

REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

CONSUMER PRICE INDEX (CPI) April 2012

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 15th**

All Urban Index:

In April 2012 the All Urban general index is established at 116.1 this stands for an increase of 0.24% over the previous month which was 115.8. In annual change it increased by 6.95% compared to 8.18% in the previous month. This gives a general inflation rate by an annual average of 7.2% during the month of April 2012.

The underlying inflation rate (excluding fresh food and energy) is increased by 0.33% if compared to the previous month and increased by 4.80% on annual change. The annual average underlying inflation rate is + 6.9 % in April 2012 up from the previous month 6.8 %.

All Rural Index:

In April 2012 the All Rural general index is established at 116.8 this stands for an increase of 2.24% over the previous month which was 114.2. In annual change it increased by 11.50% compared to 14.22% in the previous month.

All Rwanda Index:

In April 2012 the All Rwanda general index is established at 116.5 this stands for an increase of 1.56% over the previous month which was 114.7. In annual change it increased by 9.92% compared to 12.08% in the previous month.

Feb 2009=100	April 11	May 11	June 11	July 11	Aug. 11	Sept. 11	Oct. 11	Nov. 11	Dec. 11	Jan. 12	Feb. 12	Mar. 12	April 12
All Urban General Index	108.6	108.7	110.4	110.8	111.3	111.8	112.4	112.8	112.6	112.2	113.3	115.8	116.1
Annual change	4.98	4.54	5.82	7.14	7.52	6.64	7.76	7.39	8.34	7.81	7.85	8.18	6.95
All Rural General Index	104.7	105.9	106.3	106.5	106.8	108.0	108.9	109.7	108.4	107.2	109.2	114.2	116.8
Annual change	2.01	3.42	4.80	7.03	5.61	2.95	3.27	5.11	6.85	8.53	10.91	14.22	11.50
All Rwanda General Index	106.0	106.8	107.7	108.0	108.3	109.3	110.1	110.7	109.8	108.9	110.6	114.7	116.5
Annual change	3.05	3.82	5.49	7.07	6.27	4.20	4.77	5.88	7.35	8.28	9.83	12.08	9.92

ALL URBAN CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			April 11	Jan. 12	Feb. 12	Mar. 12	April 12	1 month	3 months	12 months
	GENERAL INDEX	10000	108.6	112.2	113.3	115.8	116.1	0.24	3.53	6.95
01	Food and non-alcoholic beverages	3538	110.5	114.8	118.9	124.1	124.6	0.41	8.56	12.83
0111	❖ Bread and cereals	733	100.2	110.3	109.2	111.0	113.2	2.03	2.68	13.00
0112	❖ Meat	274	102.3	112.4	112.3	113.1	114.2	1.02	1.60	11.62
0113	❖ Fish	83	120.6	135.5	138.2	136.6	138.6	1.47	2.3	14.92
0117	❖ Vegetables	1200	116.9	116.2	129.7	143.3	141.7	-1.16	21.92	21.20
012	❖ Non-alcoholic beverages	160	98.8	102.2	112.6	111.3	111.1	-0.16	8.66	12.47
02	Alcoholic beverages and tobacco	240	111.8	116.5	115.4	111.1	114.7	3.24	-1.47	2.60
03	Clothing and footwear	377	105.5	112.1	110.4	111.8	110.8	-0.87	-1.18	5.07
04	Housing, water, electricity, gas and other fuels	2204	103.3	107.4	106.8	109.6	109.8	0.20	2.20	6.31
05	Furnishing, household equipment and routine household maintenance	457	99.0	102.0	102.9	102.6	102.6	-0.01	0.59	3.67
06	Health	163	101.2	102.4	102.6	103.4	103.3	-0.15	0.84	2.01
07	Transport	1189	120.7	124.9	123.7	124.1	124.7	0.49	-0.15	3.32
08	Communication	288	100.0	92.2	91.6	93.5	93.3	-0.18	1.18	-6.68
09	Recreation and culture	256	105.7	104.1	104.2	104.3	104.0	-0.26	-0.07	-1.55
10	Education	331	127.6	129.9	129.9	129.9	129.9	0.00	0.00	1.80
11	Restaurants and hotels	558	102.0	105.5	105.3	105.3	104.9	-0.41	-0.63	2.78
12	Miscellaneous goods and services	400	101.7	104.3	105.6	106.1	105.3	-0.69	0.97	3.58

In April 2012 the All Urban general index is established at 116.1 this stands for an increase of 0.24% over the previous month which was 115.8. In annual change it increased by 6.95% compared to 8.18% in the previous month. This gives a general inflation rate by an annual average of 7.2% during the month of April 2012.

The underlying inflation rate (excluding fresh food and energy) is increased by 0.33% if compared to the previous month and increased by 4.80% on annual change. The annual average underlying inflation rate is + 6.9 % in April 2012 up from the previous month 6.8 %.

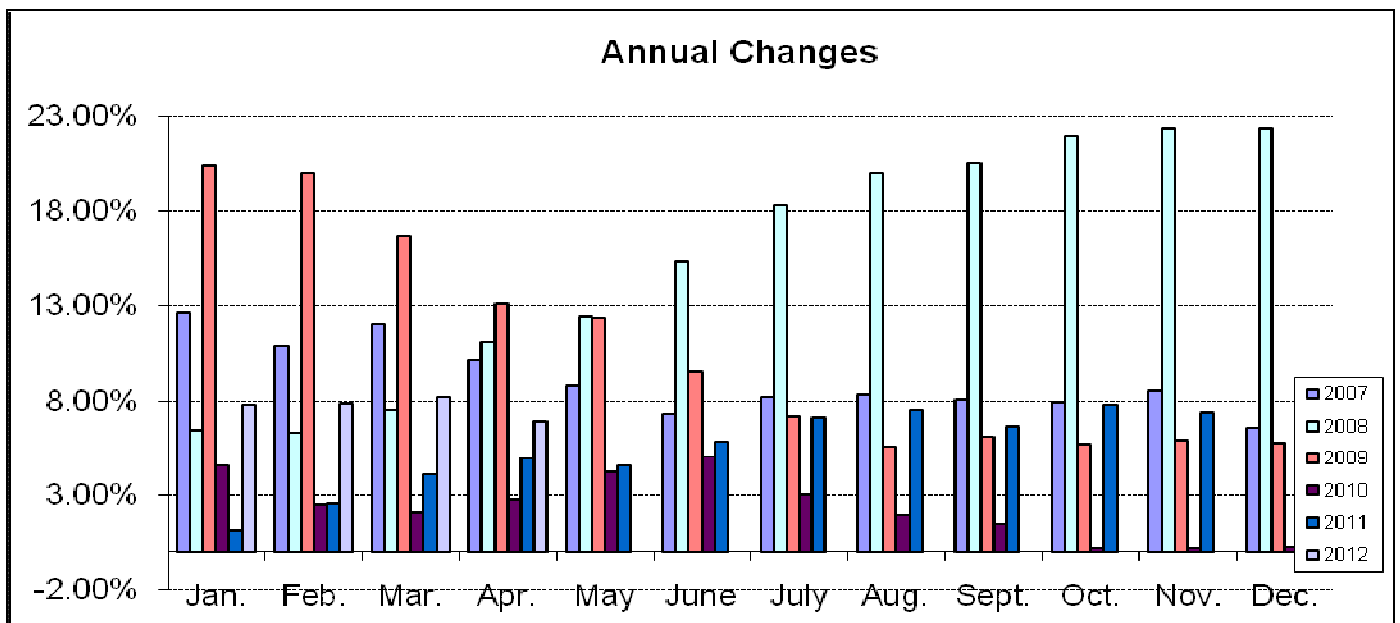
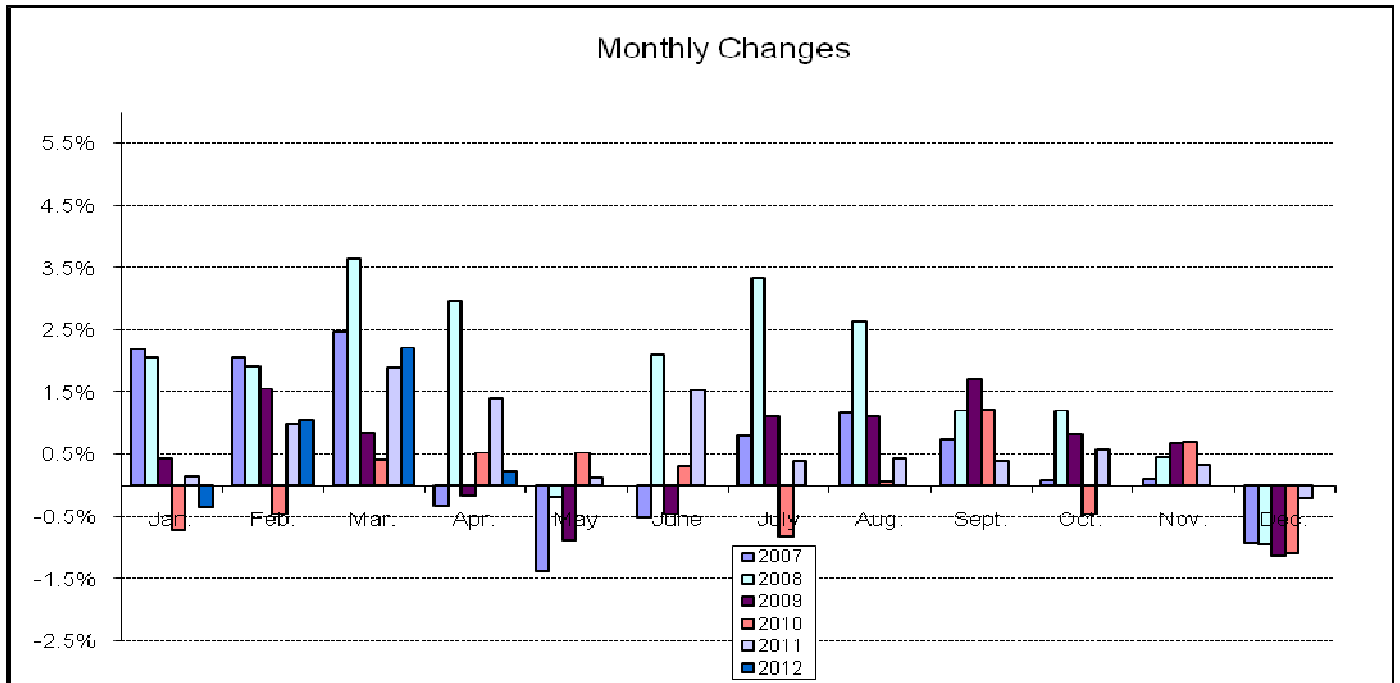
The increase in the consumer price index of 0.24 is attributable primarily to the increase in Food and non-alcoholic beverages (0.41), and Alcoholic beverages and tobacco (3.24).

It is noted that the increase of 0.41 in prices of Food and non alcoholic beverages is primary attributable to the increase of 2.03 of bread and cereals.

In annual change, the increase in the general index of 6.95 is mainly due to the rising prices of Food and non alcoholic beverages(12.83), Housing, water, electricity, gas and other fuels (6.31), and Transport (3.32) which contributed +4.62, +1.32, and +0.44 respectively.

The 'local goods' increased by 7.74 on annual change with a monthly change of 0.27, while prices of the imported products increased by 3.81 on annual change with a monthly change of 0.13.

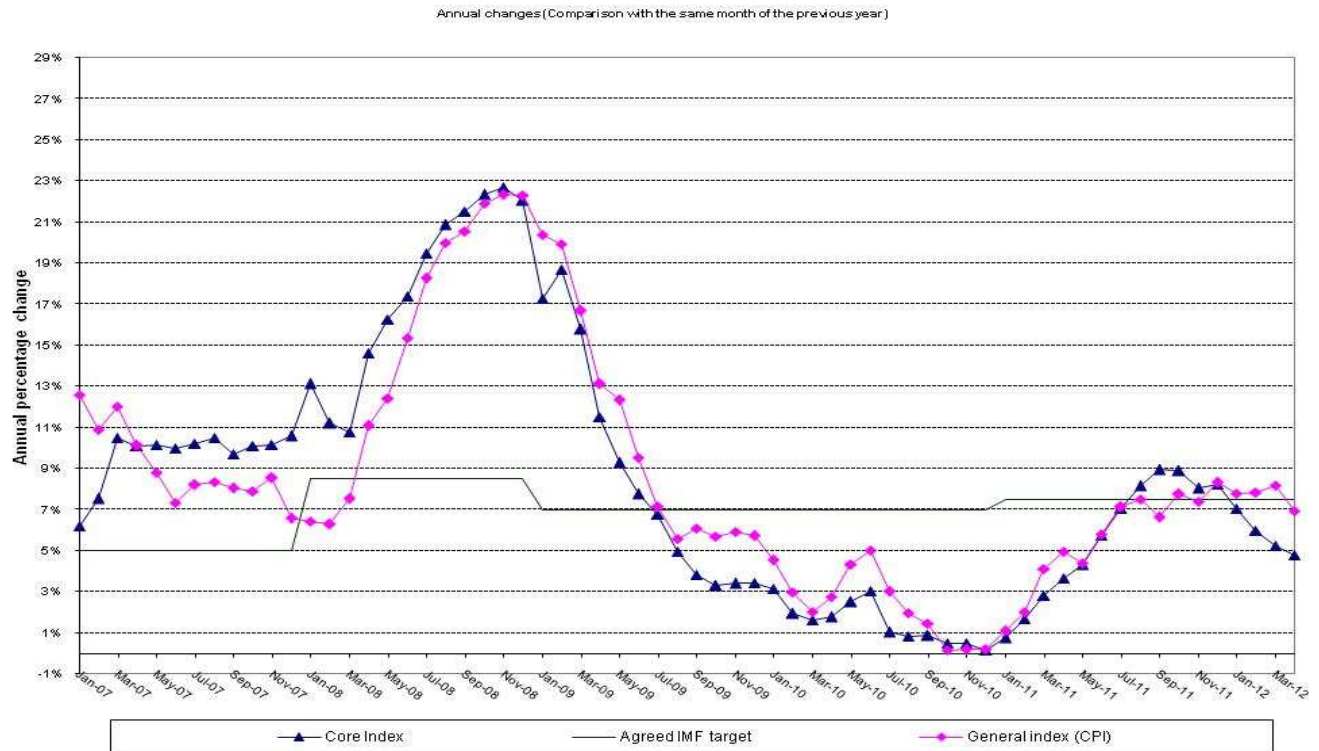
The prices of the fresh products had a positive annual change of 17.17 between April 2012 and April 2011.



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

MONTH	April 11	May 11	June 11	July 11	Aug. 11	Sept. 11	Oct. 11	Nov. 11	Dec. 11	Jan. 12	Feb. 12	Mar. 12	April 12
General index	2.4	2.4	2.5	2.8	3.3	3.7	4.4	5.0	5.6	6.2	6.6	7.0	7.2
Core / Underlying	1.5	1.7	1.9	2.4	3.0	3.7	4.4	4.9	5.7	6.2	6.6	6.8	6.9

(1) In April 2012, the average index of the last twelve months May 2011 to April 2012 increased by 7.2% (general index) And 6.9 % (Core index) compared to the average index of the previous twelve months (May 2010 to April 2011).



Other All Urban Indices

February 2009=100	Weights	Indices for the following months:					Changes in % over:		
		April 11	Jan. 12	Feb. 12	Mar. 12	April 12	1 month	3 months	12 months
GENERAL INDEX	10,000	108.6	112.2	113.3	115.8	116.1	0.24	3.53	6.95
Local Goods Index	7,947	109.1	112.7	114.4	117.2	117.5	0.27	4.26	7.74
Food and non-alcoholic beverages	2,982	112.1	115.9	120.9	126.6	127.2	0.43	9.78	13.50
Housing, water, electricity, gas and other fuels	2,134	103.5	107.4	106.7	109.5	109.8	0.20	2.24	6.08
Transport	759	118.4	125.9	125.2	125.1	125.1	0.01	-0.66	5.66
Imported Goods Index	2,053	106.6	110.0	109.2	110.6	110.7	0.13	0.64	3.81
Food and non-alcoholic beverages	555	101.8	109.2	108.4	110.6	110.9	0.26	1.60	8.89
Furnishing, household equipment	196	96.0	96.1	97.0	97.0	97.4	0.44	1.32	1.44
Transport	430	124.9	123.1	121.2	122.4	124.1	1.36	0.79	-0.60
Fresh Products index⁽¹⁾	1,403	124.1	122.9	133.4	146.2	145.4	-0.49	18.32	17.17
Energy index	767	111.0	114.9	112.2	117.4	118.7	1.13	3.32	6.88
General Index excluding fresh Products and energy⁽²⁾	7,829	105.6	110.0	109.8	110.3	110.6	0.33	0.59	4.80

(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 11	Jan. 12	Feb. 12	Mar. 12	April 12	1 month	3 months	12 months
	GENERAL INDEX	10000	104.7	107.2	109.2	114.2	116.8	2.24	8.92	11.50
01	Food and non-alcoholic beverages	6387	105.6	107.7	110.8	118.5	122.1	3.05	13.35	15.61
0111	❖ Bread and cereals	1203	92.4	101.7	98.7	104.6	108.8	4.10	7.02	17.76
0112	❖ Meat	169	100.4	107.6	109.2	109.7	110.1	0.36	2.35	9.65
0113	❖ Fish	72	113.2	133.6	137.4	144.0	141.2	-1.93	5.73	24.81
0117	❖ Vegetables	3213	119.1	119.0	126.8	136.5	138.0	1.04	15.93	15.84
012	❖ Non-alcoholic beverages	196	94.6	96.4	101.2	101.2	101.1	-0.01	4.92	6.91
02	Alcoholic beverages and tobacco	424	105.0	97.7	101.3	101.8	105.0	3.17	7.52	0.03
03	Clothing and footwear	348	107.8	116.9	116.8	118.4	120.4	1.68	2.94	11.64
04	Housing, water, electricity, gas and other fuels	1274	98.3	104.5	103.3	101.9	102.9	1.02	-1.51	4.73
05	Furnishing, household equipment and routine household maintenance	277	110.2	102.9	107.2	107.1	106.6	-0.44	3.59	-3.27
06	Health	112	101.8	102.3	102.3	103.0	103.3	0.26	0.97	1.45
07	Transport	426	105.4	107.3	106.5	106.7	107.1	0.44	-0.16	1.64
08	Communication	51	96.2	95.4	94.8	94.4	94.2	-0.26	-1.24	-2.13
09	Recreation and culture	112	106.0	108.2	107.5	107.1	107.2	0.16	-0.90	1.19
10	Education	137	112.6	121.1	121.1	121.1	121.1	0.00	0.00	7.57
11	Restaurants and hotels	222	107.0	111.3	113.2	113.9	113.9	0.02	2.38	6.52
12	Miscellaneous goods and services	230	101.8	108.3	104.5	111.8	108.2	-3.24	-0.10	6.28

ALL RWANDA CONSUMER PRICE INDEX

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			April 11	Jan. 12	Feb. 12	Mar. 12	April 12	1 month	3 months	12 months
	GENERAL INDEX	10000	106.0	108.9	110.6	114.7	116.5	1.56	7.04	9.92
01	Food and non-alcoholic beverages	5422	106.7	109.3	112.6	119.7	122.6	2.44	12.24	14.97
0111	❖ Bread and cereals	1044	94.3	103.7	101.2	106.1	109.9	3.58	5.93	16.56
0112	❖ Meat	205	101.3	109.8	110.6	111.2	112.0	0.66	2.00	10.55
0113	❖ Fish	76	115.9	134.3	137.7	141.3	140.3	-0.71	4.45	20.99
0117	❖ Vegetables	2531	118.7	118.5	127.3	137.6	138.5	0.68	16.87	16.69
012	❖ Non-alcoholic beverages	184	95.8	98.1	104.5	104.1	104.1	-0.06	6.06	8.59
02	Alcoholic beverages and tobacco	362	106.5	101.9	104.5	103.9	107.2	3.19	5.22	0.63
03	Clothing and footwear	358	107.0	115.2	114.5	116.0	117.0	0.81	1.51	9.33
04	Housing, water, electricity, gas and other fuels	1589	100.6	105.9	104.9	105.5	106.2	0.62	0.26	5.49
05	Furnishing, household equipment and routine household maintenance	338	104.5	101.8	104.6	104.4	104.1	-0.29	2.22	-0.38
06	Health	130	101.6	102.4	102.5	103.2	103.3	0.09	0.91	1.69
07	Transport	685	114.4	117.7	116.7	116.9	117.5	0.47	-0.15	2.68
08	Communication	131	99.0	93.0	92.4	93.7	93.5	-0.20	0.54	-5.55
09	Recreation and culture	161	105.7	106.2	105.8	105.6	105.7	0.05	-0.47	-0.04
10	Education	203	118.7	126.0	126.0	126.0	126.0	0.00	0.00	6.15
11	Restaurants and hotels	336	104.2	108.0	108.8	109.1	108.8	-0.21	0.73	4.46
12	Miscellaneous goods and services	288	101.8	106.4	105.0	109.1	106.8	-2.07	0.39	5.01

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, Acting Director of the DES;

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