

Consumer Price Index

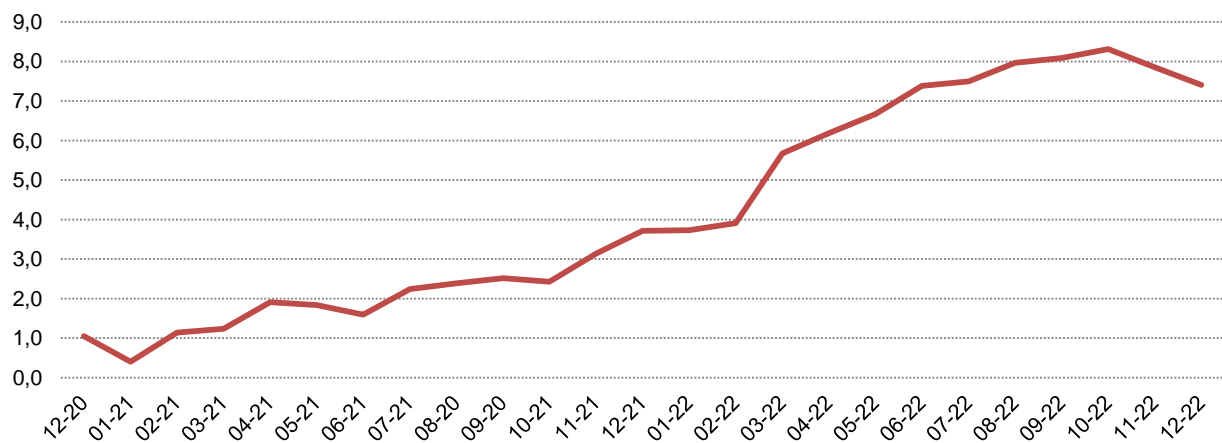
December 2022

Tirana, on January 09, 2023: Consumer Price Index in December 2022 arrived 111.4 against December 2020 as reference period.

The annual rate of consumer price index in December 2022 is 7.4 %, a year before was 3.7 %. Compared with November 2022 the monthly change of consumer price index is 0.4 %.

Annual average growth rate in 2022 is 6.7 % from 2.0 % that it was in 2021.

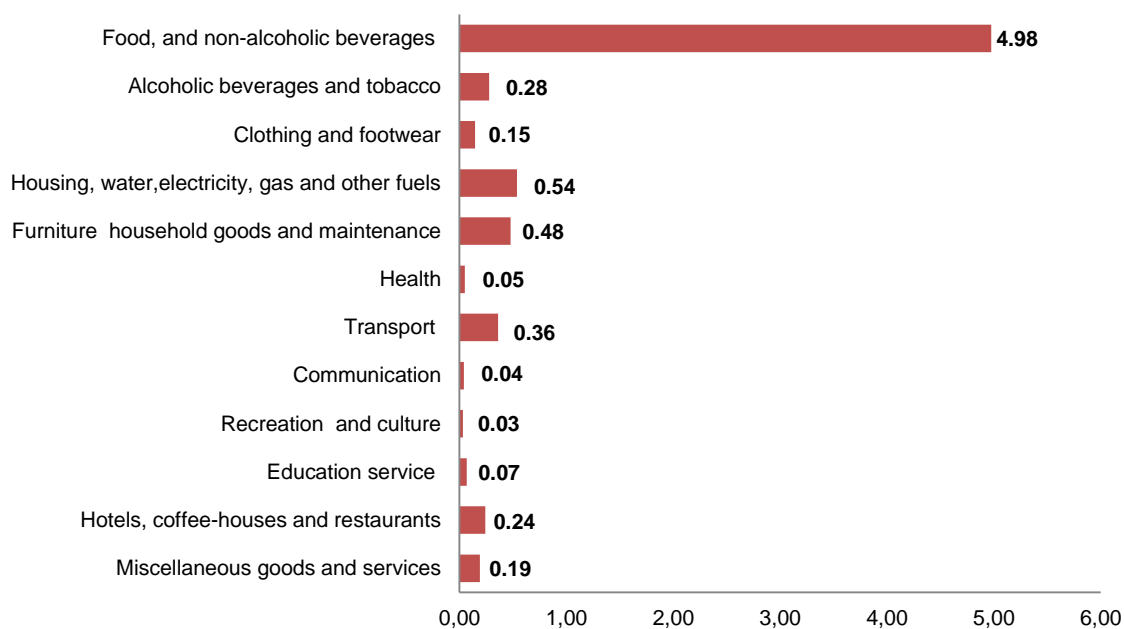
Fig. 1 Annual rate of consumer price index



Contribution of main groups in yearly changes of CPI: Annual growth rate in December was influenced mostly from prices of group “Food and non-alcoholic beverage” by +4.98 p.p., followed by “Housing, water, electricity and other fuel” group by +0.54 p.p.. Price “Furniture household goods and maintenance” group contributed by +0.48 p.p.. Price of “Transport” group contributed by +0.36 p.p.. Price “Alcoholic beverages and tobacco” group contributed by +0.28 p.p.. Price “Hotels, coffee-house and restaurants” group contributed by +0.24 p.p.. Prices of “Miscellaneous goods and services” group contributed by +0.19 p.p.. Price of “Clothing and footwear” group contributed by +0.15 p.p.. Price of “Education service” group contributed by +0.07 p.p.. Price of “Health” group contributed by +0.05 p.p.. Price of “Communication” group contributed by +0.04 p.p.. Prices of “Recreation and culture” 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 December 2021, prices increased the most in the group “Food and non-alcoholic beverage” by 14.2 %, followed by “Furniture household goods and maintenance” by 6.5 %, “Transport” by 6.0 %, “Alcoholic beverages and tobacco” by 5.5 %, “Hotels, coffee-house and restaurants” by 5.2 %, “Clothing and footwear” by 3.8 %, “Miscellaneous goods and services” by 3.3 %, “Housing, water, electricity and other fuel” by 2.8 %, “Education service” by 2.3 %, “Communication” and “Recreation and culture” by 1.3 % each of them, and “Health” by 1.1 %.

Within the food group prices of “milk, cheese and eggs” subgroup signed an increased by 25.4 %, followed by “oil and fats” by 21.8 %, “fish” by 15.7 %, “bread and cereals” by 15.3 %, “sugar, jam honey, syrup, chocolates and sweets” by 15.0 %, “meat” by 13.2 %, “vegetables included potatoes” by 11.8 %, etc.

Monthly rates of main groups: Compared with November 2022 prices of “Food and non-alcoholic beverage” increased by 1.5 %, followed by “Recreation and culture” group by 0.5 %, “Education service” by 0.4 %, “Clothing and footwear” and “Furniture household goods and maintenance” by 0.3 % each of them, “Alcoholic beverages and tobacco” and “Communication” by 0.2 % each of them. The most decrease of the prices was noticed in “Transport” group by 2.8 %, followed by “Housing, water, electricity and other fuel”, “Health” and “Miscellaneous goods and services” by 0.1 % each of them.

Tab. 1 Consumer Price Index

December 2020=100

Code	Groups	Weights	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22
	Total	100	103.7	105.0	106.4	108.9	109.7	109.2	109.0	109.3	110.1	110.8	111.2	110.9	111.4
1	Food, and non-alcoholic beverages	35.1	106.4	109.9	113.4	117.8	119.1	117.2	115.6	116.2	118.0	119.3	119.8	119.7	121.4
2	Alcoholic beverages and tobacco	5.1	102.1	102.9	103.3	106.3	105.8	106.3	106.3	106.8	107.4	107.7	107.3	107.4	107.7
3	Clothing and footwear	3.8	101.7	101.3	100.9	101.5	101.4	101.6	101.7	102.3	102.0	104.2	104.7	105.2	105.6
4	Housing, water, electricity, gas and other fuels	19.3	101.9	102.0	102.0	102.5	102.8	103.2	103.2	104.0	104.2	104.4	105.0	104.8	104.8
5	Furniture household goods and maintenance	7.4	101.2	101.5	101.7	102.6	103.3	103.9	104.5	105.0	105.4	106.3	107.2	107.3	107.7
6	Health	4.4	100.9	100.8	100.9	100.9	100.8	100.8	101.0	101.3	101.3	101.6	102.0	102.1	102.0
7	Transport	6.0	109.0	109.2	111.2	121.1	123.9	124.6	130.2	125.3	125.3	123.2	125.0	119.0	115.6
8	Communication	3.1	103.3	103.3	103.3	103.3	103.6	103.6	103.4	103.7	103.9	103.9	103.8	104.4	104.6
9	Recreation and culture	2.5	104.2	104.2	102.8	103.2	106.0	102.7	101.3	101.2	106.7	107.0	104.3	105.0	105.6
10	Education service	3.0	100.5	100.5	100.6	100.8	100.8	100.8	100.8	100.9	100.9	102.6	102.2	102.5	102.8
11	Hotels, coffee-houses and restaurants	4.7	103.3	103.6	103.9	105.2	105.7	106.2	106.6	107.2	107.6	108.0	108.1	108.7	108.7
12	Miscellaneous goods and services	5.7	99.7	99.7	100.3	100.7	100.9	101.0	101.2	101.6	101.8	102.7	103.0	103.1	103.0

Tab. 2 Annual rate of CPI

Code	Groups	12-21/12-22	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	10-22/10-21	11-22/11-21	12-22/12-21
	Total	3.7	3.7	3.9	5.7	6.2	6.7	7.4	7.5	8.0	8.1	8.3	7.9	7.4
1	Food, and non-alcoholic beverages	6.4	6.7	6.9	9.3	9.9	11.4	12.6	13.2	14.0	14.0	14.6	14.7	14.2
2	Alcoholic beverages and tobacco	2.1	2.1	2.1	4.9	4.3	5.0	4.7	5.0	6.2	6.5	5.7	5.8	5.5
3	Clothing and footwear	1.7	1.2	1.1	1.5	1.2	1.3	1.6	2.1	1.9	3.0	3.0	3.6	3.8
4	Housing, water, electricity, gas and other fuels	1.9	1.9	1.8	2.3	2.6	2.7	2.8	3.4	3.2	3.3	3.6	3.1	2.8
5	Furniture household goods and maintenance	1.2	0.8	0.8	1.4	2.7	3.2	3.8	4.2	4.7	5.5	6.5	6.2	6.5
6	Health	0.9	-0.1	-0.1	0.0	0.6	0.2	0.3	0.5	0.6	0.9	1.3	1.3	1.1
7	Transport	9.0	9.0	10.4	19.9	22.5	21.7	26.9	19.7	19.3	17.2	16.9	9.6	6.0
8	Communication	3.3	3.3	3.3	1.9	0.8	0.8	0.6	0.7	0.9	0.9	0.7	1.1	1.3
9	Recreation and culture	4.2	3.5	2.7	3.5	4.1	1.2	-0.9	0.2	5.2	4.7	1.7	1.0	1.3
10	Education service	0.5	0.5	0.5	0.7	0.6	0.6	0.6	0.7	0.7	1.8	1.8	1.9	2.3
11	Hotels, coffee-houses and restaurants	3.3	3.0	3.2	4.5	4.9	5.3	5.6	6.0	6.2	6.4	6.1	6.1	5.2
12	Miscellaneous goods and services	-0.3	-0.4	0.4	0.9	1.0	0.9	1.0	1.5	1.9	2.9	3.3	3.6	3.3

Tab. 3 Monthly rate of CPI

		%												
Code	Groups	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22
	Total	0.8	1.3	1.3	2.4	0.7	-0.5	-0.1	0.2	0.8	0.6	0.4	-0.3	0.4
1	Food. and non-alcoholic beverages	1.9	3.3	3.2	3.9	1.1	-1.6	-1.4	0.6	1.5	1.1	0.4	-0.1	1.5
2	Alcoholic beverages and tobacco	0.6	0.8	0.4	2.8	-0.5	0.5	0.0	0.4	0.6	0.3	-0.4	0.1	0.2
3	Clothing and footwear	0.1	-0.3	-0.5	0.7	-0.1	0.1	0.2	0.5	-0.2	2.1	0.5	0.5	0.3
4	Housing, water, Electricity, gas and other fuels	0.2	0.1	-0.1	0.6	0.3	0.4	0.1	0.7	0.2	0.2	0.6	-0.2	-0.1
5	Furniture household goods and maintenance	0.1	0.3	0.2	0.8	0.8	0.5	0.6	0.4	0.4	0.9	0.8	0.2	0.3
6	Health	0.1	0.0	0.1	-0.1	0.0	0.0	0.2	0.3	0.0	0.3	0.4	0.1	-0.1
7	Transport	0.5	0.2	1.8	8.9	2.3	0.5	4.5	-3.7	0.0	-1.7	1.5	-4.8	-2.8
8	Communication	0.0	0.0	0.1	0.0	0.3	0.0	-0.2	0.2	0.2	0.0	0.0	0.5	0.2
9	Recreation and culture	0.2	0.0	-1.4	0.4	2.7	-3.1	-1.3	-0.1	5.5	0.3	-2.5	0.7	0.5
10	Education service	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1	0.0	1.6	-0.4	0.3	0.4
11	Hotels, coffee-houses and restaurants	0.9	0.3	0.3	1.3	0.5	0.5	0.5	0.5	0.4	0.4	0.1	0.5	0.0
12	Miscellaneous goods and services	0.1	0.0	0.6	0.4	0.2	0.0	0.2	0.4	0.3	0.9	0.2	0.1	-0.1

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.