

REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

CONSUMER PRICE INDEX (CPI) March 2010

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 March 2010 the All Urban general index is established at 102.9 this stands for an increase of 0.39% over the previous month which was 102.5. In annual change it increased by 2.05% compared to 2.46% in the previous month. This gives a general inflation rate by an annual average of 6.5% during the month of March 2010.

The underlying inflation rate (excluding fresh food and energy) is decreased by 0.14% if compared to the previous month and increased 1.62% on annual change. The annual average underlying inflation rate is + 5.0% in March 2010 down from the previous month (6.1%).

All Rural Index:

In March 2010 the All Rural general index is established at 105.4 this stands for an increase of 0.91% over the previous month which was 104.4. In annual change it increased by 1.86% compared to 4.42% in the previous month.

All Rwanda Index:

In March 2010 the All Rwanda general index is established at 104.5 this stands for an increase of 0.76% over the previous month which was 103.7. In annual change it increased by 1.92% compared to 3.72% in the previous month.

Feb 2009=100	Mar. 09	April 09	May 09	June 09	July 09	Aug. 09	Sept. 09	Oct. 09	Nov. 09	Dec. 09	Jan. 10	Feb. 10	Mar. 10
All Urban General Index	100.8	100.7	99.8	99.3	100.4	101.5	103.3	104.1	104.8	103.7	102.9	102.5	102.9
Annual change	16.68	13.13	12.35	9.54	7.17	5.57	6.09	5.70	5.93	5.74	4.54	2.46	2.05
All Rural General Index	103.4	103.0	103.9	100.5	104.5	104.3	106.3	109.3	113.4	112.4	108.3	104.4	105.4
Annual change												4.42	1.86
All Rwanda General Index	102.5	102.2	102.5	100.1	103.1	103.3	105.3	107.5	110.5	109.4	106.4	103.7	104.5
Annual change												3.72	1.92

ALL URBAN CONSUMER PRICE INDEX

Base 100: February 2009

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Mar. 09	Dec. 09	Jan. 10	Feb. 10	Mar. 10	1 month	3 months	12 months
	GENERAL INDEX	10000	100.8	103.7	102.9	102.5	102.9	0.39	-0.77	2.05
01	Food and non-alcoholic beverages	3538	102.9	106.2	103.8	102.1	103.1	1.02	-2.88	0.23
0111	❖ Bread and cereals	733	101.7	100.9	102.5	100.4	99.8	-0.63	-1.14	-1.91
0112	❖ Meat	274	99.2	95.4	94.5	95.2	93.8	-1.44	-1.68	-5.44
0113	❖ Fish	83	101.0	104.2	102.5	103.8	102.9	-0.92	-1.31	1.83
0117	❖ Vegetables	1200	106.6	113.7	105.1	103.5	108.4	4.71	-4.71	1.71
012	❖ Non-alcoholic beverages	160	99.5	96.9	98.1	99.0	98.2	-0.85	1.29	-1.34
02	Alcoholic beverages and tobacco	240	103.7	108.1	109.1	108.5	112.2	3.43	3.76	8.20
03	Clothing and footwear	377	100.2	101.0	100.9	100.8	100.9	0.05	-0.15	0.64
04	Housing, water, electricity, gas and other fuels	2204	100.4	100.2	100.4	99.3	99.2	-0.18	-1.08	-1.20
05	Furnishing, household equipment and routine household maintenance	457	100.2	99.0	98.6	99.1	98.2	-0.87	-0.77	-1.93
06	Health	163	100.3	101.2	102.0	102.2	102.3	0.10	1.13	2.00
07	Transport	1189	100.1	111.5	111.4	112.0	112.2	0.15	0.64	12.10
08	Communication	288	99.5	98.1	98.5	99.5	99.4	-0.08	1.31	-0.04
09	Recreation and culture	256	100.6	99.6	101.2	101.0	100.7	-0.31	1.17	0.12
10	Education	331	100.0	100.0	100.0	106.2	106.4	0.19	6.42	6.42
11	Restaurants and hotels	558	100.1	101.2	101.5	102.4	103.2	0.79	1.99	3.07
12	Miscellaneous goods and services	400	97.7	96.3	96.4	96.0	95.6	-0.46	-0.77	-2.15

In March 2010 the All Urban general index is established at 102.9 this stands for an increase of 0.39% over the previous month which was 102.5. In annual change it increased by 2.05% compared to 2.46% in the previous month. This gives a general inflation rate by an annual average of 6.5% during the month of March 2010.

The underlying inflation rate (excluding fresh food and energy) is decreased by 0.14% if compared to the previous month and increased 1.62% on annual change. The annual average underlying inflation rate is + 5.0% in March 2010 down from the previous month (6.1%).

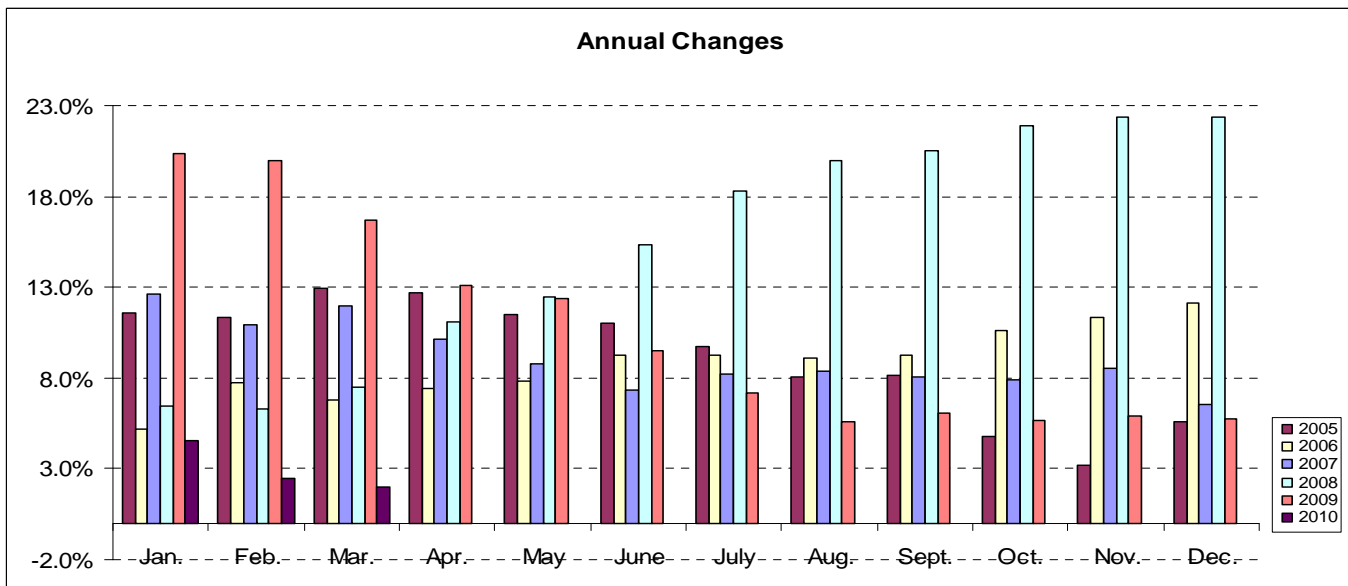
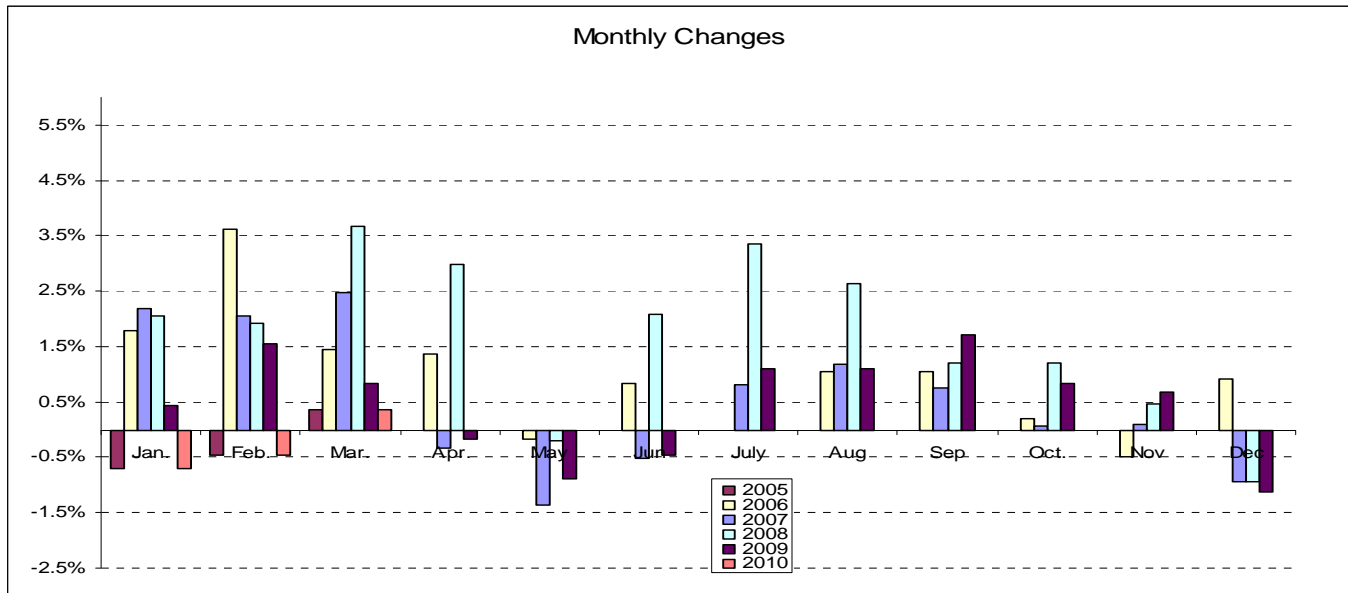
The increase in the consumer prices index of 0.39% is attributable primarily to the increase in Food and non-alcoholic beverages (1.02%) and Alcoholic beverages and tobacco (3.43%).

It is noted that the increase of 1.02% in prices of Food and non-alcoholic beverages is primary attributable to the increase of 4.71% of Vegetables.

In annual change, the increase in the general index of 2.05% is mainly due to the rising prices of Transport (12.10%) which contributed +1.43%. respectively.

The 'local goods' increased by 2.68% on annual change with a monthly variation of +0.45%, while prices of the imported products decreased by 0.38% on annual change with a monthly change of +0.16%.

The prices of the fresh products had a positive annual change of 4.80% between March 2010 and March 2009.

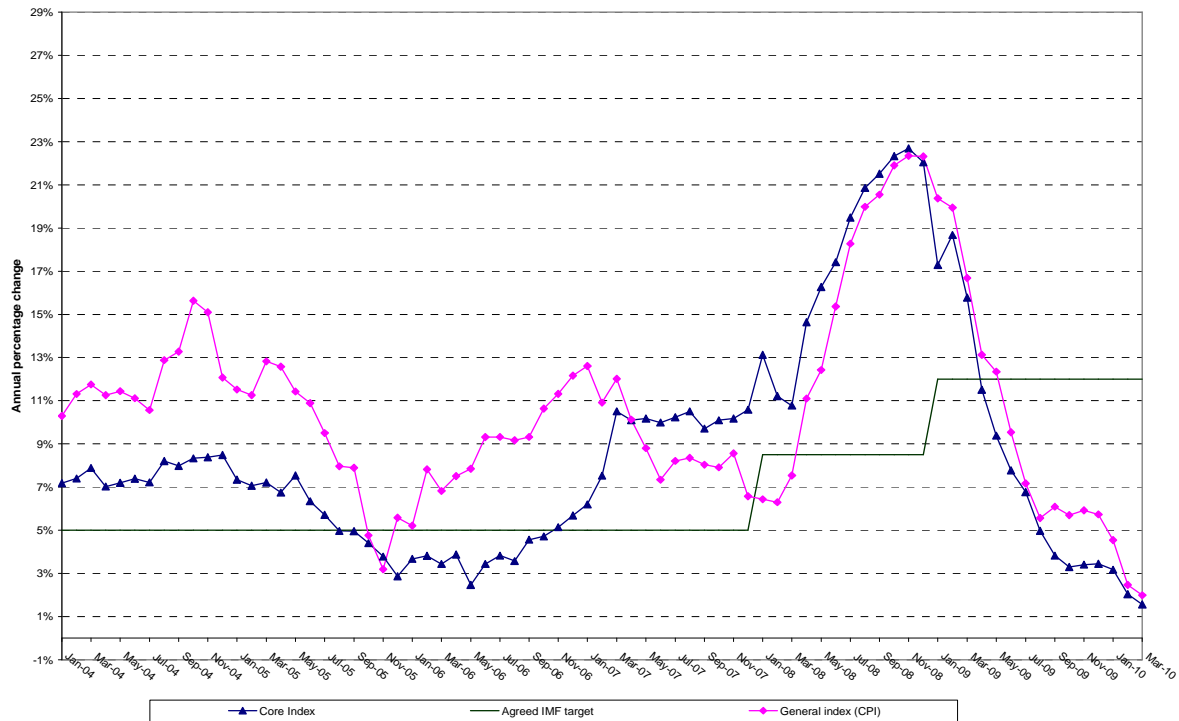


Evolution (over 12 months) of the rate of inflation (%) ⁽¹⁾

MONTH	March 09	April 09	May 09	June 09	July 09	Aug. 09	Sept. 09	Oct. 09	Nov. 09	Dec. 09	Jan. 10	Feb. 10	March 10
General index	18.5	18.6	18.5	17.9	16.9	15.6	14.4	13.0	11.6	10.3	9.1	7.7	6.5
Core / Underlying	19.1	18.7	18.1	17.2	16.0	14.6	13.1	11.5	10.0	8.5	7.4	6.1	5.0

(1) In March 2010 the average index of the last twelve months April 2009 to March 2010 increased by 6.5 % (general index) And 5.0 % (Core index) compared to the average index of the previous twelve months (April 2008 to March 2009).

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



Other All Urban Indices

	Weights	Indices for the following months:				Changes in % over:			
		Mar. 09	Dec. 09	Jan. 10	Feb. 10	Mar. 10	1 month	3 months	12 months
GENERAL INDEX	10,000	100.8	103.7	102.9	102.5	102.9	0.39	-0.77	2.05
Local Goods Index	7,947	100.8	104.6	103.6	103.1	103.5	0.45	-1.02	2.68
Food and non-alcoholic beverages	2,982	102.1	108.2	105.4	103.5	104.7	1.19	-3.28	2.53
Housing, water, electricity, gas and other fuels	2,134	100.3	100.3	100.4	99.4	99.2	-0.21	-1.10	-1.13
Transport	759	99.4	112.7	112.7	113.2	112.7	-0.41	0.04	13.43
Imported Goods Index	2,053	100.7	100.1	100.3	100.1	100.3	0.16	0.23	-0.38
Food and non-alcoholic beverages	555	101.4	95.1	95.0	94.7	94.7	0.03	-0.46	-6.65
Furnishing, household equipment	196	100.3	96.4	96.1	95.7	94.7	-1.03	-1.79	-5.52
Transport	430	101.3	109.3	109.2	109.9	111.2	1.17	1.74	9.80
Fresh Products index⁽¹⁾	1,403	103.1	115.0	108.0	104.8	107.9	3.01	-6.19	4.64
Energy index	767	101.6	102.8	103.4	102.3	103.3	0.91	0.46	1.63
General Index excluding fresh Products and energy⁽²⁾	7,829	100.3	101.7	102.0	102.1	101.9	-0.14	0.21	1.62

(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. 09	Dec. 09	Jan. 10	Feb. 10	Mar. 10	1 month	3 months	12 months
	GENERAL INDEX	10000	103.4	112.4	108.3	104.4	105.4	0.91	-6.27	1.86
01	Food and non-alcoholic beverages	6387	104.7	118.9	112.2	106.3	107.3	0.94	-9.76	2.52
0111	❖ Bread and cereals	1203	97.6	99.6	101.6	98.3	96.0	-2.34	-3.63	-1.62
0112	❖ Meat	169	99.8	99.9	98.5	98.0	96.6	-1.36	-3.27	-3.20
0113	❖ Fish	72	109.8	110.3	121.0	103.2	109.3	5.88	-0.93	-0.52
0117	❖ Vegetables	3213	111.2	140.4	123.1	117.0	119.7	2.33	-14.71	7.72
012	❖ Non-alcoholic beverages	196	100.1	88.8	89.7	89.0	88.9	-0.09	0.06	-11.18
02	Alcoholic beverages and tobacco	424	100.9	95.8	99.2	98.4	102.9	4.51	7.42	1.92
03	Clothing and footwear	348	99.4	101.9	102.4	103.8	105.6	1.76	3.63	6.22
04	Housing, water, electricity, gas and other fuels	1274	103.4	101.6	101.5	101.5	101.4	-0.14	-0.25	-1.97
05	Furnishing, household equipment and routine household maintenance	277	99.9	106.0	105.7	104.3	105.0	0.65	-0.95	5.05
06	Health	112	100.8	103.9	103.7	103.2	101.7	-1.52	-2.19	0.81
07	Transport	426	98.6	101.0	101.7	97.9	98.4	0.47	-2.60	-0.20
08	Communication	51	99.6	96.9	96.7	95.1	95.1	0.00	-1.81	-4.50
09	Recreation and culture	112	100.2	100.5	102.1	99.6	100.6	0.98	0.10	0.40
10	Education	137	100.0	100.1	100.0	108.2	108.5	0.31	8.48	8.52
11	Restaurants and hotels	222	100.6	100.1	100.7	101.3	103.4	2.11	3.31	2.77
12	Miscellaneous goods and services	230	101.8	99.3	97.4	97.6	97.3	-0.24	-2.00	-4.44

ALL RWANDA CONSUMER PRICE INDEX:

February 2009=100

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over		
			Mar. 09	Dec. 09	Jan. 10	Feb. 10	Mar. 10	1 month	3 months	12 months
	GENERAL INDEX	10000	102.5	109.4	106.4	103.7	104.5	0.76	-4.50	1.92
01	Food and non-alcoholic beverages	5422	104.1	116.1	110.3	105.4	106.4	0.97	-8.36	2.22
0111	❖ Bread and cereals	1044	98.6	99.9	101.8	98.8	96.9	-1.92	-3.02	-1.70
0112	❖ Meat	205	99.6	97.9	96.8	96.7	95.4	-1.43	-2.60	-4.23
0113	❖ Fish	76	106.6	108.0	114.3	103.4	106.9	3.38	-0.99	0.28
0117	❖ Vegetables	2531	110.1	136.1	120.1	114.8	117.9	2.68	-13.36	7.12
012	❖ Non-alcoholic beverages	184	99.8	91.2	92.3	91.9	91.6	-0.35	0.44	-8.23
02	Alcoholic beverages and tobacco	362	101.5	98.5	101.4	100.8	105.0	4.17	6.59	3.36
03	Clothing and footwear	358	99.7	101.6	101.9	102.7	103.9	1.14	2.27	4.24
04	Housing, water, electricity, gas and other fuels	1589	102.0	101.0	100.9	100.4	100.3	-0.12	-0.65	-1.64
05	Furnishing, household equipment and routine household maintenance	338	99.4	102.1	101.8	101.2	101.1	-0.09	-0.90	1.73
06	Health	130	100.6	102.7	103.0	102.8	101.9	-0.86	-0.76	1.32
07	Transport	685	99.5	107.2	107.4	106.2	106.5	0.27	-0.62	7.08
08	Communication	131	99.5	97.8	98.3	98.4	98.3	-0.04	0.54	-1.18
09	Recreation and culture	161	100.5	100.0	101.6	100.4	100.7	0.36	0.78	0.27
10	Education	203	100.0	100.0	100.0	107.1	107.4	0.25	7.34	7.36
11	Restaurants and hotels	336	100.4	100.7	101.1	101.9	103.3	1.36	2.59	2.89
12	Miscellaneous goods and services	288	99.3	97.9	96.8	96.8	96.5	-0.30	-1.39	-2.85

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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