

REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

CONSUMER PRICE INDEX (CPI) April 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 April 2013 the All Urban general index is established at 121.2 this stands for an increase of 1.34% over the previous month which was 119.6. In annual change it increased by 4.37% compared to 3.25% in the previous month. This gives a general inflation rate by an annual average of 5.2% during the month of April 2013.

The underlying inflation rate (excluding fresh food and energy) is increased by 0.71% if compared to the previous month and increased by 5.19% on annual change. The annual average underlying inflation rate is + 3.7% in April 2013 up from the previous month 3.6%.

All Rural Index:

In April 2013 the All Rural general index is established at 123.9 this stands for an increase of 1.84% over the previous month which was 121.7. In annual change it increased by 6.13% compared to 6.55% in the previous month.

All Rwanda Index:

In April 2013 the All Rwanda general index is established at 123.0 this stands for an increase of 1.67% over the previous month which was 121.0. In annual change it increased by 5.53% compared to 5.42% in the previous month.

Feb 2009=100	April 12	May 12	June 12	July 12	Aug. 12	Sept. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13	April 13
All Urban General Index	116.1	117.8	116.9	117.0	117.8	118.0	118.4	117.9	116.9	118.5	118.8	119.6	121.2
Annual change	6.95	8.32	5.92	5.57	5.81	5.63	5.36	4.55	3.88	5.67	4.79	3.25	4.37
All Rural General Index	116.8	118.7	118.2	119.6	121.3	123.2	125.3	124.0	121.4	119.8	119.8	121.7	123.9
Annual change	11.50	12.09	11.17	12.26	13.63	14.04	15.01	13.04	11.96	11.79	9.74	6.55	6.13
All Rwanda General Index	116.5	118.3	117.7	118.7	120.1	121.4	123.0	121.9	119.9	119.4	119.4	121.0	123.0
Annual change	9.92	10.79	9.34	9.93	10.91	11.13	11.68	10.11	9.16	9.65	8.01	5.42	5.53

ALL URBAN CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			April 12	Jan. 13	Feb. 13	Mar. 13	April 13	1 month	3 months	12 months
	GENERAL INDEX	10000	116.1	118.5	118.8	119.6	121.2	1.34	2.25	4.37
01	Food and non-alcoholic beverages	3538	124.6	124.3	124.5	126.5	129.7	2.53	4.33	4.07
0111	❖ Bread and cereals	733	113.2	118.6	117.5	116.8	117.0	0.19	-1.40	3.31
0112	❖ Meat	274	114.2	116.1	115.5	116.1	115.3	-0.64	-0.64	0.98
0113	❖ Fish	83	138.6	131.8	137.6	152.2	157.0	3.16	19.1	13.24
0117	❖ Vegetables	1200	141.7	129.7	132.1	138.3	145.2	5.04	11.95	2.51
012	❖ Non-alcoholic beverages	160	111.1	114.6	115.8	115.9	115.8	-0.05	1.03	4.24
02	Alcoholic beverages and tobacco	240	114.7	119.9	120.2	122.3	123.8	1.25	3.32	7.92
03	Clothing and footwear	377	110.8	114.5	113.6	113.2	114.2	0.94	-0.25	3.09
04	Housing, water, electricity, gas and other fuels	2204	109.8	110.8	111.2	111.1	112.4	1.18	1.44	2.39
05	Furnishing, household equipment and routine household maintenance	457	102.6	106.5	107.2	107.5	107.5	-0.04	0.91	4.74
06	Health	163	103.3	103.4	102.9	102.9	103.7	0.73	0.32	0.39
07	Transport	1189	124.7	126.0	126.3	126.9	127.6	0.55	1.26	2.30
08	Communication	288	93.3	91.9	92.0	91.8	92.0	0.21	0.07	-1.39
09	Recreation and culture	256	104.0	106.3	106.1	105.8	106.7	0.82	0.35	2.53
10	Education	331	129.9	175.6	175.6	175.6	175.6	0.00	0.00	35.18
11	Restaurants and hotels	558	104.9	105.5	106.2	106.4	106.3	-0.13	0.75	1.33
12	Miscellaneous goods and services	400	105.3	108.7	109.4	109.8	109.6	-0.21	0.85	4.01

In April 2013 the All Urban general index is established at 121.2 this stands for an increase of 1.34% over the previous month which was 119.6. In annual change it increased by 4.37% compared to 3.25% in the previous month. This gives a general inflation rate by an annual average of 5.2% during the month of April 2013.

The underlying inflation rate (excluding fresh food and energy) is increased by 0.71% if compared to the previous month and increased by 5.19% on annual change. The annual average underlying inflation rate is + 3.7% in April 2013 up from the previous month 3.6%.

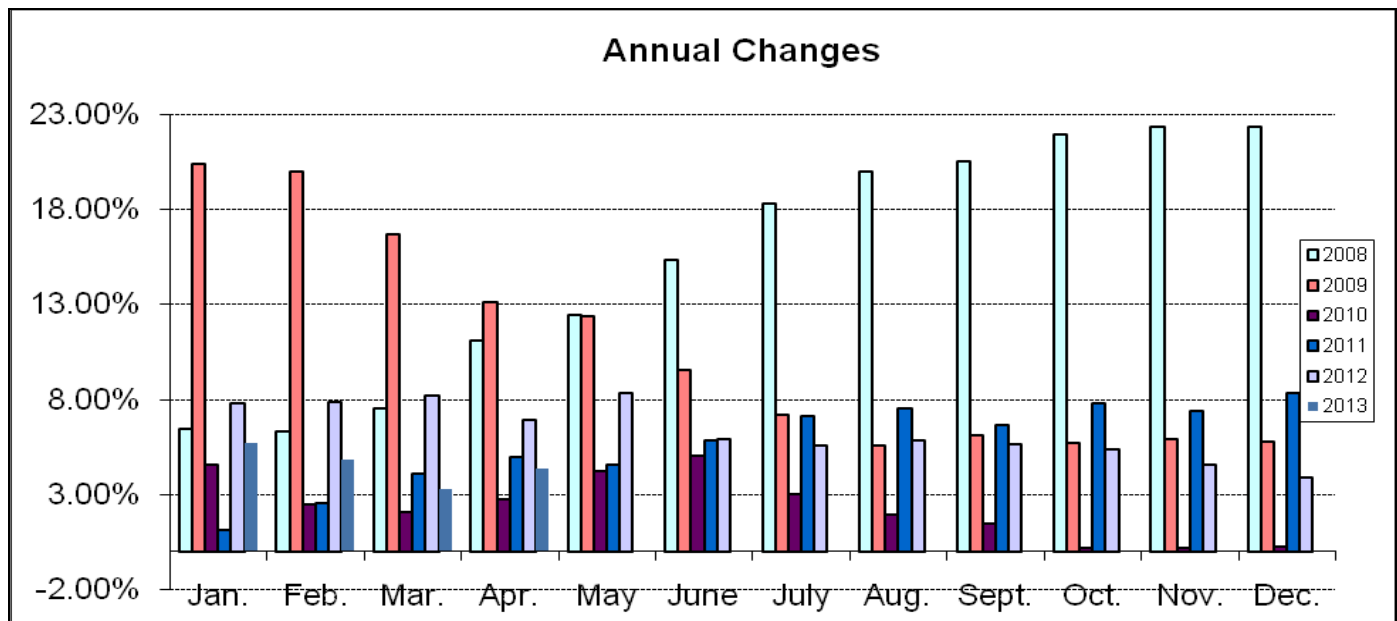
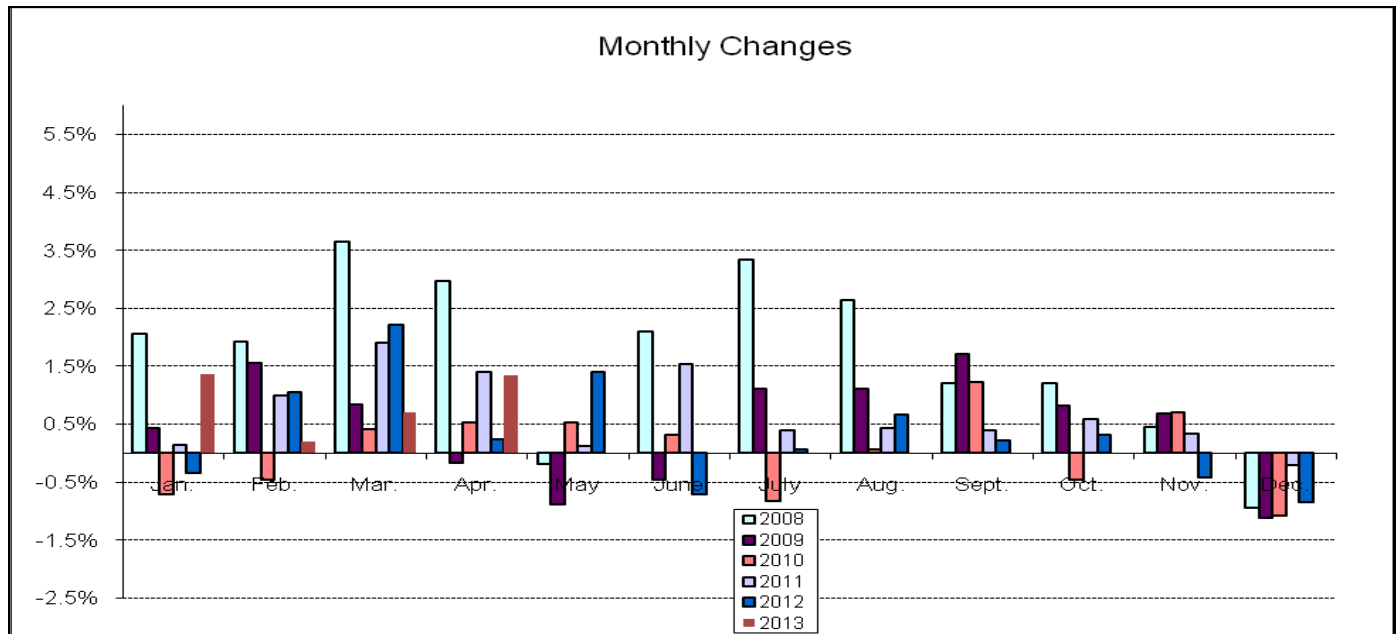
The increase in the consumer price index of 1.34 is attributable primarily to the increase in Food and non-alcoholic beverages (2.53), Housing, water, electricity, gas and other fuels (1.18) and Transport (0.55).

It is noted that the increase of 2.53 in prices of Food and non alcoholic beverages is primary attributable to the increase of 5.04 of vegetables.

In annual change, the increase in the general index of 4.37 is mainly due to the rising prices of Food and non alcoholic beverages (4.07), Housing, water, electricity, gas and other fuels (2.39) and Education (35.18) which contributed +1.55 ; 0.50 and + 1.30 respectively.

The 'local goods' increased by 4.48 on annual change with a monthly change of 1.50, while prices of the imported products increased by 3.96 on annual change with a monthly change of 0.68.

The prices of the fresh products had a positive annual change of 0.04 between April 2013 and April 2012.

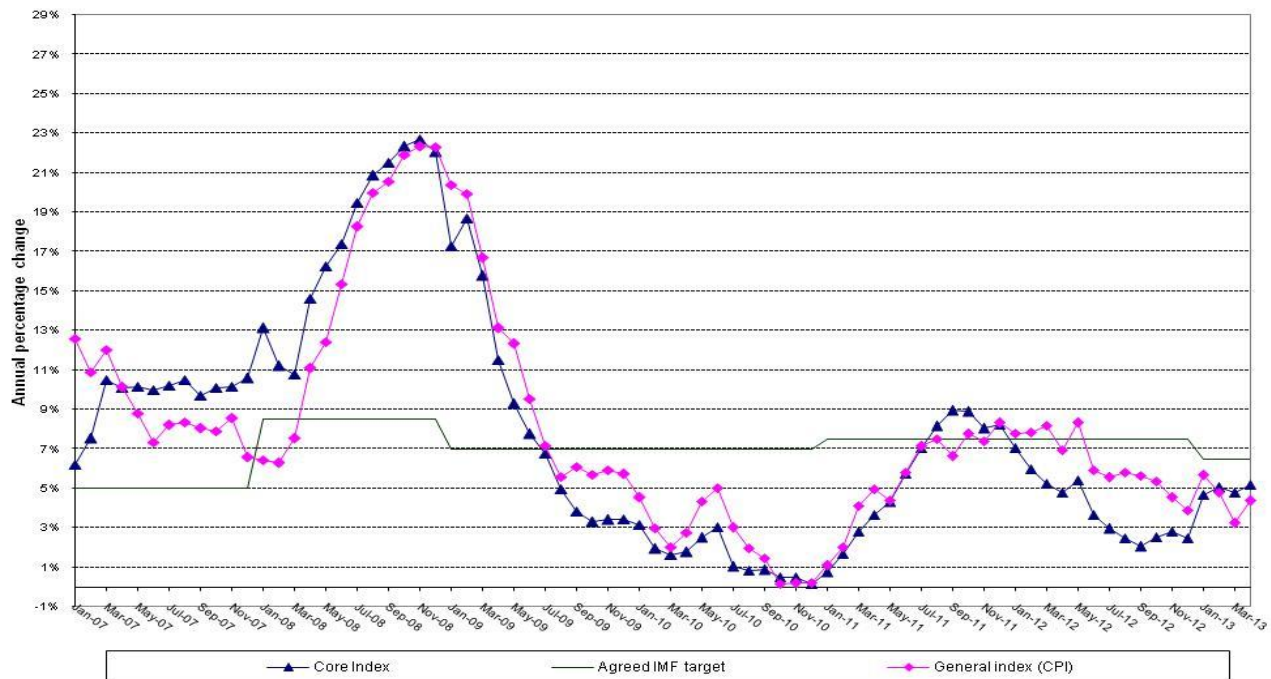


Evolution (over 12 months) of the rate of inflation (%)⁽¹⁾

MONTH	April 12	May 12	June 12	July 12	Aug. 12	Sept. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13	April 13
General index	7.2	7.5	7.5	7.3	7.2	7.1	6.9	6.7	6.3	6.1	5.9	5.5	5.2
Core / Underlying	6.9	6.9	6.8	6.4	5.9	5.3	4.8	4.4	3.9	3.7	3.7	3.6	3.7

(1) In April 2013, the average index of the last twelve months May 2012 to April 2013 increased by 5.2 (general index) And 3.7 (Core index) compared to the average index of the previous twelve months (May 2011 to April 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:		
		April 12	Jan. 13	Feb. 13	Mar. 13	April 13	1 month	3 months	12 months
GENERAL INDEX	10,000	116.1	118.5	118.8	119.6	121.2	1.34	2.25	4.37
Local Goods Index	7,947	117.5	119.9	120.1	121.0	122.8	1.50	2.43	4.48
Food and non-alcoholic beverages	2,982	127.2	126.1	125.9	128.3	132.0	2.90	4.70	3.77
Housing, water, electricity, gas and other fuels	2,134	109.8	110.9	111.2	111.1	112.6	1.31	1.56	2.58
Transport	759	125.1	125.7	126.6	126.7	126.7	0.02	0.77	1.29
Imported Goods Index	2,053	110.7	113.3	113.6	114.3	115.1	0.68	1.54	3.96
Food and non-alcoholic beverages	555	110.9	115.0	116.7	117.1	117.4	0.33	2.15	5.91
Furnishing, household equipment	196	97.4	99.7	100.5	100.6	100.8	0.15	1.07	3.47
Transport	430	124.1	126.5	125.7	127.3	129.2	1.48	2.12	4.10
Fresh Products index⁽¹⁾	1,403	145.4	136.1	135.9	140.5	145.5	3.52	6.94	0.04
Energy index	767	118.7	121.2	121.8	122.8	126.2	2.83	4.12	6.37
General Index excluding fresh Products and energy⁽²⁾	7,829	110.6	115.1	115.4	115.5	116.4	0.71	1.07	5.19

(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		
			April 12	Jan. 13	Feb. 13	Mar. 13	April 13	1 month	3 months	12 months
	GENERAL INDEX	10000	116.8	119.8	119.8	121.7	123.9	1.84	3.40	6.13
01	Food and non-alcoholic beverages	6387	122.1	126.2	126.0	128.8	132.5	2.91	4.99	8.54
0111	❖ Bread and cereals	1203	108.8	117.3	113.7	110.9	111.8	0.83	-4.68	2.73
0112	❖ Meat	169	110.1	117.0	116.8	116.5	117.4	0.79	0.30	6.56
0113	❖ Fish	72	141.2	129.2	133.5	134.9	142.8	5.87	10.53	1.10
0117	❖ Vegetables	3213	138.0	137.6	139.8	145.8	151.7	4.08	10.21	9.97
012	❖ Non-alcoholic beverages	196	101.1	103.4	103.4	102.6	104.7	2.03	1.23	3.46
02	Alcoholic beverages and tobacco	424	105.0	105.3	106.1	103.7	104.0	0.26	-1.27	-1.01
03	Clothing and footwear	348	120.4	122.3	121.9	121.5	120.4	-0.90	-1.59	0.01
04	Housing, water, electricity, gas and other fuels	1274	102.9	103.7	103.7	105.0	104.4	-0.54	0.70	1.45
05	Furnishing, household equipment and routine household maintenance	277	106.6	109.0	109.4	109.4	107.8	-1.51	-1.16	1.10
06	Health	112	103.3	103.8	104.1	104.8	105.8	0.95	1.98	2.48
07	Transport	426	107.1	108.5	108.6	110.6	109.3	-1.25	0.68	1.97
08	Communication	51	94.2	92.8	93.2	92.3	92.4	0.06	-0.48	-1.91
09	Recreation and culture	112	107.2	104.0	106.4	105.3	103.4	-1.81	-0.54	-3.59
10	Education	137	121.1	129.9	129.9	129.9	129.9	0.00	0.00	7.27
11	Restaurants and hotels	222	113.9	114.9	114.5	114.7	115.0	0.33	0.15	0.97
12	Miscellaneous goods and services	230	108.2	109.9	109.9	109.3	111.4	1.89	1.32	2.95

ALL RWANDA CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			April 12	Jan. 13	Feb. 13	Mar. 13	April 13	1 month	3 months	12 months
	GENERAL INDEX	10000	116.5	119.4	119.4	121.0	123.0	1.67	3.01	5.53
01	Food and non-alcoholic beverages	5422	122.6	125.8	125.7	128.3	131.9	2.82	4.84	7.53
0111	❖ Bread and cereals	1044	109.9	117.6	114.6	112.3	113.0	0.67	-3.89	2.87
0112	❖ Meat	205	112.0	116.6	116.2	116.3	116.4	0.14	-0.12	3.98
0113	❖ Fish	76	140.3	130.2	135.0	141.3	148.1	4.79	13.74	5.55
0117	❖ Vegetables	2531	138.5	136.4	138.5	144.6	150.7	4.23	10.48	8.75
012	❖ Non-alcoholic beverages	184	104.1	106.7	107.1	106.5	107.9	1.36	1.17	3.71
02	Alcoholic beverages and tobacco	362	107.2	108.6	109.3	107.9	108.4	0.51	-0.13	1.13
03	Clothing and footwear	358	117.0	119.5	118.9	118.5	118.2	-0.27	-1.13	1.05
04	Housing, water, electricity, gas and other fuels	1589	106.2	107.0	107.2	107.9	108.2	0.29	1.06	1.90
05	Furnishing, household equipment and routine household maintenance	338	104.1	107.0	107.6	107.7	106.7	-0.91	-0.28	2.54
06	Health	130	103.3	103.6	103.6	104.0	104.9	0.86	1.27	1.59
07	Transport	685	117.5	118.8	119.0	120.2	120.1	-0.13	1.04	2.18
08	Communication	131	93.5	92.2	92.3	91.9	92.1	0.17	-0.07	-1.52
09	Recreation and culture	161	105.7	105.4	106.4	105.7	105.3	-0.35	-0.06	-0.36
10	Education	203	126.0	155.1	155.1	155.1	155.1	0.00	0.00	23.18
11	Restaurants and hotels	336	108.8	109.6	109.8	110.0	110.1	0.08	0.48	1.17
12	Miscellaneous goods and services	288	106.8	109.3	109.7	109.6	110.5	0.89	1.10	3.45

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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