

REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

CONSUMER PRICE INDEX (CPI) December 2013

The National Institute of Statistics of Rwanda is very pleased to deliver to users the Consumer Price Index (February 2009=100). The All Urban CPI is regarded as the headline index, producing the official inflation rate. **The CPI is published every month by the 10th**

All Urban Index:

In December 2013 the All Urban general index is established at 121.2 this stands for a decrease of 1.72% over the previous month which was 123.3. In annual change it increased by 3.65% compared to 4.58% in the previous month. This gives a general inflation rate by an annual average of 4.2% during the month of December 2013.

The underlying inflation rate (excluding fresh food and energy) increased by 0.24% if compared to the previous month and increased by 3.76% on annual change. The annual average underlying inflation rate is + 4.0 % in December 2013 up from the previous month 3.9 %.

All Rural Index:

In December 2013 the All Rural general index is established at 128.4 this stands for a decrease of 4.99% over the previous month which was 135.2. In annual change it increased by 5.78% compared to 8.99% in the previous month.

All Rwanda Index:

In December 2013 the All Rwanda general index is established at 125.9 this stands for a decrease of 3.95% over the previous month which was 131.1. In annual change it increased by 5.08% compared to 7.54% in the previous month.

Feb 2009=100	Dec. 12	Jan. 13	Feb. 13	Mar. 13	April 13	May 13	June 13	July 13	Aug. 13	Sept. 13	Oct. 13	Nov. 13	Dec. 13
All Urban General Index	116.9	118.5	118.8	119.6	121.2	121.3	121.2	121.1	122.5	124.1	124.5	123.3	121.2
Annual change	3.88	5.67	4.79	3.25	4.37	2.98	3.68	3.52	4.04	5.10	5.10	4.58	3.65
All Rural General Index	121.4	119.8	119.8	121.7	123.9	124.4	123.6	124.9	125.7	132.6	135.2	135.2	128.4
Annual change	11.96	11.79	9.74	6.55	6.13	4.85	4.61	4.48	3.64	7.63	7.86	8.99	5.78
All Rwanda General Index	119.9	119.4	119.4	121.0	123.0	123.3	122.8	123.6	124.6	129.7	131.5	131.1	125.9
Annual change	9.16	9.65	8.01	5.42	5.53	4.21	4.29	4.16	3.78	6.79	6.96	7.54	5.08

ALL URBAN CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Dec. 12	Sept. 13	Oct. 13	Nov. 13	Dec. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	116.9	124.1	124.5	123.3	121.2	-1.72	-2.31	3.65
01	Food and non-alcoholic beverages	3538	124.0	138.1	138.7	135.0	128.9	-4.55	-6.70	3.91
0111	❖ Bread and cereals	733	118.7	114.0	115.0	116.8	117.0	0.19	2.65	-1.40
0112	❖ Meat	274	116.4	115.6	114.8	115.9	116.3	0.38	0.65	-0.03
0113	❖ Fish	83	132.0	157.3	162.9	168.2	161.5	-3.98	2.6	22.32
0117	❖ Vegetables	1200	128.2	169.3	167.4	152.9	133.7	-12.55	-21.02	4.30
012	❖ Non-alcoholic beverages	160	113.1	118.5	118.0	117.4	118.6	0.98	0.02	4.81
02	Alcoholic beverages and tobacco	240	120.1	124.3	126.8	127.1	128.2	0.87	3.16	6.74
03	Clothing and footwear	377	113.7	111.6	112.4	113.7	114.4	0.63	2.58	0.68
04	Housing, water, electricity, gas and other fuels	2204	110.8	111.3	111.6	111.1	110.8	-0.30	-0.51	-0.02
05	Furnishing, household equipment and routine household maintenance	457	107.0	107.4	106.9	106.9	106.8	-0.05	-0.56	-0.20
06	Health	163	103.3	104.6	104.1	104.1	104.5	0.36	-0.10	1.19
07	Transport	1189	127.2	126.6	127.2	128.3	128.4	0.06	1.35	0.88
08	Communication	288	91.5	91.2	91.2	91.2	91.2	0.00	0.00	-0.35
09	Recreation and culture	256	105.0	106.4	105.6	105.7	105.6	-0.07	-0.77	0.56
10	Education	331	129.9	175.6	175.6	175.6	175.6	0.00	0.00	35.18
11	Restaurants and hotels	558	104.8	111.6	112.4	113.7	114.5	0.74	2.57	9.24
12	Miscellaneous goods and services	400	107.5	110.2	110.0	110.2	110.5	0.26	0.27	2.82

In December 2013 the All Urban general index is established at 121.2 this stands for a decrease of 1.72% over the previous month which was 123.3. In annual change it increased by 3.65% compared to 4.58% in the previous month. This gives a general inflation rate by an annual average of 4.2% during the month of December 2013.

The underlying inflation rate (excluding fresh food and energy) increased by 0.24% if compared to the previous month and increased by 3.76% on annual change. The annual average underlying inflation rate is + 4.0 % in December 2013 up from the previous month 3.9 %.

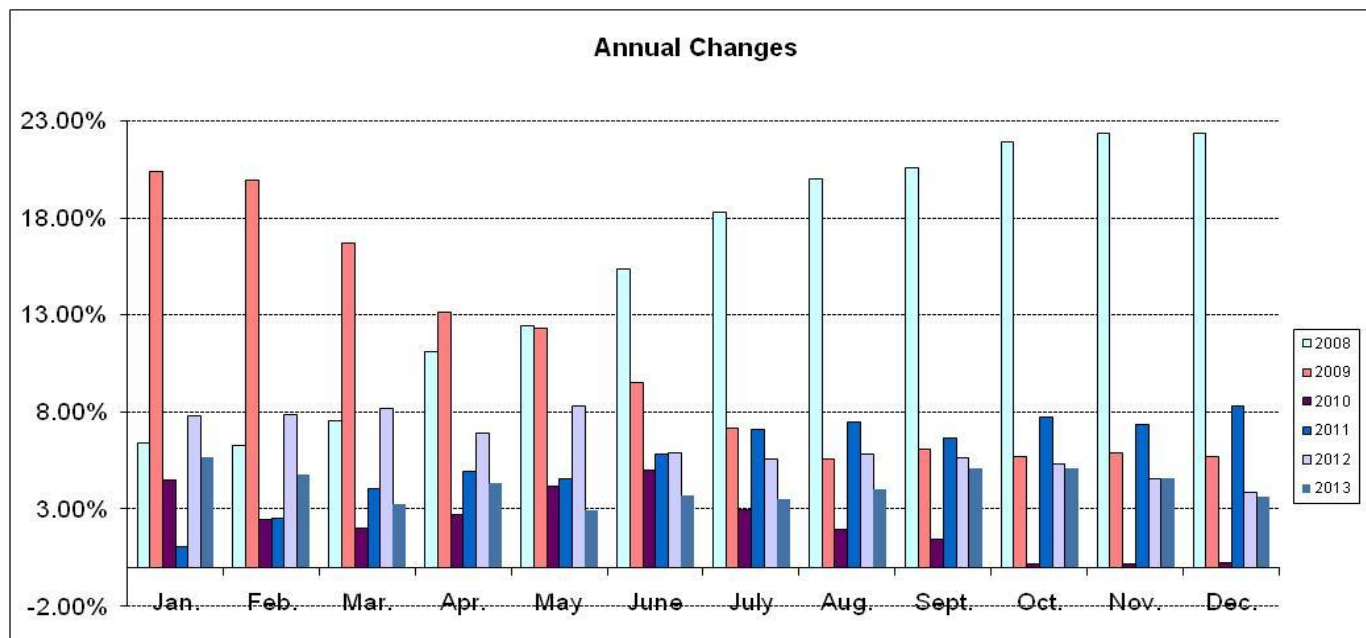
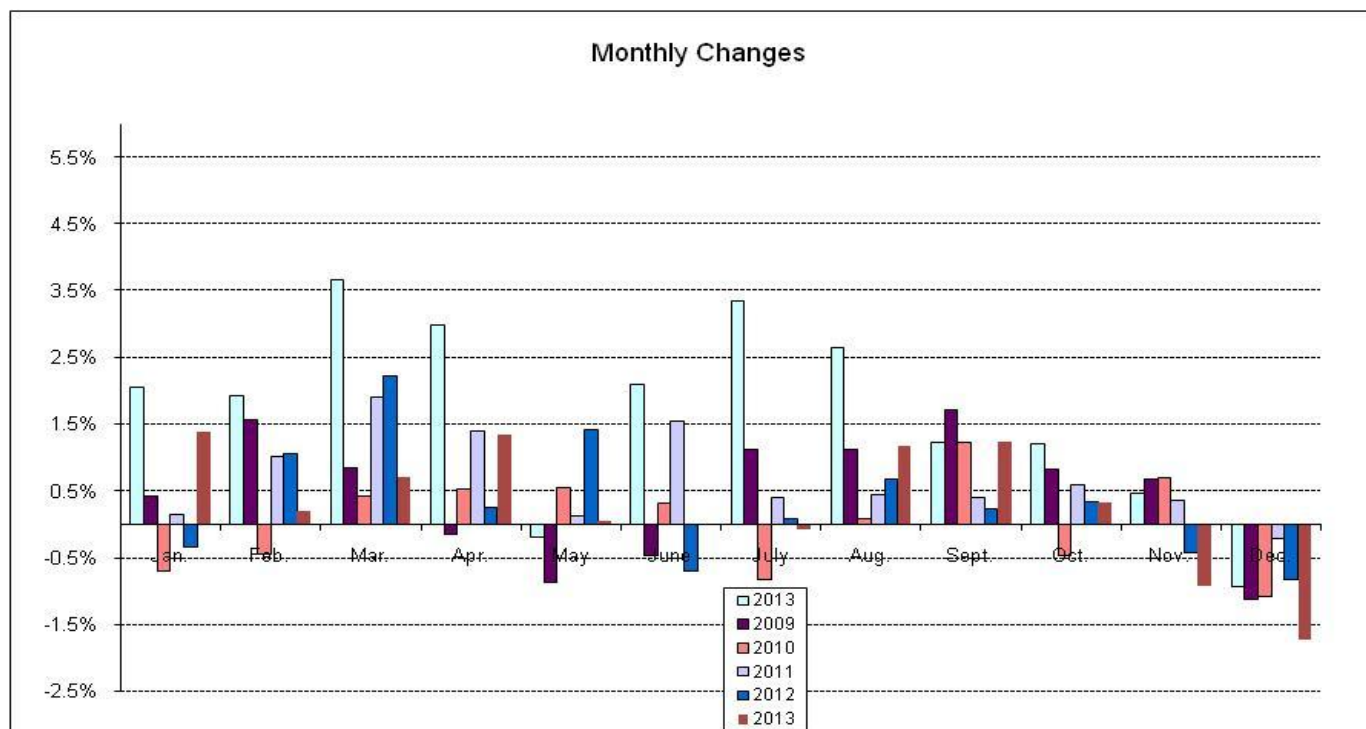
The decrease in the consumer price index of 1.72 is attributable primarily to the decrease in Food and non-alcoholic beverages (4.55) and Housing, water, electricity, gas and other fuels (0.30).

It is noted that the decrease of 4.55 in prices of Food and non alcoholic beverages is primary attributable to the decrease of 12.55 of Vegetables.

In annual change, the increase in the general index of 3.65 is mainly due to the rising prices of Food and non alcoholic beverages (3.91) and Education (35.18) which contributed +1.47 and + 1.29 respectively.

The 'local goods' increased by 4.15 on annual change with a monthly change of -2.08, while prices of the imported products increased by 1.64 on annual change with a monthly change of -0.23.

The prices of the fresh products had a positive annual change of 4.88 between December 2013 and December 2012.

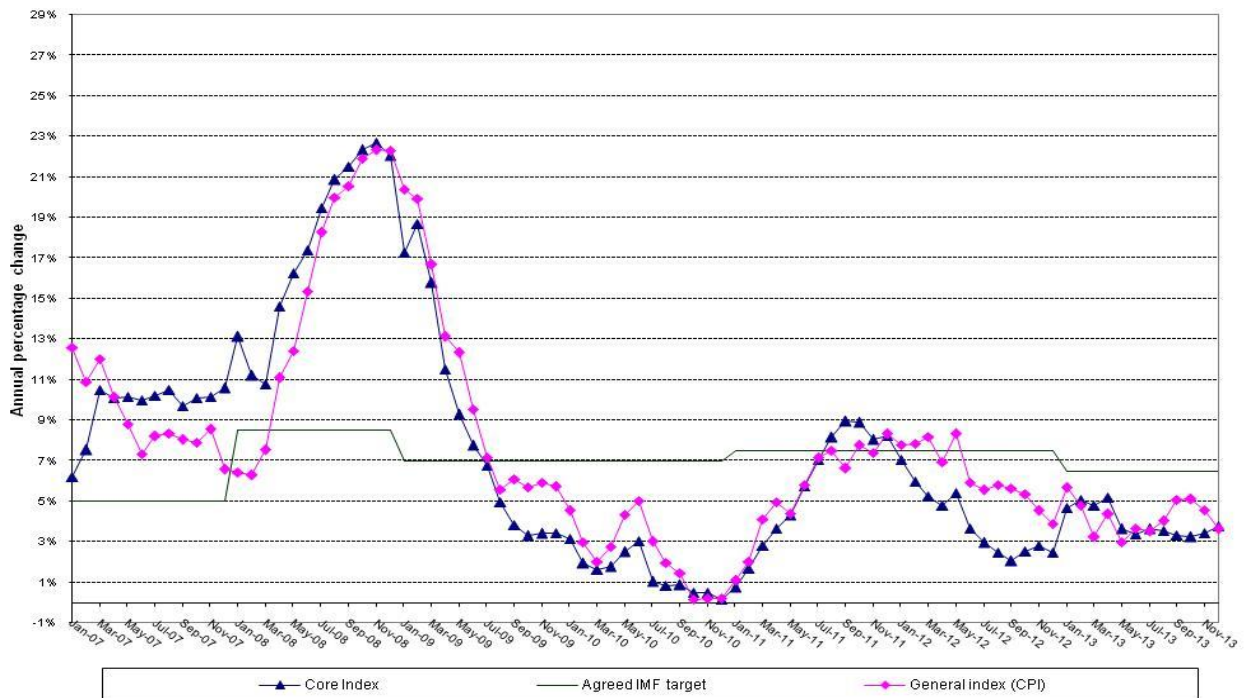


Evolution (over 12 months) of the rate of inflation (%) ⁽¹⁾

MONTH	Dec. 12	Jan. 13	Feb. 13	Mar. 13	April 13	May 13	June 13	July 13	Aug. 13	Sept. 13	Oct. 13	Nov. 13	Dec. 13
General index	6.3	6.1	5.9	5.5	5.2	4.8	4.6	4.4	4.3	4.3	4.2	4.2	4.2
Core / Underlying	3.9	3.7	3.7	3.6	3.7	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0

(1) In December 2013, the average index of the last twelve months January to December 2013 increased by 4.2 (general index) and 4.0 (Core index) compared to the average index of the previous twelve months (January to December 2012).

Annual changes (Comparison with the same month of the previous year)



Other All Urban Indices

February 2009=100	Weights	Indices for the following months:					Changes in % over:		
		Dec. 12	Sept. 13	Oct. 13	Nov. 13	Dec. 13	1 month	3 months	12 months
GENERAL INDEX	10,000	116.9	124.1	124.5	123.3	121.2	-1.72	-2.31	3.65
Local Goods Index	7,947	117.7	126.4	126.9	125.2	122.6	-2.08	-2.98	4.15
Food and non-alcoholic beverages	2,982	125.9	141.5	142.3	137.9	130.8	-5.14	-7.56	3.87
Housing, water, electricity, gas and other fuels	2,134	110.9	111.4	111.6	111.1	110.8	-0.30	-0.59	-0.07
Transport	759	125.8	126.6	127.1	127.2	127.2	0.01	0.47	1.12
Imported Goods Index	2,053	113.8	115.0	114.9	115.9	115.6	-0.23	0.53	1.64
Food and non-alcoholic beverages	555	114.2	120.3	119.8	120.0	118.9	-0.92	-1.22	4.11
Furnishing, household equipment	196	100.2	100.8	99.6	99.7	99.3	-0.48	-1.47	-0.89
Transport	430	129.8	126.7	127.2	130.2	130.4	0.13	2.90	0.46
Fresh Products index⁽¹⁾	1,403	135.6	168.5	168.8	158.4	142.2	-10.25	-15.63	4.88
Energy index	767	123.0	123.5	124.4	123.9	123.1	-0.67	-0.36	0.04
General Index excluding fresh Products and energy⁽²⁾	7,829	113.0	116.1	116.5	117.0	117.2	0.24	0.95	3.76

(1) Fresh products are food products which have seasonal fluctuations

(2) Proxy for underlying inflation

ALL RURAL CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Dec. 12	Sept. 13	Oct. 13	Nov. 13	Dec. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	121.4	132.6	135.2	135.17	128.42	-4.99	-3.14	5.78
01	Food and non-alcoholic beverages	6387	128.5	146.1	149.9	148.9	138.37	-7.04	-5.28	7.69
0111	❖ Bread and cereals	1203	117.3	103.9	105.6	111.6	112.57	0.82	8.32	-4.04
0112	❖ Meat	169	120.1	116.7	116.9	117.2	117.69	0.39	0.81	-2.00
0113	❖ Fish	72	127.4	171.2	171.6	185.3	173.25	-6.49	1.18	35.99
0117	❖ Vegetables	3213	142.1	181.8	187.3	180.8	160.00	-11.48	-12.00	12.63
012	❖ Non-alcoholic beverages	196	102.1	104.9	106.7	106.0	107.64	1.58	2.64	5.40
02	Alcoholic beverages and tobacco	424	107.5	102.1	101.6	104.6	104.37	-0.19	2.23	-2.89
03	Clothing and footwear	348	122.5	120.1	120.2	120.6	120.95	0.33	0.71	-1.27
04	Housing, water, electricity, gas and other fuels	1274	104.4	103.8	104.6	109.4	108.68	-0.69	4.73	4.08
05	Furnishing, household equipment and routine household maintenance	277	108.5	106.3	107.0	105.9	105.94	0.02	-0.34	-2.37
06	Health	112	104.3	105.7	106.0	106.0	105.91	-0.05	0.16	1.52
07	Transport	426	109.1	109.2	109.7	108.8	109.49	0.59	0.30	0.36
08	Communication	51	92.0	92.4	92.4	92.5	92.52	0.01	0.09	0.52
09	Recreation and culture	112	104.8	104.8	105.6	104.0	104.30	0.32	-0.46	-0.47
10	Education	137	121.1	129.9	129.9	129.9	129.89	0.00	0.00	7.27
11	Restaurants and hotels	222	115.5	120.7	120.9	121.3	121.21	-0.08	0.41	4.91
12	Miscellaneous goods and services	230	109.4	113.8	114.1	113.9	114.01	0.13	0.14	4.25

ALL RWANDA CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Dec. 12	Sept. 13	Oct. 13	Nov. 13	Dec. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	119.9	129.7	131.5	131.1	125.9	-3.95	-2.86	5.08
01	Food and non-alcoholic beverages	5422	127.5	144.3	147.4	145.8	136.3	-6.53	-5.58	6.88
0111	❖ Bread and cereals	1044	117.6	106.3	107.9	112.9	113.6	0.67	6.87	-3.41
0112	❖ Meat	205	118.4	116.2	115.9	116.6	117.1	0.38	0.74	-1.12
0113	❖ Fish	76	129.1	166.1	168.4	178.9	168.9	-5.62	1.70	30.80
0117	❖ Vegetables	2531	139.8	179.8	184.1	176.3	155.8	-11.63	-13.36	11.41
012	❖ Non-alcoholic beverages	184	105.4	108.9	110.0	109.3	110.9	1.39	1.80	5.21
02	Alcoholic beverages and tobacco	362	110.3	107.1	107.3	109.6	109.7	0.09	2.47	-0.54
03	Clothing and footwear	358	119.4	117.1	117.5	118.1	118.6	0.43	1.35	-0.61
04	Housing, water, electricity, gas and other fuels	1589	107.4	107.3	107.9	110.2	109.7	-0.50	2.18	2.09
05	Furnishing, household equipment and routine household maintenance	338	107.0	105.9	106.1	105.5	105.6	0.13	-0.26	-1.28
06	Health	130	103.9	105.3	105.2	105.2	105.3	0.12	0.05	1.38
07	Transport	685	119.8	119.5	120.0	120.3	120.6	0.26	0.95	0.68
08	Communication	131	91.7	91.5	91.5	91.6	91.6	0.00	0.02	-0.12
09	Recreation and culture	161	105.0	105.8	105.7	105.0	105.1	0.10	-0.65	0.10
10	Education	203	126.0	155.1	155.1	155.1	155.1	0.00	0.00	23.18
11	Restaurants and hotels	336	109.5	115.6	116.1	117.0	117.4	0.37	1.58	7.24
12	Miscellaneous goods and services	288	108.5	112.1	112.2	112.1	112.4	0.19	0.20	3.58

METHODOLOGICAL NOTICE

The Consumer Price Index (CPI) is a measure of the average change over time of goods and services purchased by households. The CPI uses a Modified Laspeyres formula to calculate the index. The reference population for the CPI consists of all households, urban and rural, living in Rwanda.

The household basket includes 1,136 products observed in many places spread all over the administrative centers of all provinces in Rwanda. All kinds of places of observation are selected: shops, markets, services etc. More than 29,200 prices are collected every month by enumerators of the National Institute of Statistics of Rwanda and of the National Bank of Rwanda.

The index reference, or base, for the CPI is February 2009.

The weights used for the index are the result of the Household Living Conditions Survey (EICV II) conducted in 2005-2006 with a sample of 6,900 households.

How to Interpret the CPI

Movements of the indexes from one month to another usually are expressed as percent changes rather than changes in index points. The level of the index (relative to its base period) affects index point changes, but it does not affect percent changes. The following example illustrates how to calculate percent changes:

Index point change

CPI	178
Less CPI for previous period	<u>176</u>
Equals index point change	2

Percent change

Index point difference	2
Divided by the previous index	176
Equals	0.011
Results multiplied by 100	0.011 x 100
Equals percent change	1.1

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