

# Consumer Price Index

## September 2023

**Tirana, on October 09, 2023:** Consumer Price Index in September 2023 arrived 115.3 against December 2020 as reference period.

The annual rate of consumer price index in September 2023 is 4.1 %, a year before was 8.1 %.

Compared with August 2023 the monthly change of consumer price index is 0.7 %.

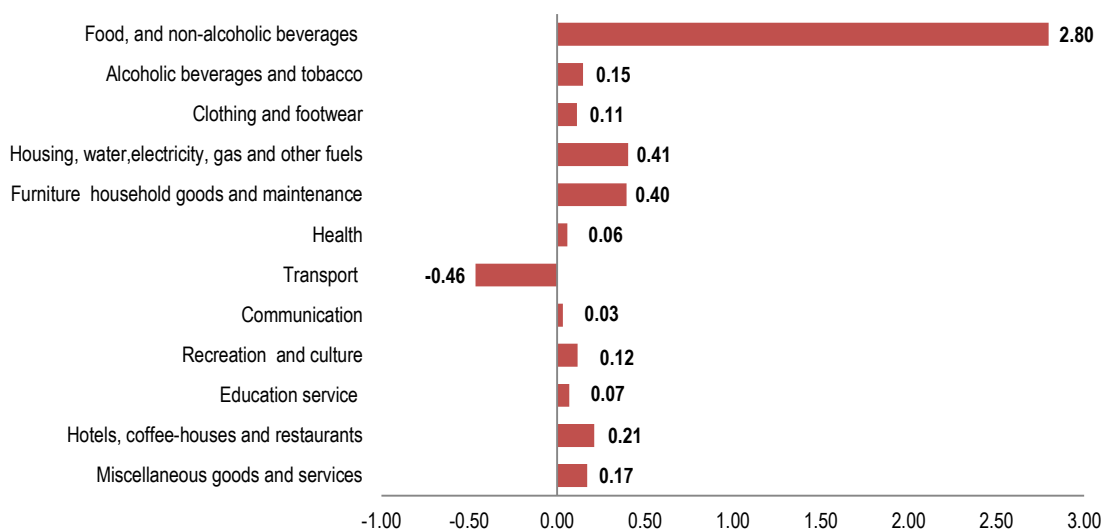
**Fig. 1 Annual rate of consumer price index**



**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 +2.80 p.p., followed by of “Housing, water, electricity and other fuel” group contributed by +0.41 p.p.. “Furniture household goods and maintenance” group by +0.40 p.p.. Prices of “Hotels, coffee-house and restaurants” group contributed by +0.21 p.p.. Prices of “Miscellaneous goods and services” group contributed by +0.17 p.p.. Prices of “Alcoholic beverages and tobacco” by +0.15 p.p.. Prices of “Recreation and culture” group contributed by +0.12 p.p.. “Clothing and footwear” groups contributed by +0.11 p.p.. Prices of “Education service”, “group by +0.07 p.p.. Health” group contributed by +0.06 p.p.. Price of “Communication” group contributed by +0.03 p.p.. Price of “Transport” group contributed by -0.46 p.p..

**For Release 09/10/2023**

*Continue*

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

**Yearly rates of main groups:** Compared to September 2022, prices increased the most in the “Food and non-alcoholic beverage” group by 7.9 %, followed by “Furniture household goods and maintenance” by 5.4 %, “Recreation and culture” by 4.9 %, “Hotels, coffee-house and restaurants” by 4.7 %, “Clothing and footwear” by 3.2 %, “Miscellaneous goods and services” by 3.1 %, “Alcoholic beverages and tobacco” by 3.0 %, “Education service” by 2.3 %, “Housing, water, electricity and other fuel” by 2.1 %, “Health” by 1.4 %, “Communication” by 1.1 %. On the other hand, prices of “Transport” group decreased by 7.2 %.

Within the food group prices of “vegetables included potatoes” subgroup signed an increased by 24.1 %, followed by “meat” by 9.4 %, “milk, cheese and eggs” by 8.3 %, “fruits” by 7.5 %, “fish” by 5.2 %, “sugar, jam honey, syrup, chocolates and sweets” by 3.3 %, “bread and cereals” by 2.1 %, etc.

**Monthly rates of main groups:** Compared with August 2023 prices of “Education service” increased by 1.7 %, followed by “Transport” group by 1.3 %, “Recreation and culture” by 1.2 %, “Food and non-alcoholic beverage” by 1.1 %, “Clothing and footwear” by 0.8 %, “Furniture household goods and maintenance” by 0.4 %, “Health” and “Miscellaneous goods and services” by 0.3 % each of them, “Alcoholic beverages and tobacco” by 0.2 %.

Tab. 1 Consumer Price Index

December 2020=100

Code	Groups	Weights	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23	07-23	08-23	09-23
	<b>Total</b>	<b>100</b>	<b>110.8</b>	<b>111.2</b>	<b>110.9</b>	<b>111.4</b>	<b>112.6</b>	<b>113.9</b>	<b>114.7</b>	<b>114.7</b>	<b>114.3</b>	<b>114.0</b>	<b>113.8</b>	<b>114.5</b>	<b>115.3</b>
1	Food, and non-alcoholic beverages	35.6	119.3	119.8	119.7	121.4	124.5	128.7	130.8	130.5	129.0	127.4	126.7	127.2	128.7
2	Alcoholic beverages and tobacco	4.9	107.7	107.3	107.4	107.7	108.2	108.6	109.2	109.8	110.3	110.3	110.8	110.8	111.0
3	Clothing and footwear	3.6	104.2	104.7	105.2	105.6	105.5	105.3	105.3	105.4	105.8	106.2	106.7	106.6	107.5
4	Housing, water, electricity, gas and other fuels	19.5	104.4	105.0	104.8	104.8	105.1	105.1	105.2	105.2	105.4	105.4	105.4	106.6	106.6
5	Furniture household goods and maintenance	7.4	106.3	107.2	107.3	107.7	108.0	108.7	109.3	110.3	110.7	111.0	111.2	111.6	112.0
6	Health	4.2	101.6	102.0	102.1	102.0	101.9	102.0	102.0	102.2	102.2	102.3	102.5	102.7	103.0
7	Transport	6.4	123.2	125.0	119.0	115.6	116.4	113.1	112.0	110.7	109.3	109.0	109.8	112.8	114.3
8	Communication	3.1	103.9	103.8	104.4	104.6	104.6	104.6	104.7	104.9	104.9	104.9	104.9	104.9	105.0
9	Recreation and culture	2.3	107.0	104.3	105.0	105.6	106.0	106.3	108.0	108.5	109.9	111.8	110.8	110.9	112.3
10	Education service	3.0	102.6	102.2	102.5	102.8	102.9	102.9	102.8	102.9	103.0	103.0	103.0	103.2	104.9
11	Hotels, coffee-houses and restaurants	4.5	108.0	108.1	108.7	108.7	109.4	109.5	110.0	110.4	111.4	111.8	112.5	113.0	113.0
12	Miscellaneous goods and services	5.5	102.7	103.0	103.1	103.0	103.3	103.6	103.9	104.6	105.0	105.2	105.4	105.6	105.9

Tab. 2 Annual rate of CPI

Code	Groups	09-22/09-21	10-22/10-21	11-22/11-21	12-22/12-21	01-23/01-22	02-23/02-22	03-23/03-22	04-23/04-22	05-23/05-22	06-23/06-22	07-23/07-22	08-23/08-22	09-23/09-22
	<b>Total</b>	<b>8.1</b>	<b>8.3</b>	<b>7.9</b>	<b>7.4</b>	<b>7.2</b>	<b>7.1</b>	<b>5.3</b>	<b>4.6</b>	<b>4.7</b>	<b>4.5</b>	<b>4.2</b>	<b>4.0</b>	<b>4.1</b>
1	Food, and non-alcoholic beverages	14.0	14.6	14.7	14.2	13.3	13.5	11.0	9.6	10.0	10.3	9.0	7.8	7.9
2	Alcoholic beverages and tobacco	6.5	5.7	5.8	5.5	5.1	5.1	2.8	3.8	3.7	3.7	3.8	3.2	3.0
3	Clothing and footwear	3.0	3.0	3.6	3.8	4.1	4.4	3.7	3.9	4.2	4.4	4.3	4.4	3.2
4	Housing, water, electricity, gas and other fuels	3.3	3.6	3.1	2.8	3.0	3.1	2.6	2.3	2.2	2.1	1.3	2.3	2.1
5	Furniture household goods and maintenance	5.5	6.5	6.2	6.5	6.4	6.9	6.6	6.7	6.5	6.2	6.0	5.9	5.4
6	Health	0.9	1.3	1.3	1.1	1.0	1.0	1.1	1.4	1.4	1.2	1.1	1.3	1.4
7	Transport	17.2	16.9	9.6	6.0	6.5	1.7	-7.5	-10.7	-12.3	-16.2	-12.4	-10.0	-7.2
8	Communication	0.9	0.7	1.1	1.3	1.3	1.2	1.4	1.2	1.2	1.4	1.2	1.1	1.1
9	Recreation and culture	4.7	1.7	1.0	1.3	1.8	3.4	4.7	2.4	6.9	10.3	9.5	3.9	4.9
10	Education service	1.8	1.8	1.9	2.3	2.3	2.3	2.0	2.1	2.2	2.2	2.0	2.2	2.3
11	Hotels, coffee-houses and restaurants	6.4	6.1	6.1	5.2	5.6	5.5	4.6	4.5	5.0	4.8	5.0	5.0	4.7
12	Miscellaneous goods and services	2.9	3.3	3.6	3.3	3.6	3.2	3.2	3.6	4.0	4.0	3.7	3.7	3.1

Tab. 3 Monthly rate of CPI

		%												
Code	Groups	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23	07-23	08-23	09-23
	<b>Total</b>	<b>0.6</b>	<b>0.4</b>	<b>-0.3</b>	<b>0.4</b>	<b>1.1</b>	<b>1.1</b>	<b>0.7</b>	<b>0.0</b>	<b>-0.3</b>	<b>-0.3</b>	<b>-0.1</b>	<b>0.6</b>	<b>0.7</b>
1	Food, and non-alcoholic beverages	1.1	0.4	-0.1	1.5	2.6	3.3	1.7	-0.2	-1.2	-1.2	-0.6	0.4	1.1
2	Alcoholic beverages and tobacco	0.3	-0.4	0.1	0.2	0.5	0.3	0.6	0.5	0.4	0.0	0.4	0.0	0.2
3	Clothing and footwear	2.1	0.5	0.5	0.3	-0.1	-0.2	0.0	0.1	0.5	0.4	0.4	-0.1	0.8
4	Housing, water, Electricity, gas and other fuels	0.2	0.6	-0.2	-0.1	0.3	0.0	0.0	0.0	0.2	0.0	0.0	1.1	0.0
5	Furniture household goods and maintenance	0.9	0.8	0.2	0.3	0.3	0.7	0.6	0.9	0.3	0.3	0.2	0.3	0.4
6	Health	0.3	0.4	0.1	-0.1	-0.1	0.1	0.0	0.3	0.0	0.0	0.2	0.2	0.3
7	Transport	-1.7	1.5	-4.8	-2.8	0.7	-2.8	-1.0	-1.1	-1.2	-0.3	0.7	2.8	1.3
8	Communication	0.0	0.0	0.5	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1	0.0
9	Recreation and culture	0.3	-2.5	0.7	0.5	0.4	0.3	1.6	0.5	1.2	1.8	-0.9	0.1	1.2
10	Education service	1.6	-0.4	0.3	0.4	0.0	0.0	-0.1	0.1	0.1	0.0	0.0	0.2	1.7
11	Hotels, coffee-houses and restaurants	0.4	0.1	0.5	0.0	0.6	0.2	0.4	0.4	0.9	0.3	0.6	0.4	0.0
12	Miscellaneous goods and services	0.9	0.2	0.1	-0.1	0.2	0.3	0.3	0.6	0.4	0.2	0.2	0.2	0.3

# 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 2021 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).

## - 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.