Instituta Nacianal de Estatística STATISTICS PORTUGAL

## PRESS RELEASE

CONSUMER PRICE INDEX
October 2007

## CONSUMER PRICES UP 2.6\% IN OCTOBER ON A YEAR EARLIER

The Portuguese Consumer Price Index (CPI) rose $2.6 \%$ in October 2007 when compared with October 2006. On a monthly basis, the CPI increased $0.5 \%$. The CPI 12-month average rate of change remained at $2.4 \%$ in October 2007.

In October, the Portuguese Harmonised Index of Consumer Prices (HICP) increased $2.5 \%$ when compared with the same month of the previous year.

Consumer prices increased $2.6 \%$ in October 2007 when compared with October of the previous year, 0.5 percentage points (p.p.) higher than in the previous month (see figure 1).

The core inflation index, which excludes energy components and fresh unprocessed food products and intends to reflect price growth trends rose at a lower rate than the CPI (2.2\%).

The main upward pressure on the overall annual rate of change came from changes in the costs associated with the provision of food products and transports. When taken together, these two index divisions contributed with $35 \%$ of the all-items annual rate of change.

The main upward contributions to the CPI monthly rate came from changes in the prices of clothing and footwear. These products cost, on average, $5.4 \%$ more than in September 2007, as a result of the introduction of new clothing and footwear collections that traditionally occur at this time of the year. Educational goods and services also had a significant increase in this period (4.4\%), thus reflecting price updates which are normally associated with the start of a new school year. The main downward contributions came from changes in the prices of electricity $(-1.7 \%)$, fish $(-0.8 \%)$, package holidays (-4.5\%) and cars (-0.3\%).

In October, the HICP for Portugal rose $2.5 \%$ when compared with October 2006, 0.5 percentage points higher than in the previous month. The HICP increased 0.5\% between September and October 2007. The HICP 12month average rate remained at $2.4 \%$. The gap between the Portuguese and the Euro-zone 12-month average rate of change is estimated to have remained constant from September to October 2007 at 0.5 p.p. (see figure 2).


Fig. 2 - Harmonised Index of Consumer Prices
(Portugal and the Euro area)


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## Consumer Price Index

The Consumer Price Index (CPI) is an indicator showing how the prices of a certain basket of goods and services bought by a "typical" consumer change over time. The CPI has been designed to capture price changes and not to measure price levels. Both the consumption pattern and the goods and services included in the CPI basket were derived from the year 2000 Household Budget Survey and are updated annually with the most recent information on prices and quantities. The CPI is compiled through the aggregation of seven regional price indexes and the goods and services included in the index are grouped according to the COICOP classification.

## Table 1: CPI/COICOP Index Divisions

| 01 | Food and non-alcoholic beverages | 07 | Transports |
| :--- | :--- | :--- | :--- |
| 02 | Alcoholic beverages and tobacco | 08 | Communications |
| 03 | Clothing and footwear | 09 | Recreation and culture |
| 04 | Housing, water, electricity, gas and other fuels | 10 | Education |
| 05 | Furnishings, household equipment and routine maintenance of | 11 | Restaurants and hotels |
|  | the house | 12 | Miscellaneous goods and services |
| 06 | Health |  |  |

## Monthly rate

The monthly rate is the change in the index of a certain month compared with the index of the previous month expressed as a percentage. Although up-to-date, this measure can be affected by seasonal and other effects.

## Annual rate

The annual rate is the change in the index of a certain month compared with the index of the same month in the previous year expressed as a percentage. In the presence of a stable seasonal pattern, seasonal effects do not influence this measure.

## 12-month average rate

The 12-month average rate is the change in the average index of one year compared with the average index of the previous year expressed as a percentage. This moving average is less sensitive to transient changes in prices.

## Core inflation index (all items CPI excluding unprocessed food and energy products)

The core inflation index is compiled by excluding the prices of unprocessed food and energy products from the all-items CPI. The primary objective of this index is to capture the underlying inflation pressures in the economy. In the publication Síntese Económica de Conjuntura is released a core inflation indicator based on a different methodological approach (factorial analysis) and, for this reason, it is possible that differences between the values shown by the two measures exist.

## Harmonised Index of Consumer Prices

The Harmonised Index of Consumer Prices (HICP) is compiled in each member state of the European Union for the purposes of inflation comparisons across EU countries, as required by the Treaty on European Union 1. This index plays an important role as a guideline for the achievement of the European System of Central Banks primary objective: price stability. In 1998, the European Central Bank adopted the HICP as "the most appropriate price measure" for its definition of price stability in the Euro area ${ }^{2}$.

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CPI rate of change (index division and all items CPI)


Notes: (1) The names of the divisions are given in the explanatory notes.
$\qquad$
Consumer Price Index - October 2007

HICP rate of change (international comparison) ${ }^{(1)}$

|  |  | EU-13 ${ }^{(2)}$ | EIC ${ }^{(3)}$ | BE | BG | cz | DK | DE | EE | EL | ES | FR | IE | IT | CY | LV | LT | LU | HU | M T | NL |  | AT | PL | PT | RO | SI | sk | FI | SE | UK |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual average rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2004 |  | 2.1 | 2.0 | 1.9 | 6.1 | 2.6 | 0.9 | 1.8 | 3.0 | 3.0 | 3.1 | 2.3 | 2.3 | 2.3 | 1.9 | 6.2 | 1.2 | 3.2 | 6.8 | 2.7 | 1.4 |  | 2.0 | 3.6 | 2.5 | 11.9 | 3.7 | 7.5 | 0.1 | 1.0 | 1.3 |
| 2005 |  | 2.2 | 2.2 | 2.5 | 6.0 | 1.6 | 1.7 | 1.9 | 4.1 | 3.5 | 3.4 | 1.9 | 2.2 | 2.2 | 2.0 | 6.9 | 2.7 | 3.8 | 3.5 | 2.5 | 1.5 |  | 2.1 | 2.2 | 2.1 | 9.1 | 2.5 | 2.8 | 0.8 | 0.8 | 2.1 |
| 2006 |  | 2.2 | 2.2 | 2.3 | 7.4 | 2.1 | 1.9 | 1.8 | 4.4 | 3.3 | 3.6 | 1.9 | 2.7 | 2.2 | 2.2 | 6.6 | 3.8 | 3.0 | 4.0 | 2.6 | 1.7 |  | 1.7 | 1.3 | 3.0 | 6.6 | 2.5 | 4.3 | 1.3 | 1.5 | 2.3 |
|  |  | Annual rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2005 | October | 2.5 | 2.4 | 2.2 | 8.2 | 2.4 | 1.9 | 2.3 | 4.5 | 3.7 | 3.5 | 2.0 | 2.6 | 2.6 | 2.2 | 7.7 | 3.0 | 5.0 | 3.1 | 3.0 | 1.5 |  | 2.0 | 1.6 | 2.6 | 8.2 | 3.2 | 3.5 | 0.8 | 0.9 | 2.3 |
|  | November | 2.3 | 2.3 | 2.3 | 8.0 | 2.2 | 1.8 | 2.2 | 4.0 | 3.4 | 3.4 | 1.8 | 2.2 | 2.4 | 2.0 | 7.6 | 2.8 | 3.6 | 3.3 | 4.3 | 1.6 |  | 1.7 | 1.1 | 2.5 | 8.7 | 2.1 | 3.6 | 1.0 | 1.2 | 2.1 |
|  | December | 2.2 | 2.1 | 2.8 | 7.4 | 1.9 | 2.2 | 2.1 | 3.6 | 3.5 | 3.7 | 1.8 | 1.9 | 2.1 | 1.4 | 7.1 | 3.0 | 3.4 | 3.3 | 3.4 | 2.0 |  | 1.6 | 0.8 | 2.5 | 8.7 | 2.4 | 3.9 | 1.1 | 1.3 | 1.9 |
| 2006 | January | 2.4 | 2.3 | 2.8 | 7.6 | 2.4 | 2.0 | 2.1 | 4.7 | 3.0 | 4.2 | 2.3 | 2.5 | 2.2 | 2.0 | 7.6 | 3.5 | 4.1 | 2.5 | 2.4 | 1.8 |  | 1.5 | 0.9 | 2.7 | 9.0 | 2.6 | 4.1 | 1.2 | 1.1 | 1.9 |
|  | February | 2.3 | 2.2 | 2.8 | 9.4 | 2.4 | 2.1 | 2.1 | 4.5 | 3.1 | 4.1 | 2.0 | 2.7 | 2.2 | 2.3 | 7.0 | 3.4 | 3.9 | 2.3 | 2.3 | 1.4 |  | 1.5 | 0.9 | 3.0 | 8.6 | 2.3 | 4.3 | 1.3 | 1.1 | 2.0 |
|  | March | 2.2 | 2.1 | 2.2 | 9.1 | 2.4 | 1.8 | 1.9 | 4.0 | 3.3 | 3.9 | 1.7 | 2.8 | 2.2 | 2.6 | 6.6 | 3.1 | 3.7 | 2.4 | 2.9 | 1.4 |  | 1.3 | 0.9 | 3.8 | 8.5 | 2.0 | 4.3 | 1.2 | 1.5 | 1.8 |
|  | April | 2.5 | 2.3 | 2.6 | 8.5 | 2.3 | 1.8 | 2.3 | 4.3 | 3.5 | 3.9 | 2.0 | 2.7 | 2.3 | 2.5 | 6.1 | 3.4 | 3.5 | 2.4 | 3.5 | 1.8 |  | 2.1 | 1.2 | 3.7 | 7.0 | 2.8 | 4.4 | 1.5 | 1.8 | 2.0 |
|  | May | 2.5 | 2.4 | 2.8 | 9.0 | 2.8 | 2.1 | 2.1 | 4.6 | 3.3 | 4.1 | 2.4 | 3.0 | 2.3 | 2.5 | 7.1 | 3.6 | 3.6 | 2.9 | 3.5 | 1.8 |  | 2.1 | 1.5 | 3.7 | 7.3 | 3.4 | 4.8 | 1.7 | 1.9 | 2.2 |
|  | June | 2.5 | 2.4 | 2.5 | 8.4 | 2.3 | 2.1 | 2.0 | 4.4 | 3.4 | 4.0 | 2.2 | 2.9 | 2.4 | 2.6 | 6.3 | 3.7 | 3.9 | 2.9 | 3.3 | 1.8 |  | 1.9 | 1.5 | 3.5 | 7.2 | 3.0 | 4.5 | 1.5 | 1.9 | 2.5 |
|  | July | 2.4 | 2.4 | 2.4 | 7.8 | 2.4 | 2.0 | 2.1 | 4.5 | 3.9 | 4.0 | 2.2 | 2.9 | 2.3 | 2.8 | 6.9 | 4.4 | 3.4 | 3.2 | 3.6 | 1.7 |  | 2.0 | 1.4 | 3.0 | 6.2 | 1.9 | 5.0 | 1.4 | 1.8 | 2.4 |
|  | August | 2.3 | 2.3 | 2.3 | 7.0 | 2.6 | 1.9 | 1.8 | 5.0 | 3.4 | 3.8 | 2.1 | 3.2 | 2.3 | 2.7 | 6.8 | 4.3 | 3.1 | 4.7 | 3.0 | 1.9 |  | 2.1 | 1.7 | 2.7 | 6.1 | 3.1 | 5.0 | 1.3 | 1.6 | 2.5 |
|  | September | 1.7 | 1.9 | 1.9 | 5.4 | 2.2 | 1.5 | 1.0 | 3.8 | 3.1 | 2.9 | 1.5 | 2.2 | 2.4 | 2.2 | 5.9 | 3.3 | 2.0 | 5.9 | 3.1 | 1.5 |  | 1.3 | 1.4 | 3.0 | 5.5 | 2.5 | 4.5 | 0.8 | 1.2 | 2.4 |
|  | October | 1.6 | 1.8 | 1.7 | 5.2 | 0.8 | 1.4 | 1.1 | 3.8 | 3.1 | 2.6 | 1.2 | 2.2 | 1.9 | 1.7 | 5.6 | 3.7 | 0.6 | 6.3 | 1.7 | 1.3 |  | 1.3 | 1.1 | 2.6 | 4.8 | 1.5 | 3.1 | 0.9 | 1.2 | 2.4 |
|  | November | 1.9 | 2.1 | 2.0 | 5.9 | 1.0 | 1.8 | 1.5 | 4.7 | 3.2 | 2.7 | 1.6 | 2.4 | 2.0 | 1.3 | 6.3 | 4.4 | 1.8 | 6.4 | 0.9 | 1.6 |  | 1.6 | 1.3 | 2.4 | 4.7 | 2.4 | 3.7 | 1.3 | 1.5 | 2.7 |
|  | December | 1.9 | 2.2 | 2.1 | 6.1 | 1.5 | 1.7 | 1.4 | 5.1 | 3.2 | 2.7 | 1.7 | 3.0 | 2.1 | 1.5 | 6.8 | 4.5 | 2.3 | 6.6 | 0.8 | 1.7 |  | 1.6 | 1.4 | 2.5 | 4.9 | 3.0 | 3.7 | 1.2 | 1.4 | 3.0 |
| 2007 | January | 1.8 | 2.1 | 1.7 | 6.8 | 1.4 | 1.8 | 1.8 | 5.0 | 3.0 | 2.4 | 1.4 | 2.9 | 1.9 | 1.4 | 7.1 | 4.0 | 2.3 | 8.4 | 1.2 | 1.2 |  | 1.7 | 1.6 | 2.6 | 4.1 | 2.8 | 2.2 | 1.3 | 1.6 | 2.7 |
|  | February | 1.8 | 2.1 | 1.8 | 4.6 | 1.7 | 1.9 | 1.9 | 4.6 | 3.0 | 2.5 | 1.2 | 2.6 | 2.1 | 1.2 | 7.2 | 4.4 | 1.8 | 9.0 | 0.8 | 1.4 |  | 1.7 | 1.9 | 2.3 | 3.9 | 2.3 | 2.0 | 1.2 | 1.7 | 2.8 |
|  | March | 1.9 | 2.3 | 1.8 | 4.4 | 2.1 | 1.9 | 2.0 | 5.6 | 2.8 | 2.5 | 1.2 | 2.9 | 2.1 | 1.4 | 8.5 | 4.8 | 2.4 | 9.0 | 0.5 | 1.9 |  | 1.9 | 2.4 | 2.4 | 3.7 | 2.6 | 2.1 | 1.6 | 1.6 | 3.1 |
|  | April | 1.9 | 2.2 | 1.8 | 4.4 | 2.7 | 1.7 | 2.0 | 5.6 | 2.6 | 2.5 | 1.3 | 2.9 | 1.8 | 1.6 | 8.8 | 4.9 | 2.5 | 8.7 | -1.1 | 1.9 |  | 1.8 | 2.2 | 2.8 | 3.8 | 2.9 | 2.0 | 1.5 | 1.6 | 2.8 |
|  | May | 1.9 | 2.1 | 1.3 | 4.5 | 2.4 | 1.7 | 2.0 | 5.9 | 2.6 | 2.4 | 1.2 | 2.7 | 1.9 | 1.9 | 7.8 | 5.0 | 2.3 | 8.4 | -1.0 | 2.0 |  | 1.9 | 2.3 | 2.4 | 3.9 | 3.1 | 1.5 | 1.3 | 1.2 | 2.5 |
|  | June | 1.9 | 2.1 | 1.3 | 5.3 | 2.6 | 1.3 | 2.0 | 6.0 | 2.6 | 2.5 | 1.3 | 2.8 | 1.9 | 1.7 | 8.9 | 5.0 | 2.3 | 8.5 | -0.6 | 1.8 |  | 1.9 | 2.6 | 2.4 | 3.9 | 3.8 | 1.5 | 1.4 | 1.3 | 2.4 |
|  | July | 1.8 | 2.0 | 1.3 | 6.8 | 2.5 | 1.1 | 2.0 | 6.5 | 2.7 | 2.3 | 1.2 | 2.7 | 1.7 | 2.3 | 9.5 | 5.1 | 2.0 | 8.3 | -0.2 | 1.4 |  | 2.0 | 2.5 | 2.3 | 4.1 | 4.0 | 1.2 | 1.6 | 1.4 | 1.9 |
|  | August | 1.7 | 1.9 | 1.2 | 9.3 | 2.6 | 0.9 | 2.0 | 6.1 | 2.7 | 2.2 | 1.3 | 2.3 | 1.7 | 2.2 | 10.2 | 5.6 | 1.9 | 7.1 | 0.6 | 1.1 |  | 1.7 | 2.1 | 1.9 | 5.0 | 3.4 | 1.2 | 1.3 | 1.2 | 1.8 |
|  | September | 2.1 Po | 2.2 Po | 1.4 | 11.0 | 2.8 | 1.2 | 2.7 | 7.5 | 2.9 | 2.7 | 1.6 | 2.9 | 1.7 | 2.3 | 11.5 | 7.1 | 2.5 | 6.4 | 0.9 | 1.3 P | Po 2.1 | . 1 Po | 2.7 | 2.0 | 6.1 | 3.6 | 1.7 | 1.7 | 1.6 | x |
|  | October | 2.6 f | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | $\times$ | x | x | x |  | x | x | 2.5 | x | $\times$ | x | x | x | x |

$\begin{array}{ll}\text { Notes: } \\ & \text { (1) From January } 2006 \text { onwards: base } 100=2005 \text {; index rates of change calculated } \\ \text { (2) Member States belonging to the Euro area - includes Slovenia from January } 2007 .\end{array}$
(3) European Index of Consumer Prices: EU-15 until April 2004, EU-25 until December 2006 and EU- 27 onwards.

| Source: (3) European Index of Consumer P $\quad$ INE-Portugal and Eurostat. |
| :--- |
| Code abbreviations of the Member States: |


| BE | Belgium | EE | Estonia | IT | Italy | Hu | Hungary | PT | Portugal | SE | Sweden |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| b G | Bulgaria | EL | Greece | cr | Cyprus | m T | M alta | Ro | Romania | UK | United Kingdom |
| cz | Czech Republic | ES | Spain | Lv | Latvia | NL | Netherlands | sI | Slovenia |  |  |
| DK | Denmark | FR | France | LT | Lithuania | AT | Austria | sk | Slovakia |  |  |
| DE | Germany | IE | Ireland | Lu | Luxembourg | PL | Poland | FI | Finland |  |  |


[^0]:    ${ }^{1}$ Article 109j and protocol on the convergence criteria referred to in that article.
    2 "A stability oriented monetary policy strategy for the ESCB". ECB press notice released on 13 October 1998.

