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# PRESS RELEASE

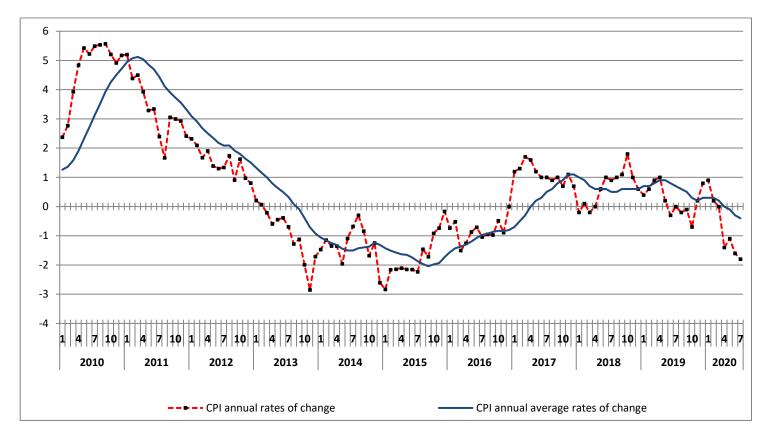
# CONSUMER PRICE INDEX: July 2020, annual inflation -1.8%

The evolution of the Consumer Price Index (CPI) of July 2020 (reference year 2009=100.0) is depicted as follows:

The CPI in July 2020 compared with July 2019, decreased by 1.8%. In July 2019, the annual rate of change of the CPI remained unchanged (Table 2).

The CPI in July 2020 compared with June 2020, decreased by 1.7%. In July 2019, the monthly rate of change of the CPI was -1.5% (Table 1).

The average CPI for the twelve - month period from August 2019 to July 2020, compared with the corresponding index for the period August 2018 to July 2019 decreased by 0.4%. The annual rate of change of the average CPI between the twelve - month period August 2018 to July 2019 in comparison to the period August 2017 to July 2018 was 0.7% (Table 3).



#### Graph 1. Annual and annual average rates of change (%) of CPI

Information on methodological issues: Population, Employment and Cost of Living Statistics Division Section of Retail Price Indices Head of the Section M. Glenis Tel: +30 213 135 2128 Fax: +30 213 135 2724 email: cpi@statistics.gr Information for data provision: Tel: +30 213 135 2022, 2308, 2310 email: data.dissem@statistics.gr

### Analysis of changes of the CPI: July 2020

#### I. Monthly rates of change: July 2020 compared with June 2020 (Tables 1, 4)

The 1.7% decrease of the Overall CPI in July 2020, compared with the corresponding index in June 2020 is, mainly, due to the changes in the groups of goods and services as follows:

#### 1. A decrease of:

- 1.8% in the group Food and non-alcoholic beverages due to the decrease, mainly, in the prices of: fresh whole milk, fresh fruit, fresh vegetables. This decrease was partly offset by the increase, mainly, in the prices of: lamb and goat, cheese.
- 20.9% in <u>Clothing and footwear</u>, due to the period of summer sales.
- 1.4% in the group <u>Household equipment</u>, due to the period of summer sales and the decrease in the prices of *non-durable household articles*.
- 0.5% in the group Health, due to the decrease, mainly, in the prices of *pharmaceutical products*.
- 0.3% in the group <u>Recreation and culture</u>, due to the decrease, mainly, in the prices of *audiovisual and information processing* equipment.
- 0.2% in the group Hotel-Cafés-Restaurants, due to the decrease, mainly, in the prices of restaurants-confectioneries-cafés.
- 0.7% in the group <u>Miscellaneous goods and services</u>, due to the decrease, mainly, in the prices of: other appliances and articles for personal care, other personal effects.

#### 2. An increase of:

- 1.5% in the group <u>Transport</u>, due to the increase, mainly, in the prices of: *fuels and lubricants, tickets for passenger transport by air.* This increase was partly offset by the decrease, mainly, in the prices of *new motorcars*.
- 0.7% in the group <u>Communication</u>, due to the increase, mainly, in the prices of wireless telephone services.

#### II. Annual rates of change: July 2020 compared with July 2019 (Tables 2, 5)

The 1.8% decrease of the Overall CPI in July 2020, compared with the corresponding index in July 2019 is, mainly, due to the changes in the groups of goods and services as follows:

### 1. A decrease of:

- 4.5% in the group <u>Housing</u>, due to the decrease, mainly, in the prices of: *heating oil, natural gas*. This decrease was partly offset by the increase, mainly, in the prices of *electricity*.
- 0.9% in the group <u>Household equipment</u>, due to the decrease, mainly, in the prices of: *household textiles*, *household appliances and repair*, *non-durable household articles*.
- 0.6% in the group <u>Health</u>, due to the decrease, mainly, in the prices of *pharmaceutical products*.
- 9.1% in the group <u>Transport</u>, due to the decrease, mainly, in the prices of *fuels and lubricants, tickets for passenger transport by air, tickets for passenger transport by railway, tickets of passenger transport by road, tickets of combined passenger transport.*
- 1.8% in the group <u>Communication</u>, due to the decrease, mainly, in the prices of *telephone services*.
- 1.1% in the group <u>Recreation and culture</u>, due to the decrease, mainly, in the prices of *audiovisual and information processing* equipment.
- 0.6% in the group <u>Hotel-Cafés-Restaurants</u>, due to the decrease, mainly, in the prices of *hotels-motels-inns*. This decrease was partly offset by the increase, mainly, in the prices of *restaurants-confectioneries-cafés-buffets*.
- 0.8% in the group <u>Miscellaneous goods and services</u>, due to the decrease, mainly, in the prices of *other appliances and articles for personal care*. This decrease was partly offset by the increase, mainly, in the prices of *motor vehicle insurance*.

#### 2. An increase of:

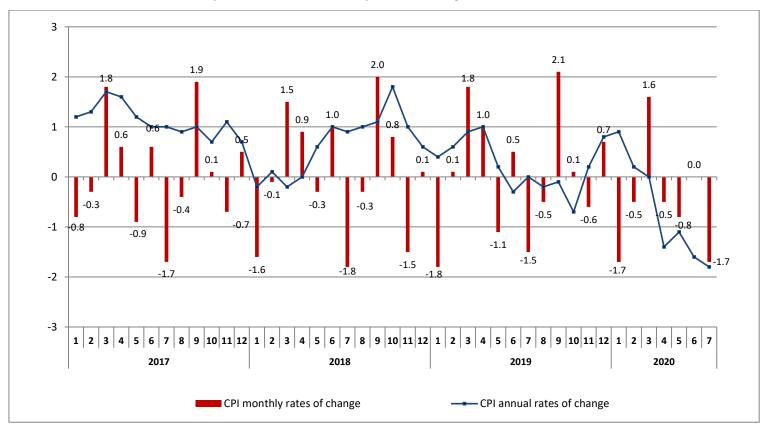
- 1.8% in the group Food and non-alcoholic beverages due to the increase, mainly, in the prices of: bread and cereals, beef, pork, lamb and goat, dried salted or smoked meat, milk cheese and eggs, fresh fruit. This increase was partly offset by the decrease, mainly, in the prices of: poultry, fish, olive oil, fresh vegetables, potatoes, soft drinks.
- 0.1% in the group <u>Alcoholic beverages and tobacco</u>, due to the increase, mainly, in the prices of *spirits and liqueurs*.
- 4.1% in <u>Clothing and footwear</u>, due to the increase in the prices of articles of clothing and footwear.
- 0.6% in the group Education, due to the increase, mainly, in the prices of *fees of pre-primary and primary education*.

	Main groups	Weights HBS	2020	2020	Rate of change	2019	2019	Rate of change
	of goods and services	2018 (‰)	July	June	%	July	June	%
1.	Food & non-alcoholic beverages	202.67	105.53	107.50	-1.8	103.71	103.79	-0.1
2.	Alcoholic beverages and tobacco	37.07	148.91	149.24	-0.2	148.78	148.62	0.1
3.	Clothing and footwear	65.92	79.40	100.37	-20.9	76.28	102.26	-25.4
4.	Housing	141.50	113.27	113.26	0.0	118.59	118.56	0.0
5.	Household equipment	43.08	85.35	86.56	-1.4	86.10	87.66	-1.8
6.	Health	76.74	98.44	98.92	-0.5	99.06	97.48	1.6
7.	Transport	144.01	118.71	116.97	1.5	130.61	128.70	1.5
8.	Communication	42.41	105.54	104.83	0.7	107.46	107.36	0.1
9.	Recreation and culture	39.38	86.35	86.62	-0.3	87.34	87.65	-0.4
10.	Education	32.24	88.98	88.98	0.0	88.50	88.50	0.0
11.	Hotels-Cafés-Restaurants	109.23	109.31	109.53	-0.2	109.96	110.21	-0.2
12.	Miscellaneous goods and services	65.75	89.77	90.39	-0.7	90.49	91.34	-0.9
	Overall Index	1000.00	103.97	105.77	-1.7	105.89	107.46	-1.5

### Table 1. Monthly rates of change of CPI (Reference year: 2009=100.0)

Note: The indices are rounded up to two decimal figures when published and percentage changes up to one decimal figure when published.

Graph 2. Annual and monthly rates of change (%) of CPI



# Table 2. Inflation – Annual rates of change of CPI (Reference year: 2009=100.0)

I: July 2020/2019

			ıly	Rate of	
	Main groups of goods and services	2020	2019	change (%)	Impact
1.	Food and non-alcoholic beverages	105.53	103.71	1.8	0.3598
2.	Alcoholic beverages and tobacco	148.91	148.78	0.1	0.0020
3.	Clothing and footwear	79.40	76.28	4.1	0.1665
4.	Housing	113.27	118.59	-4.5	-0.6374
5.	Household equipment	85.35	86.10	-0.9	-0.0384
6.	Health	98.44	99.06	-0.6	-0.0491
7.	Transport	118.71	130.61	-9.1	-1.3882
8.	Communication	105.54	107.46	-1.8	-0.0787
9.	Recreation and culture	86.35	87.34	-1.1	-0.0451
10.	Education	88.98	88.50	0.6	0.0181
11.	Hotels-Cafés-Restaurants	109.31	109.96	-0.6	-0.0643
12.	Miscellaneous goods and services	89.77	90.49	-0.8	-0.0540
	Overall Index	103.97	105.89	-1.8	

### II: July 2019/2018

		Jı	July		Impact
	Main groups of goods and services	2019	2018	change (%)	
1.	Food and non-alcoholic beverages	103.71	105.23	-1.4	-0.3015
2.	Alcoholic beverages and tobacco	148.78	148.15	0.4	0.0165
3.	Clothing and footwear	76.28	76.05	0.3	0.0108
4.	Housing	118.59	119.63	-0.9	-0.1260
5.	Household equipment	86.10	87.90	-2.1	-0.0889
6.	Health	99.06	96.82	2.3	0.1727
7.	Transport	130.61	127.41	2.5	0.3625
8.	Communication	107.46	103.70	3.6	0.1578
9.	Recreation and culture	87.34	88.81	-1.7	-0.0670
10.	Education	88.50	89.22	-0.8	-0.0264
11.	Hotels-Cafés-Restaurants	109.96	109.53	0.4	0.0494
12.	Miscellaneous goods and services	90.49	92.06	-1.7	-0.1133
	Overall Index	105.89	105.84	0.0	

Note: The indices are rounded up to two decimal figures when published and percentage changes up to one decimal figure when published.

# Table 3. Comparisons of the overall CPI (Reference year: 2009=100.0)

Year and month	Overall Index	Monthly rates of change %	Annual rates of change Inflation %	Annual average index (moving average)	Annual average rates of change %
<b>2017</b> : 1	104.76	-0.8	1.2	104.75	-0.7
2	104.46	-0.3	1.3	104.86	-0.5
3	106.33	1.8	1.7	105.01	-0.3
4	107.01	0.6	1.6	105.16	0.0
5	106.06	-0.9	1.2	105.26	0.2
6	106.72	0.6	1.0	105.35	0.3
7	104.94	-1.7	1.0	105.44	0.5
8	104.48	-0.4	0.9	105.51	0.6
9	106.45	1.9	1.0	105.60	0.8
10	106.56	0.1	0.7	105.67	0.9
11	105.77	-0.7	1.1	105.77	1.1
12	106.33	0.5	0.7	105.82	1.1
Annual average	105.82	-	-	105.82	1.1
<b>2018</b> : 1	104.58	-1.6	-0.2	105.81	1.0
2	104.52	-0.1	0.1	105.81	0.9
3	106.08	1.5	-0.2	105.79	0.7
4	107.05	0.9	0.0	105.80	0.6
5	106.70	-0.3	0.6	105.85	0.6
6	107.76	1.0	1.0	105.94	0.6
7	105.84	-1.8	0.9	106.01	0.5
8	105.49	-0.3	1.0	106.09	0.5
9	107.61	2.0	1.1	106.19	0.6
10	108.44	0.8	1.8	106.35	0.6
11	106.81	-1.5	1.0	106.43	0.6
12	106.92	0.1	0.6	106.48	0.6
Annual average	106.48	-	-	106.48	0.6
<b>2019</b> : 1	105.04	-1.8	0.4	106.52	0.7
2	105.17	0.1	0.6	106.58	0.7
3	107.08	1.8	0.9	106.66	0.8
4	108.14	1.0	1.0	106.75	0.9
5	106.95	-1.1	0.2	106.77	0.9
6	107.46	0.5	-0.3	106.75	0.8
7	105.89	-1.5	0.0	106.75	0.7
8	105.31	-0.5	-0.2	106.74	0.6
9	107.53	2.1	-0.1	106.73	0.5
10	107.67	0.1	-0.7	106.66	0.3
11	107.05	-0.6	0.2	106.68	0.2
12	107.76	0.7	0.8	106.75	0.3
Annual average	106.75	-	-	106.75	0.3
<b>2020</b> : 1	105.94	-1.7	0.9	106.83	0.3
2	105.41	-0.5	0.2	106.85	0.3
3	107.08	1.6	0.0	106.85	0.2
4	106.59	-0.5	-1.4	106.72	0.0
5	105.73	-0.8	-1.1	106.62	-0.1
6	105.77	0.0	-1.6	106.48	-0.3
7	103.97	-1.7	-1.8	106.32	-0.4

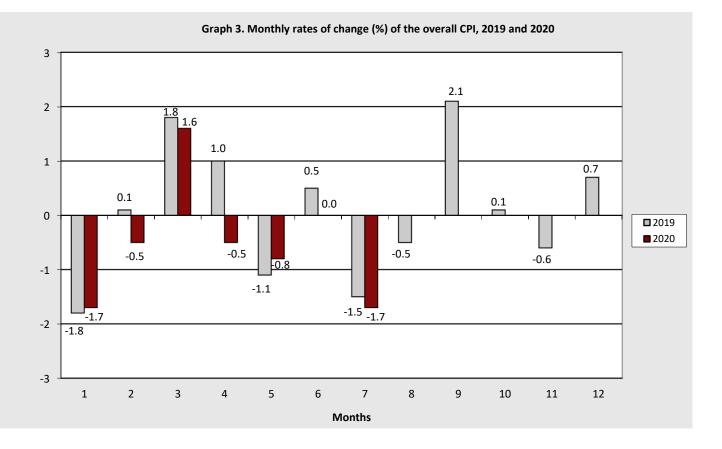
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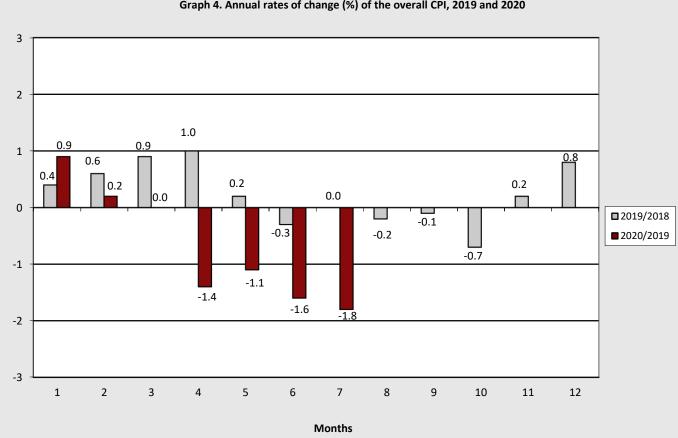
# Table 4. Major price changes from index comparison between July 2020 and June 2020 and their impact on the Overall CPI

Goods and services	Rate of change (%)	Impact
Lamb and goat	2.2	0.01
Cheese	0.8	0.01
Fresh fruit	-15.6	-0.28
Fresh vegetables	-6.5	-0.09
Fresh whole milk	-1.5	-0.01
Non-durable household articles	-1.6	-0.03
Pharmaceutical products	-1.5	-0.04
Fuels and lubricants	2.4	0.12
Passenger transport by air	7.3	0.10
New motorcars	-1.6	-0.03
Wireless telephone services	2.0	0.04
Audiovisual and information processing equipment	-1.9	-0.01
Restaurants-confectioneries-cafes	-0.3	-0.03
Other appliances and articles for personal care	-1.6	-0.04
Other personal effects	-3.2	-0.01
Summer sales	-	-1.42

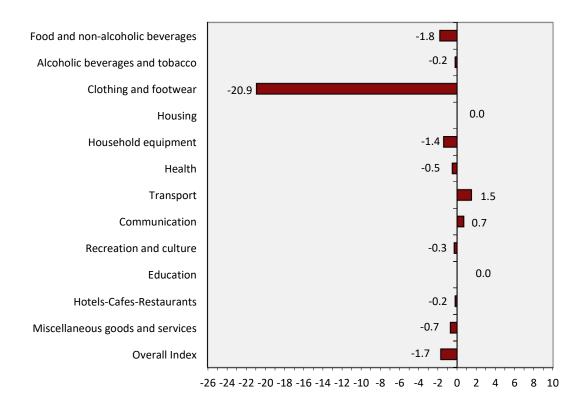
# Table 5. Major price changes from index comparison between July 2020 and July 2019 and their impact on the Overall CPI

Olive oil-8.4-0.07Milk cheese and eggs3.50.12Fresh fruit16.50.21Fresh vegetables-4.90.06Beef2.00.04Fish-0.7-0.01Potatoes-9.4-0.04Bread and cereals1.70.05Soft drinks-6.0-0.01Poultry-3.1-0.03Lamb and goat2.90.01Pork5.50.05Dried salted or smoked meat6.00.03Spirits and liqueurs1.40.01Clothing and footwear4.10.17Heating oil-30.6-0.69Electricity4.50.16Natural gas-33.4-0.11Household articles-1.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-1.7-0.01Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by railway-12.4-0.04Ielephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education-2.5-0.07Noter vehicle insurance-2.5-0.07	Goods and services	Rate of change (%)	Impact
Fresh fruit 16.5 0.21   Fresh vegetables 4.9 -0.06   Beef 2.0 0.04   Fish -0.7 -0.01   Potatoes 9.4 -0.04   Bread and cereals 1.7 0.05   Soft drinks -6.0 -0.01   Poultry -3.1 -0.03   Lamb and goat 2.9 0.01   Pork 5.5 0.05   Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 -0.11   Household extiles -2.7 -0.01   Non-durable household articles -1.4 -0.02   Pharmaceutical products -2.0 -0.05   Fuels and lubricants -11.7 -0.70   Passenger transport by air -25.8 -0.58   Pass	Olive oil	-8.4	-0.07
Fresh vegetables -4.9 -0.06   Beef 2.0 0.04   Fish -0.7 -0.01   Potatoes -9.4 -0.04   Bread and cereals 1.7 0.05   Soft drinks -6.0 -0.01   Poultry -3.1 -0.03   Lamb and goat 2.9 0.01   Pork 5.5 0.05   Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 -0.11   Household appliances and repair 1.7 -0.01   Non-durable househoid articles 1.4 -0.02   Pharmaceutical products -2.0 -0.05   Fuels and lubricants -11.7 -0.70   Passenger transport by rail -25.8 -0.58   Passenger transport by rad -8.8 -0.05	Milk cheese and eggs	3.5	0.12
Beef 2.0 0.04   Fish -0.7 -0.01   Potatoes -9.4 -0.04   Bread and cereals 1.7 0.05   Soft drinks -6.0 -0.01   Poultry -3.1 -0.03   Lamb and goat 2.9 0.01   Pork 5.5 0.05   Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 -0.11   Household appliances and repair -1.7 -0.01   Non-durable household articles -1.4 -0.02   Pharmaceutical products -2.0 -0.05   Fuels and lubricants -11.7 -0.70   Passenger transport by rail -25.8 -0.58   Passenger transport by rad -8.8 -0.05   Combined passenger transport -12.4	Fresh fruit	16.5	0.21
Fish -0.7 -0.01   Potatoes -9.4 -0.04   Bread and cereals 1.7 0.05   Soft drinks -6.0 -0.01   Poultry -3.1 -0.03   Lamb and goat 2.9 0.01   Pork 5.5 0.05   Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 -0.11   Household textiles -2.7 -0.01   Household appliances and repair 1.7 -0.02   Pharmaceutical products -2.0 0.05   Fuels and lubricants -11.7 -0.70   Passenger transport by air -25.8 -0.58   Passenger transport by railway -12.3 -0.02   Pharmaceutical products -2.1 -0.04   Telephone services -2.1	Fresh vegetables	-4.9	-0.06
Potatoes -9.4 -0.04   Bread and cereals 1.7 0.05   Soft drinks -6.0 -0.01   Poultry -3.1 -0.03   Lamb and goat 2.9 0.01   Pork 5.5 0.05   Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 -0.11   Household textiles -2.7 -0.01   Household appliances and repair -1.7 -0.01   Non-durable household articles -1.4 -0.02   Pharmaceutical products -2.0 -0.05   Fuels and lubricants -11.7 -0.70   Passenger transport by air -25.8 -0.58   Passenger transport by road -8.8 -0.05   Combined passenger transport -12.4 -0.04   Telephone services	Beef	2.0	0.04
Bread and cereals 1.7 0.05   Soft drinks -6.0 -0.01   Poultry -3.1 -0.03   Lamb and goat 2.9 0.01   Pork 5.5 0.05   Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 0.11   Household textiles -2.7 -0.01   Non-durable household articles -1.4 -0.02   Pharmaceutical products -2.0 -0.05   Fuels and lubricants 11.7 -0.70   Passenger transport by air -25.8 -0.58   Passenger transport by road -8.8 -0.05   Combined passenger transport -12.4 -0.04   Telephone services -2.1 -0.09   Audiovisual and information processing equipment -4.5 -0.03   Pre	Fish	-0.7	-0.01
Soft drinks -6.0 -0.01   Poultry -3.1 -0.03   Lamb and goat 2.9 0.01   Pork 5.5 0.05   Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 -0.11   Household textiles -2.7 -0.01   Household appliances and repair -1.7 -0.01   Non-durable household articles -1.4 -0.02   Pharmaceutical products -2.0 -0.05   Fuels and lubricants -11.7 -0.70   Passenger transport by air -25.8 -0.58   Passenger transport by railway -12.3 -0.02   Passenger transport by road -8.8 -0.05   Combined passenger transport -12.4 -0.04   Telephone services -2.1 -0.03   Pr	Potatoes	-9.4	-0.04
Poultry-3.1-0.03Lamb and goat2.90.01Pork5.50.05Dried salted or smoked meat6.00.03Spirits and liqueurs1.40.01Clothing and footwear4.10.17Heating oil-30.6-0.69Electricity4.50.16Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Bread and cereals	1.7	0.05
Lamb and goat2.90.01Pork5.50.05Dried salted or smoked meat6.00.03Spirits and liqueurs1.40.01Clothing and footwear4.10.17Heating oil-30.6-0.69Electricity4.50.16Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-1.4-0.02Pre-primary and primary education2.20.02Hotels-motels-inns-1.1.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Soft drinks	-6.0	-0.01
Pork5.50.05Dried salted or smoked meat6.00.03Spirits and liqueurs1.40.01Clothing and footwear4.10.17Heating oil-30.6-0.69Electricity4.50.16Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Poultry	-3.1	-0.03
Dried salted or smoked meat 6.0 0.03   Spirits and liqueurs 1.4 0.01   Clothing and footwear 4.1 0.17   Heating oil -30.6 -0.69   Electricity 4.5 0.16   Natural gas -33.4 -0.11   Household textiles -2.7 -0.01   Household appliances and repair -1.7 -0.01   Non-durable household articles -1.4 -0.02   Pharmaceutical products -2.0 -0.05   Fuels and lubricants -11.7 -0.70   Passenger transport by air -25.8 -0.58   Passenger transport by railway -12.3 -0.02   Passenger transport by road -8.8 -0.05   Combined passenger transport -12.4 -0.04   Telephone services -2.1 -0.09   Audiovisual and information processing equipment -4.5 -0.03   Pre-primary and primary education 2.2 0.02   Hotels-motels-inns -11.6 -0.09   Restaurants-confe	Lamb and goat	2.9	0.01
Spirits and liqueurs1.40.01Clothing and footwear4.10.17Heating oil-30.6-0.69Electricity4.50.16Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by road-8.8-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Pork	5.5	0.05
Clothing and footwear4.10.17Heating oil-30.6-0.69Electricity4.50.16Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Dried salted or smoked meat	6.0	0.03
Heating oil-30.6-0.69Electricity4.50.16Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Spirits and liqueurs	1.4	0.01
Electricity4.50.16Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Clothing and footwear	4.1	0.17
Natural gas-33.4-0.11Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Heating oil	-30.6	-0.69
Household textiles-2.7-0.01Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Electricity	4.5	0.16
Household appliances and repair-1.7-0.01Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Natural gas	-33.4	-0.11
Non-durable household articles-1.4-0.02Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Household textiles	-2.7	-0.01
Pharmaceutical products-2.0-0.05Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Household appliances and repair	-1.7	-0.01
Fuels and lubricants-11.7-0.70Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Non-durable household articles	-1.4	-0.02
Passenger transport by air-25.8-0.58Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Pharmaceutical products	-2.0	-0.05
Passenger transport by railway-12.3-0.02Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Fuels and lubricants	-11.7	-0.70
Passenger transport by road-8.8-0.05Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Passenger transport by air	-25.8	-0.58
Combined passenger transport-12.4-0.04Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Passenger transport by railway	-12.3	-0.02
Telephone services-2.1-0.09Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Passenger transport by road	-8.8	-0.05
Audiovisual and information processing equipment-4.5-0.03Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Combined passenger transport	-12.4	-0.04
Pre-primary and primary education2.20.02Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Telephone services	-2.1	-0.09
Hotels-motels-inns-11.6-0.09Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Audiovisual and information processing equipment	-4.5	-0.03
Restaurants-confectioneries-cafes-buffets0.20.02Other appliances and articles for personal care-2.5-0.07	Pre-primary and primary education	2.2	0.02
Other appliances and articles for personal care -2.5 -0.07	Hotels-motels-inns	-11.6	-0.09
	Restaurants-confectioneries-cafes-buffets	0.2	0.02
Motor vehicle insurance 1.2 0.02	Other appliances and articles for personal care	-2.5	-0.07
	Motor vehicle insurance	1.2	0.02

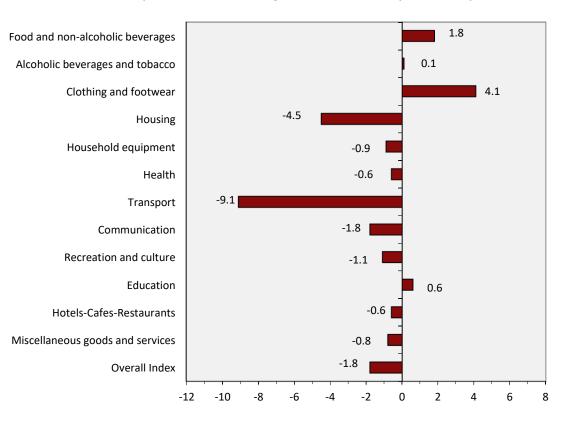


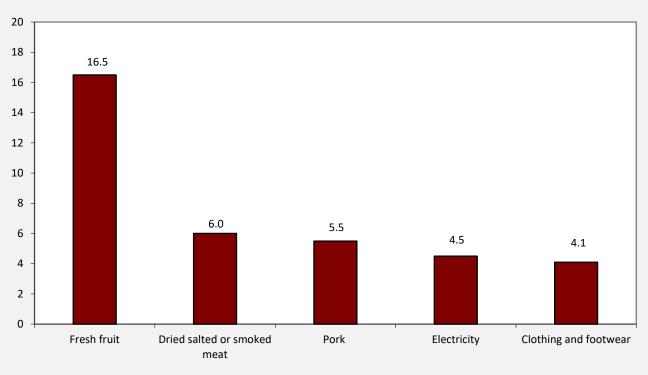


### Graph 4. Annual rates of change (%) of the overall CPI, 2019 and 2020

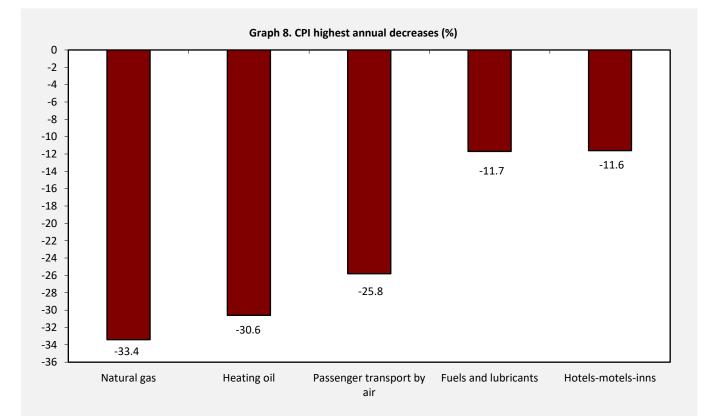


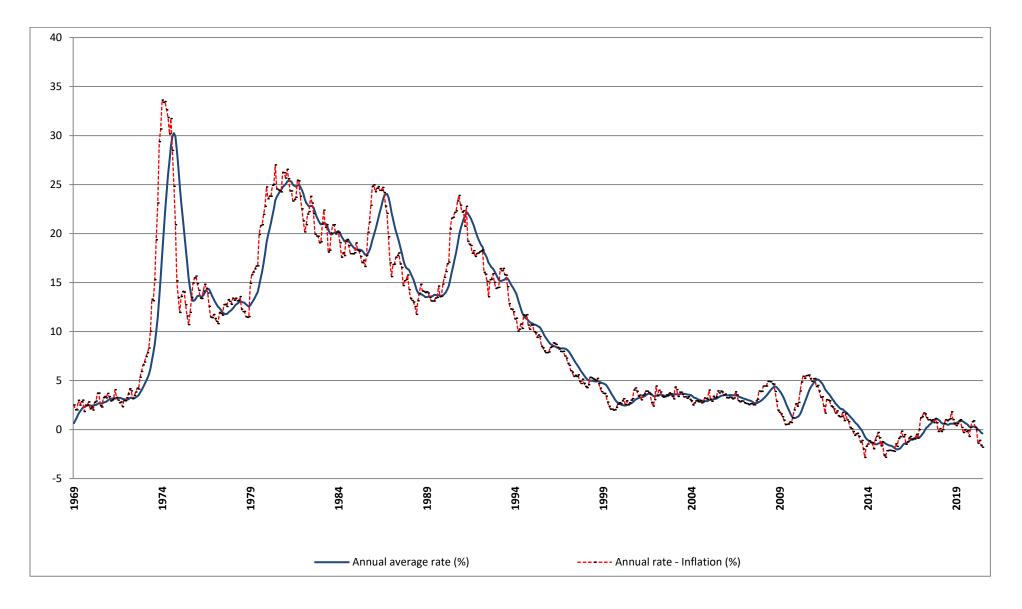
Graph 6. Annual rates of change (%) of CPI between July 2020 and July 2019





#### Graph 7. CPI highest annual increases (%)





### **METHODOLOGICAL NOTES**

Generally	The Consumer Price Index (CPI) is compiled by the Hellenic Statistical Authority (ELSTAT) since 1959. Until the year 2000, the CPI referred to the urban areas of the Country, while from 2001 onwards it refers to the whole Country covering urban, semi-urban and rural areas.
Purpose of the index	The purpose of the CPI is to measure the general level of prices of goods and services purchased by the average Greek household.
Legal basis	Law 3832/2010.
Reference period	Month.
Base	December of the previous year.
Reference year	2009=100.0.
Chain linking Index	The CPI index follows the chain linking method, introducing new weights annually and having as a base the December of the previous year. The weights are estimated on the basis of the most recent available data of the Household Budget Survey (HBS), extrapolated to the prices of December. The CPI, adjusted on an annual basis to the most recent consumption expenditure pattern of the private households of the Country, ensures the representativeness of goods and services, which compose the "basket" of purchases of the average household.
Geographical and population coverage of the CPI	The CPI refers to the whole Country and covers the resident households of the territory excluding collective households (hospitals, homes for the elderly, boarding houses, prisons, etc.) and non-resident households (tourists) in the Country.
Classification of items	The classification of the CPI items (goods and services) is based on the international classification COICOP (Classification of Individual Consumption by Purpose) as this has been adapted to the needs of the HICPs of the EU Member States with the COICOP5/HICP classification.
Weights of items	The weights of CPI items are updated every year, on the basis of the most recent available data of HBS. The weights are calculated as the share (‰) of the expenditures for each group, subgroup and item (good or service) to the total household expenditure of the average household.
Price collection Cities	The CPI prices are collected in 27 cities with representative markets for the coverage of the 13 Regions of the Country. The selection criteria of the price collection cities are the size and the particularities of their markets, the possibility of continuous price collection, the comparability of the index and the cost of price collection.
Population weights	The calculation of the population weights by regions is based on the population data of the 2011 General Population Census and the expenditure data of the latest available HBS by regions.
Selection of items	<u>The composition of the "household basket"</u> i.e. the selection of goods and services which are included in the calculation of CPI is updated annually, using the results of the latest available HBS, other market research, etc. The chain linking methodology allows the change of items of the household basket on an annual basis, in order to ensure the representativeness of the items involved in the calculation of groups and subgroups of CPI.
Price collection-Outlets	The prices collection outlets are retail stores, enterprises providing services, street markets etc. which are considered representative of the branches of shops, where the households make their purchases in the 27 selected cities. The methodology allows the renewal of price collection sources, annually, in order to maintain their representativeness in the calculation of CPI. Prices are collected by employees of ELSTAT as well as by external price collectors, hired on a temporary basis. They pay a visit to the selected outlets within a specific time period of a month (monthly prices) or on a specific day of the week (weekly prices). The collected prices correspond to the prices actually faced by the consumer.
Specification- Substitution of items	All the collected items are defined by the specification, that is the particular characteristics which determine the quality, the trade show and the identity, in general, of good products (such as brand, weight, package etc), in order to avoid any price variations attributable to differences in the specification. Once a specified item (good or service) is no longer available in the market or has ceased to be important, as regards consumption, it is substituted by a newly specified item, which has taken its place in the market.

Implementation of formula in five-digit level of COICOP5

Specifically, if the five-digit item h includes q price collected items, then its index in month t of year T,  $R_h^{t,T}$ , is given by the following formula:

$$\mathbf{R}_{h}^{t,T} = \mathbf{R}_{h}^{12,T-1} \left[ \frac{\sum_{i=1}^{q} \mathbf{w}_{i}^{T} \mathbf{R}_{i}^{t,T} / \mathbf{R}_{i}^{12,T-1}}{\sum_{i=1}^{q} \mathbf{w}_{i}^{T}} \right]$$

where:

 $\begin{array}{ll} R_{h}^{12,T-1} & = \mbox{the index of the five-digit item h, in December of year T-1.} \\ & W_{i}^{T} & = \mbox{the weight of the price collected item I, in year T.} \\ & R_{i}^{t,T} & = \mbox{the index of the price collected item I, in month t of year T.} \\ & R_{i}^{12,T-1} & = \mbox{the index of the price collected item I, in December of year T-1.} \end{array}$ 

A similar methodology is followed for the calculation of indices in the upper levels (two-digit, three-digit and fourdigit) of COICOP5 and the calculation of the overall CPI as well.

- Publication of data The published CPI time series (reference year 2009=100.0), covers the period from January 1959 onwards. The CPI data are released each month as scheduled, in accordance with the Press Releases Calendar of ELSTAT, with the Press Release and the tables.
  - **References** Further information concerning the methodology and the compilation of the CPI is available in the <u>Methodological</u> <u>Publication CPI (2009=100.0)</u> and the <u>Single Integrated Metadata Structure (SIMS)</u>.