.

The new time series are available from January 2017, which is the start of the current basket and weights period.

The CPI data files are available at [http://www.statssa.gov.za/?page\\_id=1847](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		
			Aug 2017	Jul 2018	Aug 2018	Aug 2018 vs. Jul 2018	Aug 2018 vs. Aug 2017	
All items (CPI Headline)		100,00	103,3	108,5	108,4	-0,1	4,9	
CPI excluding food and NAB, fuel and energy		74,43	103,4	107,7	107,7	0,0	4,2	
Trimmed mean		..	102,9	107,3	107,5	0,2	4,5	
Analytical series	CPI for all goods	48,70	102,3	107,5	107,4	-0,1	5,0	
	CPI for durable goods	7,81	100,4	101,8	101,7	-0,1	1,3	
	CPI for semi-durable goods	5,68	100,7	102,0	102,1	0,1	1,4	
	CPI for non-durable goods	35,21	103,1	110,0	109,9	-0,1	6,6	
	CPI for services	51,30	104,2	109,4	109,4	0,0	5,0	
	CPI for administered prices	Total	16,17	103,3	115,7	115,8	0,1	12,1
		Regulated	11,76	102,2	115,8	115,9	0,1	13,4
		Not regulated	4,41	106,1	115,3	115,3	0,0	8,7
	CPI excluding administered prices	83,83	103,2	107,1	107,0	-0,1	3,7	
	CPI for administered prices excluding fuel and paraffin	11,54	104,0	111,9	111,9	0,0	7,6	
	CPI excluding food and NAB	82,76	103,2	108,7	108,7	0,0	5,3	
	CPI excluding fuel	95,42	103,3	107,7	107,6	-0,1	4,2	
	CPI excluding food and NAB and fuel	78,18	103,3	107,8	107,8	0,0	4,4	
	CPI excluding housing	75,38	103,3	108,5	108,4	-0,1	4,9	
	CPI excluding fuel and energy	91,67	103,4	107,6	107,5	-0,1	4,0	
	CPI excluding energy	96,25	103,3	108,4	108,4	0,0	4,9	
	CPI excluding owners' equivalent rent	86,68	103,4	108,8	108,8	0,0	5,2	
CPI for pensioners	..	103,4	108,8	108,8	0,0	5,2		
Geographic indices	CPI for total country	100,00	103,1	108,2	108,1	-0,1	4,8	
	CPI for rural areas	12,23	102,1	106,0	106,0	0,0	3,8	
	CPI per province	Western Cape	17,25	103,3	109,3	109,3	0,0	5,8
		Eastern Cape	8,04	102,8	107,6	107,6	0,0	4,7
		Northern Cape	1,93	102,7	106,7	106,7	0,0	3,9
		Free State	5,93	103,1	107,7	107,6	-0,1	4,4
		KwaZulu-Natal	12,70	102,9	107,3	107,2	-0,1	4,2
		North West	5,31	102,4	106,5	106,5	0,0	4,0
		Gauteng	36,25	103,5	108,9	108,9	0,0	5,2
		Mpumalanga	6,89	102,5	106,7	106,6	-0,1	4,0
Limpopo	5,70	102,4	106,7	106,8	0,1	4,3		
Deciles	CPI per expenditure decile	1	0,50	100,9	104,6	104,5	-0,1	3,6
		2	1,13	101,7	105,3	105,2	-0,1	3,4
		3	1,89	102,0	106,0	105,8	-0,2	3,7
		4	2,81	102,1	106,2	106,1	-0,1	3,9
		5	3,93	102,2	106,3	106,3	0,0	4,0
		6	5,61	102,4	106,5	106,5	0,0	4,0
		7	7,91	102,8	107,4	107,3	-0,1	4,4
		8	11,30	103,0	108,1	108,0	-0,1	4,9
		9	16,35	103,5	109,2	109,2	0,0	5,5
		10	48,57	103,5	109,1	109,1	0,0	5,4

**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 <sup>1</sup>
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	108,4	..	..	..	..	..

**Table B2 - CPI headline year-on-year rates**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average <sup>1</sup>
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	4,9	..	..	..	..	..

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

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

Group	Contribution	
	Jul 2018	Aug 2018
Housing and utilities	0,5	0,0
Transport	0,1	0,0
Residual	0,2	-0,1
All Items	0,8	-0,1

Table E - Consumer price indices for all urban areas

Group	Weight	Index (Dec 2016=100)			Percentage change	
		Aug 2017	Jul 2018	Aug 2018	Aug 2018 vs. Jul 2018	Aug 2018 vs. Aug 2017
<b>All items (CPI Headline)</b>	100,00	103,3	108,5	108,4	-0,1	4,9
<b>Food and non-alcoholic beverages</b>	17,24	103,4	107,1	107,0	-0,1	3,5
<b>Food</b>	15,48	103,4	106,7	106,4	-0,3	2,9
<b>Processed</b>	8,67	103,1	105,1	105,1	0,0	1,9
<b>Unprocessed</b>	6,81	103,6	107,9	107,4	-0,5	3,7
<b>Bread and cereals</b>	3,21	97,0	95,2	94,9	-0,3	-2,2
<b>Meat</b>	5,46	110,7	116,5	116,6	0,1	5,3
<b>Fish</b>	0,40	103,4	109,5	108,8	-0,6	5,2
<b>Milk, eggs and cheese</b>	2,57	102,5	106,9	106,3	-0,6	3,7
<b>Oils and fats</b>	0,45	97,3	96,0	96,7	0,7	-0,6
<b>Fruit</b>	0,34	90,0	86,9	87,0	0,1	-3,3
<b>Vegetables</b>	1,30	96,8	105,9	105,4	-0,5	8,9
<b>Sugar, sweets and desserts</b>	0,56	106,4	100,8	100,2	-0,6	-5,8
<b>Other food</b>	1,19	100,2	103,9	103,0	-0,9	2,8
<b>Non-alcoholic beverages</b>	1,76	103,5	110,9	111,9	0,9	8,1
<b>Hot beverages</b>	0,65	105,9	110,6	110,5	-0,1	4,3
<b>Cold beverages</b>	1,11	102,1	111,0	112,8	1,6	10,5
<b>Alcoholic beverages and tobacco</b>	5,82	104,0	109,0	108,8	-0,2	4,6
<b>Alcoholic beverages</b>	3,89	104,0	110,2	109,7	-0,5	5,5
<b>Spirits</b>	0,86	102,1	109,6	109,7	0,1	7,4
<b>Wine</b>	1,05	105,8	113,2	112,3	-0,8	6,1
<b>Beer</b>	1,98	103,8	108,9	108,4	-0,5	4,4
<b>Tobacco</b>	1,93	104,2	106,6	106,8	0,2	2,5
<b>Clothing and footwear</b>	3,83	101,2	102,9	103,1	0,2	1,9
<b>Clothing</b>	2,71	101,2	103,3	103,5	0,2	2,3
<b>Footwear</b>	1,12	101,2	102,1	102,2	0,1	1,0
<b>Housing and utilities</b>	24,62	103,0	108,4	108,5	0,1	5,3
<b>Actual rentals for housing</b>	3,52	102,6	106,9	106,9	0,0	4,2
<b>Owners' equivalent rent</b>	13,32	102,4	106,2	106,2	0,0	3,7
<b>Maintenance and repair</b>	0,82	102,4	105,2	105,5	0,3	3,0
<b>Water and other services</b>	3,16	107,1	118,9	119,1	0,2	11,2
<b>Electricity and other fuels</b>	3,80	102,1	110,0	110,1	0,1	7,8
<b>Household contents and services</b>	4,35	100,9	104,0	103,8	-0,2	2,9
<b>Furnishings, floor coverings and textiles</b>	0,81	96,4	95,2	94,6	-0,6	-1,9
<b>Appliances, tableware and equipment</b>	0,73	97,8	98,9	98,3	-0,6	0,5
<b>Supplies and services</b>	2,81	103,1	107,9	107,9	0,0	4,7
<b>Domestic workers' wages</b>	2,45	103,3	108,4	108,4	0,0	4,9
<b>Health</b>	1,40	105,8	110,7	111,3	0,5	5,2
<b>Medical products</b>	0,53	104,8	107,9	108,3	0,4	3,3
<b>Medical services</b>	0,87	106,4	112,6	113,4	0,7	6,6

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

Group		Weight	Index (Dec 2016=100)			Percentage change		
			Aug 2017	Jul 2018	Aug 2018	Aug 2018 vs. Jul 2018	Aug 2018 vs. Aug 2017	
Transport		14,28	101,7	111,3	111,4	0,1	9,5	
	Purchase of vehicles	6,12	102,0	104,8	105,0	0,2	2,9	
	Private transport operation		5,86	101,9	121,3	121,5	0,2	19,2
		Fuel	4,58	101,5	125,4	125,5	0,1	23,6
		Other running costs	1,28	103,3	106,6	106,9	0,3	3,5
	Public transport	2,30	100,4	103,8	103,4	-0,4	3,0	
Communication		2,63	98,8	100,0	100,0	0,0	1,2	
	Postal services and telecommunication services	2,43	99,5	102,0	102,0	0,0	2,5	
	Telecommunication equipment	0,20	90,3	77,0	76,1	-1,2	-15,7	
Recreation and culture		5,16	100,9	101,3	101,2	-0,1	0,3	
	Recreational equipment	1,25	98,3	96,3	95,8	-0,5	-2,5	
	Recreational and cultural services	3,10	100,9	101,5	101,5	0,0	0,6	
	Books, newspapers and stationery	0,64	104,6	109,7	110,2	0,5	5,4	
	Package holidays	0,17	106,1	102,9	103,0	0,1	-2,9	
		2,53	107,0	114,2	114,2	0,0	6,7	
Education	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	
		3,09	101,5	105,4	105,6	0,2	4,0	
Restaurants and hotels	Restaurants	1,98	104,2	110,4	110,4	0,0	6,0	
	Hotels	1,11	96,5	95,8	96,2	0,4	-0,3	
		15,05	107,0	113,1	113,0	-0,1	5,6	
Miscellaneous goods and services	Personal care	2,12	103,3	104,3	103,6	-0,7	0,3	
	Insurance	10,06	107,9	115,7	115,7	0,0	7,2	
	Financial services	1,53	105,5	112,4	112,4	0,0	6,5	
	Other goods and services	1,34	108,0	108,6	108,6	0,0	0,6	



**Table F - Survey schedule for non-monthly surveys**

<b>Quarterly</b>	
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)
<b>Biannual</b>	
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)
<b>Annual</b>	
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)
<b>Other</b>	
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](http://www.statssa.gov.za/?page_id=2528)

<b>Annual inflation rate</b>	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.
<b>Annual percentage change</b>	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.
<b>Average annual inflation rate</b>	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.
<b>Average annual percentage change</b>	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.
<b>CPI for administered prices</b>	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.
<b>CPI for regulated prices</b>	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 calls.
<b>CPI per expenditure decile</b>	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.
<b>Inflation rate</b>	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.
<b>Monthly percentage change</b>	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.
<b>Rural CPI</b>	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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October 2018	21 November 2018
November 2018	12 December 2018

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