

Consumer Prices Index

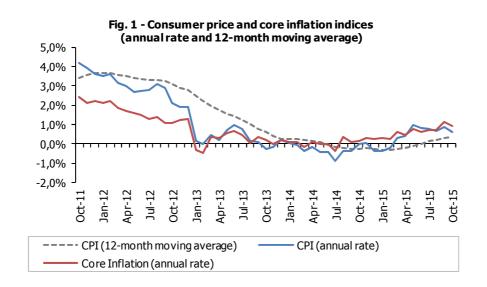
October 2015

CPI annual rate of change was 0.6% in October

The CPI annual rate was 0.6% in October 2015, 0.3 percentage points (p.p.) lower than in the previous month. The annual core inflation rate, which excludes energy and unprocessed food products components, was 0.9% (1.1% in September).

The CPI monthly rate was 0.1% (0.8% in September and 0.3% in October 2014), while the CPI 12-month average rate was 0.4% (0.3% in the previous month).

In October 2015, the Portuguese Harmonised Index of Consumer Prices (HICP) annual rate of change was 0.7% (0.9% in the previous month), 0.7 p.p. above the rate estimated by Eurostat for the Euro area (in September this difference was 1.0 p.p.).



In October 2015, the annual inflation rate measured by the CPI was 0.6%, 0.3 p.p. lower than in the previous month (see Fig. 1).

The annual core inflation rate, which excludes energy and unprocessed food products components, was 0.9% (1.1% in the previous month). The unprocessed food aggregate recorded an annual increase of 2.3% in October (3.7% in September) while energy presented a less negative rate of change (from -5.6% in September to -4.8% in October).

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The largest upward pressure on the overall annual rate of change came from increases in the prices of *Food and nonalcoholic beverages, Alcoholic beverages and tobacco, Communication* and *Miscellaneous goods and services* while the major downward pressure came from changes in the prices of *Transports*, with an annual rate of -0.9% (-1.1% in September) and *Clothing and footwear*.

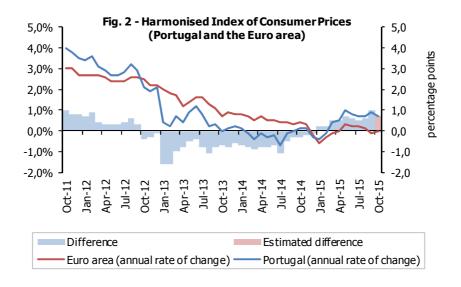
In October, the CPI monthly rate was 0.1% (0.8% in September and 0.3% in October 2014). The main upward contribution to this result came from changes in the prices of *Clothing and footwear*. On the opposite side, decreases were observed in the prices of *Transports*.

The CPI 12-month average rate was 0.4% in October (0.3% in September).

In October 2015, the HICP annual rate was 0.7% (0.9% in the previous month). The HICP monthly rate was -0.2% (0.0% in October 2014).

In September, the annual rate of change of the Portuguese HICP was 1.0 p.p. higher than the annual rate of change of the Euro area. That difference is estimated to decrease to 0.7 p.p. in October 2015.

The HICP 12-month average rate was 0.4% in October (0.4% in September).



Housing Rents

In October 2015 the monthly rate of change of the average value of rents by net area for the whole country was 0.1% (0.0% in the previous month).

The main increase was recorded in the Centro region (0.3%). The main decrease was observed in the Alentejo region, where the value of rents by net area decreased by 0.4%.

The annual change rate of the housing rents for the whole country was 1.1% in October (1.0% in September). The main increase was observed in the Centro region (3.7%), while the Alentejo region recorded the main decrease (-2.8%).





Consumer Price Index 2015 – changes due to the annual chaining of the index

With the publication of the Consumer Price Index (CPI) in January of each year, the expenditure structure and the goods and services included in the basket are updated benefiting from the chaining process.

The weighting structure for the 2015 CPI is based on the households' final monetary consumption expenditure of Portuguese National Accounts at three-digit level of the Classification of Individual Consumption by Purpose (COICOP). These results are valued to December prices of the previous year. Due to the new benchmark of the Portuguese National Accounts there were some relevant changes in the CPI weighting structure compared with the previous year.

This complies with the regulations of the European Commission and Eurostat recommendations for the compilation of the Harmonized Index of Consumer Prices, aiming to ensure the highest quality of the information and the comparability among Member States.

Using information from National Accounts as the primary source ensures the appropriate update of the weights at the aggregated level on an annual basis, reflecting not only price changes but also changes in quantities of goods and services purchased by households. Information from National Accounts, which reflects the integration of several sources, including the Household Budget Survey (HBS), ensures a high degree of consistency with other fundamental variables for economic analysis. National Accounts are compiled using supply and use tables, matching available resources of each product (domestic production and imports) and the respective uses (exports and domestic spending) at a relatively detailed level.

Even though, as the number of products included in the CPI is more detailed than that provided by National Accounts, for more disaggregated levels of expenditure information from the HBS and the Census supplemented by other administrative sources is used, as well as from other surveys conducted by Statistics Portugal. This information is also used for updating the goods and services included in the CPI.

With the access to more detailed and updated information, notably coming from administrative sources, changes in the weighting structure and / or samples were also introduced for cigarettes, natural gas, pharmaceutical products, new cars, motorcycles, highway tolls, airline tickets, telecommunications services, newspapers and periodicals, packages holidays, football and betting and gambling.

The following table presents the CPI weights for 2014 and 2015.

COI	COP ¹ divisions	2014 weights	2015 weights
01	Food and non-alcoholic beverages	211.8	215.7
02	Alcoholic beverages and tobacco	37.9	41.4
03	Clothing and footwear	69.4	70.9
04	Housing, water, electricity, gas and other fuels	91.3	96.5
05	Furnishings, household equipment and routine maintenance of the house	64.0	65.0
06	Health	72.0	61.0
07	Transport	126.5	134.3
08	Communication	36.3	36.9
09	Recreation and culture	79.4	76.9
10	Education	15.7	17.8
11	Restaurants and hotels	90.8	82.7
12	Miscellaneous goods and services	105.0	100.9
00	All items	1000	1000

¹ COICOP – Classification Of Individual Consumption by Purpose

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Consumer Price Index

The Consumer Price Index (CPI) measures the change over time of the prices of a certain basket of goods and services bought by a "typical" consumer. The CPI has been designed to capture price changes and not to measure price levels.

The CPI is updated every year with the most recent information on prices and quantities. The 2015 CPI weighting structure and the sample of goods and services included in the basket are a result of the combination of three fundamental sources of information: results of the Portuguese National Accounts complemented with the Household Budget Survey and the Census for more detailed levels of expenditure. Administrative data is also used.

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 - COICOP¹ Divisions

Table			
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 the house	11	Restaurants and hotels
06	Health	12	Miscellaneous goods and services
	COP: Classification Of Individual Consumption by Purpose		

¹ COICOP: Classification Of Individual Consumption by Purpose

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.

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 Union¹. 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 area².

The current HICP (2005 = 100) is produced in each Member State following a harmonized methodology developed by experts in the field of price statistics, under the Eurostat's "Price Statistics Working Group". From the methodological point of view, there are no major differences between the HICP and CPI. However, the different scope of coverage leads to differences in the weighting structure, mainly in Restaurants and hotels. This is mostly an effect of the inclusion of non-residents expenditure ("tourists") in the HICP and the corresponding exclusion from the CPI.

Additional information on the methodology of the HICP can be found on the Eurostat website at http://ec.europa.eu/eurostat/web/hicp/overview.

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.

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Table 2: CPI and HICP 2015 weighting structure

COIC	OP ¹ divisions	CPI	HICP
01	Food and non-alcoholic beverages	215.7	208.2
02	Alcoholic beverages and tobacco	41.4	40.6
03	Clothing and footwear	70.9	71.9
04	Housing, water, electricity, gas and other fuels	96.5	91.7
05	Furnishings, household equipment and routine maintenance of the house	65.0	63.5
06	Health	61.0	58.8
07	Transport	134.3	132.9
08	Communication	36.9	35.1
09	Recreation and culture	76.9	64.9
10	Education	17.8	16.9
11	Restaurants and hotels	82.7	119.2
12	Miscellaneous goods and services	100.9	96.3
00	All items	1000	1000

¹COICOP: Classification Of Individual Consumption by Purpose.

Presentation of data and rounding rules

Since the release of the January 2013 CPI indices are published with base 100 in the year 2012.

Due to rounding procedures, those indices may not reproduce exactly the published rates of change. However, it should be noted that the published rates prevail.

In this press release the descriptive analysis is based on rounded values to one decimal.

Next press release

The September 2015 CPI/HICP will be released on December 11^{th} 2015.



	Index divisions ⁽¹⁾														
	01	02	03	04	05	06	07	08	09	10	11	12			
	Annual average rate														
2012	3.20	4.74	-5.24	8.72	-0.47	0.35	3.27	0.46	0.91	1.50	4.47	1.11	2.77		
2013	1.94	4.05	-3.31	2.15	-0.51	1.49	-2.32	0.45	0.41	1.18	1.65	-0.61	0.27		
2014	-1.34	3.09	-2.11	2.22	-0.38	0.66	-1.20	1.10	-1.49	0.43	0.97	-0.46	-0.28		
							Annual rat	te							
2013 October	0.48	4.15	-2.80	1.09	-0.76	3.19	-4.05	1.14	-0.49	0.39	1.11	-0.98	-0.25		
November	0.53	4.48	-3.08	1.13	-0.96	3.00	-3.47	1.57	-0.68	0.33	0.70	-0.99	-0.15		
December	0.61	4.27	-2.65	0.94	-1.10	3.00	-0.54	1.55	-1.03	0.31	0.55	-0.81	0.20		
2014 January	0.20	4.26	-2.63	2.15	-1.18	1.37	-1.38	3.39	-1.40	0.29	0.61	-0.44	0.06		
February	-0.05	3.71	-2.26	2.27	-1.00	1.01	-1.89	2.45	-0.95	0.36	0.63	-0.39	-0.08		
March	-0.42	2.22	-1.02	2.10	-0.92	0.78	-3.08	1.98	-1.48	0.40	0.17	-0.43	-0.37		
April	-0.93	2.36	-1.82	2.10	-0.91	0.16	0.26	1.61	-1.33	0.46	0.13	-0.70	-0.14		
May	-2.33	2.14	-1.65	2.15	-0.83	0.29	-0.52	1.58	-1.18	0.41	0.65	-0.72	-0.44		
June	-2.53	2.88	-1.45	2.32	-1.00	0.74	0.15	0.36	-1.80	0.40	0.62	-0.63	-0.42		
July	-3.05	3.11	-7.45	2.15	-0.77	0.81	0.09	0.37	-1.94	0.36	0.84	0.22	-0.87		
August	-3.17	3.38	-0.67	2.18	-0.34	0.71	0.58	0.39	-0.99	0.37	1.28	-0.24	-0.36		
September	-2.19	3.70	-0.98	2.34	-0.60	0.81	-1.09	-0.14	-2.41	0.37	1.94	-0.63	-0.37		
October	-0.63	3.17	-2.20	2.62	0.72	0.39	-1.39	0.68	-1.46	0.57	1.63	-0.70	0.00		
November	-0.53	3.13	-1.63	2.40	1.15	0.46	-1.84	0.27	-1.72	0.57	1.44	-0.42	0.02		
December	-0.38	3.09	-1.84	1.92	1.12	0.32	-4.38	0.28	-1.24	0.60	1.64	-0.48	-0.36		
2015 January	-0.13	3.09	-1.48	1.05	0.99	0.34	-4.21	1.19	-1.32	0.60	1.34	-0.55	-0.39		
February	0.01	3.19	-1.84	0.20	0.84	0.65	-2.78	2.80	-1.52	0.60	1.78	-0.85	-0.21		
March	0.29	2.60	-1.99	0.32	0.76	0.59	-0.26	3.63	-0.93	0.54	1.98	-0.61	0.31		
April	1.18	4.04	-2.44	0.50	0.64	0.50	-1.40	3.55	-1.40	0.49	1.89	-0.02	0.40		
May	2.07	5.07	-2.54	0.48	0.60	0.56	1.04	3.58	-0.82	0.50	1.57	-0.02	0.95		
June	1.95	4.91	-3.44	0.62	0.78	0.49	-0.20	4.90	-0.53	0.51	1.54	0.02	0.80		
July	1.53	4.97	-2.86	0.24	1.15	0.34	-0.42	4.98	-0.48	0.59	1.43	0.41	0.77		
August	1.71	4.36	-2.65	0.05	1.14	0.47	-1.83	4.96	-0.42	0.58	1.51	1.08	0.66		
September	1.98	4.28	-0.23	-0.22	1.19	0.29	-1.11	5.53	-0.54	0.59	1.03	1.02	0.88		
October	1.27	3.89	-0.90	-0.32	-0.10	0.19	-0.85	4.77	-0.54	0.93	0.95	1.60	0.63		
Symbols:	f estimated		Po provisio			x not avai	able								
Note:	(1) The name	es of the di	visions are giv	en in the exp	planatory not	tes.									

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

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	EA_ ETCD																													
	EA- 19 ⁽²⁾	EICP (3)	BE	BG	CZ	DK	DE	EE	EL	ES	FR	HR	IE	π	СҮ	LV	LT	LU	HU	МТ	NL	AT	PL	РТ	RO	SI	SK	FI	SE	U
														A	nnual av	erage ra	ite													
2012	2.5	2.6	2.6	2.4	3.5	2.4	2.1	4.2	1.0	2.4	2.2	3.4	1.9	3.3	3.1	2.3	3.2	2.9	5.7	3.2	2.8	2.6	3.7	2.8	3.4	2.8	3.7	3.2	0.9	2.
2013	1.4	1.5	1.2	0.4	1.4	0.5	1.6	3.2	-0.9	1.5	1.0	2.3	0.5	1.3	0.4	0.0	1.2	1.7	1.7	1.0	2.6	2.1	0.8	0.4	3.2	1.9	1.5	2.2	0.4	2.
2014	0.4	0.6	0.5	-1.6	0.4	0.3	0.8	0.5	-1.4	-0.2	0.6	0.2	0.3	0.2	-0.3	0.7	0.2	0.7	0.0	0.8	0.3	1.5	0.1	-0.2	1.4	0.4	-0.1	1.2	0.2	1.
															Annua	al rate														
2013 October	0.7	0.9	0.7	-1.1	0.8	0.3	1.2	2.2	-1.9	0.0	0.7	0.8	-0.1	0.8	-0.5	0.0	0.5	1.0	1.1	0.5	1.3	1.5	0.7	0.0	1.2	1.1	0.7	1.7	0.2	2.
November	0.9	1.0	0.9	-1.0	1.0	0.3	1.6	2.1	-2.9	0.3	0.8	0.7	0.3	0.7	-0.8	-0.3	0.5	1.1	0.4	0.3	1.2	1.5	0.5	0.1	1.3	1.2	0.5	1.8	0.3	2
December	0.8	1.0	1.2	-0.9	1.5	0.4	1.2	2.0	-1.8	0.3	0.8	0.5	0.4	0.7	-1.3	-0.4	0.4	1.5	0.6	1.0	1.4	2.0	0.6	0.2	1.3	0.9	0.4	1.9	0.4	2
014 January	0.8	0.9	1.1	-1.4	0.3	0.8	1.2	1.6	-1.4	0.3	0.8	0.4	0.3	0.6	-1.6	0.5	0.2	1.5	0.8	0.9	0.8	1.5	0.6	0.1	1.2	0.9	0.0	1.9	0.2	1.
February	0.7	0.8	1.0	-2.1	0.3	0.3	1.0	1.1	-0.9	0.1	1.1	-0.2	0.1	0.4	-1.3	0.5	0.2	0.8	0.3	1.6	0.4	1.5	0.7	-0.1	1.3	0.2	-0.1	1.6	0.1	1
March	0.5	0.6	0.9	-2.0	0.3	0.2	0.9	0.7	-1.5	-0.2	0.7	-0.1	0.3	0.3	-0.9	0.3	0.3	0.8	0.2	1.4	0.1	1.5	0.6	-0.4	1.3	0.2	-0.2	1.3	-0.4	1
April	0.5	0.8	0.9	-1.3	0.3	0.2	1.1	0.8	-1.5	0.2	0.8	-0.1	0.3	0.5	-0.9	0.8	0.4	0.9	-0.2	0.5	0.6	1.4	0.0	-0.4	1.5	0.5	-0.2	1.3	0.3	1
																							0.3							
May	0.5	0.6	0.8	-1.8	0.5	0.3	0.6	0.6	-2.1	0.2	0.8	0.4	0.4	0.4	-0.1	0.8	0.1	1.4	0.0	0.4	0.1	1.5		-0.3	1.3	1.0	0.0	1.0	0.1	1
June	0.5	0.7	0.7	-1.8	0.0	0.4	1.0	0.4	-1.5	0.0	0.6	0.5	0.5	0.2	0.0	0.8	0.3	1.2	-0.1	0.7	0.3	1.7	0.3	-0.2	0.9	1.0	-0.1	1.1	0.5	1
July	0.4	0.5	0.6	-1.1	0.6	0.5	0.8	0.0	-0.8	-0.4	0.6	0.5	0.5	0.0	0.9	0.6	0.5	1.2	0.5	0.6	0.3	1.7	0.0	-0.7	1.5	0.3	-0.2	1.0	0.4	1
August	0.4	0.5	0.4	-1.0	0.7	0.3	0.8	-0.2	-0.2	-0.5	0.5	0.3	0.6	-0.2	0.8	0.8	0.3	0.7	0.3	0.8	0.4	1.5	-0.1	-0.1	1.3	0.0	-0.2	1.2	0.2	1
September	0.3	0.4	0.2	-1.4	0.8	0.3	0.8	0.2	-1.1	-0.3	0.4	0.2	0.5	-0.1	0.0	1.2	0.0	0.3	-0.5	0.6	0.2	1.4	-0.2	0.0	1.8	-0.1	-0.1	1.5	0.0	1
October	0.4	0.5	0.3	-1.5	0.7	0.3	0.7	0.5	-1.8	-0.2	0.5	0.5	0.4	0.2	0.3	0.7	0.3	0.4	-0.3	0.7	0.4	1.4	-0.3	0.1	1.8	0.1	0.0	1.2	0.3	1
November	0.3	0.3	0.1	-1.9	0.6	0.2	0.5	0.0	-1.2	-0.5	0.4	0.3	0.2	0.3	0.0	0.9	0.4	0.2	0.1	0.6	0.3	1.5	-0.3	0.1	1.5	0.1	0.0	1.1	0.3	1
December	-0.2	-0.1	-0.4	-2.0	0.1	0.1	0.1	0.1	-2.5	-1.1	0.1	-0.1	-0.3	-0.1	-1.0	0.3	-0.1	-0.9	-0.8	0.4	-0.1	0.8	-0.6	-0.3	1.0	-0.1	-0.1	0.6	0.3	0
015 January	-0.6	-0.5	-0.6	-2.4	-0.1	-0.3	-0.5	-0.5	-2.8	-1.5	-0.4	-0.6	-0.4	-0.5	-0.7	-0.3	-1.4	-1.1	-1.4	0.8	-0.7	0.5	-1.0	-0.4	0.5	-0.7	-0.5	-0.1	0.4	0
February	-0.3	-0.3	-0.4	-1.7	-0.1	0.0	0.0	-0.2	-1.9	-1.2	-0.3	-0.4	-0.4	0.1	-0.8	0.0	-1.5	-0.3	-1.0	0.6	-0.5	0.5	-1.3	-0.1	0.4	-0.5	-0.6	-0.1	0.7	0
March	-0.1	-0.1	-0.1	-1.1	0.1	0.3	0.2	0.0	-1.9	-0.8	0.0	0.0	-0.3	0.0	-1.4	0.5	-1.1	0.1	-0.5	0.5	-0.3	0.9	-1.2	0.4	0.8	-0.4	-0.4	0.0	0.7	0
April	0.0	0.0	0.4	-0.9	0.5	0.4	0.3	0.4	-1.8	-0.7	0.1	-0.1	-0.4	-0.1	-1.7	0.6	-0.6	0.0	0.0	1.4	0.0	0.9	-0.9	0.5	0.6	-0.7	-0.1	-0.1	0.5	-(
May	0.3	0.3	0.8	-0.3	0.7	0.4	0.7	0.5	-1.4	-0.3	0.3	0.0	0.2	0.2	-1.7	1.2	-0.1	0.4	0.6	1.3	0.7	1.0	-0.6	1.0	1.3	-0.8	-0.1	0.1	0.9	0
June	0.2	0.1	0.9	-0.6	0.9	0.4	0.1	0.3	-1.1	0.0	0.3	0.1	0.4	0.2	-2.1	0.7	-0.2	0.5	0.7	1.1	0.5	1.0	-0.6	0.8	-0.9	-0.9	-0.1	0.1	0.4	0
July	0.2	0.2	0.9	-1.0	0.4	0.5	0.1	0.1	-1.3	0.0	0.2	-0.2	0.2	0.3	-2.4	-0.2	-0.2	0.2	0.5	1.2	0.8	1.1	-0.5	0.7	-1.4	-0.7	-0.2	-0.1	0.8	0
August	0.1	0.0	0.8	-0.8	0.2	0.3	0.1	0.2	-0.4	-0.5	0.1	-0.1	0.2	0.4	-1.9	0.2	-1.0	0.1	0.1	1.4	0.4	0.9	-0.4	0.7	-1.7	-0.6	-0.2	-0.2	0.6	0
September	-0.1	-0.1	0.9	-0.9	0.2	0.3	-0.2	-0.3	-0.8	-1.1	0.1	-0.5	0.0	0.2	-1.9	-0.4	-0.8	-0.2	-0.1	1.6	0.3	0.6	-0.6	0.9	-1.5	-1.0	-0.5	-0.7	0.9	-(
October	0.0 f	x	х	х	х	x	х	х	х	х	х	х	х	x	х	x	x	х	x	x	х	x	х	0.7	х	x	x	х	х	
Symbols:	f estima	ated P	o provis	sional	Rc revi	ised x	not ava	lable																						
Notes:	(1) From	January	2006 on	wards:	base 10	0=2005;	index ra	tes of ch	ange cal	culated b	based or	indexes	rounded	l up to tv	wo decim	al place	s.													
	(2) Meml	oer State	s belong	ging to th	ne Euro /	Area: EA	-13 until	Decemb	er 2007,	EA-15 u	ntil Dece	ember 20	008, EA-1	L6 until D	ecembe	r 2010, E	EA-17 unt	til Decen	nber 201	3, EA-18	until De	cember	2014, E/	\-19 fror	n Januar	y 2015 (including	Lithuani	ia).	
	(3) Europ	ean Inde	ex of Cor	nsumer F	Prices: E	U-15 un	til April 2	004, EU-	25 until I	Decembe	er 2006,	EU-27 ui	ntil June	2013 an	d EU-28 (onwards														
Source:	INE-Portu	<u> </u>																												
Code abbre	eviations	of the M	1ember	States	-																									
	BE	Belgium				EE	Estonia				п	Italy				HR	Croatia				PL	Poland				FI	Finland			
		Bulgaria				EL	Greece				CY	Cyprus				HU	Hungary	,			РТ	Portuga				SE	Sweder			
	cz	Czech R	epublic			ES	Spain				LV	Latvia				МТ	Malta				RO	Romani					United k			
	DK	Denmar				FR	France				LT	Lithuani	ia			NL	Netherla	ands			51	Slovenia						3		
		e en nur					. runce					archardin										Siorenn	-							
	DE	German				IE	Ireland				LU	Luxemb				AT	Austria				SK	Slovakia								

Consumer Price Index – October 2015