

# Consumer price indices

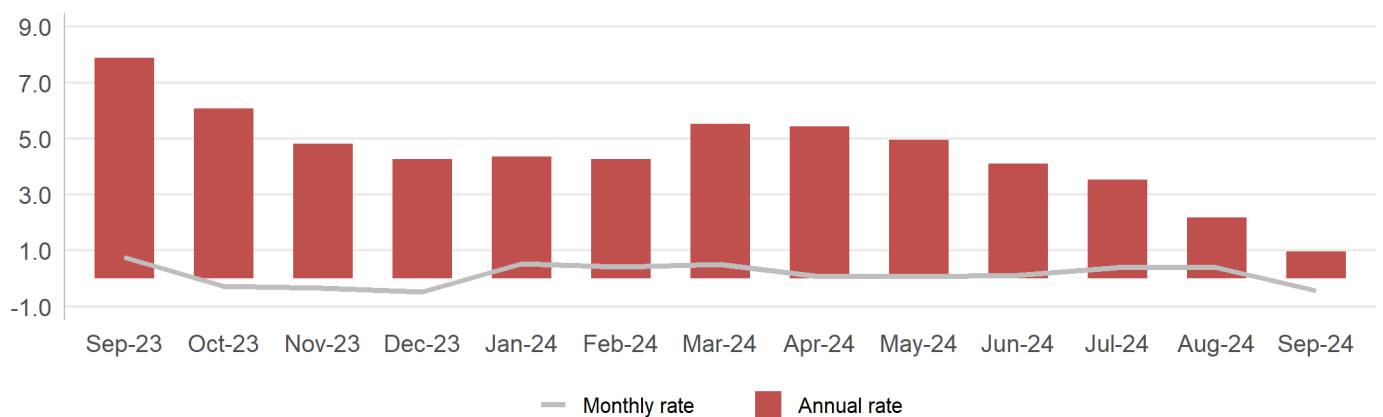
## September 2024

Prices of goods and services for personal consumption, measured by consumer price index, in September 2024, as compared to August 2024, decreased by 0.4% on average. Consumer prices in September 2024, as compared to September 2023, increased by 1.0% on average. This was influenced mostly by decrease in prices of: milk, cheese and eggs; fuels and lubricants for personal transport equipment; fruit; accommodation services. Consumer prices in period January-September 2024 compared to the same period of previous year, were higher for 3.9% in average.

Observing the main groups by purpose of consumption, in September 2024 as compared to August 2024, monthly increase of prices was noticed in the following groups: Clothing and footwear (3.9%); Miscellaneous goods and services (1.0%); Education (0.9%); Housing, water, electricity, gas and other fuels (0.8%); Communication (0.6%); Recreation and culture (0.3%), while decrease of prices was recorded in the following groups: Transport (-1.8%); Food and non-alcoholic beverages (-1.7%); Restaurants and hotels (-1.3%); Furnishing, household equipment and routine household maintenance (-0.8%); Alcoholic beverages and tobacco (-0.1%).

Prices of other products and services mostly remained unchanged.

**Graph 1.** Annual and monthly rates of inflation (CPI), in %

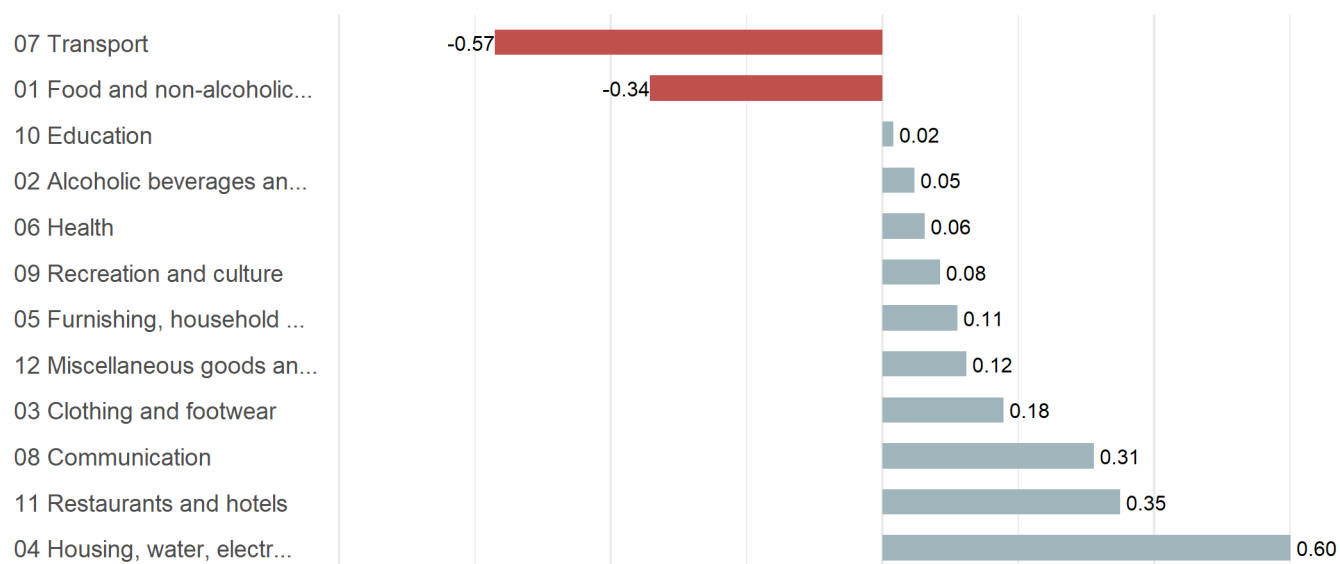


**Table 1.** Inflation rate measured by Consumer price indices (CPI)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Annual inflation rate</b>												
2023	16.2	15.1	10.5	8.6	8.4	7.5	6.9	8.6	7.9	6.1	4.8	4.3
2024	4.4	4.3	5.5	5.4	4.9	4.1	3.5	2.2	1.0			
<b>Monthly inflation rate</b>												
2023	0.4	0.5	-0.7	0.2	0.5	0.9	1.0	1.7	0.8	-0.3	-0.3	-0.5
2024	0.5	0.4	0.5	0.1	0.1	0.1	0.4	0.4	-0.4			

**Table 2.** Inflation rates measured by CPI, in %<sup>1</sup>

Name	Weights ‰	Sep-24 Ø2023	Sep-24 Aug-24	Sep-24 Sep-23	Sep-24 Dec-23	Jan-Sep 2024 Jan-Sep 2023
00 Total	1 000.0	3.7	-0.4	1.0	2.1	3.9
01 Food and non-alcoholic beverages	360.6	1.1	-1.7	-1.0	1.3	1.5
02 Alcoholic beverages and tobacco	39.1	2.9	-0.1	1.2	1.4	3.1
03 Clothing and footwear	76.8	5.1	3.9	1.6	-4.2	10.2
04 Housing, water, electricity, gas and other fuels	141.5	6.5	0.8	4.3	3.5	6.2
05 Furnishing, household equipment and routine household maintenance	44.2	4.5	-0.8	2.5	3.8	3.5
06 Health	38.4	4.0	0.0	1.6	1.7	3.9
07 Transport	112.6	-0.2	-1.8	-4.7	0.3	2.0
08 Communication	42.5	7.3	0.6	7.4	7.4	4.6
09 Recreation and culture	30.2	4.2	0.3	2.8	2.7	3.8
10 Education	17.7	2.7	0.9	0.9	0.9	2.5
11 Restaurants and hotels	52.5	14.5	-1.3	6.4	10.3	9.1
12 Miscellaneous goods and services	43.8	5.3	1.0	2.8	3.7	4.1

**Chart 2.** Impacts of divisions on the annual inflation rate (in percentage points), September 2024

<sup>1</sup> More detailed CPI data are available at the following link: [Data](#)

**Table 3.** Groups with most important impacts on monthly inflation rate, September 2024

ECOICOP	Group	Weights ‰	Monthly inflation %	Influence in percentage points
0312	Garments	46.7	3.6	0.15
0321	Shoes and other footwear	29.3	4.5	0.12
0454	Solid fuels	44.1	1.2	0.05
0432	Services for the maintenance and repair of the dwelling	11.5	3.8	0.05
1213	Other appliances, articles and products for personal care	22.2	1.8	0.04
0830	Telephone and telefax services	38.2	0.6	0.02
0723	Maintenance and repair of personal transport equipment	13.6	1.4	0.02
0411	Actual rentals paid by tenants and other actual rentals	17.6	1.1	0.02
1120	Accommodation services	20.4	-3.5	-0.08
0116	Fruit	16.4	-5.8	-0.12
0722	Fuels and lubricants for personal transport equipment	61.4	-3.3	-0.20
0114	Milk, cheese and eggs	92.1	-3.1	-0.29

**Table 4.** Groups with most important impacts on annual inflation rate, September 2024

ECOICOP	Group	Weights ‰	Annual inflation %	Influence in percentage points
0830	Telephone and telefax services	38.2	7.4	0.28
1111	Restaurants, cafes and the like	32.1	8.5	0.26
0723	Maintenance and repair of personal transport equipment	13.6	15.3	0.20
0112	Meat	86.5	2.3	0.20
0451	Electricity	51.6	2.9	0.15
0454	Solid fuels	44.1	3.5	0.15
0321	Shoes and other footwear	29.3	3.0	0.12
0432	Services for the maintenance and repair of the dwelling	11.5	10.1	0.11
0121	Coffee, tea and cocoa	6.7	16.5	0.11
0411	Actual rentals paid by tenants and other actual rentals	17.6	6.6	0.11
1211	Hairdressing salons and personal grooming establishments	15.2	6.3	0.09
1120	Accommodation services	20.4	4.8	0.09
0721	Spare parts and accessories for personal transport equipment	7.8	8.6	0.07
0211	Spirits	6.5	-1.5	-0.01
0113	Fish and seafood	9.5	-3.5	-0.03
0111	Bread and cereals	59.6	-0.6	-0.04
0114	Milk, cheese and eggs	92.1	-1.8	-0.15
0117	Vegetables	40.0	-14.4	-0.61
0722	Fuels and lubricants for personal transport equipment	61.4	-13.3	-0.90

**Table 5.** Inflation rate measured by Harmonised Indices of Consumer Prices (HICP)<sup>2</sup>

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Annual inflation rate</b>												
2023	14.8	13.9	10.3	8.6	8.4	8.2	7.8	9.1	8.2	6.6	5.5	4.9
2024	5.0	4.9	6.0	5.8	5.1	3.9	3.0	2.0	1.4			
<b>Monthly inflation rate</b>												
2023	0.3	0.5	-0.5	0.4	0.8	1.6	1.7	1.7	0.0	-0.7	-0.5	-0.4
2024	0.5	0.4	0.5	0.2	0.2	0.4	0.8	0.6	-0.6			

<sup>2</sup> More detailed HICP data are available at the following link: [Data](#)

## METHODOLOGICAL NOTES

Consumer price indices (CPI) are one of the most important macroeconomic indicators and the basis for taking decisions in the area of economy and finance. Since January 2009 they are used as official measure of inflation in Montenegro.

Consumer price index is used for harmonising wages and salaries in accordance with collective contracts, pensions, and social benefits. Also, it is used for deflating certain macroeconomic aggregates in national accounts statistics and for other purposes.

Consumer price index is defined as measure of average price change of fixed goods and services basket bought by household for the purposes of satisfying its needs.

Weights used for calculation of the consumer price index express a relative importance of selected products and services in total household consumption at the domestic territory.

The list of products and services is regularly updated in order to preserve its representative characteristics regarding structure of consumption and consumers' habits.

The influence of certain groups on inflation rate indicates how much that group has influenced on the total inflation rate. The influence depends on weights and inflation rate of given group. The weights represents a relative share of household consumption of certain groups or subgroup of products in the total consumption. Consequently, weights have an important role in the calculation of inflation rate. They represent "importance" of certain product group in the total household consumption in certain reference period.

Monthly inflation rate represents price changes in the current month as compared to the previous month, in %.

Annual inflation rate represents price changes in the current month as compared to the same month of the previous year, in %.

While the consumer price index is mostly used as a general measure of inflation in the national context, the harmonised index of consumer prices represents a comparable measure of inflation in the European Union.

The basic differences between CPI and HICP are:

**Purpose:** CPI is used to measure the inflation in a country, while HICP is used to measure the inflation in EU.

**Coverage:** CPI covers final consumption of the resident population both in the country and abroad. HICP covers final consumption of the population, both resident and non-resident in a country.

**Weights:** In addition to differences in the coverage, there are differences in weights. The starting point is the final consumption of population but the concepts are different. The national concept is applied for the national CPI and the domestic concept for the HICP. The main data source for the calculation of the HICP weight structure at higher aggregation levels are the data obtained from the National Accounts, while the Household Budget Survey data are used at lower aggregation levels, which also represents the main data source for the calculation of the CPI weight structure.

**Classification:** ECOICOP (European Classification of Individual Consumption according to Purpose) is used for both indices.

**List of products and services:** The same list is used for products and services.

**Calculation method:** Laspeyre's type of index is used for the calculation of both indices.

Data are published according [Statistical Release Calendar](#).

When using the data, state:

"Data source: Statistical Office - MONSTAT"

*More data, as well as detailed methodological notes can be found in the section: [Consumer Price Index](#)*