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## P0141

# SAMPLE

## Consumer Price Index

**December 2008**

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## KEY FINDINGS

### **The headline CPI (for all urban areas) annual inflation rate at December 2008 was X%.**

The headline inflation rate (year-on-year) was X of a percentage point lower than the X% recorded at November 2008.

This lower headline rate at December 2008 can be explained by a decrease in the annual rate of change for:

- The CPI for transport which decreased to x% at December 2008 from X% at November 2008, mainly due to a decrease in the price of petrol.
- The CPI for food and non-alcoholic beverages which decreased to X% at December 2008 from X% at November 2008.

The main contributors to the annual increase of X% in the CPI at December 2008 were food and non-alcoholic beverages (+ x percentage points), transport (+ x percentage points), housing and utilities (+ x percentage points), household contents and equipment (+ x of a percentage point), health (+ x of a percentage point) and education (+ x of a percentage point) (see table C on page 5).

The main contributors to the monthly increase of 0,57% in the CPI at December 2008 were food and non-alcoholic beverages (+ 0,45 of a percentage point), housing and utilities (+ 0,27 of a percentage point), household contents and equipment (+ 0,13 of a percentage point), clothing and footwear (+ 0,10 of a percentage point) and restaurants and hotels (+ 0,10 of a percentage point). These monthly increases were counteracted by a monthly decrease in the transport (- 0,60 of a percentage point) (see table D on page 5).

The annual rate of increase in food and non-alcoholic beverages prices was x% at December 2008. This rate was x of a percentage point lower than the corresponding annual rate of x% at November 2008. The increase of x% was due to increases in the prices of bread and cereal products, other food products, meat, milk, cheese and eggs, oils and fats, vegetables, fish, fruit and sugar.

The annual rate of increase in the price index for non-food items was x% at December 2008. This rate was x of a percentage point lower than the corresponding annual rate of x% at November 2008. Annual increases occurred in the price indices for clothing and footwear (+ x%), transport (+ x%), household contents and equipment (+ x%), tobacco (+ x%), personal care (+ x%), education (+ x%), housing and utilities (+ x%), alcoholic beverages (+ x%), health (+ x%), books (+ x%), communication (+ x%) and recreation and culture (+ x%).

## NOTES

### **CPI for January 2009**

No additional surveys will be conducted in January 2009.

**TABLES**

**Table A - Consumer Price Index: Indices and percentage changes**

Index description			Weight	Index (2008=100)			Percentage change		
				Dec 2007	Nov 2008	Dec 2008	Month on month	Year on year	
<b>CPI Headline</b>			100,00	..	102,93	102,73	-0,19	..	
<b>Analytical series</b>	<b>CPI per expenditure quintile</b>	1	1,78	..	104,55	105,16	+0,58	..	
		2	3,88	..	104,44	105,03	+0,56	..	
		3	7,17	..	104,25	104,73	+0,46	..	
		4	15,61	..	103,65	103,64	-0,01	..	
		5	71,56	..	102,52	102,14	-0,37	..	
		<b>CPI for all goods</b>		54,20	..	103,42	102,45	-0,94	..
		<b>CPI for durable goods</b>		14,79	..	100,62	100,84	+0,22	..
		<b>CPI for semi durable goods</b>		6,73	..	102,34	101,88	-0,45	..
		<b>CPI for non-durable goods</b>		32,68	..	104,92	103,30	-1,54	..
		<b>CPI for services</b>		45,80	..	102,34	103,06	+0,70	..
		<b>CPI for pensioners</b>		71,21	..	103,23	103,25	+0,02	..
		<b>CPI for administered prices</b>	<b>Total</b>	14,66	..	102,36	97,60	-4,65	..
			<b>Regulated</b>	9,62	..	102,91	95,66	-7,04	..
			<b>Not regulated</b>	5,04	..	101,31	101,31	0,00	..
		<b>CPI for food and non-alcoholic beverages (NAB)</b>		15,68	..	105,44	106,32	+0,83	..
		<b>CPI excluding food and NAB</b>		84,32	..	102,46	102,06	-0,39	..
		<b>CPI excluding petrol</b>		96,07	..	103,08	103,61	+0,51	..
		<b>CPI excluding food and NAB and petrol</b>		80,39	..	102,62	103,08	+0,45	..
		<b>CPI excluding food and NAB, petrol, VAT, assessment rates, and finance charges</b>		77,05	..	102,56	103,04	+0,47	..
		<b>CPI excluding housing</b>		77,44	..	102,82	102,26	-0,54	..
		<b>CPI excluding petrol and energy</b>		94,39	..	102,87	103,40	+0,52	..
		<b>CPI excluding energy</b>		98,32	..	102,73	102,51	-0,21	..
		<b>CPI excluding food and NAB, petrol and energy</b>		78,71	..	102,36	102,82	+0,45	..
	<b>CPI excluding owners equivalent rent</b>		87,79	..	103,09	102,68	-0,40	..	
	<b>CPI excluding administered prices</b>		85,34	..	103,03	103,61	+0,56	..	
	<b>CPI administered prices excluding petrol and paraffin</b>		10,57	..	103,46	103,62	+0,15	..	
<b>Geographic indices</b>	<b>CPI for primary areas</b>		62,76	..	102,87	102,68	-0,18	..	
	<b>CPI for secondary areas</b>		20,33	..	103,10	102,86	-0,23	..	
	<b>CPI for rural areas [1]</b>		16,91	..	103,73	103,67	-0,06	..	
	<b>CPI for total country</b>		100,00	..	103,07	102,89	-0,17	..	
	<b>CPI per province</b>								
		<b>Western Cape</b>	18,33	..	102,99	102,85	-0,14	..	
		<b>Eastern Cape</b>	9,91	..	103,54	103,15	-0,38	..	
		<b>Northern Cape</b>	1,66	..	103,28	102,82	-0,45	..	
		<b>Free State</b>	6,45	..	102,96	102,82	-0,14	..	
		<b>KwaZulu-Natal</b>	14,08	..	103,42	103,47	+0,05	..	
	<b>North West</b>	5,79	..	103,27	103,17	-0,10	..		
	<b>Gauteng</b>	32,77	..	102,72	102,44	-0,27	..		
	<b>Mpumalanga</b>	5,47	..	103,13	103,17	+0,04	..		
	<b>Limpopo</b>	5,54	..	103,43	103,25	-0,17	..		

[1] The CPI for rural areas uses weights for rural areas but prices from secondary areas.

Note: Unless otherwise stated all tables refer to all urban areas.

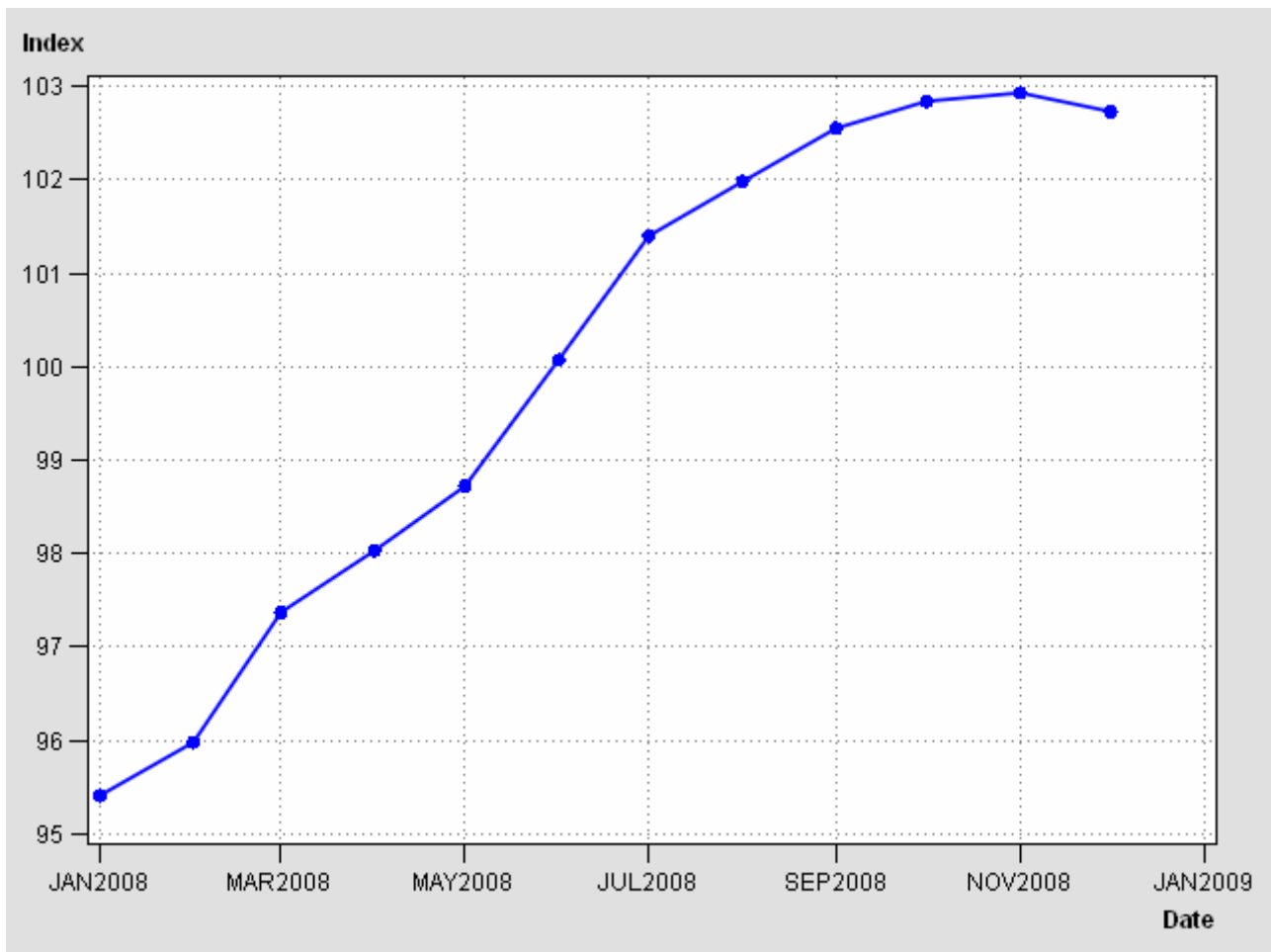
**Table B - Consumer Price Index: Index numbers and year on year rates**

**Base year: 2008=100**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average [1]	
<b>Year</b>	<b>Index/rate</b>													
<b>2008</b>	<b>Index</b>	95,41	95,98	97,37	98,03	98,72	100,07	101,40	101,98	102,55	102,84	102,93	102,73	100,00
	<b>Rate</b>	..	..	..	..	..	..	..	..	..	..	..	..	..

[1] Annual average.

**Figure 1 - CPI headline: Index numbers**



**Table C - Contribution of different groups to the annual percentage change in the CPI**

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

Product group	Contribution	
	Nov 2008	Dec 2008
Food and non alcoholic beverages	+0,12	+0,13
Alcoholic beverages and tobacco	0,00	+0,01
Clothing and footwear	0,00	+0,02
Housing and utilities	+0,01	+0,23
Household contents and equipment	+0,02	+0,02
Health	+0,01	0,00
Transport	-0,22	-0,60
Recreation and culture	+0,11	-0,04
Restaurants and hotels	+0,01	+0,03
Miscellaneous goods and services	+0,04	+0,01
Rest	-0,00	-0,00
All Items	+0,09	-0,19

**Table E - Consumer Price Index: Group and product indices and percentage changes**

Index description	Weight	Index (2008=100)			Percentage change	
		Dec 2007	Nov 2008	Dec 2008	Month on month	Year on year
<b>All Items</b>	100,00	..	102,93	102,73	-0,19	..
<b>Food and non alcoholic beverages</b>	15,68	..	105,44	106,32	+0,83	..
<b>Food</b>	14,27	..	105,47	106,45	+0,93	..
<b>Processed</b>	6,79	..	106,68	106,85	+0,16	..
<b>Unprocessed</b>	7,48	..	104,37	106,08	+1,64	..
<b>Bread and cereals</b>	3,08	..	109,14	109,16	+0,02	..
<b>Meat</b>	4,59	..	102,72	104,15	+1,39	..
<b>Fish</b>	0,66	..	109,02	109,50	+0,44	..
<b>Milk, eggs and cheese</b>	1,79	..	104,37	104,82	+0,43	..
<b>Oils and fats</b>	0,53	..	106,83	106,84	+0,01	..
<b>Fruit</b>	0,47	..	101,54	106,54	+4,92	..
<b>Vegetables</b>	1,63	..	105,43	108,50	+2,91	..
<b>Sugar, sweets and deserts</b>	0,77	..	106,16	104,75	-1,33	..
<b>Other food</b>	0,75	..	107,55	107,59	+0,04	..
<b>Non-alcoholic beverages</b>	1,41	..	105,14	105,04	-0,10	..
<b>Hot beverages</b>	0,34	..	110,88	111,91	+0,93	..
<b>Cold beverages</b>	1,07	..	103,38	102,94	-0,43	..
<b>Alcoholic beverages and tobacco</b>	5,58	..	103,05	103,17	+0,12	..
<b>Alcoholic beverages</b>	3,29	..	101,84	101,91	+0,07	..
<b>Spirits</b>	0,94	..	102,34	102,68	+0,33	..
<b>Wine</b>	0,72	..	102,12	101,91	-0,21	..
<b>Beer</b>	1,63	..	101,44	101,47	+0,03	..
<b>Tobacco</b>	2,29	..	104,78	104,98	+0,19	..
<b>Clothing and footwear</b>	4,11	..	101,12	101,52	+0,40	..
<b>Clothing</b>	2,90	..	101,31	101,68	+0,37	..
<b>Footwear</b>	1,21	..	100,66	101,14	+0,48	..
<b>Housing and utilities</b>	22,56	..	103,29	104,33	+1,01	..
<b>Actual rentals for housing</b>	3,49	..	102,14	103,57	+1,40	..
<b>Owners equivalent rent</b>	12,21	..	101,79	103,11	+1,30	..
<b>Maintenance and repair</b>	1,68	..	107,34	107,84	+0,47	..
<b>Water and other services</b>	3,31	..	102,25	102,25	0,00	..
<b>Electricity and other fuels</b>	1,87	..	113,49	114,25	+0,67	..
<b>Household contents and equipment</b>	5,86	..	102,04	102,41	+0,36	..
<b>Furnishings, floor coverings and textiles</b>	2,17	..	100,42	100,09	-0,33	..
<b>Appliances, tableware and equipment</b>	1,05	..	103,39	103,54	+0,15	..
<b>Supplies and services</b>	2,64	..	102,84	103,87	+1,00	..
<b>Domestic workers wages</b>	1,99	..	102,00	103,34	+1,31	..
<b>Health</b>	1,47	..	101,82	101,77	-0,05	..
<b>Medical products</b>	0,57	..	103,73	103,60	-0,13	..
<b>Medical services</b>	0,90	..	100,60	100,60	0,00	..
<b>Transport</b>	18,80	..	101,20	97,90	-3,26	..
<b>Purchase of vehicles</b>	11,25	..	100,46	100,69	+0,23	..
<b>Private transport operation</b>	4,82	..	100,07	85,54	-14,52	..
<b>Petrol</b>	3,93	..	99,31	81,17	-18,27	..
<b>Other running costs</b>	0,89	..	103,39	104,61	+1,18	..
<b>Public transport</b>	2,73	..	106,21	108,26	+1,93	..
<b>Communication</b>	3,22	..	100,38	100,52	+0,14	..
<b>Postal services and telecommunication services</b>	2,90	..	100,89	100,89	0,00	..
<b>Telecommunication equipment</b>	0,32	..	95,77	97,14	+1,43	..
<b>Recreation and culture</b>	4,19	..	104,80	103,77	-0,98	..
<b>Recreational equipment</b>	2,23	..	105,83	104,41	-1,34	..
<b>Recreational and cultural services</b>	1,25	..	101,74	102,27	+0,52	..
<b>Books, newspapers and stationery</b>	0,71	..	106,95	104,43	-2,36	..
<b>Education</b>	2,19	..	101,11	101,11	0,00	..
<b>Primary and secondary education</b>	1,29	..	101,12	101,12	0,00	..

Index description		Weight	Index (2008=100)			Percentage change	
			Dec 2007	Nov 2008	Dec 2008	Month on month	Year on year
	<b>Tertiary</b>	0,90	..	101,10	101,10	0,00	..
<b>Restaurants and hotels</b>		2,78	..	104,97	106,03	+1,01	..
	<b>Restaurants</b>	1,85	..	105,48	106,16	+0,64	..
	<b>Hotels</b>	0,93	..	103,95	105,78	+1,76	..
<b>Miscellaneous goods and services</b>		13,56	..	102,74	102,82	+0,08	..
	<b>Personal care</b>	2,20	..	104,72	105,35	+0,60	..
	<b>Insurance</b>	7,71	..	100,17	100,14	-0,03	..
	<b>Financial services</b>	1,27	..	107,63	107,63	0,00	..
	<b>Other services</b>	2,38	..	106,58	106,58	0,00	..

## GLOSSARY

A complete set of definitions is available in the methods and sources document on the Stats SA website <http://www.statssa.gov.za>

<b>Annual inflation rate</b>	The annual 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>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 CPI for all items of one year compared with the average CPI for all items 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 one or other government agencies/institutions without reference to market forces. Products and services included are assessment rates, sanitary fees, refuse removal, water, electricity, paraffin, petrol, public transport – trains, motor licenses, motor registration, telephone fees, postage, cell calls, television license, school fees, university/technicons/colleges and university boarding fees.
<b>CPI for regulated prices</b>	Regulated prices are those administered prices that are said to be 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, telephone fees, postage and cell calls.
<b>Inflation rate</b>	Inflation rate is the annual percentage 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 CPI of the relevant month compared to the CPI of the previous month expressed as a percentage.
<b>CPI per expenditure quintile</b>	quintile 1 - up to R 14 564; quintile 2 - R 14 565 up to R 23 278; quintile 3 - R 23 279 up to R 36 755; quintile 4 - R 36 756 up to R 79 152; and quintile 5 - R 79 153 and more.



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