

REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

CONSUMER PRICE INDEX (CPI) March 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 March 2013 the All Urban general index is established at 119.6 this stands for an increase of 0.70% over the previous month which was 118.8. In annual change it increased by 3.25% compared to 4.79% in the previous month. This gives a general inflation rate by an annual average of 5.5% during the month of March 2013.

The underlying inflation rate (excluding fresh food and energy) is increased by 0.12% if compared to the previous month and increased by 4.79% on annual change. The annual average underlying inflation rate is + 3.6% in March 2013 down from the previous month 3.7%.

All Rural Index:

In March 2013 the All Rural general index is established at 121.7 this stands for an increase of 1.55% over the previous month which was 119.8. In annual change it increased by 6.55% compared to 9.74% in the previous month.

All Rwanda Index:

In March 2013 the All Rwanda general index is established at 121.0 this stands for an increase of 1.26% over the previous month which was 119.4. In annual change it increased by 5.42% compared to 8.01% in the previous month.

Feb 2009=100	Mar. 12	April 12	May 12	June 12	July 12	Aug. 12	Sept. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13
All Urban General Index	115.8	116.1	117.8	116.9	117.0	117.8	118.0	118.4	117.9	116.9	118.5	118.8	119.6
Annual change	8.18	6.95	8.32	5.92	5.57	5.81	5.63	5.36	4.55	3.88	5.67	4.79	3.25
All Rural General Index	114.2	116.8	118.7	118.2	119.6	121.3	123.2	125.3	124.0	121.4	119.8	119.8	121.7
Annual change	14.22	11.50	12.09	11.17	12.26	13.63	14.04	15.01	13.04	11.96	11.79	9.74	6.55
All Rwanda General Index	114.7	116.5	118.3	117.7	118.7	120.1	121.4	123.0	121.9	119.9	119.4	119.4	121.0
Annual change	12.08	9.92	10.79	9.34	9.93	10.91	11.13	11.68	10.11	9.16	9.65	8.01	5.42

ALL URBAN CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Mar. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	115.8	116.9	118.5	118.8	119.6	0.70	2.29	3.25
01	Food and non-alcoholic beverages	3538	124.1	124.0	124.3	124.5	126.5	1.65	1.99	1.92
0111	❖ Bread and cereals	733	111.0	118.7	118.6	117.5	116.8	-0.62	-1.62	5.21
0112	❖ Meat	274	113.1	116.4	116.1	115.5	116.1	0.46	-0.25	2.67
0113	❖ Fish	83	136.6	132.0	131.8	137.6	152.2	10.59	15.2	11.38
0117	❖ Vegetables	1200	143.3	128.2	129.7	132.1	138.3	4.67	7.86	-3.54
012	❖ Non-alcoholic beverages	160	111.3	113.1	114.6	115.8	115.9	0.06	2.42	4.13
02	Alcoholic beverages and tobacco	240	111.1	120.1	119.9	120.2	122.3	1.71	1.80	10.04
03	Clothing and footwear	377	111.8	113.7	114.5	113.6	113.2	-0.37	-0.43	1.24
04	Housing, water, electricity, gas and other fuels	2204	109.6	110.8	110.8	111.2	111.1	-0.08	0.27	1.39
05	Furnishing, household equipment and routine household maintenance	457	102.6	107.0	106.5	107.2	107.5	0.28	0.48	4.77
06	Health	163	103.4	103.3	103.4	102.9	102.9	0.03	-0.34	-0.48
07	Transport	1189	124.1	127.2	126.0	126.3	126.9	0.49	-0.26	2.25
08	Communication	288	93.5	91.5	91.9	92.0	91.8	-0.25	0.27	-1.77
09	Recreation and culture	256	104.3	105.0	106.3	106.1	105.8	-0.29	0.78	1.43
10	Education	331	129.9	129.9	175.6	175.6	175.6	0.00	35.18	35.18
11	Restaurants and hotels	558	105.3	104.8	105.5	106.2	106.4	0.18	1.52	1.05
12	Miscellaneous goods and services	400	106.1	107.5	108.7	109.4	109.8	0.33	2.19	3.51

In March 2013 the All Urban general index is established at 119.6 this stands for an increase of 0.70% over the previous month which was 118.8. In annual change it increased by 3.25% compared to 4.79% in the previous month. This gives a general inflation rate by an annual average of 5.5% during the month of March 2013.

The underlying inflation rate (excluding fresh food and energy) is increased by 0.12% if compared to the previous month and increased by 4.79% on annual change. The annual average underlying inflation rate is + 3.6% in March 2013 down from the previous month 3.7%.

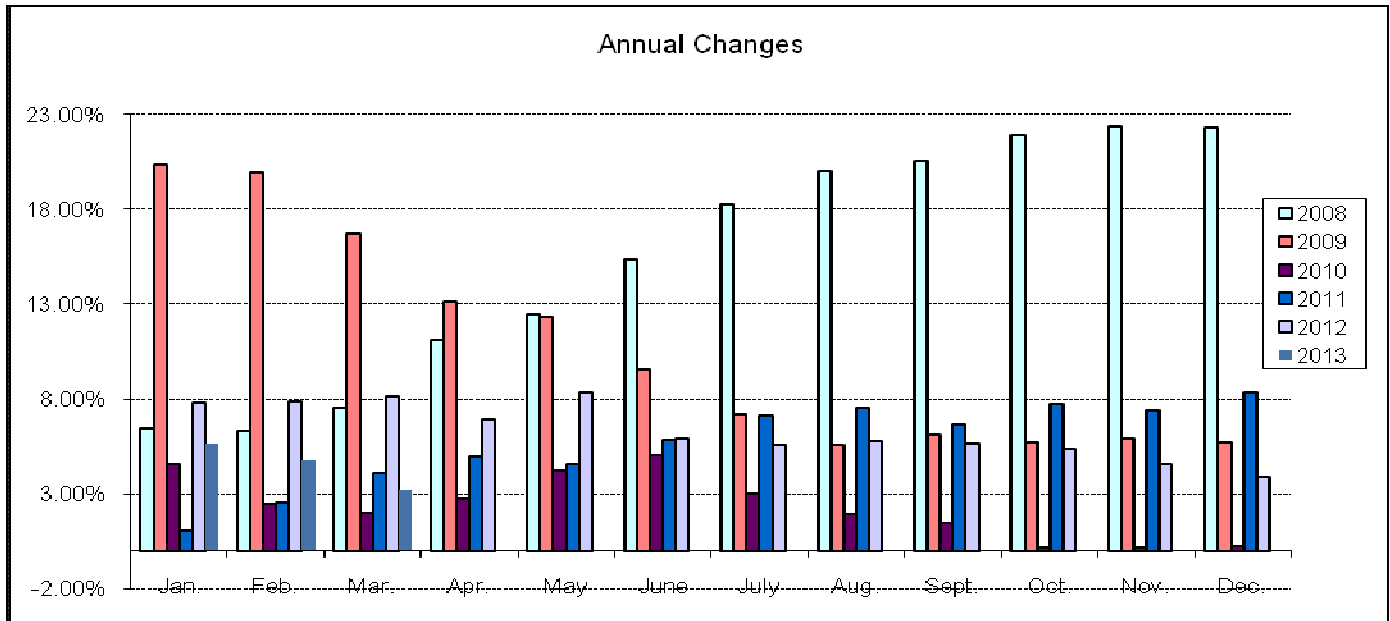
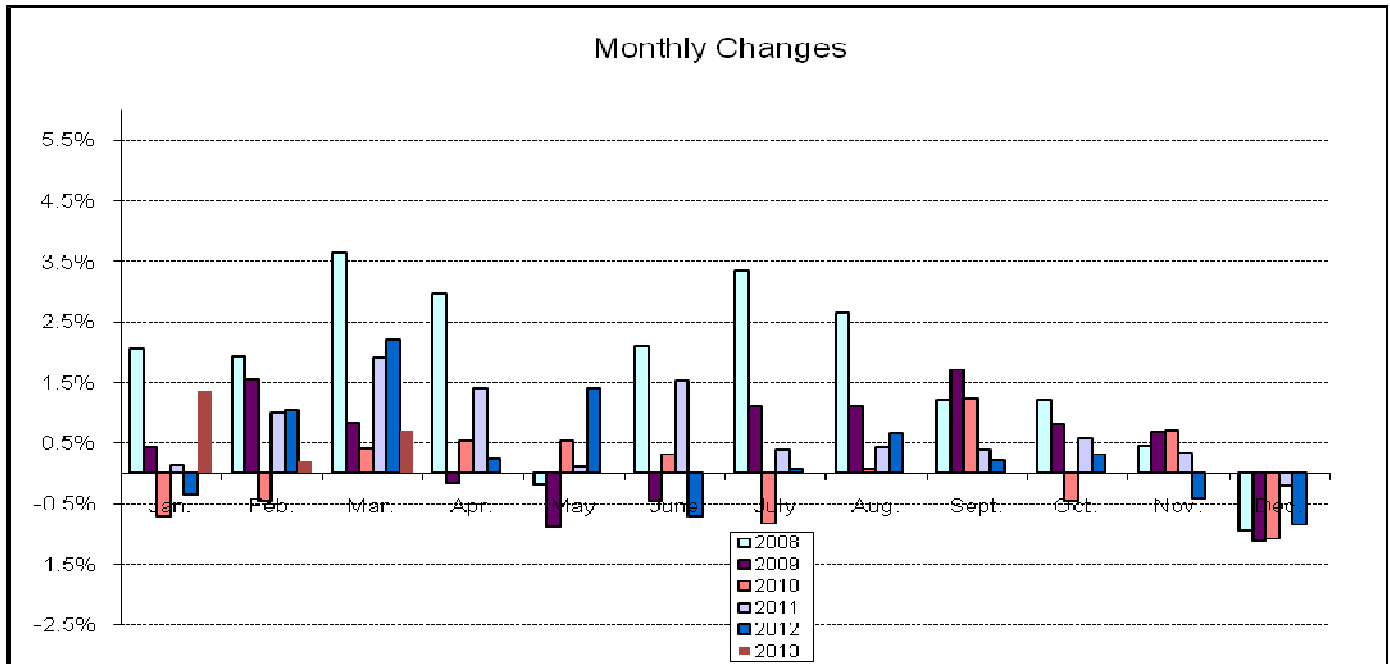
The increase in the consumer price index of 0.70 is attributable primarily to the increase in Food and non-alcoholic beverages (1.65) and Transport (0.49).

It is noted that the increase of 1.65 in prices of Food and non alcoholic beverages is primary attributable to the increase of 4.67 of vegetables, and 10.59 of fish.

In annual change, the increase in the general index of 3.25 is mainly due to the rising prices of Food and non alcoholic beverages(1.92) and Education (35.18) which contributed +0.73 and + 1.30 respectively.

The 'local goods' increased by 3.21 on annual change with a monthly change of 0.73, while prices of the imported products increased by 3.39 on annual change with a monthly change of 0.60.

The prices of the fresh products had a negative annual change of 3.84 between March 2013 and March 2012.

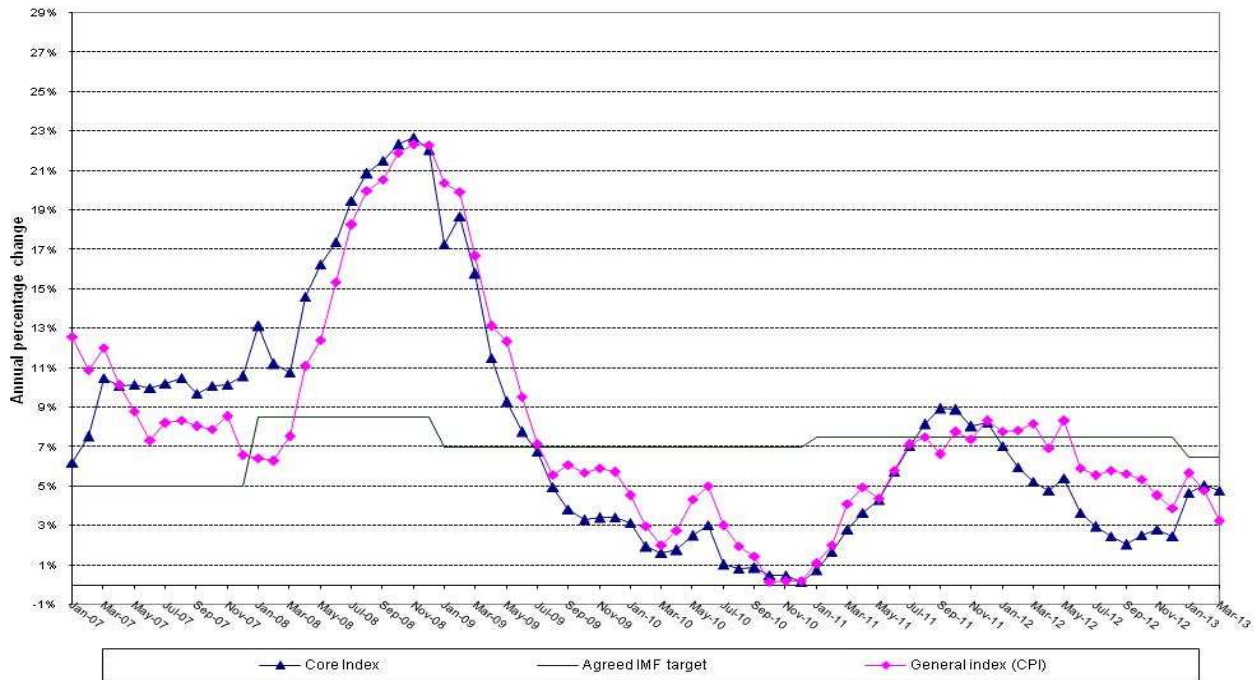


Evolution (over 12 months) of the rate of inflation (%) ⁽¹⁾

MONTH	Mar. 12	April 12	May 12	June 12	July 12	Aug. 12	Sept. 12	Oct. 12	Nov. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13
General index	7.0	7.2	7.5	7.5	7.3	7.2	7.1	6.9	6.7	6.3	6.1	5.9	5.5
Core / Underlying	6.8	6.9	6.9	6.8	6.4	5.9	5.3	4.8	4.4	3.9	3.7	3.7	3.6

(1) In March 2013, the average index of the last twelve months April 2012 to March 2013 increased by 5.5 (general index) And 3.6 (Core index) compared to the average index of the previous twelve months (April 2011 to March 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:		
		Mar. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13	1 month	3 months	12 months
GENERAL INDEX	10,000	115.8	116.9	118.5	118.8	119.6	0.70	2.29	3.25
Local Goods Index	7,947	117.2	117.7	119.9	120.1	121.0	0.73	2.74	3.21
Food and non-alcoholic beverages	2,982	126.6	125.9	126.1	125.9	128.3	1.88	1.90	1.29
Housing, water, electricity, gas and other fuels	2,134	109.5	110.9	110.9	111.2	111.1	-0.09	0.26	1.47
Transport	759	125.1	125.8	125.7	126.6	126.7	0.04	0.71	1.29
Imported Goods Index	2,053	110.6	113.8	113.3	113.6	114.3	0.60	0.46	3.39
Food and non-alcoholic beverages	555	110.6	114.2	115.0	116.7	117.1	0.28	2.53	5.84
Furnishing, household equipment	196	97.0	100.2	99.7	100.5	100.6	0.17	0.45	3.77
Transport	430	122.4	129.8	126.5	125.7	127.3	1.27	-1.91	3.98
Fresh Products index⁽¹⁾	1,403	146.2	135.6	136.1	135.9	140.5	3.44	3.68	-3.84
Energy index	767	117.4	123.0	121.2	121.8	122.8	0.79	-0.23	4.60
General Index excluding fresh Products and energy⁽²⁾	7,829	110.3	113.0	115.1	115.4	115.5	0.12	2.26	4.79

(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		
			Mar. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	114.2	121.4	119.8	119.8	121.7	1.55	0.24	6.55
01	Food and non-alcoholic beverages	6387	118.5	128.5	126.2	126.0	128.8	2.17	0.20	8.68
0111	❖ Bread and cereals	1203	104.6	117.3	117.3	113.7	110.9	-2.43	-5.46	6.07
0112	❖ Meat	169	109.7	120.1	117.0	116.8	116.5	-0.31	-3.02	6.11
0113	❖ Fish	72	144.0	127.4	129.2	133.5	134.9	0.99	5.85	-6.35
0117	❖ Vegetables	3213	136.5	142.1	137.6	139.8	145.8	4.28	2.61	6.76
012	❖ Non-alcoholic beverages	196	101.2	102.1	103.4	103.4	102.6	-0.82	0.43	1.39
02	Alcoholic beverages and tobacco	424	101.8	107.5	105.3	106.1	103.7	-2.29	-3.50	1.86
03	Clothing and footwear	348	118.4	122.5	122.3	121.9	121.5	-0.37	-0.85	2.62
04	Housing, water, electricity, gas and other fuels	1274	101.9	104.4	103.7	103.7	105.0	1.24	0.56	3.04
05	Furnishing, household equipment and routine household maintenance	277	107.1	108.5	109.0	109.4	109.4	-0.01	0.83	2.20
06	Health	112	103.0	104.3	103.8	104.1	104.8	0.70	0.50	1.77
07	Transport	426	106.7	109.1	108.5	108.6	110.6	1.85	1.41	3.71
08	Communication	51	94.4	92.0	92.8	93.2	92.3	-0.96	0.32	-2.23
09	Recreation and culture	112	107.1	104.8	104.0	106.4	105.3	-1.08	0.48	-1.65
10	Education	137	121.1	121.1	129.9	129.9	129.9	0.00	7.27	7.27
11	Restaurants and hotels	222	113.9	115.5	114.9	114.5	114.7	0.11	-0.77	0.66
12	Miscellaneous goods and services	230	111.8	109.4	109.9	109.9	109.3	-0.51	-0.04	-2.22

ALL RWANDA CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Mar. 12	Dec. 12	Jan. 13	Feb. 13	Mar. 13	1 month	3 months	12 months
	GENERAL INDEX	10000	114.7	119.9	119.4	119.4	121.0	1.26	0.92	5.42
01	Food and non-alcoholic beverages	5422	119.7	127.5	125.8	125.7	128.3	2.05	0.59	7.14
0111	❖ Bread and cereals	1044	106.1	117.6	117.6	114.6	112.3	-1.99	-4.54	5.85
0112	❖ Meat	205	111.2	118.4	116.6	116.2	116.3	0.04	-1.78	4.52
0113	❖ Fish	76	141.3	129.1	130.2	135.0	141.3	4.62	9.42	0.02
0117	❖ Vegetables	2531	137.6	139.8	136.4	138.5	144.6	4.34	3.38	5.04
012	❖ Non-alcoholic beverages	184	104.1	105.4	106.7	107.1	106.5	-0.54	1.06	2.25
02	Alcoholic beverages and tobacco	362	103.9	110.3	108.6	109.3	107.9	-1.30	-2.21	3.82
03	Clothing and footwear	358	116.0	119.4	119.5	118.9	118.5	-0.37	-0.71	2.15
04	Housing, water, electricity, gas and other fuels	1589	105.5	107.4	107.0	107.2	107.9	0.59	0.42	2.24
05	Furnishing, household equipment and routine household maintenance	338	104.4	107.0	107.0	107.6	107.7	0.13	0.68	3.18
06	Health	130	103.2	103.9	103.6	103.6	104.0	0.41	0.14	0.81
07	Transport	685	116.9	119.8	118.8	119.0	120.2	1.00	0.37	2.80
08	Communication	131	93.7	91.7	92.2	92.3	91.9	-0.44	0.28	-1.89
09	Recreation and culture	161	105.6	105.0	105.4	106.4	105.7	-0.64	0.65	0.04
10	Education	203	126.0	126.0	155.1	155.1	155.1	0.00	23.18	23.18
11	Restaurants and hotels	336	109.1	109.5	109.6	109.8	110.0	0.15	0.46	0.87
12	Miscellaneous goods and services	288	109.1	108.5	109.3	109.7	109.6	-0.11	1.00	0.41

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

Contacts

National Institute of Statistics of Rwanda (NISR), P.O. BOX 6139 Kigali, Tel.: (250) 571035 Fax: (250) 570705. Web site: www.statistics.gov.rw /CPI Indexes

Publication Director: MURANGWA Yusuf. yusuf.murangwa@statistics.gov.rw, Director General of the NISR

Director of Economic Statistics Department: MANZI Sébastien. sebastien.manzi@statistics.gov.rw, NISR;

Principal Research Statistician in charge of Prices : Oscar SIBOMANA. oscar.sibomana@statistics.gov.rw, NISR;

Senior Officer, Economic Statistics & Management Information system Database at the NBR: Callixte KARAMAGE. ckaramage@yahoo.fr; ckaramage@bnr.rw