

## CIJENE

## Izvori i metodi prikupljanja podataka

**Potrošačke cijene** industrijskih i poljoprivrednih proizvoda i usluga snimaju statističari u izabranim gradovima (Podgorica, Nikšić, Kotor i Pljevlja), koji predstavljaju veće tržišne centre.

*Cijene industrijskih proizvoda* snimaju se jednom mjesečno na određenom broju izabranih tržišnih mjesta, po pravilu, sa najvećim prometom u gradu.

*Cijene poljoprivrednih proizvoda* snimaju se jedanput mjesečno kod izabranih radnji i na tržištima.

*Cijene usluga* snimaju se jedanput mjesečno u izabranim radnjama.

*Prosječne cijene za grad* izračunavaju se za svaki artikal posebno, prostom aritmetičkom sredinom iz više snimljenih cijena izabranih tržišnih mjesta u gradu.

*Prosječne mjesečne cijene za Crnu Goru* izračunate su od prosječnih cijena gradova, koje su ponderisane godišnjom strukturom potrošnje domaćinstava.

*Prosječne godišnje cijene industrijskih i poljoprivrednih proizvoda i usluga* izračunate su prostom aritmetičkom sredinom iz prosječnih mjesečnih cijena.

Opšti i grupni indeksi cijena izračunavaju se ponderisanjem individualnih indeksa sa strukturom potrošnje domaćinstava dobijenom na osnovu podataka iz Ankete o potrošnji domaćinstava.

## Obuhvatnost

Potrošačke cijene prate se u četiri izabrana grada: Podgorici, Nikšiću, Kotoru i Pljevljima. Lista sadrži 490 reprezentata od čega 396 proizvoda i 94 usluge. Ponderacioni sistem indeksa potrošačkih cijena povremeno se mijenja, a između promjena vrši se djelimična korekcija kao rezultat nastalih promjena u kretanju cijena. Indeksnе serije svake godine preračunavaju se na novu bazu.

## Definicije

Potrošačke cijene predstavljaju cijene po kojima trgovina na malo, individualni proizvođači i vršioци usluga prodaju proizvode i usluge krajnjim potrošačima, odnosno cijene po kojima krajnji potrošači plaćaju proizvode široke potrošnje i usluge. Prate se cijene po kojima se prodaju najveće količine izabranih proizvoda tzv. "najčešće" cijene. Indeksi potrošačkih cijena računaju se na osnovu indeksnih (reprezentativnih) lista artikala i usluga i odgovarajućih ponderacija, za cijene uporedive sa baznim cijenama po formuli:

$$I = \frac{\sum \frac{P_n}{P_o} \cdot W_o}{\sum W_o}$$

i za cijene koje nijesu direktno uporedive s baznim cijenama po formuli:

$$I = \frac{\sum i_{n-1} \cdot \frac{P_n}{P_{n-1}} \cdot W_o}{\sum W_o}$$

gdje je:

$i_{n-1}$  = bazni indeks (za svaki pojedini artikal) u prethodnom mjesecu,

$P_n$  = prosječna cijena u tekućem mjesecu,

$P_{n-1}$  = prosječna cijena u prethodnom mjesecu.

$P_o$  = prosječna cijena u baznom periodu,

$W_o$  = struktura potrošnje domaćinstva.

## PRICES

## Sources and methods of data collection

**Consumer prices** of industrial and agricultural products and services are observed and recorded by statisticians in the towns representing bigger market centres (Podgorica, Nikšić, Kotor and Pljevlja).

Data on *retail prices of industrial products* are collected monthly from selected outlets that have the highest turnover in the municipality.

*Retail prices of agricultural products* are observed and recorded twice a month in selected outlets and markets.

*Prices of services* are observed in selected outlets on a monthly basis.

The *average price at municipal level* is calculated for each product, as a simple arithmetic mean of several prices recorded at different (selected) places within municipality.

The *average monthly prices for Montenegro* are calculated from average prices in municipalities, weighted by the annual structure of household expenditure.

The *average annual prices of industrial and agricultural products and services* are calculated as a simple arithmetic mean of average monthly prices.

General and group price indices are calculated by weighting individual indices with household expenditure structure based on Household budget survey data.

## Coverage

Consumer prices are recorded in four municipalities of Montenegro: Podgorica, Nikšić, Kotor and Pljevlja. The list contains 490 representative items, of which 396 products and 94 services. Weighting system of Consumer price index is periodically changed and partial correction is done between changes as the result of price changes. The base of index series is recalculated every year.

## Definitions

*Consumer prices* refer to prices at which retail trade, private agricultural producers and service suppliers sell their own products and services to final consumers. Those are, in other words, goods and services prices paid by final consumers. Observed are the prices at which the highest quantities of chosen products are sold, i.e., the "most common" prices. Consumer Price indices are calculated on the basis of index (representative) lists of products and services and corresponding weights, for the prices comparable to the base prices, using the following formula:

$$I = \frac{\sum \frac{P_n}{P_o} \cdot W_o}{\sum W_o}$$

and for prices not directly comparable with the base prices, by the following formula:

$$I = \frac{\sum i_{n-1} \cdot \frac{P_n}{P_{n-1}} \cdot W_o}{\sum W_o}$$

where:

$i_{n-1}$  = basic index (for each, particular article) in the preceding month,

$P_n$  = average price in the current month,

$P_{n-1}$  = average price in the preceding month,

$P_o$  = average price in the basic period,

$W_o$  = household expenditure structure

## 9 – 1. INDEKSI POTROŠAČKIH CIJENA

## CONSUMER PRICE INDEX

2008 = 100

	2007	2008	2009	
<b>UKUPAN INDEKS POTROŠAČKIH CIJENA</b>	<b>93.1</b>	<b>100.0</b>	<b>103.4</b>	<b>TOTAL CONSUMER PRICE INDEX</b>
Hrana i bezalkoholna pića	92.4	100.0	103.3	<i>Food and beverages</i>
Alkoholna pića i duvan	97.4	100.0	107.3	<i>Spirits and tobacco</i>
Odjeća i obuća	99.3	100.0	100.8	<i>Clothing and footwear</i>
Stanovanje	91.0	100.0	114.0	<i>Housing</i>
Pokucstvo i oprema za kuću	99.2	100.0	97.3	<i>Household furnishings and equipment</i>
Zdravstvo	94.4	100.0	102.7	<i>Health care</i>
Prevoz	90.5	100.0	95.8	<i>Transport</i>
Komunikacije	85.0	100.0	103.7	<i>Telecommunications</i>
Kultura i rekreacija	99.5	100.0	100.5	<i>Culture and recreation</i>
Obrazovanje	100.0	100.0	100.0	<i>Education</i>
Restorani i hoteli	95.3	100.0	109.1	<i>Restaurants and Hotels</i>
Ostala dobra i usluge	97.0	100.0	101.3	<i>Other goods and services</i>

9 – 2. INDEKS POTROŠAČKIH CIJENA  
PO GRUPAMA PROIZVODACONSUMER PRICE INDEX  
BY GROUP OF PRODUCTS

2008 = 100

	2007	2008	2009	
Hrana i žitarice	89.7	100.0	102.8	Food and cereals
Meso	95.6	100.0	106.7	Meat
Riba	92.2	100.0	104.7	Fish
Mlijeko, jaja i sir	92.4	100.0	108.7	Milk, eggs and cheese
Ulje i masti	74.5	100.0	83.6	Oil and fats
Voće	91.7	100.0	95.7	Fruit
Povrće	88.1	100.0	99.8	Vegetable
Šećer, med, pekmez i ost. slat.	99.5	100.0	103.1	Sugar, honey, jam and other sweets
Ostali prehrambeni proizvodi	98.5	100.0	99.7	Other food products
Bezalkoholna pića	100.3	100.0	98.5	Non-alcoholic beverages
Alkoholna pića	94.0	100.0	105.1	Alcoholic beverages
Duvan	99.3	100.0	105.1	Tobacco
Materijal za odjeću	98.2	100.0	100.2	Clothing materials
Odjeća	99.0	100.0	100.9	Clothing
Ostalo za odjeću	98.5	100.0	100.8	Other articles of clothing
Čišćenje i iznajmljivanje odjeće	99.7	100.0	115.8	Cleaning and hire of clothing
Obuća	99.6	100.0	100.3	Footwear
Popravka i iznajmljivanje obuće	99.1	100.0	102.7	Repair and hire of footwear
Održavanje i popravke stana	97.4	100.0	105.8	Maintenance and repair of the dwelling
Snadbijevanje vodom	97.4	100.0	112.2	Water supply
Elektr. energija, plin i ost. goriva	89.7	100.0	114.8	Electricity, gas and other fuels
Namještaj i pokućstvo	99.6	100.0	90.3	Furniture and furnishings
Tekstilni proizvodi za kuću	98.9	100.0	101.2	Household textiles
Kućni aparati	99.0	100.0	98.9	Household appliances
Stakleno i stono posuđe	98.9	100.0	99.1	Glassware and tableware
Alat i oprema za kuću	104.1	100.0	99.2	Tools and equipment for house
Dobra i usluge za potrošnju	98.7	100.0	97.9	Goods and services for household maintenance
Zdravstvo	94.3	100.0	102.7	Health
Kupovina vozila	97.0	100.0	105.6	Purchase of vehicles
Oprema za održavanje vozila	91.0	100.0	89.8	Personal transport equipment
Prevozne usluge	85.0	100.0	114.5	Transport services
Komunikacije	85.0	100.0	103.7	Communications
Kultura i rekreacija	98.3	100.0	100.5	Culture and recreation
Obrazovanje	100.0	100.0	100.0	Education
Restorani i hoteli	95.3	100.0	109.1	Restaurants and hotels
Ostala dobra i usluge	99.3	100.0	101.3	Miscellaneous goods and services

9 – 3. INDEKSI CIJENA PROIZVOĐAČA  
INDUSTRIJSKIH PROIZVODAPRODUCERS PRICE INDICES  
FOR INDUSTRIAL PRODUCTS

2008=100

	2005	2006	2007	2008	2009	
<b>UKUPNO</b>	<b>78.0</b>	<b>80.8</b>	<b>87.7</b>	<b>100.0</b>	<b>96.1</b>	<b>TOTAL</b>
Vađenje ruda i kamena	75.7	79.7	87.7	100.0	102.7	Mining and quarrying
Prerađivačka industrija	81.0	84.3	89.8	100.0	90.9	Manufacturing
Proizvodnja el. enrgije, gasa i vode	72.7	72.7	82.4	100.0	108.5	Electricity, gas and water production
<b>Vađenje ruda i kamena</b>	<b>75.7</b>	<b>79.7</b>	<b>87.7</b>	<b>100.0</b>	<b>102.7</b>	<b>Mining and quarrying</b>
Vađenje energetskih sirovina	70.9	75.4	84.8	100.0	101.0	Mining and quarrying of energy-producing materials
Vađenje kamenog uglja, lignita i treseta	70.9	75.4	84.8	100.0	101.0	Mining of coal and lignite and peat extraction
Vađenje ostalih sirovina i materijala	79.9	83.4	90.2	100.0	104.0	Mining and quarrying except energy producing materials
Vađenje ruda metala	79.1	82.7	89.9	100.0	105.3	Mining of metal ores
Vađenje ostalih ruda i kamena	83.1	86.6	91.0	100.0	98.1	Other mining and quarrying
<b>Prerađivačka industrija</b>	<b>81.0</b>	<b>84.3</b>	<b>89.8</b>	<b>100.0</b>	<b>90.9</b>	<b>Manufacturing</b>
Prehrambeni proizvodi, pića i duvan	81.4	83.0	88.5	100.0	103.4	Food products, beverages and tobacco
Proizvodnja prehrambenih proizvoda i pića	80.5	83.5	86.8	100.0	101.9	Manufacture of food products and beverages
Proizvodnja duvanskih proizvoda	115.4	95.2	100.0	100.0	114.2	Manufacture of tobacco products
Proizvodnja tekstila i tekstilnih proizvoda	77.1	97.6	95.6	100.0	98.2	Manufacture of textile and textile products
Proizvodnja tekstilnih tkanina	90.5	93.4	98.8	100.0	99.9	Manufacture of textile fabrics
Proizvodnja odjevnih predmeta i krzn	63.2	89.2	90.0	100.0	95.0	Manufacture of wearing apparel and fur
Proizvodnja kože i predmeta od kože	98.6	98.6	98.6	100.0	104.7	Manufacture of leather and leather products
Proizvodnja predmeta od kože i obuće	98.6	98.6	98.6	100.0	104.7	Manufacture of leather products and footwear
Prerada drveta i proizvoda od drveta	82.2	90.2	91.2	100.0	104.1	Manufacture of wood and wood products
Proizvodi od drveta, plute i slično	82.2	90.2	91.2	100.0	104.1	Manufacture of wood and cork products, and similar
Prizvodnja papira izdavanje i štampanje	92.0	84.2	84.2	100.0	99.7	Manufacture of paper; printing and publishing
Proizv. celuloze, papira i proizvoda od papira	108.3	99.1	99.3	100.0	101.1	Manufacture of pulp, paper and paper products
Izdavanje, štampanje i reprodukcija	-	-	100.0	100.0	99.2	Issuing, printing and reproduction
Proizvodnja hemijskih proizvoda i vlakana	85.9	75.7	91.9	100.0	113.0	Manufacture of chemical products and fibres
Proizvodnja hemikalija i hemijskih proizvoda	85.9	75.7	91.9	100.0	113.0	Manufacture of chemicals and chemical products
Proizvodnja proizvoda od gume i plastike	-	-	97.6	100.0	104.9	Manufacture of rubber and plastic products
Proizvodnja proizvoda od gume i plastike	-	-	97.6	100.0	104.9	Manufacture of rubber and plastic products
Proizv. proizvoda od ostalih nemetalnih minerala	86.9	88.1	94.5	100.0	99.0	Manufacture of other non-metallic mineral products
Proizv. proizvoda od ostalih nemetalnih minerala	86.9	88.1	94.5	100.0	99.0	Manufacture of other non-metallic mineral products
Proizv. osn. metala i standard. metalnih proizvoda	81.3	82.9	89.7	100.0	76.2	Manufacture of basic metals and standard metal products
Proizvodnja osnovnih metala	80.7	82.2	89.3	100.0	73.9	Manufacture of basic metals
Proizvodnja metalnih proizvoda, osim mašina	-	-	100.0	100.0	110.1	Manufacturing of metal products, except machinery
Proizvodnja mašina i uređaja, ostala	93.1	104.2	101.1	100.0	99.3	Manufacture of other machinery and equipment
Proizvodnja mašina i uređaja, ostala	93.1	104.2	101.0	100.0	99.3	Manufacture of other machinery and equipment
Prerađivačka industrija ostala	93.5	85.4	87.9	100.0	112.3	Manufacturing, other
Proizvodnja namještaja i raznovrs. proiz.	93.5	85.4	87.9	100.0	112.3	Manufacture of furniture and miscellaneous products
<b>Proizvodnja električne energije, gasa i vode</b>	<b>72.7</b>	<b>72.7</b>	<b>82.4</b>	<b>100.0</b>	<b>108.5</b>	<b>Electricity, gas and water supply</b>
Proizv. električne energije, gasa i tople vode	72.7	72.7	82.4	100.0	108.5	Electricity, gas and hot water supply