

REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

CONSUMER PRICE INDEX (CPI) January 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 January 2013 the All Urban general index is established at 118.5 this stands for an increase of 1.37% over the previous month which was 116.9. In annual change it increased by 5.67% compared to 3.88% in the previous month. This gives a general inflation rate by an annual average of 6.1% during the month of January 2013.

The underlying inflation rate (excluding fresh food and energy) is increased by 1.89% if compared to the previous month and increased by 4.68% on annual change. The annual average underlying inflation rate is + 3.7% in January 2013 down from the previous month 3.9%.

All Rural Index:

In January 2013 the All Rural general index is established at 119.8 this stands for a decrease of 1.28% over the previous month which was 121.4. In annual change it increased by 11.79% compared to 11.96% in the previous month.

All Rwanda Index:

In January 2013 the All Rwanda general index is established at 119.4 this stands for a decrease of 0.40% over the previous month which was 119.9. In annual change it increased by 9.65% compared to 9.16% in the previous month.

Feb 2009=100	Jan. 12	Feb. 12	Mar. 12	April 12	May 12	June 12	July 12	Aug. 12	Sept. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13
All Urban General Index	112.2	113.3	115.8	116.1	117.8	116.9	117.0	117.8	118.0	118.4	117.9	116.9	118.5
Annual change	7.81	7.85	8.18	6.95	8.32	5.92	5.57	5.81	5.63	5.36	4.55	3.88	5.67
All Rural General Index	107.2	109.2	114.2	116.8	118.7	118.2	119.6	121.3	123.2	125.3	124.0	121.4	119.8
Annual change	8.53	10.91	14.22	11.50	12.09	11.17	12.26	13.63	14.04	15.01	13.04	11.96	11.79
All Rwanda General Index	108.9	110.6	114.7	116.5	118.3	117.7	118.7	120.1	121.4	123.0	121.9	119.9	119.4
Annual change	8.28	9.83	12.08	9.92	10.79	9.34	9.93	10.91	11.13	11.68	10.11	9.16	9.65

ALL URBAN CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Jan. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	112.2	118.4	117.9	116.9	118.5	1.37	0.09	5.67
01	Food and non-alcoholic beverages	3538	114.8	128.2	126.9	124.0	124.3	0.23	-3.05	8.29
0111	❖ Bread and cereals	733	110.3	116.3	117.6	118.7	118.6	-0.04	1.97	7.58
0112	❖ Meat	274	112.4	115.3	115.7	116.4	116.1	-0.25	0.63	3.25
0113	❖ Fish	83	135.5	136.4	133.3	132.0	131.8	-0.14	-3.3	-2.69
0117	❖ Vegetables	1200	116.2	144.2	138.4	128.2	129.7	1.20	-10.03	11.64
012	❖ Non-alcoholic beverages	160	102.2	113.8	113.9	113.1	114.6	1.33	0.74	12.11
02	Alcoholic beverages and tobacco	240	116.5	120.0	120.1	120.1	119.9	-0.23	-0.15	2.92
03	Clothing and footwear	377	112.1	113.3	113.2	113.7	114.5	0.76	1.06	2.13
04	Housing, water, electricity, gas and other fuels	2204	107.4	111.5	111.3	110.8	110.8	0.01	-0.66	3.15
05	Furnishing, household equipment and routine household maintenance	457	102.0	106.2	106.3	107.0	106.5	-0.47	0.31	4.41
06	Health	163	102.4	103.9	103.6	103.3	103.4	0.07	-0.54	0.91
07	Transport	1189	124.9	126.2	126.7	127.2	126.0	-0.96	-0.14	0.88
08	Communication	288	92.2	91.8	91.7	91.5	91.9	0.41	0.18	-0.30
09	Recreation and culture	256	104.1	104.5	104.9	105.0	106.3	1.25	1.75	2.09
10	Education	331	129.9	129.9	129.9	129.9	175.6	35.18	35.18	35.18
11	Restaurants and hotels	558	105.5	105.5	104.8	104.8	105.5	0.63	-0.05	-0.05
12	Miscellaneous goods and services	400	104.3	106.9	107.0	107.5	108.7	1.11	1.63	4.14

In January 2013 the All Urban general index is established at 118.5 this stands for an increase of 1.37% over the previous month which was 116.9. In annual change it increased by 5.67% compared to 3.88% in the previous month. This gives a general inflation rate by an annual average of 6.1% during the month of January 2013.

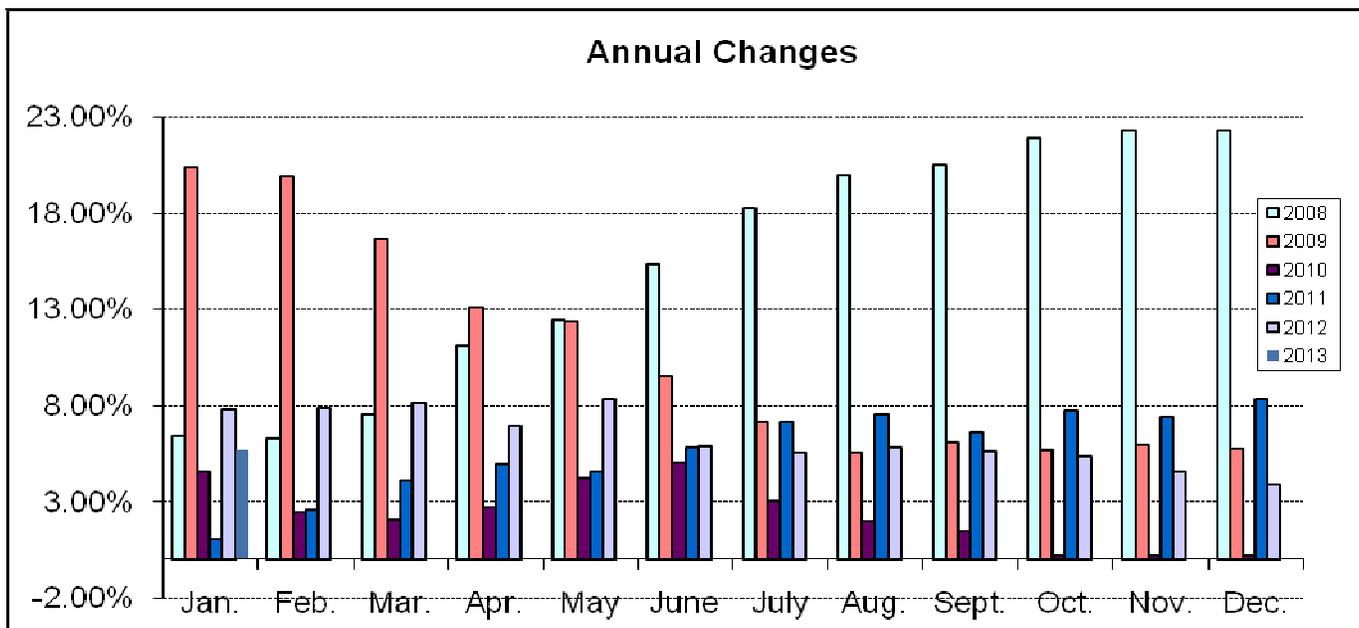
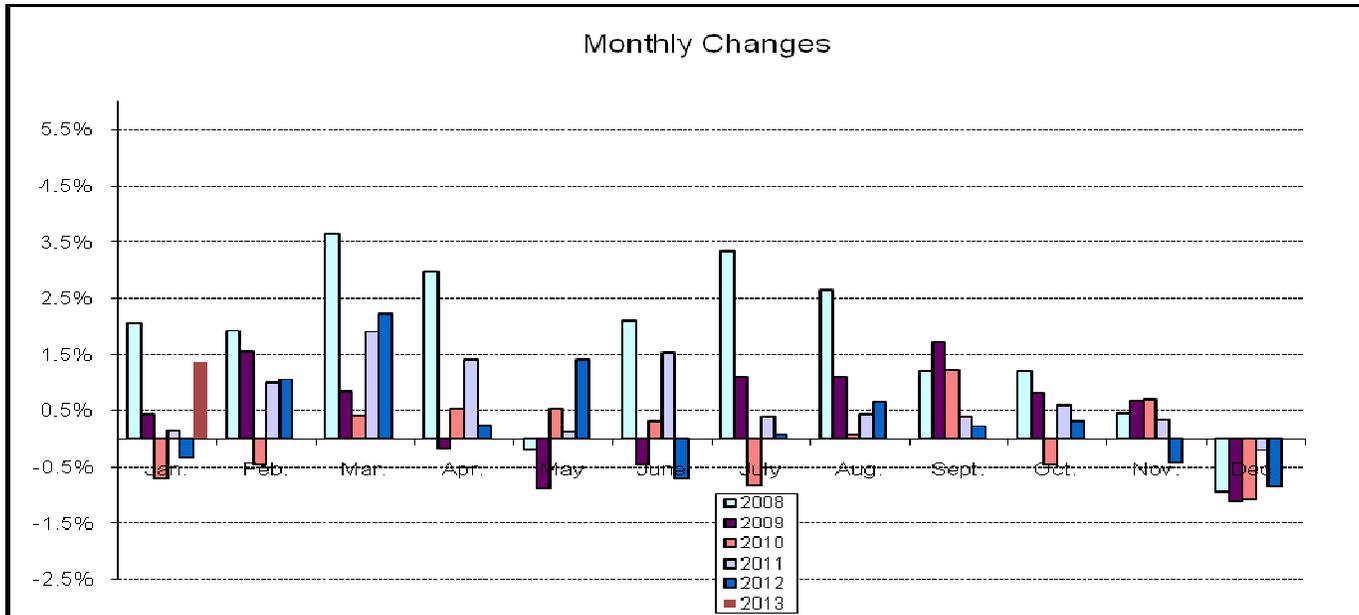
The underlying inflation rate (excluding fresh food and energy) is increased by 1.89% if compared to the previous month and increased by 4.68% on annual change. The annual average underlying inflation rate is + 3.7% in January 2013 down from the previous month 3.9%.

The increase in the consumer price index of 1.37 is attributable primarily to the increase in Food and non-alcoholic beverages (0.23) and Education (35.18).

In annual change, the increase in the general index of 5.67 is mainly due to the rising prices of Food and non alcoholic beverages(8.29), Housing, water, electricity, gas and other fuels (3.15) and Education (35.18) which contributed +3.00, +0.67 and + 1.35 respectively.

The 'local goods' increased by 6.34 on annual change with a monthly change of 1.81, while prices of the imported products increased by 3.04 on annual change with a monthly change of -0.38.

The prices of the fresh products had a positive annual change of 10.69 between January 2013 and January 2012.

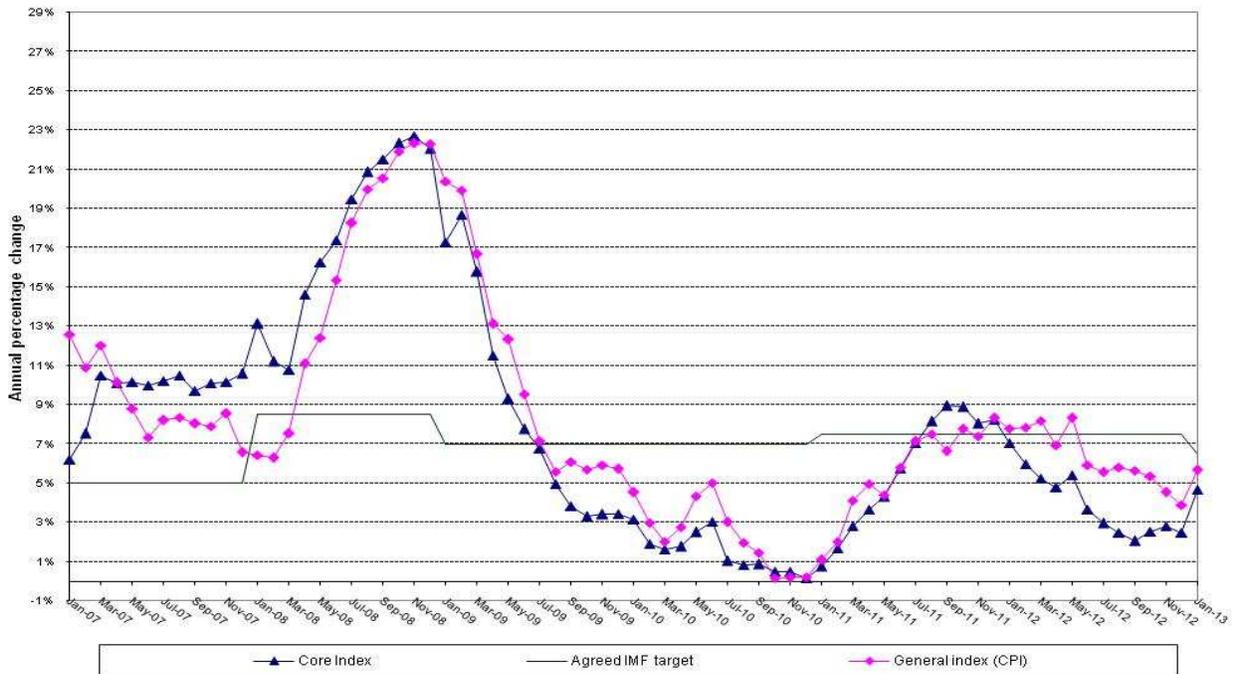


Evolution (over 12 months) of the rate of inflation (%)⁽¹⁾

MONTH	Jan. 12	Feb. 12	Mar. 12	April 12	May 12	June 12	July 12	Aug. 12	Sept. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13
General index	6.2	6.6	7.0	7.2	7.5	7.5	7.3	7.2	7.1	6.9	6.7	6.3	6.1
Core / Underlying	6.2	6.6	6.8	6.9	6.9	6.8	6.4	5.9	5.3	4.8	4.4	3.9	3.7

(1) In January 2013, the average index of the last twelve months February 2012 to January 2013 increased by 6.1 (general index) And 3.7 (Core index) compared to the average index of the previous twelve months (February 2011 to January 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:		
		Jan. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	1 month	3 months	12 months
GENERAL INDEX	10,000	112.2	118.4	117.9	116.9	118.5	1.37	0.09	5.67
Local Goods Index	7,947	112.7	119.7	119.1	117.7	119.9	1.81	0.15	6.34
Food and non-alcoholic beverages	2,982	115.9	130.5	129.2	125.9	126.1	0.15	-3.39	8.81
Housing, water, electricity, gas and other fuels	2,134	107.4	111.6	111.4	110.9	110.9	0.01	-0.69	3.27
Transport	759	125.9	125.7	125.9	125.8	125.7	-0.04	0.03	-0.15
Imported Goods Index	2,053	110.0	113.5	113.3	113.8	113.3	-0.38	-0.14	3.04
Food and non-alcoholic beverages	555	109.2	116.2	114.6	114.2	115.0	0.70	-1.04	5.33
Furnishing, household equipment	196	96.1	98.9	98.8	100.2	99.7	-0.47	0.83	3.72
Transport	430	123.1	127.1	128.3	129.8	126.5	-2.53	-0.45	2.75
Fresh Products index⁽¹⁾	1,403	122.9	146.3	141.8	135.6	136.1	0.36	-7.03	10.69
Energy index	767	114.9	124.1	123.6	123.0	121.2	-1.46	-2.30	5.55
General Index excluding fresh Products and energy⁽²⁾	7,829	110.0	112.9	113.1	113.0	115.1	1.89	2.00	4.68

(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		
			Jan. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	107.2	125.3	124.0	121.4	119.8	-1.28	-4.36	11.79
01	Food and non-alcoholic beverages	6387	107.7	134.7	132.7	128.5	126.2	-1.78	-6.34	17.18
0111	❖ Bread and cereals	1203	101.7	112.8	115.9	117.3	117.3	0.00	3.96	15.35
0112	❖ Meat	169	107.6	116.6	115.6	120.1	117.0	-2.55	0.34	8.74
0113	❖ Fish	72	133.6	132.0	128.9	127.4	129.2	1.38	-2.16	-3.30
0117	❖ Vegetables	3213	119.0	157.3	151.7	142.1	137.6	-3.10	-12.50	15.67
012	❖ Non-alcoholic beverages	196	96.4	101.8	102.1	102.1	103.4	1.22	1.51	7.23
02	Alcoholic beverages and tobacco	424	97.7	107.7	108.6	107.5	105.3	-2.01	-2.24	7.80
03	Clothing and footwear	348	116.9	121.8	121.5	122.5	122.3	-0.16	0.42	4.61
04	Housing, water, electricity, gas and other fuels	1274	104.5	104.7	104.3	104.4	103.7	-0.68	-0.92	-0.77
05	Furnishing, household equipment and routine household maintenance	277	102.9	108.6	107.1	108.5	109.0	0.47	0.41	5.96
06	Health	112	102.3	104.7	104.4	104.3	103.8	-0.51	-0.85	1.46
07	Transport	426	107.3	107.8	109.2	109.1	108.5	-0.53	0.71	1.12
08	Communication	51	95.4	92.4	92.4	92.0	92.8	0.86	0.51	-2.67
09	Recreation and culture	112	108.2	105.1	105.0	104.8	104.0	-0.80	-1.12	-3.93
10	Education	137	121.1	121.1	121.1	121.1	129.9	7.27	7.27	7.27
11	Restaurants and hotels	222	111.3	115.2	115.4	115.5	114.9	-0.59	-0.28	3.21
12	Miscellaneous goods and services	230	108.3	107.3	107.9	109.4	109.9	0.53	2.47	1.51

ALL RWANDA CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Jan. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	108.9	123.0	121.9	119.9	119.4	-0.40	-2.91	9.65
01	Food and non-alcoholic beverages	5422	109.3	133.3	131.4	127.5	125.8	-1.35	-5.64	15.11
0111	❖ Bread and cereals	1044	103.7	113.7	116.3	117.6	117.6	-0.01	3.48	13.39
0112	❖ Meat	205	109.8	116.0	115.6	118.4	116.6	-1.53	0.47	6.19
0113	❖ Fish	76	134.3	133.6	130.5	129.1	130.2	0.80	-2.60	-3.07
0117	❖ Vegetables	2531	118.5	155.2	149.5	139.8	136.4	-2.47	-12.14	15.04
012	❖ Non-alcoholic beverages	184	98.1	105.4	105.5	105.4	106.7	1.25	1.26	8.73
02	Alcoholic beverages and tobacco	362	101.9	110.5	111.2	110.3	108.6	-1.57	-1.73	6.55
03	Clothing and footwear	358	115.2	118.8	118.5	119.4	119.5	0.15	0.64	3.75
04	Housing, water, electricity, gas and other fuels	1589	105.9	107.9	107.6	107.4	107.0	-0.34	-0.79	1.10
05	Furnishing, household equipment and routine household maintenance	338	101.8	106.7	105.9	107.0	107.0	0.04	0.37	5.12
06	Health	130	102.4	104.4	104.1	103.9	103.6	-0.27	-0.72	1.23
07	Transport	685	117.7	118.6	119.5	119.8	118.8	-0.80	0.18	0.97
08	Communication	131	93.0	91.9	91.9	91.7	92.2	0.53	0.26	-0.92
09	Recreation and culture	161	106.2	104.9	105.1	105.0	105.4	0.35	0.44	-0.77
10	Education	203	126.0	126.0	126.0	126.0	155.1	23.18	23.18	23.18
11	Restaurants and hotels	336	108.0	109.7	109.5	109.5	109.6	0.07	-0.15	1.42
12	Miscellaneous goods and services	288	106.4	107.1	107.5	108.5	109.3	0.80	2.07	2.73

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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