

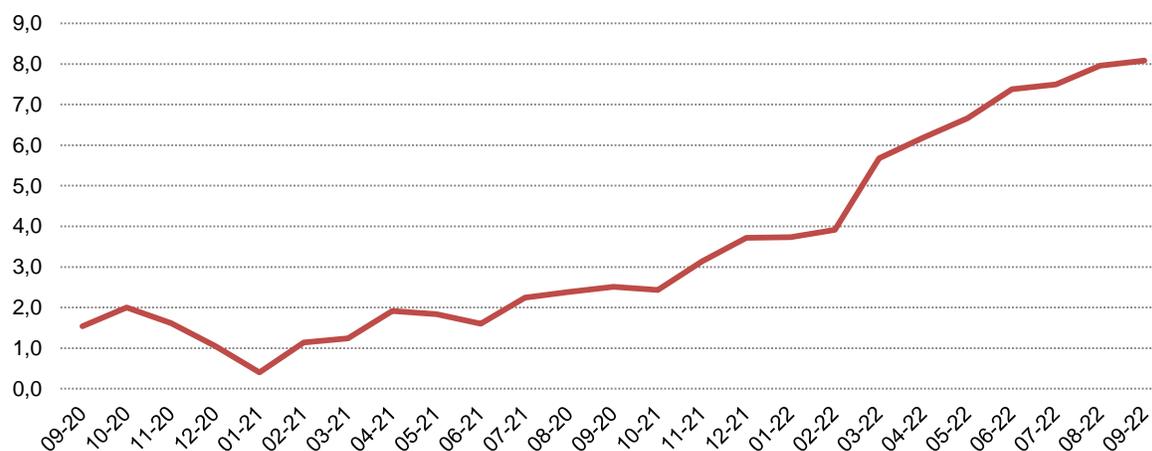
# Consumer Price Index

## September 2022

**Tirana, on October 10, 2022:** Consumer Price Index in September 2022 arrived 110.8 against December 2020 as reference period.

The annual rate of consumer price index in September 2022 is 8.1 %, a year before was 2.5 %. Compared with August 2022 the monthly change of consumer price index is 0.6 %.

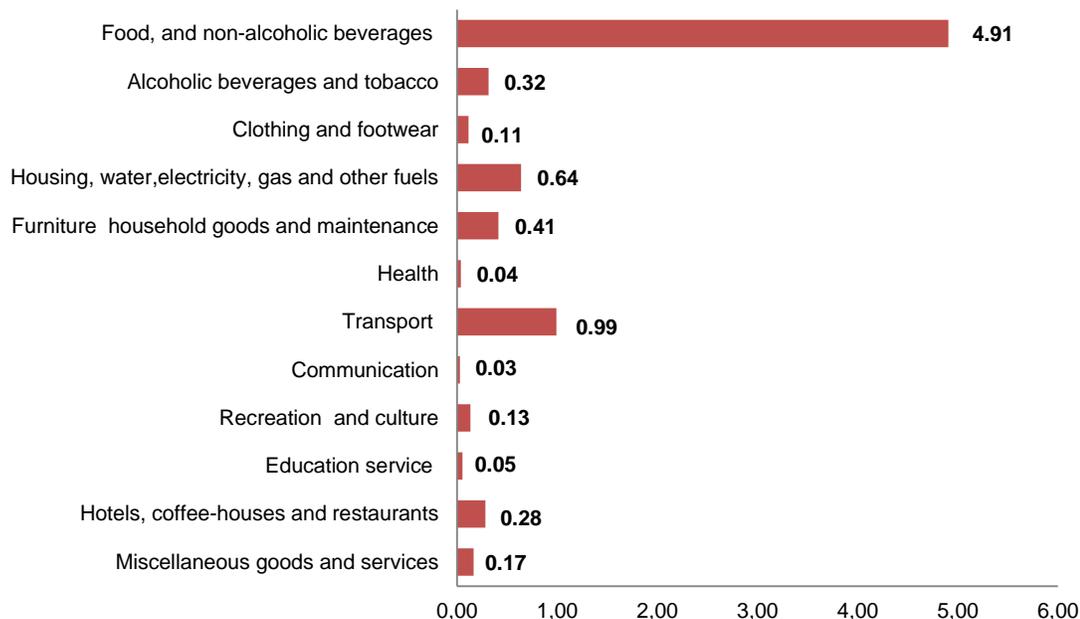
**Fig. 1 Annual rate of consumer price index**



**Contribution of main groups in yearly changes of CPI:** Annual growth rate in September was influenced mostly from prices of group “Food and non-alcoholic beverage” by +4.91 p.p., followed by “Transport” group contributed by +0.99 p.p.. Price of “Housing, water, electricity and other fuel” by +0.64 p.p.. Price “Furniture household goods and maintenance” group contributed by +0.41 p.p.. Price “Alcoholic beverages and tobacco” group contributed by +0.32 p.p.. Price “Hotels, coffee-house and restaurants” group contributed by +0.28 p.p.. Prices of “Miscellaneous goods and services” group contributed by +0.17 p.p.. Prices of “Recreation and culture” group contributed by +0.13 p.p.. Price of “Clothing and footwear” group contributed by +0.11 p.p.. Price of “Education service” group contributed by +0.05 p.p.. Price of “Health” group contributed by +0.04 p.p.. Price of “Communication” group contributed by +0.03 p.p..

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**Fig. 2 Contribute of main groups in annual rate**

**Yearly rates of main groups:** Compared to September 2021, prices increased the most in the group “Transport” by 17.2 % followed by “Food and non-alcoholic beverage” by 14.0 %, “Alcoholic beverages and tobacco” by 6.5 %, “Hotels, coffee-house and restaurants” by 6.4 %, “Furniture household goods and maintenance” by 5.5 %, “Recreation and culture” by 4.7 %, “Housing, water, electricity and other fuel” by 3.3 %, “Clothing and footwear” by 3.0 %, “Miscellaneous goods and services” by 2.9 %, “Education service” by 1.8 %, “Health” and “Communication” by 0.9 % each of them.

Within the food group prices of “oil and fats” subgroup signed an increased by 30.0 %, followed by “milk, cheese and eggs” by 24.0 %, “bread and cereals” 17.3 %, “fish” and “sugar, jam honey, syrup, chocolates and sweets” by 15.1 % each of them, “meat” by 12.0 %, “vegetables included potatoes” by 8.5 %, etc.

**Monthly rates of main groups:** Compared with August 2022 prices of “Clothing and footwear” increased by 2.1 %, followed by “Education service” by 1.6 %, “Food and non-alcoholic beverage” by 1.1%, “Furniture household goods and maintenance” and “Miscellaneous goods and services” by 0.9 % each of them, “Hotels, coffee-house and restaurants” by 0.4 %, “Alcoholic beverages and tobacco”, “Health” and “Recreation and culture” by 0.3 % each of them, “Housing, water, electricity and other fuel” by 0.2 %. On the other hand prices of “Transport” decreased by 1.7 %,

**Tab. 1 Consumer Price Index**

December 2020=100

Code	Groups	Weights	09-21	10-21	11-21	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22
	<b>Total</b>	<b>100</b>	<b>102.5</b>	<b>102.7</b>	<b>102.8</b>	<b>103.7</b>	<b>105.0</b>	<b>106.4</b>	<b>108.9</b>	<b>109.7</b>	<b>109.2</b>	<b>109.0</b>	<b>109.3</b>	<b>110.1</b>	<b>110.8</b>
1	Food, and non-alcoholic beverages	35.1	104.6	104.5	104.3	106.4	109.9	113.4	117.8	119.1	117.2	115.6	116.2	118.0	119.3
2	Alcoholic beverages and tobacco	5.1	101.2	101.5	101.5	102.1	102.9	103.3	106.3	105.8	106.3	106.3	106.8	107.4	107.7
3	Clothing and footwear	3.8	101.2	101.6	101.5	101.7	101.3	100.9	101.5	101.4	101.6	101.7	102.3	102.0	104.2
4	Housing, water, electricity, gas and other fuels	19.3	101.1	101.3	101.7	101.9	102.0	102.0	102.5	102.8	103.2	103.2	104.0	104.2	104.4
5	Furniture household goods and maintenance	7.4	100.7	100.7	101.0	101.2	101.5	101.7	102.6	103.3	103.9	104.5	105.0	105.4	106.3
6	Health	4.4	100.7	100.7	100.8	100.9	100.8	100.9	100.9	100.8	100.8	101.0	101.3	101.3	101.6
7	Transport	6.0	105.1	106.9	108.5	109.0	109.2	111.2	121.1	123.9	124.6	130.2	125.3	125.3	123.2
8	Communication	3.1	102.9	103.2	103.2	103.3	103.3	103.3	103.3	103.6	103.6	103.4	103.7	103.9	103.9
9	Recreation and culture	2.5	102.2	102.6	104.0	104.2	104.2	102.8	103.2	106.0	102.7	101.3	101.2	106.7	107.0
10	Education service	3.0	100.8	100.4	100.5	100.5	100.5	100.6	100.8	100.8	100.8	100.8	100.9	100.9	102.6
11	Hotels, coffee-houses and restaurants	4.7	101.5	101.9	102.4	103.3	103.6	103.9	105.2	105.7	106.2	106.6	107.2	107.6	108.0
12	Miscellaneous goods and services	5.7	99.8	99.7	99.6	99.7	99.7	100.3	100.7	100.9	101.0	101.2	101.6	101.8	102.7

**Tab. 2 Annual rate of CPI**

Code	Groups	09-21/09-20	10-21/10-20	11-21/11-20	12-21/12-20	01-22/01-21	02-22/02-21	03-22/03-21	04-22/04-21	05-22/05-21	06-22/06-21	07-22/07-21	08-22/08-21	09-22/09-21
	<b>Total</b>	<b>2.5</b>	<b>2.4</b>	<b>3.1</b>	<b>3.7</b>	<b>3.7</b>	<b>3.9</b>	<b>5.7</b>	<b>6.2</b>	<b>6.7</b>	<b>7.4</b>	<b>7.5</b>	<b>8.0</b>	<b>8.1</b>
1	Food, and non-alcoholic beverages	4.6	3.9	5.0	6.4	6.7	6.9	9.3	9.9	11.4	12.6	13.2	14.0	14.0
2	Alcoholic beverages and tobacco	1.5	1.9	1.6	2.1	2.1	2.1	4.9	4.3	5.0	4.7	5.0	6.2	6.5
3	Clothing and footwear	1.9	2.2	1.6	1.7	1.2	1.1	1.5	1.2	1.3	1.6	2.1	1.9	3.0
4	Housing, water, electricity, gas and other fuels	1.0	1.2	1.7	1.9	1.9	1.8	2.3	2.6	2.7	2.8	3.4	3.2	3.3
5	Furniture household goods and maintenance	1.1	0.8	1.2	1.2	0.8	0.8	1.4	2.7	3.2	3.8	4.2	4.7	5.5
6	Health	0.6	0.8	0.8	0.9	-0.1	-0.1	0.0	0.6	0.2	0.3	0.5	0.6	0.9
7	Transport	4.5	6.8	8.8	9.0	9.0	10.4	19.9	22.5	21.7	26.9	19.7	19.3	17.2
8	Communication	3.0	3.2	3.2	3.3	3.3	3.3	1.9	0.8	0.8	0.6	0.7	0.9	0.9
9	Recreation and culture	2.1	2.7	3.8	4.2	3.5	2.7	3.5	4.1	1.2	-0.9	0.2	5.2	4.7
10	Education service	0.8	0.4	0.5	0.5	0.5	0.5	0.7	0.6	0.6	0.6	0.7	0.7	1.8
11	Hotels, coffee-houses and restaurants	1.7	1.9	2.4	3.3	3.0	3.2	4.5	4.9	5.3	5.6	6.0	6.2	6.4
12	Miscellaneous goods and services	-0.2	-0.4	-0.5	-0.3	-0.4	0.4	0.9	1.0	0.9	1.0	1.5	1.9	2.9

**Tab. 3 Monthly rate of CPI**

Code	Groups	09-21	10-21	11-21	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22
	<b>Total</b>	<b>0.5</b>	<b>0.1</b>	<b>0.2</b>	<b>0.8</b>	<b>1.3</b>	<b>1.3</b>	<b>2.4</b>	<b>0.7</b>	<b>-0.5</b>	<b>-0.1</b>	<b>0.2</b>	<b>0.8</b>	<b>0.6</b>
1	Food, and non-alcoholic beverages	1.1	-0.1	-0.2	1.9	3.3	3.2	3.9	1.1	-1.6	-1.4	0.6	1.5	1.1
2	Alcoholic beverages and tobacco	0.0	0.3	0.0	0.6	0.8	0.4	2.8	-0.5	0.5	0.0	0.4	0.6	0.3
3	Clothing and footwear	1.1	0.4	-0.1	0.1	-0.3	-0.5	0.7	-0.1	0.1	0.2	0.5	-0.2	2.1
4	Housing, water, Electricity, gas and other fuels	0.1	0.3	0.3	0.2	0.1	-0.1	0.6	0.3	0.4	0.1	0.7	0.2	0.2
5	Furniture household goods and maintenance	0.1	-0.1	0.4	0.1	0.3	0.2	0.8	0.8	0.5	0.6	0.4	0.4	0.9
6	Health	-0.1	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	0.2	0.3	0.0	0.3
7	Transport	0.0	1.8	1.5	0.5	0.2	1.8	8.9	2.3	0.5	4.5	-3.7	0.0	-1.7
8	Communication	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.3	0.0	-0.2	0.2	0.2	0.0
9	Recreation and culture	0.7	0.4	1.4	0.2	0.0	-1.4	0.4	2.7	-3.1	-1.3	-0.1	5.5	0.3
10	Education service	0.6	-0.4	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1	0.0	1.6
11	Hotels, coffee-houses and restaurants	0.2	0.4	0.5	0.9	0.3	0.3	1.3	0.5	0.5	0.5	0.5	0.4	0.4
12	Miscellaneous goods and services	-0.1	-0.2	-0.1	0.1	0.0	0.6	0.4	0.2	0.0	0.2	0.4	0.3	0.9

%

# METHODOLOGY

## - Methodological changes

In January of each year some methodological changes and new developments were carried out in CPI:

- Update of weights: Weights are changed; they are now based on the average expenditure from 2020 Household Budget Survey.
- Update of basket: The list of goods and service content 331 products.
- Update of list of the outlets where the prices are collected is updated.

Started from January 2021, the consumer price index is calculated with the new base period. December 2020 is considered as the base period (December 2020 = 100).

INSTAT during the Pandemic period has been following the latest recommendation coming from EUROSTAT and other international partners.

## - Definitions

The annual rate measures the price change between the current month and the same month of the previous year. This measure is responsive to recent changes in price levels but can be influenced by one-off effect in either month

The monthly rate measures the price change between current month and previous month. Although up-to-date it can be affected by seasonal and other effects.

The 12-month average rate compares average Consumer Price Indices ant the latest 12 month to the average of the previous 12 months.