

## PRESS RELEASE

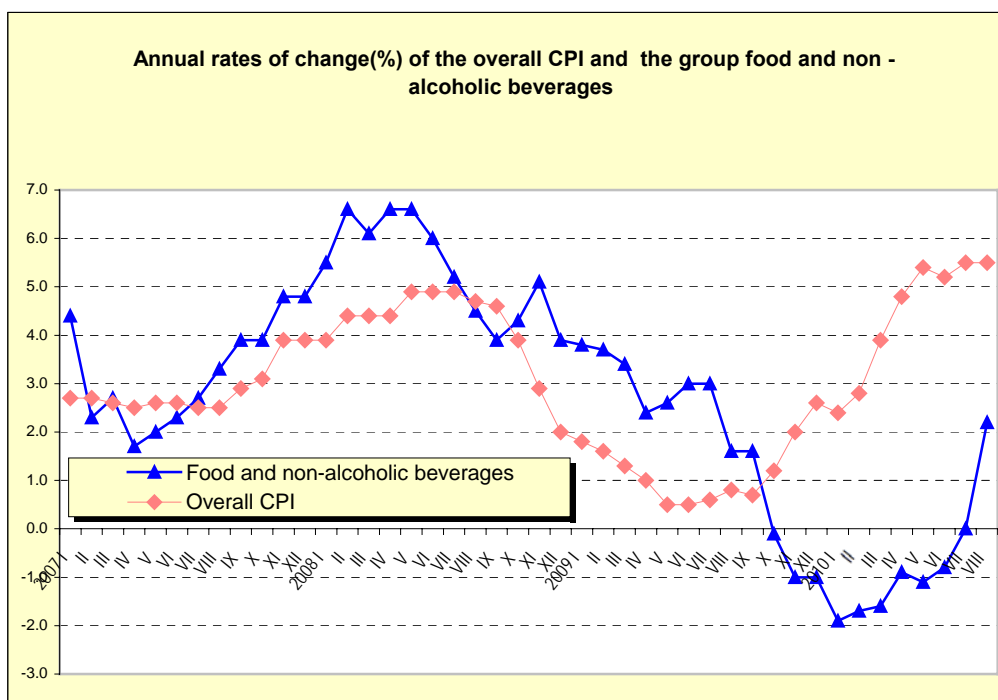
The Consumer Price Index recorded a rise of 5.5% in August 2010 compared with August 2009.

### CONSUMER PRICE INDEX: August 2010 (2005=100.0)

The Consumer Price Index (CPI) in August 2010 compared with August 2009, increased by 5.5%. The previous year, in August 2009, the annual rate of change of the CPI was 0.8% (Table 2).

The CPI in August 2010 compared with July 2010, decreased by 0.7%. The previous year, in August 2009, the monthly rate of change of the CPI was -0.7% (Table 1).

In the twelve-month period from September 09 to August 10 compared with the period from September 08 to August 09 the annual average rate of change of the CPI was 3.5%. The previous year (period from September 08 to August 09), the corresponding annual average rate of change of the CPI was 1.8% (Table 3).



Information:

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**Table 1**  
**Monthly rates of change of the Consumer Price Index – August 2010**  
**(2005=100.0)**

	Main groups of goods and services	Weights HBS 04 / 05 (%)	2010		Rate of change (%)	2009		Rate of change (%)
			August	July		August	July	
1	Food & non-Alcoholic Beverages	178.21	114.95	113.91	0.9	112.52	113.87	-1.2
2	Alcoholic Beverages & Tobacco	41.60	145.79	145.69	0.1	122.16	122.19	0.0
3	Clothing and Footwear	87.01	101.36	110.24	-8.1	100.75	108.52	-7.2
4	Housing	116.51	125.16	125.06	0.1	115.79	115.70	0.1
5	Household Equipment	78.22	106.81	109.59	-2.5	105.90	108.28	-2.2
6	Health	74.55	114.23	114.02	0.2	112.88	112.87	0.0
7	Transport	132.21	125.48	125.61	-0.1	107.63	106.12	1.4
8	Communication	47.02	102.33	102.33	0.0	98.21	97.13	1.1
9	Recreation and Culture	50.30	107.93	107.94	0.0	106.98	107.02	0.0
10	Education	26.63	120.29	120.29	0.0	116.79	116.79	0.0
11	Hotels, Cafés & Restaurants	100.19	119.01	119.00	0.0	115.11	114.93	0.2
12	Miscellaneous Goods & Services	67.56	116.27	116.64	-0.3	111.82	111.69	0.1
	Overall Index	1000.00	116.63	117.45	-0.7	110.51	111.33	-0.7

Note 1: The indices are calculated with infinite decimal figures and rounded up to two decimal figures when published.

Note 2: Percentage changes are calculated on the basis of indices with infinite decimal figures and rounded up to one decimal figure when published.

**Table 2**  
**Annual rates of change of the Consumer Price Index – August 2010**  
**(2005=100.0)**

**I**

Main groups of goods and services		August	August	Rate of change (%)	Effect
		2009	2008		
1	Food and non Alcoholic Beverages	112.52	110.72	1.6	0.2916
2	Alcoholic Beverages and Tobacco	122.16	114.91	6.3	0.2748
3	Clothing and Footwear	100.75	97.87	2.9	0.2282
4	Housing	115.79	121.75	-4.9	-0.6332
5	Household Equipment	105.90	103.94	1.9	0.1397
6	Health	112.88	109.85	2.8	0.2055
7	Transport	107.63	111.10	-3.1	-0.4182
8	Communication	98.21	97.84	0.4	0.0157
9	Recreation and Culture	106.98	105.74	1.2	0.0569
10	Education	116.79	111.52	4.7	0.1280
11	Hotels, Cafés and Restaurants	115.11	112.61	2.2	0.2290
12	Miscellaneous Goods and Services	111.82	107.63	3.9	0.2576
Overall Index		110.51	109.66	0.8	

**II**

Main groups of goods and services		August	August	Rate of change (%)	Effect
		2010	2009		
1	Food and non Alcoholic Beverages	114.95	112.52	2.2	0.3917
2	Alcoholic Beverages and Tobacco	145.79	122.16	19.3	0.8896
3	Clothing and Footwear	101.36	100.75	0.6	0.0485
4	Housing	125.16	115.79	8.1	0.9881
5	Household Equipment	106.81	105.90	0.9	0.0645
6	Health	114.23	112.88	1.2	0.0911
7	Transport	125.48	107.63	16.6	2.1358
8	Communication	102.33	98.21	4.2	0.1751
9	Recreation and Culture	107.93	106.98	0.9	0.0429
10	Education	120.29	116.79	3.0	0.0842
11	Hotels, Cafés and Restaurants	119.01	115.11	3.4	0.3530
12	Miscellaneous Goods and Services	116.27	111.82	4.0	0.2723
Overall Index		116.63	110.51	5.5	

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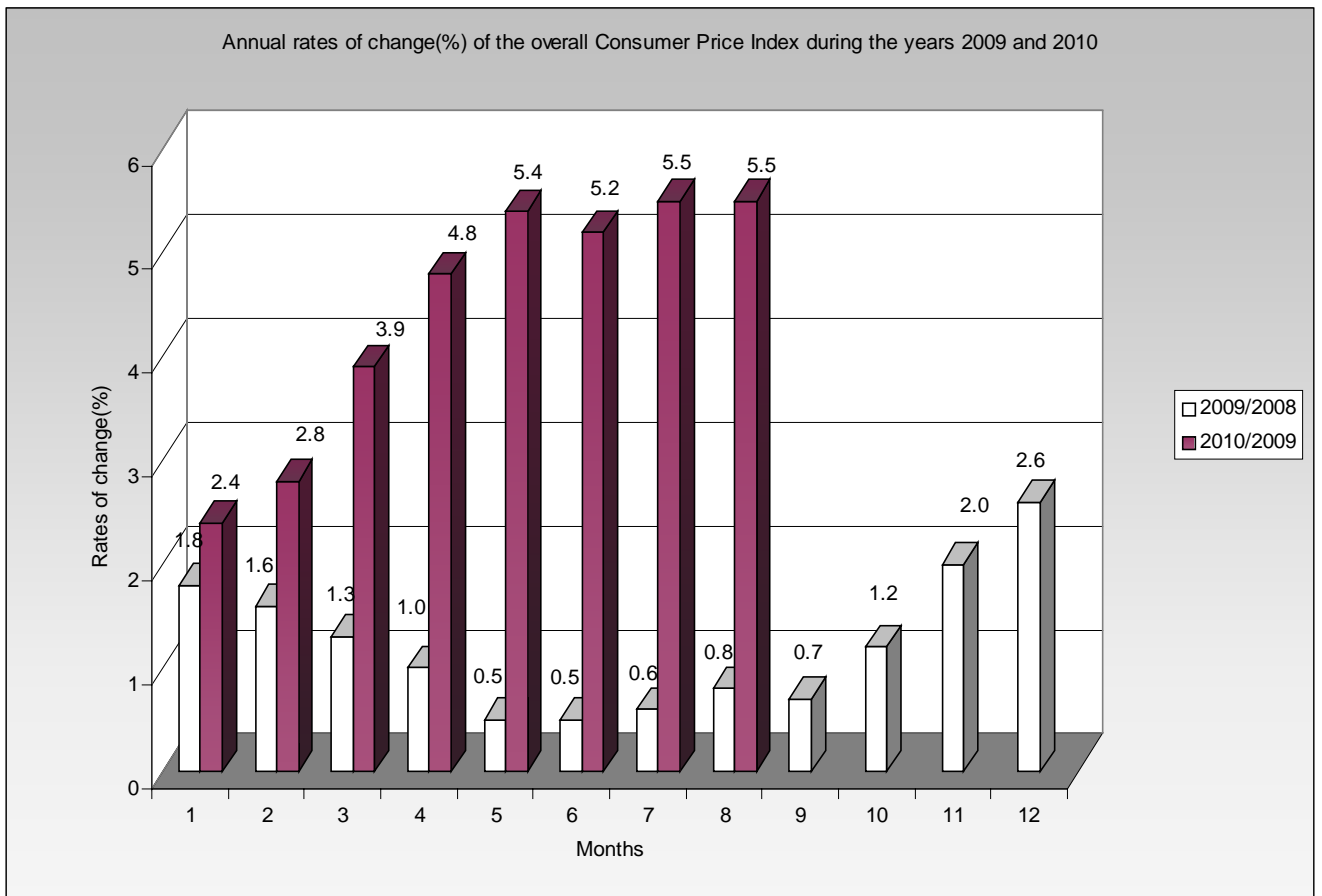
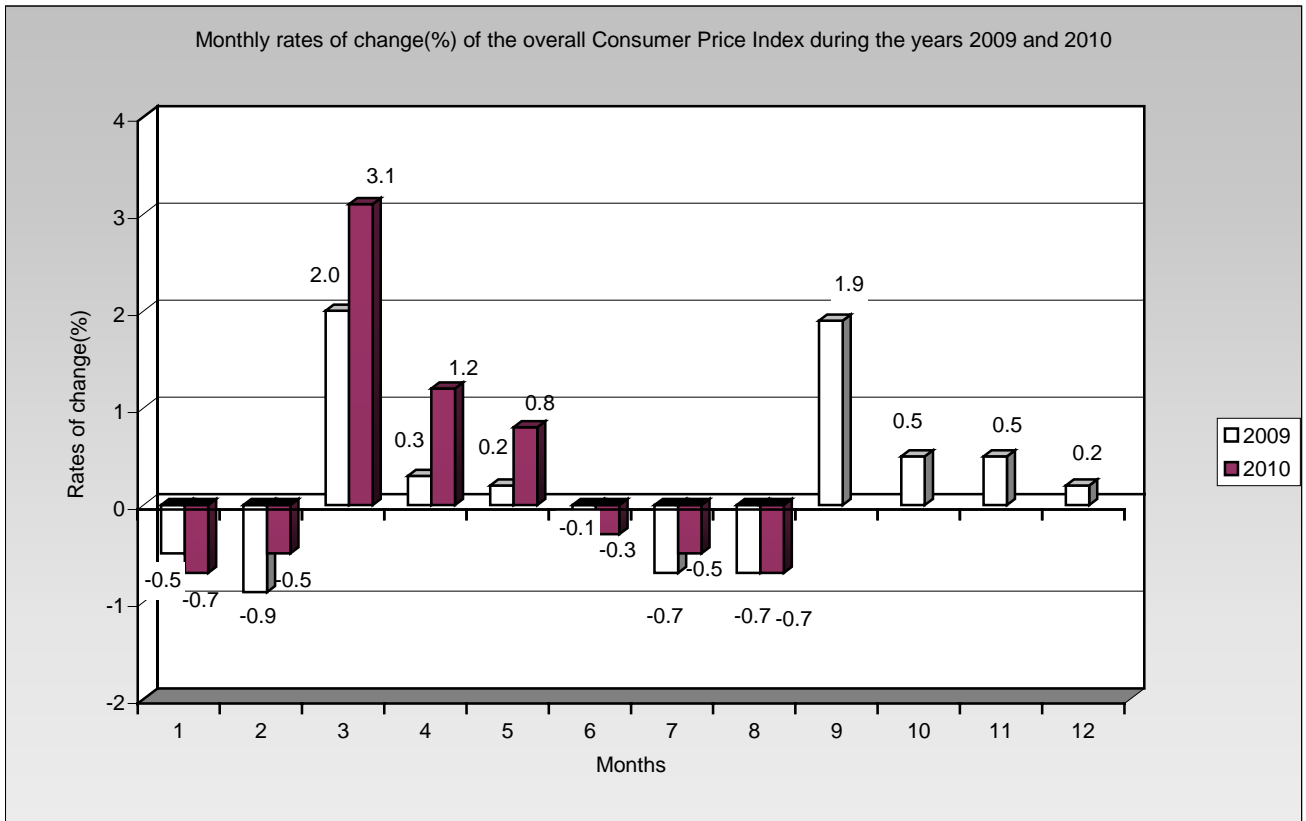
**Table 3**  
**Comparisons of the overall Consumer Price Index**  
**(2005=100.0)**

Year and month	Overall index	Monthly rates of change %	Annual rates of change %	Annual average index (moving average)	Annual average rates of change %
2008 : 1	108.55	-0.3	3.9	106.52	3.0
2	107.73	-0.8	4.4	106.90	3.1
3	110.20	2.3	4.4	107.29	3.3
4	110.90	0.6	4.4	107.69	3.5
5	111.68	0.7	4.9	108.12	3.6
6	111.57	-0.1	4.9	108.56	3.8
7	110.70	-0.8	4.9	108.99	4.0
8	109.66	-0.9	4.7	109.39	4.2
9	111.81	2.0	4.6	109.81	4.3
10	111.81	0.0	3.9	110.16	4.4
11	111.51	-0.3	2.9	110.41	4.3
12	110.99	-0.5	2.0	110.59	4.2
<i>Annual average</i>	<i>110.59</i>	.	.	<i>110.59</i>	4.2
2009 : 1	110.46	-0.5	1.8	110.75	4.0
2	109.45	-0.9	1.6	110.90	3.7
3	111.63	2.0	1.3	111.01	3.5
4	111.97	0.3	1.0	111.10	3.2
5	112.23	0.2	0.5	111.15	2.8
6	112.16	-0.1	0.5	111.20	2.4
7	111.33	-0.7	0.6	111.25	2.1
8	110.51	-0.7	0.8	111.32	1.8
9	112.61	1.9	0.7	111.39	1.4
10	113.17	0.5	1.2	111.50	1.2
11	113.74	0.5	2.0	111.69	1.2
12	113.92	0.2	2.6	111.93	1.2
<i>Annual average</i>	<i>111.93</i>	-	-	<i>111.93</i>	1.2
2010 : 1	113.08	-0.7	2.4	112.15	1.3
2	112.48	-0.5	2.8	112.40	1.4
3	116.02	3.1	3.9	112.77	1.6
4	117.39	1.2	4.8	113.22	1.9
5	118.32	0.8	5.4	113.73	2.3
6	118.01	-0.3	5.2	114.22	2.7
7	117.45	-0.5	5.5	114.73	3.1
8	116.63	-0.7	5.5	115.24	3.5

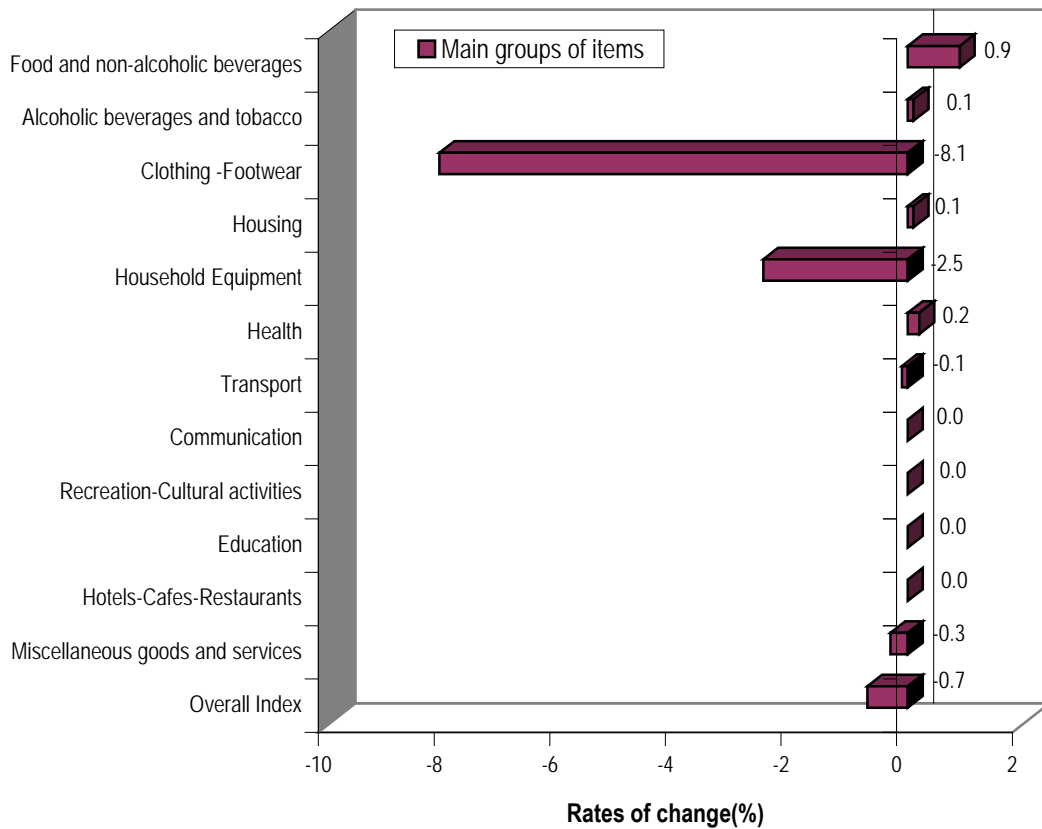
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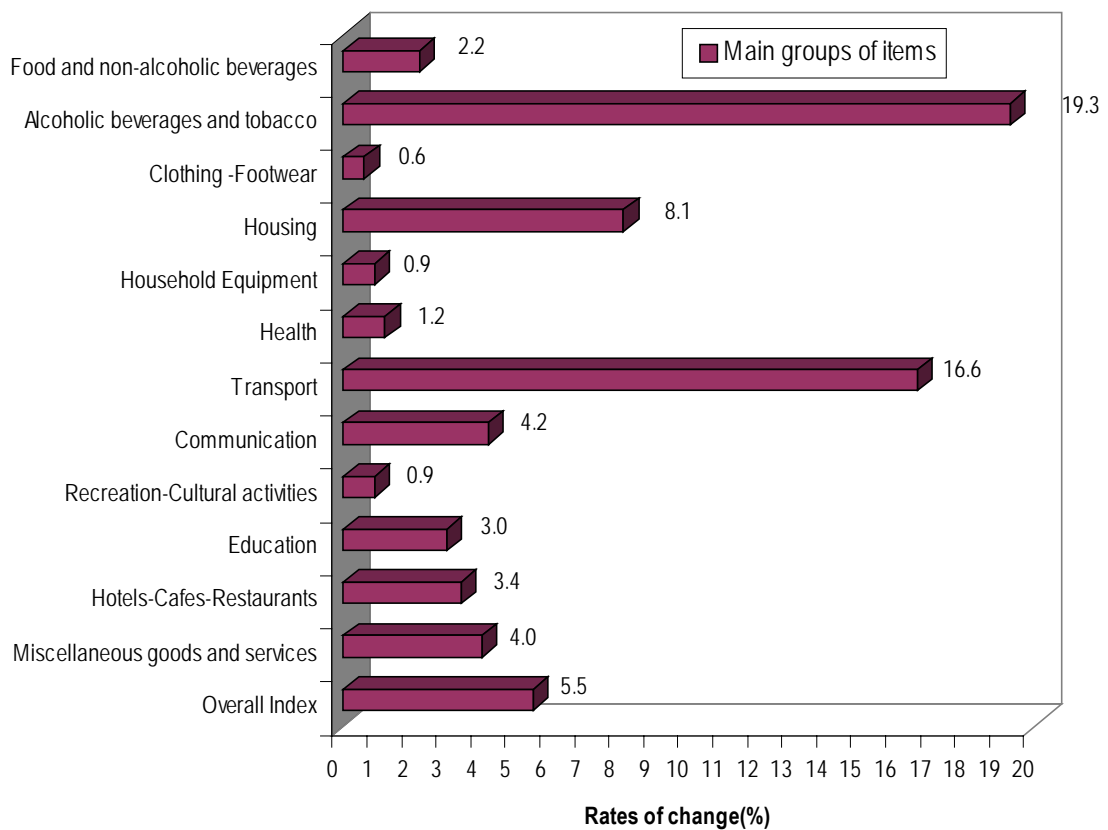
## DIAGRAMS



Monthly rates of change (%) of the CPI between August 2010 and July 2010



Annual rates of change (%) of the CPI between August 2010 and August 2009



## METHODOLOGICAL NOTES

<b>Generally</b>	The Consumer Price Index (CPI) in Greece has been compiled since 1959, by the Hellenic Statistical Authority (ELSTAT). The compiled till the year 2000 CPI referred to the urban areas of the Country, while the compiled from 2001 CPI, refers to the whole Country.
<b>Purpose of the index</b>	The purpose of this index is to measure the general level of the prices of goods and services, purchased by the average household.
<b>Legal basis</b>	D.L.3627/56, L. 2392/96
<b>Reference period</b>	Month
<b>Base year</b>	2005=100.0.
<b>Revision of the index</b>	The CPI is revised regularly according to the results of the latest, each time, Household Budget Survey (HBS). The main purposes of the revisions of the CPI are, the adjustment of the weights and the renewal of the sample of items (goods and services), which are included in the Index, taking into account the most up-to-date composition of consumption. The last revision of the CPI was based on the results of the HBS conducted in the period 2004/05.
<b>Geographical and population coverage of the CPI</b>	<p>The CPI, as it has already been stated, refers to the whole of the Country covering (without distinction) the urban, semi-urban and rural areas.</p> <p>Concerning the population coverage of the Index, with regards to the weights, it covers only the private households, leaving out collective households (retirement homes, boarding houses, etc) and foreign visitors (tourists) in Greece.</p>
<b>Classification of items</b>	The grouping of the items (goods and services) of the CPI has been made according to the new international classification COICOP (Classification of Individual Consumption by Purpose) and in particular, as this one has been adjusted for the needs of the Harmonized Indices of Consumer Prices (HICP) of the EU Member-States by creating the classification COICOP/HICP.
<b>Weights of items</b>	The weights of items, used for the compilation of the CPI were calculated on the basis of the 2004/05 Household Budget Survey results. These weights are calculated as percentage (%) contribution of the household expenditure of each group, sub-group and item (good or service) to the total household expenditure of the average household.
<b>Price collection Cities -Population weights</b>	<p>The price collection of the items of CPI takes place in 24 cities, aiming at the achievement of the representative coverage of the 13 Regions of the Country in regards to the price-collection. The selection criteria of the price collection cities are the size and the particularities of their markets, the possibility of continuous price collection and the comparability of the index and the required cost of price collection.</p> <p>The population weights of the price-collection cities derived from the data of the General Population Census of the year 2001. These weights are calculated as percentage (%) contribution of the population of each price collection city and the greater area that the city represents, to the total population of the Country.</p> <p>The price collection cities with the corresponding population weights are:</p> <p>Athens-Piraeus 40.64%, Thessaloniki 12.74%, Patra 5.81%, Larissa 4.90%, Heraklio 4.83%, Kavala 3.23%, Ioannina 2.83%, Kalamata 2.55%, Volos 2.45%, Kozani 2.43%, Komotini 2.40%, Mytilini 1.90 %, Serres 1.85%, Lamia 1.79%, Kerkyra 1.75%, Rodos 1.75%, Tripoli 1.58%, Edessa 1.44%, Mesologgi 0.72%, Aghios Nikolaos 0.70 %, Lefkada 0.50%, Amfissa 0.44%, Igoumenitsa 0.42%, Grevena 0.35%.</p>

**Selection of items** The composition of the “household basket”, i.e. the selection of goods and services, which are included in the Index, was made, according to the results of the Household Budget Survey 2004/05, and after a relative research in the market. For each sub-group the necessary number of items was selected to ensure the representativeness of the individual index of sub-group.

The items of goods and services of the revised CPI amount to 784 and they are broken down to a greater number of varieties.

**Price collection- Outlets** Prices are collected from retail sales outlets, enterprises providing services, street markets etc, (outlets) which are considered representative of the branches of shops, where the households make their purchases in the 24 selected price collection cities.

Prices are collected by experienced and well-trained staff of ELSTAT, who visit the selected outlets within a certain time period of a month (monthly prices) or on a certain day of the week (weekly prices) and register the prices into special price collection forms. The collected prices correspond with the prices actually paid by the consumer.

**Specification- Substitution of items** All the items, for which prices are collected, are defined by the **specification**, that is the particular characteristics which determine the quality, the get up and the identity, in general, of goods (such as brand, weight, package etc) in order to avoid any price variations attributable to differences in the specification.

When a specified item (variety of a species) is no longer available in the market or has ceased to be important, as regards the consumption, then it is substituted by the item, which has taken its place in the market.

**Calculation of the Consumer Price Index** The Consumer Price Index is a Laspeyres-type index and it is calculated by the formula:

$$I^t = \sum_{i=1}^k R_i^t w_i, \quad i = 1, 2, \dots, k,$$

Where:

$I^t$  = The overall index of the current period (month) t,

$R_i^t$  = The individual index (sub-index) of the species i (or group of similar species),  
For which the weight for the month t exists,

$$w_i = \frac{p_i^0 q_i^0}{\sum_{i=1}^k p_i^0 q_i^0} = \text{The weight (based on the HBS results) of the species } i, \text{ where } p_i^0 \text{ and } q_i^0 \text{ are the price and quantity of the species } i, \text{ in the base period } 0, \text{ respectively.}$$

**Publication of data** The CPI data are released each month in the anticipated press release, within pre-defined from the previous year dates.

The time series of the index with base year 2005=100.0 starts back from January 1959.

**References** More information about the methodology concerning the compilation and calculation of the index and for the time series is available on the ELSTAT website ([www.statistics.gr](http://www.statistics.gr)).