

## Consumer price index (CPI) February 2018

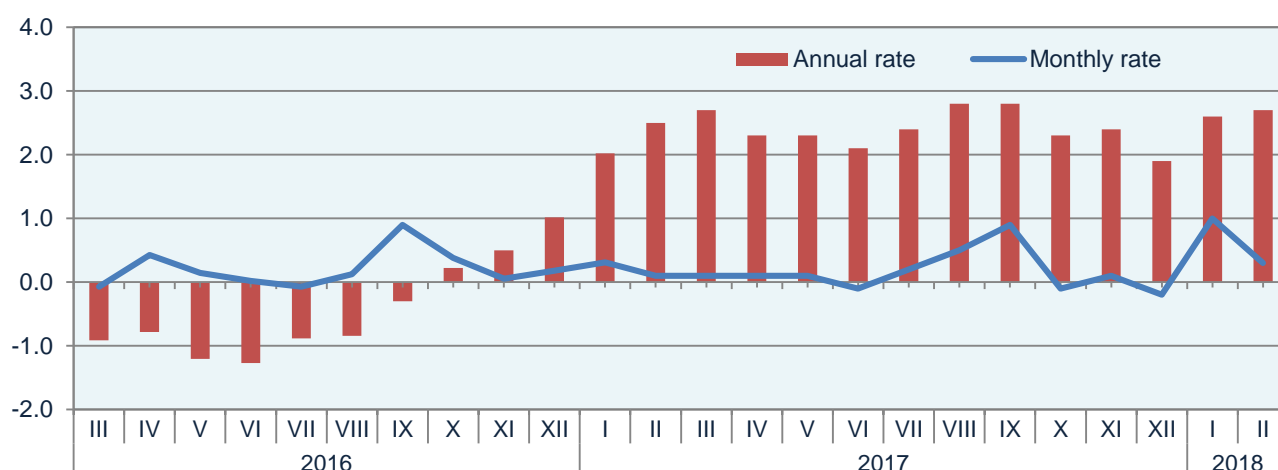
### Monthly inflation in February 2018 was 0.3%

Monthly inflation measured by Consumer price index was 0.3% in February 2018, while the annual inflation was 2.7%. This was influenced mostly by increase in prices of: garments; non-durable household goods; fruit; shoes and other footwear; oils and fats; fish and seafood; milk, cheese and eggs; meat; other appliances, articles and products for personal care; spirits.

Observing the main groups monthly growth of prices was noticed in the following groups: Clothing and footwear (2.0%); Furnishing, household equipment and routine household maintenance (1.5%); Miscellaneous goods and service (0.4%); Alcoholic beverages and tobacco (0.3%); Food and non-alcoholic beverages (0.2%); Transport (0.1%); Recreation and culture (0.1%), while a drop of prices was recorded in the following groups: Housing, water, electricity, gas and other fuels (-0.7%); Restaurants and hotels (-0.1%).

Positive annual inflation rates in February 2018 were observed in the following groups: Alcoholic beverages and tobacco (30.7%); Clothing and footwear (8.4%); Restaurants and hotels (6.8%); Transport (4.1%); Miscellaneous goods and service (1.9%); Communication (1.8%); Furnishing, household equipment and routine household maintenance (0.6%); Health (0.6%); Housing, water, electricity, gas and other fuels (0.2%), while negative annual inflation rates were observed in the following groups: Food and non-alcoholic beverages (-0.8%); Recreation and culture (-0.1%).

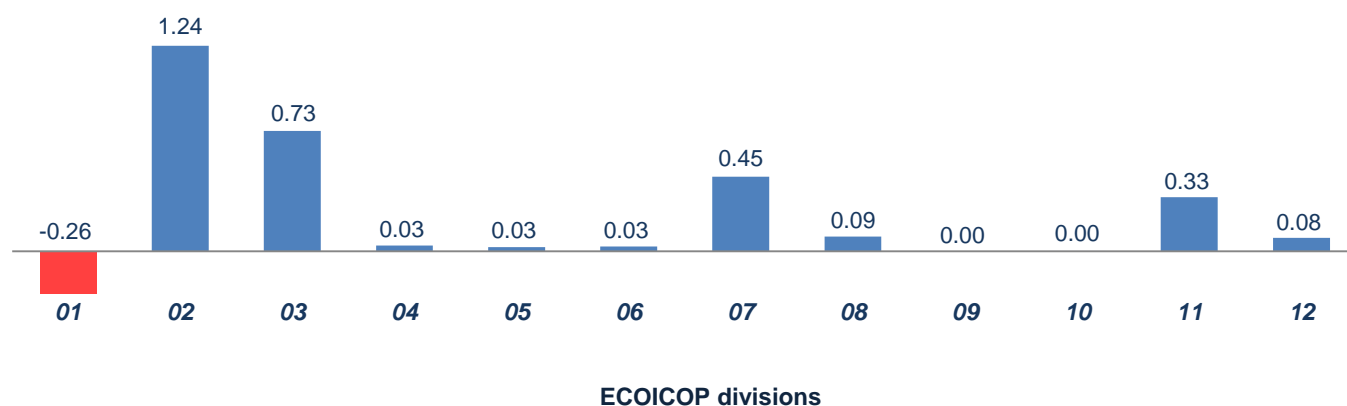
**Chart 1. Annual and monthly rates of inflation (CPI)**



**Table 1. Inflation rates measured by CPI, in %**

	Name	Weights ‰	<u>Feb 2018</u> Ø 2015	<u>Feb 2018</u> Jan 2018	<u>Feb 2018</u> Feb 2017	<u>Jan-Feb 2018</u> Jan-Feb 2017
00	CPI - total	1000.0	4.2	0.3	2.7	2.7
01	Food and non-alcoholic beverages	341.1	0.5	0.2	-0.8	-0.7
02	Alcoholic beverages and tobacco	40.4	36.0	0.3	30.7	30.6
03	Clothing and footwear	86.1	8.1	2.0	8.4	7.4
04	Housing, water, electricity, gas and other fuels	154.0	2.6	-0.7	0.2	0.3
05	Furnishing, household equipment and routine household maintenance	39.4	-0.3	1.5	0.6	0.0
06	Health	40.8	5.2	0.0	0.6	0.6
07	Transport	109.4	6.0	0.1	4.1	4.0
08	Communication	48.5	2.2	0.0	1.8	1.8
09	Recreation and culture	32.0	-0.4	0.1	-0.1	-0.5
10	Education	18.7	0.0	0.0	0.0	0.0
11	Restaurants and hotels	47.6	9.0	-0.1	6.8	6.9
12	Miscellaneous goods and services	42.0	2.0	0.4	1.9	1.8

**Chart 2. Impacts of divisions on the annual inflation rate (in %),  
February 2018**



**Table 2. Groups with most important impacts on monthly inflation rate, Feb 2018**

ECOICOP	Group	Weights ‰	Monthly inflation %	Influence in percentage points
0312	Garments	47.9	3.0	0.14
0561	Non-durable household goods	14.3	4.4	0.06
0116	Fruit	20.3	2.4	0.05
0321	Shoes and other footwear	37.4	0.9	0.04
0115	Oils and fats	15.3	1.7	0.03
0113	Fish and seafood	9.4	2.0	0.02
0114	Milk, cheese and eggs	74.1	0.2	0.01
0112	Meat	91.0	0.1	0.01
1213	Other appliances, articles and products for personal care	21.3	0.6	0.01
0722	Fuels and lubricants for personal transport equipment	51.4	0.2	0.01
0211	Spirits	6.8	1.3	0.01
0119	Food products n.e.c.	8.0	1.1	0.01
1120	Accommodation services	19.0	-0.3	-0.01
0117	Vegetables	33.7	-1.9	-0.06
0454	Solid fuels	31.0	-3.5	-0.11

**Table 3. Groups with most important impacts on annual inflation rate, Feb 2018**

ECOICOP	Group	Weights ‰	Annual inflation %	Influence in percentage points
0220	Tobacco	27.4	42.8	1.17
0321	Shoes and other footwear	37.4	10.4	0.39
0312	Garments	47.9	7.0	0.34
0722	Fuels and lubricants for personal transport equipment	51.4	4.9	0.25
1120	Accommodation services	19.0	10.9	0.21
0451	Electricity	80.2	2.6	0.21
0116	Fruit	20.3	7.2	0.15
0732	Passenger transport by road	20.5	5.9	0.12
1111	Restaurants, cafes and the like	28.6	3.3	0.10
0432	Services for the maintenance and repair of the dwelling	8.9	9.7	0.09
0118	Sugar, jam, honey, chocolate and confectionery	16.3	-1.0	-0.02
0113	Fish and seafood	9.4	-2.1	-0.02
0911	Equipment for the reception, recording and reproduction of sound and pictures	5.3	-5.9	-0.03
0112	Meat	91.0	-1.3	-0.12
0454	Solid fuels	31.0	-5.2	-0.16
0117	Vegetables	33.7	-10.4	-0.35

## METODOLOGICAL 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 good and service basket bought by household for the purposes of satisfying its needs.

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

Product list is regularly revised so that its representative status related to consumption structure and consumer habits is preserved.

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

**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. For example, if during certain month prices of bread increases for 10%. this will influence for approx. 0.5% ( $10 \times 5\% = 0.5\%$  - since the share of bread in the total expenses is 5%). But, if the prices of medicaments increase 12%, this will increase the inflation for 0.06% ( $12 \times 0.5\% = 0.06\%$  - since the share of medicaments in the total expenses 0.5%). This simple example indicates how much large influence have weights on the final number presenting the inflation.

According to the [Revision policy](#) of the Statistical Office, the final data shall be published with the date defined by the Statistical Release Calendar.

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