

## REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

**CONSUMER PRICE INDEX (C.P.I.)**  
**Kigali – July 2008**
**CAUTION**

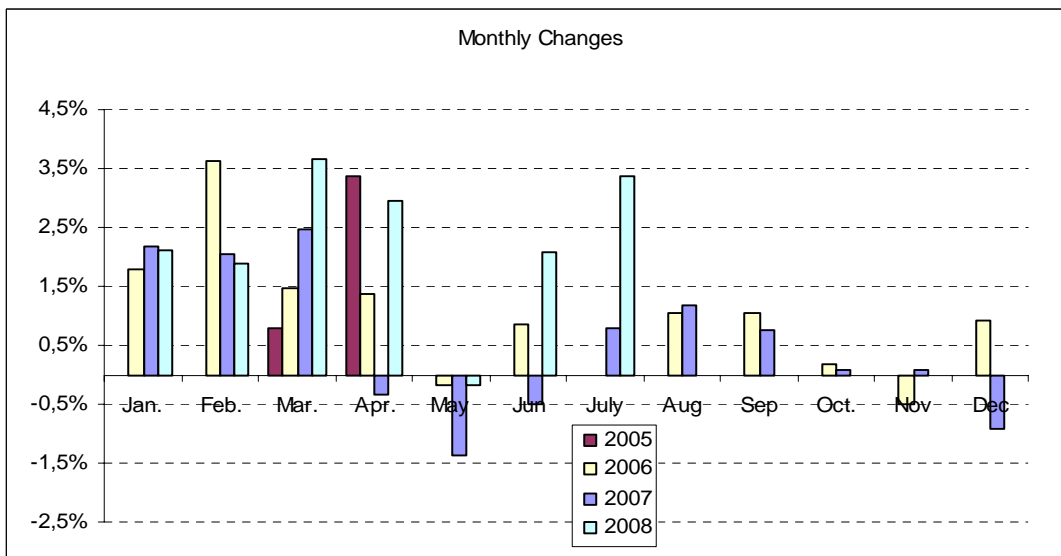
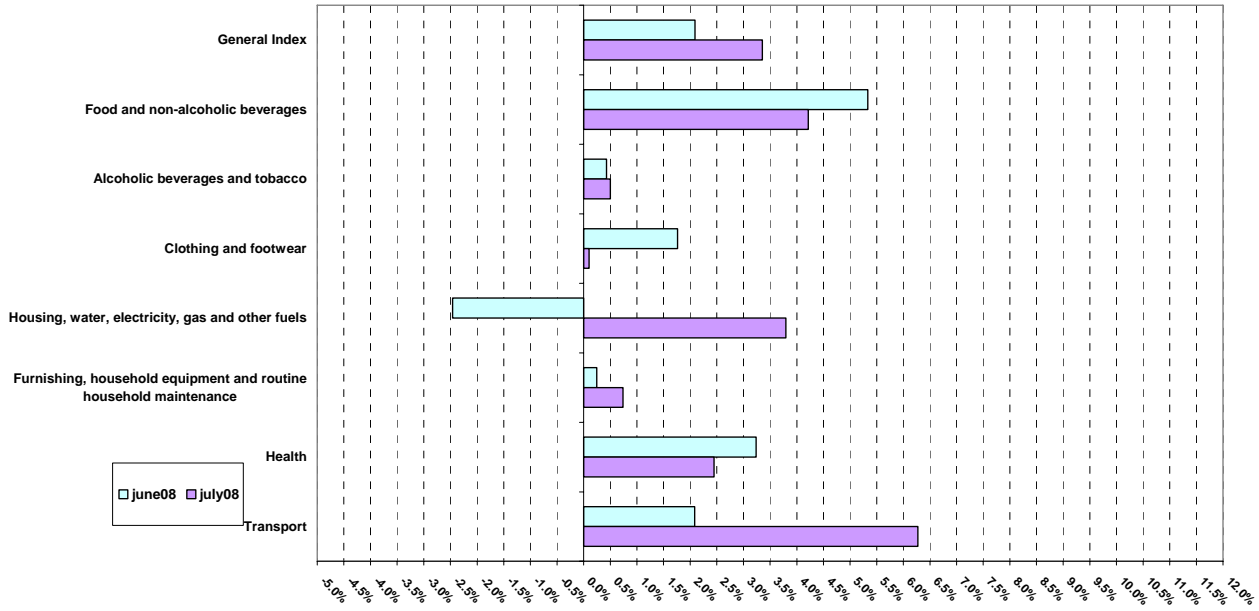
The National Institute of Statistics of Rwanda is very pleased to deliver to users the new Consumer Price Index (CPI) based in 2003 that replaces the previous one which was based in 1989. **The Index is published every month by the 15th.**

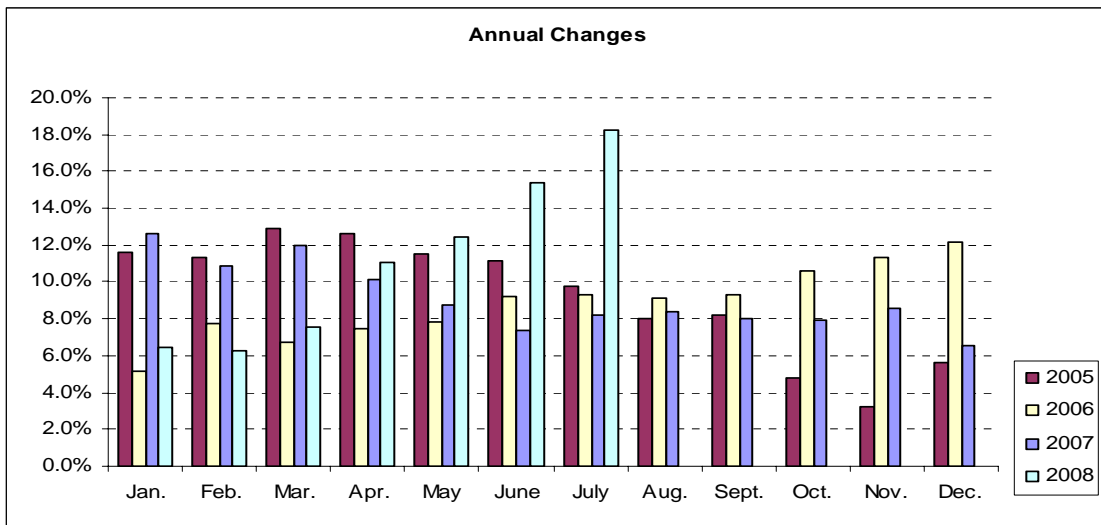
Base 100: 2003

|            | Divisions<br>❖ Groups  | Weights       | Indices for the following months: |          |        |         |         | Changes in % over |          |           |
|------------|--|---------------|-----------------------------------|----------|--------|---------|---------|-------------------|----------|-----------|
|            |  |               | July 07                           | April 08 | May 08 | June 08 | July 08 | 1 month           | 3 months | 12 months |
|            | <b>GENERAL INDEX</b>   | <b>10 000</b> | 144,3                             | 162,1    | 161,8  | 165,2   | 170,7   | <b>3,36</b>       | 5,31     | 18,28     |
| <b>01</b>  | <b>Food and non-alcoholic beverages</b>                                  | <b>3 709</b>  | 150,6                             | 166,9    | 168,7  | 177,7   | 185,2   | <b>4,22</b>       | 11,00    | 23,03     |
| 0111       | ❖ Bread and cereals  | <b>625</b>    | 146,0                             | 171,0    | 175,0  | 187,1   | 192,5   | <b>2,88</b>       | 12,56    | 31,87     |
| 0112       | ❖ Meat   | <b>345</b>    | 119,8                             | 141,7    | 149,5  | 153,7   | 157,1   | <b>2,20</b>       | 10,87    | 31,14     |
| 0113       | ❖ Fish   | <b>114</b>    | 154,7                             | 184,5    | 185,3  | 192,7   | 217,6   | <b>12,88</b>      | 17,94    | 40,64     |
| 0117       | ❖ Vegetables   | <b>1 332</b>  | 169,4                             | 161,8    | 161,8  | 176,9   | 185,4   | <b>4,79</b>       | 14,57    | 9,43      |
| <b>012</b> | <b>❖ Non-alcoholic beverages</b>   | <b>180</b>    | 131,7                             | 137,3    | 140,5  | 140,5   | 145,9   | <b>3,85</b>       | 6,26     | 10,75     |
| <b>02</b>  | <b>Alcoholic beverages and tobacco</b>                                   | <b>221</b>    | 129,0                             | 144,2    | 144,6  | 145,2   | 145,9   | 0,50              | 1,22     | 13,12     |
| <b>03</b>  | <b>Clothing and footwear</b>   | <b>500</b>    | 108,5                             | 110,2    | 110,1  | 112,0   | 112,1   | 0,10              | 1,73     | 3,31      |
| <b>04</b>  | <b>Housing, water, electricity, gas and other fuels</b>                  | <b>1 579</b>  | 192,5                             | 230,8    | 219,9  | 214,5   | 222,7   | <b>3,80</b>       | -3,54    | 15,66     |
| <b>05</b>  | <b>Furnishing, household equipment and routine household maintenance</b> | <b>764</b>    | 119,7                             | 140,1    | 141,7  | 142,0   | 143,1   | 0,74              | 2,14     | 19,59     |
| <b>06</b>  | <b>Health</b>  | <b>708</b>    | 123,0                             | 126,1    | 128,9  | 133,1   | 136,3   | <b>2,45</b>       | 8,10     | 10,84     |
| <b>07</b>  | <b>Transport</b>   | <b>987</b>    | 123,6                             | 144,7    | 146,6  | 149,7   | 159,1   | <b>6,27</b>       | 9,92     | 28,63     |
| <b>08</b>  | <b>Communication</b>   | <b>37</b>     | 135,3                             | 121,4    | 120,5  | 120,4   | 120,4   | 0,04              | -0,79    | -11,01    |
| <b>09</b>  | <b>Recreation and culture</b>  | <b>206</b>    | 107,7                             | 108,1    | 108,3  | 108,4   | 108,7   | 0,25              | 0,55     | 0,85      |
| <b>10</b>  | <b>Education</b>   | <b>432</b>    | 156,1                             | 176,5    | 175,8  | 175,6   | 175,3   | -0,16             | -0,67    | 12,28     |
| <b>11</b>  | <b>Restaurants and hotels</b>  | <b>273</b>    | 142,1                             | 149,0    | 154,4  | 159,2   | 164,9   | <b>3,56</b>       | 10,70    | 16,06     |
| <b>12</b>  | <b>Miscellaneous goods and services</b>                                  | <b>584</b>    | 109,9                             | 116,3    | 117,8  | 118,5   | 119,7   | 0,99              | 2,90     | 8,92      |

| Month                   | Jul 07 | Aug 07 | Sep 07 | Oct 07 | Nov 07 | Dec 07 | Jan 08 | Feb 08 | Mar 08 | Apr 08 | May 08 | Jun 08 | Jul 08 |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Index (2003=100)</b> | 144,3  | 146,0  | 147,1  | 147,2  | 147,4  | 146,0  | 149,0  | 151,9  | 157,4  | 162,1  | 161,8  | 165,2  | 170,7  |
| <b>Annual changes</b>   | 8,2    | 8,4    | 8,0    | 7,9    | 8,6    | 6,6    | 6,5    | 6,3    | 7,5    | 11,1   | 12,4   | 15,37  | 18,28  |

Fluctuations of the general index and the divisions' index  
June and July 2008





In July 2008, the general consumer prices index is established at 170.7 this stands for an increase of 3.36% over the previous month which was 165.2. In annual change it increased by 18.28% compared to 15.37% in the previous month. This gives a general inflation rate by an annual average of 9.8% during the month of July 2008.

The underlying inflation rate (excluding fresh food and energy) is +2.18% if compared to the previous month and +19.47% on annual change. The annual average underlying inflation rate is 12.7% in July 2008, up from the previous month (11.9%).

The increase in the consumer prices index of 3.36% is attributable primarily to the increase in prices of Food and non-alcoholic beverages (4.22%), housing, water, electricity, gas and other fuels (3.08%), Health (2.45%), Transport (+6.27%) and restaurants and hotels (3.56%).

It is noted that the increase of 4.22% in prices of Food and non-alcoholic beverages is attributable to the respective increase of 2.88%, 2.20%, 12.88%, and 4.79% of prices indices of Bread and cereals, meat, fish and leguminous.

In annual change, the increase in the general index of 18.28% is mainly due to the rising prices of Food and non-alcoholic beverages (+23.03%), housing, water, electricity, gas and other fuels (+15.66%), furnishing, household equipment and routine household maintenance index (+19.59%), transport (+28.63%) due to increasing fuel prices and education index rise of (12.28%) due to the increase in school fees recorded at the beginning of the year 2008.

The 'local goods' have increased by 16.49% on annual change with a monthly variation of 3.64%, while prices of the imported products have risen by 24.61% on annual change with a monthly change of +2.86%.

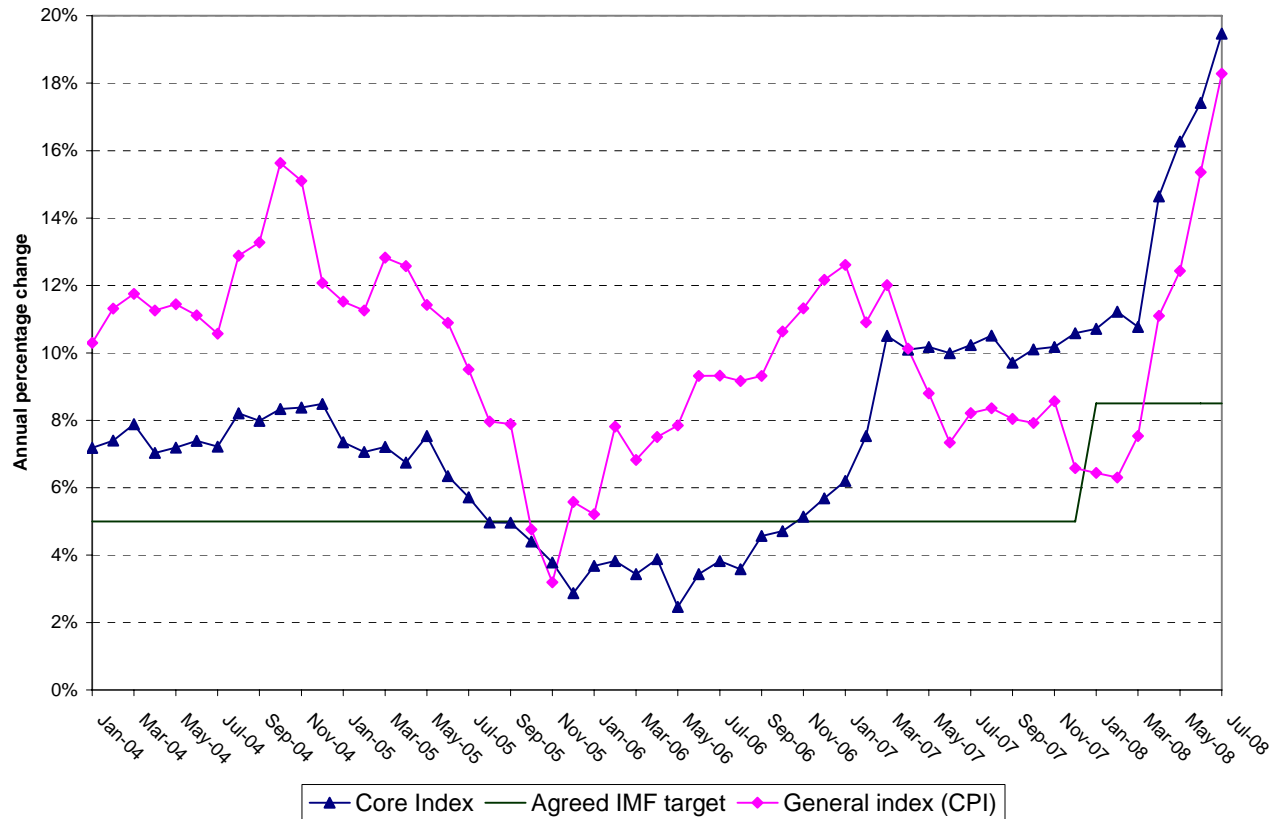
The prices of the fresh products had a positive annual change of 13.63% between July 2008 and July 2007.

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

| MONTH             | July 07 | Aug. 07 | Sep. 07 | Oct. 07 | Nov. 07 | Dec. 07 | Jan 08 | Feb. 08 | March 08 | April 08 | May 08 | June 08 | July 08 |
|-------------------|---------|---------|---------|---------|---------|---------|--------|---------|----------|----------|--------|---------|---------|
| General index     | 10,2    | 10,1    | 10,0    | 9,8     | 9,5     | 9,1     | 8,6    | 8,2     | 7,8      | 7,9      | 8,3    | 8,9     | 9.8     |
| Core / Underlying | 7,4     | 8,0     | 8,4     | 8,8     | 9,3     | 9,7     | 10,0   | 10,3    | 10,4     | 10,8     | 11,3   | 11,9    | 12.7    |

(1) In July 2008 the average index of the last twelve months (August 2007 to July 2008) increased by 9.8% (general index) and 12.7% (core index) compared to the average index of the previous twelve months (August 2006 to July 2007).

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



## Other Indices

|  | Weights       | Indices for the following months: |              |              |              | Changes in % over: |             |              |              |
|--|---------------|-----------------------------------|--------------|--------------|--------------|--------------------|-------------|--------------|--------------|
|  |               | July 07                           | April 08     | May 08       | June 08      | July 08            | 1 month     | 3 months     | 12 months    |
| <b>General Index</b>   | <b>10 000</b> | <b>144.3</b>                      | <b>162.1</b> | <b>161.8</b> | <b>165.2</b> | <b>170.7</b>       | <b>3.36</b> | <b>5.31</b>  | <b>18.28</b> |
| <b>Local Goods Index</b>   | <b>6 956</b>  | <b>153.0</b>                      | <b>170.1</b> | <b>168.5</b> | <b>172.0</b> | <b>178.2</b>       | <b>3.64</b> | <b>4.76</b>  | <b>16.49</b> |
| Food and non-alcoholic beverages                                       | 2 627         | 155.7                             | 163.5        | 164.9        | 175.9        | 183.6              | 4.34        | 12.32        | 17.90        |
| Housing, water, electricity, gas and other fuels                       | 1 501         | 192.5                             | 231.1        | 217.9        | 212.0        | 219.4              | 3.50        | -5.08        | 13.98        |
| Transport  | 698           | 114.2                             | 136.7        | 136.6        | 136.7        | 145.3              | 6.31        | 6.28         | 27.25        |
| <b>Imported Goods Index</b>  | <b>3 044</b>  | <b>123.4</b>                      | <b>143.4</b> | <b>146.2</b> | <b>149.5</b> | <b>153.8</b>       | <b>2.86</b> | <b>7.23</b>  | <b>24.61</b> |
| Food and non-alcoholic beverages                                       | 1 082         | 136.9                             | 177.4        | 180.2        | 184.4        | 191.4              | 3.78        | 7.88         | 39.80        |
| Furnishing, household equipment  | 533           | 118.3                             | 122.7        | 123.0        | 125.0        | 124.1              | -0.65       | 1.20         | 4.91         |
| Transport  | 289           | 146.2                             | 163.9        | 170.6        | 180.9        | 192.3              | 6.27        | 17.31        | 31.53        |
| <b>Kigali Index</b>  | <b>7 679</b>  | <b>142.5</b>                      | <b>160.9</b> | <b>159.7</b> | <b>162.8</b> | <b>169.0</b>       | <b>3.81</b> | <b>5.02</b>  | <b>18.58</b> |
| <b>Provinces Index<sup>(1)</sup></b>                                   | <b>2 321</b>  | <b>150.3</b>                      | <b>166.0</b> | <b>168.7</b> | <b>173.1</b> | <b>176.4</b>       | <b>1.91</b> | <b>6.28</b>  | <b>17.34</b> |
| <b>Fresh Products index<sup>(2)</sup></b>                              | <b>2 186</b>  | <b>164.9</b>                      | <b>164.4</b> | <b>164.7</b> | <b>179.0</b> | <b>187.4</b>       | <b>4.69</b> | <b>14.00</b> | <b>13.63</b> |
| <b>Energy index</b>  | <b>761</b>    | <b>231.0</b>                      | <b>289.5</b> | <b>264.3</b> | <b>256.4</b> | <b>276.6</b>       | <b>7.91</b> | <b>-4.44</b> | <b>19.78</b> |
| <b>General Index excluding fresh Products and energy<sup>(3)</sup></b> | <b>7 053</b>  | <b>130.3</b>                      | <b>148.5</b> | <b>150.5</b> | <b>152.4</b> | <b>155.7</b>       | <b>2.18</b> | <b>4.87</b>  | <b>19.47</b> |

(1) This is the index for the country without Kigali

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

(3) Proxy for underlying inflation

### METHODOLOGICAL NOTICE

The Consumer Price Index is a 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 438 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 25,000 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 the year 2003.

The weights used for this new index are the result of the Household Living Conditions Survey (EICV) conducted in 2000-2001 with a sample of 6,450 households.

The splicing with the old index is feasible using the splicing coefficient of 3.889. If you divide the old index by this coefficient, you will be able to make comparisons with the new index based in 2003.

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

### Contacts

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