16, April 2007

### **Press Release**

# **Consumer Price Index**

March 2007

# Consumer prices up 2.3% in March 2007 on a year earlier

In March, the goods and services included in the Portuguese Consumer Price Index (CPI) cost on average 2.3% more than in March 2006, 0.1 percentage point (p.p.) lower 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. Compared with March 2006, this index increased 1.9%, 0.4 p.p. lower than the CPI.

The CPI 12-month average rate was 2.9%. On a monthly basis, the CPI increased 1.2%, 0.1 p.p. lower than a year earlier.

The main upward contribution to the CPI monthly rate came from changes in the prices of Clothing and footwear (19.8%). This index division accounted for almost 70% of the overall monthly price variability. The introduction of new Spring and Summer collections was the main driving factor contributing to the observed price rises.

Other upward contribution to the CPI monthly rate came from changes in the prices of Transports (1.2%), accounting for about 15% of the monthly variability. Fuels and lubricants, in particular, cost on average 3.6% more than in February 2007. One should bear in mind that this division stands for the highest weight in the CPI weighting structure (20.1%).

Price decreases were found in Recreation and Culture (-0.9%), Food and non-alcoholic beverages (-0.5%) and Communication (-0.5%). Products related with gardening, vegetables and meat cost on average, respectively, 19.7%, 3.3% and 0.7% less than in the previous month.

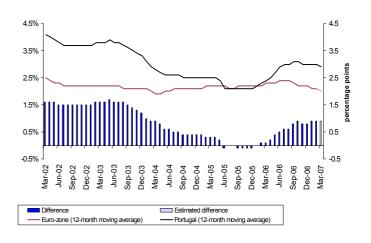
In March, the Harmonised Index of Consumer Prices (HICP) for Portugal rose 2.4% when compared with March 2006, 0.1 p.p. higher than the previous month. The HICP increased 1.3% between February and March 2007. The HICP 12-month average rate was 2.9%, 0.1 p.p. lower than in the previous month.

The gap between the Portuguese and the Euro-zone 12-month average rate of change is estimated to have remained unchanged at 0.9 p.p. in February and March 2007 (see figure 2).

(annual rate and 12-month moving average 5.0% 4.5% 4.0% 3.5% 3.0% 2.5% 2.0% 1.5% 1.0% 0.5% 0.0% Jun-03 Mar-05 Jun-05 Jun-06 Dec-03 Mar-04 Mar-03 Dec Sep Dec - CPI (12-month moving average) - CPI (annual rate) Core Inflation (annual rate)

Fig. 1 - Consumer price and core inflation indexes

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



For further information, please contact the 'Unidade de Comunicação e Imagem' mentioned below

The April 2007 CPI/HICP will be released on May 15th 2007

Consumer Price Index - March 2007

#### **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	80	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 the house	11	Restaurants and hotels
06	Health	12	Miscellaneous goods and services

### 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 unprocessed food and energy products from the all-items CPI. The primary objective of the exclusions is to eliminate some of the CPI components, which are most likely to be affected by temporary "external shocks" and to capture, in this way, the underlying inflation pressures in the economy. Examples of these "external shocks" include, among others, sharp changes in climatic conditions and the supply of raw materials such as oil. The Serviço de Análise de Conjuntura e Previsão of Departamento de Estatísticas Macroeconómicas of INE-Portugal releases 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 <sup>1</sup>. 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 <sup>2</sup>.

<sup>&</sup>lt;sup>1</sup> Article 109j and protocol on the convergence criteria referred to in that article.

<sup>&</sup>lt;sup>2</sup> "A stability oriented monetary policy strategy for the ESCB". ECB press notice released on 13 October 1998.





# Annexes:

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

	01	02	03	04	05	06	07	08	09	10	11	12	CF
	01	02	03	04	05		nual average		09	10	11	12	
2004	1.1	3.0	-1.1	3.0	1.6	1.7	3.5	-1.0	2.8	9.3	4.6	2.6	2.
2005	-0.6	4.8	-1.1	4.4	1.3	0.9	5.8	-0.2	1.6	7.0	2.4	2.2	2.
2006	2.7	9.7	0.5	3.9	1.0	1.5	5.5	-0.2	1.2	5.2	2.3	3.3	3
2000		<u> </u>	0.0	0.0	1.0	1.0				<u> </u>		0.0	
0005 March	0.5	4.5	4.4	4.5	4.4	4.4	Annual rate		0.7	6.0	2.0	0.0	2
2005 March	-0.5	4.5 4.5	-1.4 -1.3	4.5 4.4	1.4 1.3	1.1 1.0	4.5	1.5	2.7 2.1	6.9 6.8	2.9	2.3 1.9	2
April	-1.2	4.5 4.7				1.0	5.1	1.5 1.6			2.6 2.7	1.9	
May	-1.0		-2.1	4.3	1.0		4.2		1.5	6.8			1
June	-1.3	4.8	-1.9	4.2	1.0	1.0	4.6	-0.9	1.1	6.8	1.4	2.0	1
July	-1.9 -0.7	4.9	-1.7	4.6	1.1	1.2	6.6	-0.6	1.7	6.8 6.7	2.2	2.2 2.1	2
August		4.8	-0.5	4.6	1.1	1.0	7.1	-0.5	1.5		2.8		2
September	-0.4	5.2	0.4	4.6	1.2	0.9	8.3	-0.5	0.6	7.2	2.2	2.2	2
October	-0.4	5.3	0.1	4.6	1.3	0.6	7.5	-1.1	1.0	8.0	1.7	2.2	2
November	0.8	5.3	-0.6	4.1	1.5	0.1	6.3	-1.1	1.2	6.9	2.0	2.1	2
December	1.4	5.3	-1.3	3.9	1.5	-0.1	6.2	-1.1	1.4	6.8	2.2	2.0	2
2006 January	1.7	14.5	-11.6	4.0	1.5	0.0	8.2	-1.2	1.2	5.3	2.6	2.3	2
February	1.8	9.1	-6.5	4.4	1.0	0.2	8.4	-1.1	1.3	5.3	2.0	2.4	2
March	1.3	9.4	12.1	4.4	0.7	0.1	7.8	-0.5	1.2	5.7	2.1	2.5	3
April	1.7	9.4	5.4	4.1	0.9	0.5	7.9	-0.7	1.7	5.7	2.6	2.9	3
May	2.6	9.0	0.9	4.1	1.0	0.7	8.5	-0.6	1.9	5.7	2.3	3.6	3
June	3.9	9.2	-0.9	4.1	1.0	0.8	7.4	-0.6	2.2	5.7	2.3	3.6	3
July	3.1	9.3	-2.7	3.8	1.2	0.7	6.1	-0.9	1.6	5.7	2.2	3.5	3
August	3.2	9.5	-3.0	3.8	0.9	1.2	5.2	-0.9	1.0	5.7	1.7	3.3	2
September	3.1	9.3	8.9	3.7	0.9	1.4	2.5	-1.0	0.7	5.9	2.3	3.7	3
October	3.6	9.3	6.4	3.3	0.9	2.7	0.8	-1.0	0.4	4.0	2.5	3.9	2
November	3.3	9.4	-0.6	3.2	0.9	4.3	1.5	-1.0	0.2	4.0	2.6	3.7	2
December	3.1	9.4	-0.9	3.2	0.8	5.5	2.2	-1.3	0.7	4.0	2.2	3.7	2
2007 January	4.1	0.8	1.9	3.9	1.5	5.5	1.5	-1.3	0.6	4.0	2.3	3.3	2
February	3.6	0.6	0.7	3.9 3.6	1.5	5.5 6.0	0.8	-1.3 -1.1	1.8	4.0 3.9	2.5 2.5	3.3 3.2	2
March	3.0	0.4	1.0	3.5	2.1	6.3	1.7	-1.1 -1.8	0.1	3.5	2.5	3.2 3.1	2
		0.5			۷.۱			-1.0	0.1	5.5	2.4	J. I	
	f estimated		Po provision sions are given			x not availa	ble						

Source: INE - Portugal





#### HICP rate of change (international comparison)<sup>(1)</sup>

	EU-13 <sup>(2)</sup>	EICP <sup>(3)</sup>	BE	BG	cz	DK	DE	EE	EL	ES	FR	IE	IT	CY	LV	LT	LU	HU	мт	NL	AT	PL	РТ	RO	SI	sĸ	FI	SE	UK
													,	Annual	avera	ge 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	8.0	8.0	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
														An	nual ra	ate													
2005 March	2,1	2,1	2.8	4,4	1.1	1.3	1,6	4.8	2.9	3.4	2.1	1.9	2,2	2.4	6.6	3.2	3.5	3.3	2.6	1.5	2.4	3.4	2.3	8.7	3.3	2.4	0.9	0.5	1.9
April	2,1	2,1	2.4	5,3	1.4	1.7	1.4	4.7	3.3	3.5	2.0	2.2	2.1	2,7	7.1	3.2	3.7	3.8	2.0	1.3	2.3	3.1	2.0	10.0	2.7	2.7	1.2	0.4	1.9
May	2,0	2,0	2.3	5,1	0.9	1,2	1.6	2.9	3,2	3.0	1.7	2,1	2.3	2,1	6.5	1.9	3.7	3.5	2.4	1,0	2.0	2.1	1.8	10.0	2.1	2.4	0.6	0.2	1.9
June	2,1	2,0	2.7	6,5	1.3	1.7	1.8	3.2	3.2	3.2	1.8	1.9	2,1	1.5	6.6	2.0	3.2	3.7	2.1	1.5	2.0	1.4	0.6	9.7	1.7	2.6	1.0	8.0	
July	2,2	2,1	2.7	6,0	1.4	1,8	1,8	3.9	3.9	3.3	1.8	2.2	2.1	1.3	6.3	1.9	4.0	3.6	1.7	1.5	2.1	1.5	1.9	9.4	2.0	2.1	0.9	0.7	2.3
August	2,2	2,2	2.9	7,2	1.4	2,4	1.9	4.2	3,6	3.3	2.0	2.1	2.1	1.5	6.3	2.3	4.3	3.5	2.5	1.6	1.9	1.8	2.5	8.9	1.8	2.1	1.0	1,1	2.4
September	2,6	2,5	3.0	7,5	2.0	2,3	2,5	4.9	3.8	3.8	2.4	2,7	2.2	2.1	7.4	2.5	4.7	3.6	2.0	1.7	2.6	1,9	2.7	8.5	3.2	2.3	1.1	1.1	2.5
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	8.0	0.9	
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	8.0	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	
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	
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	
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	
2007 January	1.8	2.1	1.7	6,8 Rc	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 Rc	1,7 Rc <sup>-</sup>	1,6 Rc	2.6	4.1	2.8	2.2	1.3	1.6	2.7
February	1,8 Po 2	2,1 Po	1.8	4.6	1.7	1.9			3.0	2.5	1.2	2.6	2.1	1.2	7.2					1,4 Po			2.3	3.9	2.3	2.0	1.2	1.7	×
March	1,9 f	×	×	×		×			×	×	×	x		×	×	×	x		×	×	×	x	2.4	×	×	×	×	×	×

Symbols: f estimated Po provisional Rc revised x not available

Notes: (1) From January 2006 onwards: base 100=2005; index rates of change calculated based on indexes rounded up to two decimal places

(2) Member States belonging to the Euro area - includes Slovenia from January 2007.

(3) European Index of Consumer Prices: EU-15 until April 2004, EU-25 until December 2006 and EU-27 onwards

ource: INE-Portugal and Eurostat.

Code abbreviations of the Member States:

BE	Bélgica
BG	Bulgária
CZ	República Checa
DK	Dinamarca
DE	Alemanha

EE Estónia
EL Grécia
ES Espanha
FR França
IE Irlanda

IT Itália
CY Chipre
LV Letónia
LT Lituânia
LU Luxemburgo

HU Hungria MT Malta NL Países Baixos AT Áustria PL Polónia PT Portugal RO Roménia SI Eslovénia SK Eslováquia FI Finlândia SE Suécia UK Reino Unido

Consumer Price Index - March 2007



Portugal acolhe, em Agosto de 2007, o maior congresso mundial na área da Estatística: a Sessão Bienal do *International Statistical Institute*, numa organização do INE com o apoio de diversas entidades.

Toda a informação em www.isi2007.com.pt

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