

## REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

**CONSUMER PRICE INDEX (C.P.I.)**  
**Kigali – December 2009**
**CAUTION**

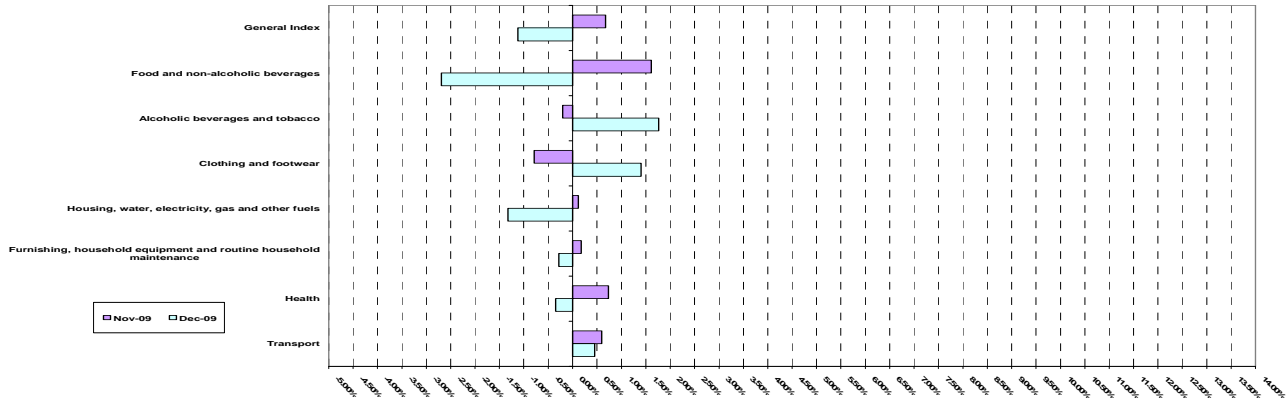
The National Institute of Statistics of Rwanda is very pleased to deliver to users the new Consumer Price Index (CPI) based in February 2009 that replaces the previous one which was based in 2003.

**The Index is published every month by the 15th.**

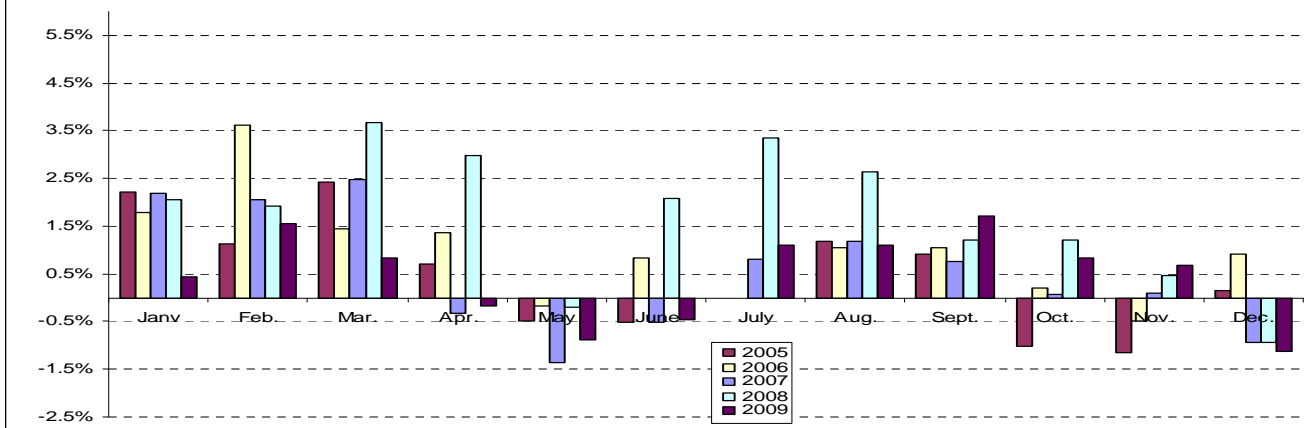
Base 100: February 2009

	Divisions ❖ Groups	Weights	Indices for the following months:					Changes in % over					
			Dec. 08	Sept. 09	Oct. 09	Nov. 09	Dec. 09	1 month	3 months	12 months			
	<b>GENERAL INDEX</b>	<b>10000</b>	98.0	103.3	104.1	104.8	103.7	<b>-1.12</b>	0.37	5.74			
<b>01</b>	<b>Food and non-alcoholic beverages</b>	<b>3538</b>	97.4	105.4	107.4	109.1	106.2	<b>-2.69</b>	0.70	9.02			
0111	❖ Bread and cereals	733	98.1	95.3	95.9	98.6	100.9	<b>2.33</b>	5.92	2.84			
0112	❖ Meat	274	98.5	93.6	94.5	95.3	95.4	0.15	1.99	-3.12			
0113	❖ Fish	83	100.8	102.4	105.6	102.3	104.2	<b>1.94</b>	1.81	3.44			
0117	❖ Vegetables	1200	94.3	123.3	124.9	126.5	113.7	<b>-10.06</b>	-7.76	20.66			
<b>012</b>	<b>❖ Non-alcoholic beverages</b>	<b>160</b>	98.3	98.0	98.6	98.5	96.9	<b>-1.59</b>	-1.14	-1.36			
<b>02</b>	<b>Alcoholic beverages and tobacco</b>	<b>240</b>	99.6	103.8	106.5	106.3	108.1	<b>1.76</b>	4.21	8.63			
<b>03</b>	<b>Clothing and footwear</b>	<b>377</b>	99.1	100.7	100.4	99.6	101.0	<b>1.41</b>	0.27	1.94			
<b>04</b>	<b>Housing, water, electricity, gas and other fuels</b>	<b>2204</b>	99.3	100.7	101.5	101.6	100.2	<b>-1.32</b>	-0.44	0.96			
<b>05</b>	<b>Furnishing, household equipment and routine household maintenance</b>	<b>457</b>	99.4	100.1	99.1	99.3	99.0	-0.28	-1.08	-0.36			
<b>06</b>	<b>Health</b>	<b>163</b>	102.0	100.6	100.8	101.5	101.2	-0.35	0.56	-0.78			
<b>07</b>	<b>Transport</b>	<b>1189</b>	99.7	109.7	110.3	111.0	111.5	0.45	1.58	11.75			
<b>08</b>	<b>Communication</b>	<b>288</b>	101.2	99.7	99.4	99.0	98.1	-0.91	-1.58	-3.02			
<b>09</b>	<b>Recreation and culture</b>	<b>256</b>	97.8	98.7	98.5	99.8	99.6	-0.23	0.83	1.84			
<b>10</b>	<b>Education</b>	<b>331</b>	85.2	100.0	100.0	100.0	100.0	0.00	0.00	17.38			
<b>11</b>	<b>Restaurants and hotels</b>	<b>558</b>	99.2	100.2	100.4	100.3	101.2	0.87	0.95	2.02			
<b>12</b>	<b>Miscellaneous goods and services</b>	<b>400</b>	98.3	98.7	96.5	96.3	96.3	0.05	-2.39	-1.98			
<b>Month</b>	<b>Dec. 08</b>	<b>Jan. 09</b>	<b>Feb. 09</b>	<b>Mar. 09</b>	<b>April 09</b>	<b>May 09</b>	<b>June 09</b>	<b>July 09</b>	<b>Aug. 09</b>	<b>Sept. 09</b>	<b>Oct. 09</b>	<b>Nov. 09</b>	<b>Dec. 09</b>
<b>Index ( February 2009 = 100)</b>	98.0	98.5	100.0	100.8	100.7	99.8	99.3	100.4	101.5	103.3	104.1	104.8	103.7
<b>Annual changes</b>	22.32	20.37	19.95	16.68	13.13	12.35	9.54	7.17	5.57	6.09	5.70	5.93	5.74

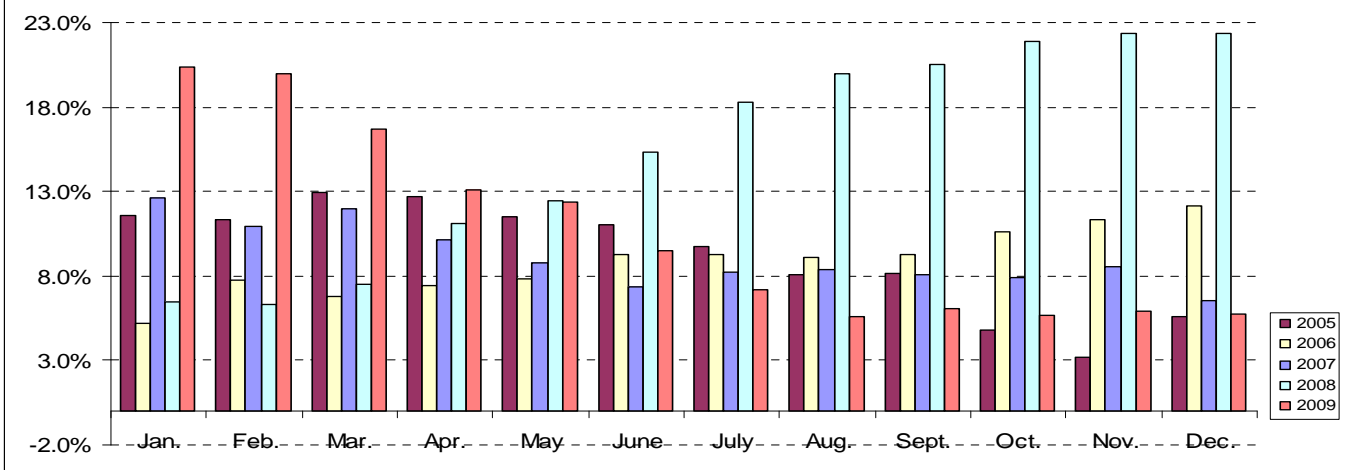
Fluctuations of the general index and the divisions' index  
November and December 2009



Monthly Changes



Annual Changes



## CONSUMER PRICE INDEX (CPI), DECEMBER 2009 (Base 100 = February 2009)

In December 2009 the general consumer prices index is established at 103.7 this stands for a decrease of 1.12% over the previous month which was 104.8. In annual change it increased by 5.74% compared to 5.93% in the previous month. This gives a general inflation rate by an annual average of 10.3% during the month of December 2009.

The underlying inflation rate (excluding fresh food and energy) is increased by 0.41% if compared to the previous month and increased 3.46% on annual change. The annual average underlying inflation rate is + 8.5% in December 2009 down from the previous month (10.0%).

The decrease in the consumer prices index of 1.12% is attributable primarily to the decrease in Food and non-alcoholic beverages (-2.69%) and Housing, water, electricity, gas and other fuels (-1.32%).

It is noted that the decrease of 2.69% in prices of Food and non-alcoholic beverages is primary attributable to the decrease of 10.06% of Vegetables and 1.59% of Non-alcoholic beverages.

In annual change, the increase in the general index of 5.74% is mainly due to the rising prices of Food and non-alcoholic beverages (9.02%) and Transport (11.75%) which contributed +3.17% and +1.42% respectively.

The 'local goods' increased by 6.32% on annual change with a monthly variation of -1.61%, while prices of the imported products rose by 1.37% on annual change with a monthly change of 0.91%.

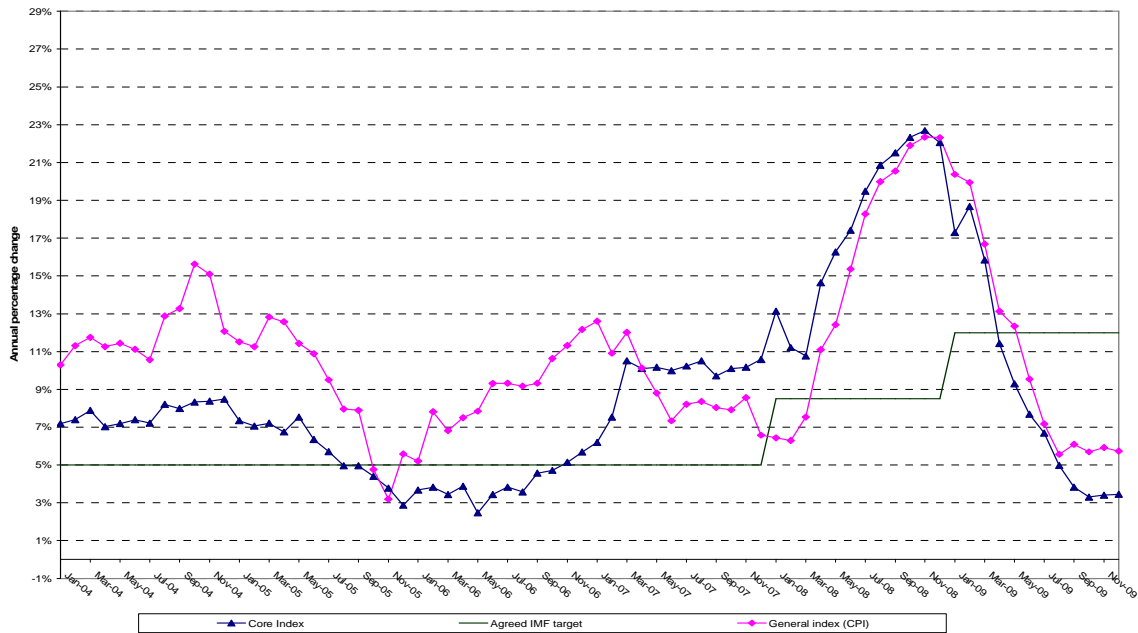
The prices of the fresh products had a positive annual change of 20.49% between December 2009 and December 2008.

### Evolution (over 12 months) of the rate of inflation (%) <sup>(1)</sup>

MONTH	Dec. 08	Jan. 09	Feb. 09	March 09	April 09	May 09	June 09	July 09	Aug. 09	Sep. 09	Oct. 09	Nov. 09	Dec. 09
General index	15.4	16.6	17.7	18.5	18.6	18.5	17.9	16.9	15.6	14.4	13.0	11.6	10.3
Core / Underlying	17.8	18.3	18.9	19.1	18.7	18.1	17.2	16.0	14.6	13.1	11.5	10.0	8.5

(1) In December 2009 the average index of the last twelve months January 2009 to December 2009 increased by 10.3 % (general index) And 8.5 % (Core index) compared to the average index of the previous twelve months (January 2008 to December 2008).

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



## Other Indices

	Weights	Indices for the following months:				Changes in % over:			
		Dec. 08	Sep. 09	Oct. 09	Nov. 09	Dec. 09	1 month	3 months	12 months
<b>General Index</b>	<b>10,000</b>	98.0	103.3	104.1	104.8	103.7	-1.12	0.37	5.74
<b>Local Goods Index</b>	<b>7,947</b>	98.4	104.1	105.4	106.3	104.6	-1.61	0.43	6.32
Food and non-alcoholic beverages	2,982	97.5	107.6	109.9	112.1	108.2	-3.46	0.62	11.00
Housing, water, electricity, gas and other fuels	2,134	99.8	100.6	101.4	101.5	100.3	-1.23	-0.34	0.51
Transport	759	100.2	111.1	112.6	112.8	112.7	-0.12	1.41	12.51
<b>Imported Goods Index</b>	<b>2,053</b>	98.7	99.9	99.1	99.2	100.1	0.91	0.13	1.37
Food and non-alcoholic beverages	555	99.5	94.0	94.0	93.0	95.1	2.26	1.19	-4.40
Furnishing, household equipment	196	98.9	98.6	96.9	97.3	96.4	-0.86	-2.16	-2.49
Transport	430	99.2	107.3	106.3	107.7	109.3	1.50	1.89	10.20
<b>Fresh Products index<sup>(1)</sup></b>	<b>1,403</b>	95.5	119.9	123.1	124.2	115.0	-7.34	-4.06	20.49
<b>Energy index</b>	<b>767</b>	101.5	104.3	105.6	105.8	102.8	-2.81	-1.44	1.27
<b>General Index excluding fresh Products and energy<sup>(2)</sup></b>	<b>7,829</b>	98.3	100.2	100.6	101.3	101.7	0.41	1.50	3.46

(1) Fresh products are food products which have seasonal fluctuations

(2) Proxy for underlying inflation

### METHODOLOGICAL NOTICE

The Consumer Price Index is a Modified Laspeyres index that covers household consumption as it is used by national accounts. The reference population for the CPI consists of all households living in urban areas 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 base year for the CPI is February 2009.

The weights used for this new index are the result of the Household Living Conditions Survey (EICV II) conducted in 2005-2006 with a sample of 6,900 households.

The splicing with the old index is feasible using the splicing coefficient of 1.821569. If you divide the old index by this coefficient, you will be able to make comparisons with the new index based in February 2009.

Additional methodological documentation can be obtained at the National Institute of Statistics of Rwanda. Economic Statistics Department.

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