



Montenegro

A DECADE  
OF INDEPENDENCE  
A MILLENNIUM  
OF STATEHOOD  
MONTENEGRO  
2016



May Montenegro live forever

Government of Montenegro  
Statistical Office of Montenegro

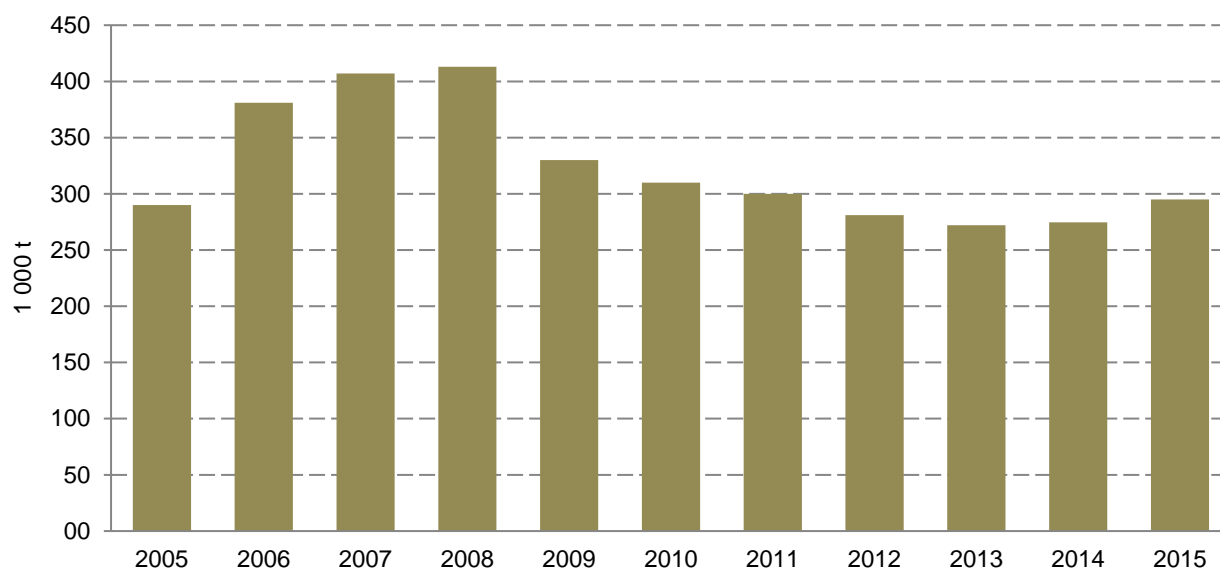
RELEASE

## Balance of oil products 2015

Total final consumption of oil products in Montenegro in 2015 was 295,0 thousand tons, of which was consumed in transport sector 202.6 thousand tons, in industry 71,7 thousand tons and in other sectors was consumed 20.7 thousand tons.

In total consumption of oil products in 2015 the ratio of transport was 68.7%, industry 24.3% and ratio of other sectors was 7.0%. Total import of oil products in Montenegro in 2015 was 301.8 thousand tons.

Graph 1. Final consumption of oil products in Montenegro, in thous. tons



**Table 1. Balance of oil products in Montenegro, 2015**

EUROSTAT form

	Oil products - total	LPG	Motor gasoline	Kerosene	Transport diesel oil	Residual fuel oil	Mazut	Other oil products
	1000 t							
Primary production	-	-	-	-	-	-	-	-
Imports	301.8	19.5	40.8	24.0	175.1	11.3	3.9	27.2
Stock change	9.3	- 1.5	4.8	- 0.5	- 0.7	- 1.5	0.7	8.0
Exports	- 10.7	-	- 9.7	-	-	-	-	- 1.0
Bunkers	- 5.4	-	-	- 5.4	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>Gross inland consumption</b>	<b>295.0</b>	<b>18.0</b>	<b>35.9</b>	<b>18.1</b>	<b>174.4</b>	<b>9.8</b>	<b>4.6</b>	<b>34.2</b>
<b>Transformation - input</b>	-	-	-	-	-	-	-	-
Thermal power plants (Main producers)	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Main producers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Main producers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
<b>Transformation - output</b>	-	-	-	-	-	-	-	-
Thermal power plants (Main producers)	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Cogeneration (CHP) (Main producers)	-	-	-	-	-	-	-	-
Cogeneration (CHP) (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Main producers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
<b>Exchanges and transfers, returns</b>	-	-	-	-	-	-	-	-
Interproduct transfers	-	-	-	-	-	-	-	-
Products transferred	-	-	-	-	-	-	-	-
Returns from petrochem. Industry	-	-	-	-	-	-	-	-
<b>Consumption of the energy branch</b>	-	-	-	-	-	-	-	-
<b>Distribution losses</b>	-	-	-	-	-	-	-	-
<b>Final consumption</b>	<b>295.0</b>	<b>18.0</b>	<b>35.9</b>	<b>18.1</b>	<b>174.4</b>	<b>9.8</b>	<b>4.6</b>	<b>34.2</b>
<b>Final non-energy consumption</b>	-	-	-	-	-	-	-	-
<b>Final energy consumption</b>	<b>295.0</b>	<b>18.0</b>	<b>35.9</b>	<b>18.1</b>	<b>174.4</b>	<b>9.8</b>	<b>4.6</b>	<b>34.2</b>
<b>Industry</b>	<b>71.7</b>	<b>7.7</b>	<b>1.1</b>	-	<b>29.0</b>	<b>7.2</b>	<b>3.0</b>	<b>23.7</b>
Iron & steel industry	1.7	0.9	-	-	-	-	0.8	-
Non-ferrous metal industry	18.0	-	-	-	-	-	0.2	17.8
Chemical industry	1.6	-	-	-	0.5	0.3	0.8	-
Glass, pottery & building mat. Industry	1.6	-	-	-	1.1	0.5	-	-
Ore-extraction industry	6.1	-	-	-	4.2	-	-	1.9
Food, drink & tobacco industry	9.3	2.4	-	-	4.1	1.8	1.0	-
Textile, leather & clothing industry	0.2	-	-	-	-	0.2	-	-
Paper and printing	0.3	-	-	-	-	0.3	-	-
Engineering & other metal industry	2.5	1.1	-	-	1.0	0.4	-	-
Other industries	30.4	3.3	1.1	-	18.1	3.7	0.2	4.0
<b>Transport</b>	<b>202.6</b>	<b>8.0</b>	<b>34.0</b>	<b>18.1</b>	<b>136.5</b>	-	<b>0.8</b>	<b>5.2</b>
Railways	2.0	-	-	-	-	-	-	2.0
Road transport	179.7	8.0	34.0	-	134.5	-	-	3.2
Air transport	18.1	-	-	18.1	-	-	-	-
Inland navigation	2.8	-	-	-	2.0	-	0.8	-
Other transport	-	-	-	-	-	-	-	-
<b>Households, commerce, pub. auth.etc</b>	<b>20.7</b>	<b>2.3</b>	<b>0.8</b>	-	<b>8.9</b>	<b>2.6</b>	<b>0.8</b>	<b>5.3</b>
Households	0.9	0.9	-	-	-	-	-	-
Agriculture	7.1	-	0.8	-	4.0	0.5	0.8	1.0
Other sectors	12.7	1.4	-	-	4.9	2.1	-	4.3

**Table 2. Balance of oil products in Montenegro, 2015**

EUROSTAT form

	Oil products - total	LPG	Motor gasoline	Kerosene	Transport diesel oil	Residual fuel oil	Mazut	Other oil products
	TJ							
Primary production	-	-	-	-	-	-	-	-
Imports	12 981	914	1 819	1 055	7 478	466	156	1 093
Stock change	380	- 70	214	- 22	- 30	- 62	28	322
Exports	- 473	-	- 433	-	-	-	-	- 40
Bunkers	- 238	-	-	- 238	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>Gross inland consumption</b>	<b>12 650</b>	<b>844</b>	<b>1 600</b>	<b>795</b>	<b>7 448</b>	<b>404</b>	<b>184</b>	<b>1 375</b>
<b>Transformation - input</b>	-	-	-	-	-	-	-	-
Thermal power plants (Main producers)	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Main producers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Main producers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
<b>Transformation - output</b>	-	-	-	-	-	-	-	-
Thermal power plants (Main producers)	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Cogeneration (CHP) (Main producers)	-	-	-	-	-	-	-	-
Cogeneration (CHP) (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Main producers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
<b>Exchanges and transfers, returns</b>	-	-	-	-	-	-	-	-
Interproduct transfers	-	-	-	-	-	-	-	-
Products transferred	-	-	-	-	-	-	-	-
Returns from petrochem. Industry	-	-	-	-	-	-	-	-
<b>Consumption of the energy branch</b>	-	-	-	-	-	-	-	-
<b>Distribution losses</b>	-	-	-	-	-	-	-	-
<b>Final consumption</b>	<b>12 650</b>	<b>844</b>	<b>1 600</b>	<b>795</b>	<b>7 448</b>	<b>404</b>	<b>184</b>	<b>1 375</b>
<b>Final non-energy consumption</b>	-	-	-	-	-	-	-	-
<b>Final energy consumption</b>	<b>12 650</b>	<b>844</b>	<b>1 600</b>	<b>795</b>	<b>7 448</b>	<b>404</b>	<b>184</b>	<b>1 375</b>
<b>Industry</b>	<b>3 018</b>	<b>361</b>	<b>49</b>	-	<b>1 238</b>	<b>297</b>	<b>120</b>	<b>953</b>
Iron & steel industry	74	42	-	-	-	-	32	-
Non-ferrous metal industry	724	-	-	-	-	-	8	716
Chemical industry	65	-	-	-	21	12	32	-
Glass, pottery & building mat. Industry	68	-	-	-	47	21	-	-
Ore-extraction industry	255	-	-	-	179	-	-	76
Food, drink & tobacco industry	401	112	-	-	175	74	40	-
Textile, leather & clothing industry	8	-	-	-	-	8	-	-
Paper and printing	12	-	-	-	-	12	-	-
Engineering & other metal industry	112	52	-	-	43	17	-	-
Other industries	1 299	155	49	-	773	153	8	161
<b>Transport</b>	<b>8 757</b>	<b>375</b>	<b>1 516</b>	<b>795</b>	<b>5 830</b>	-	<b>32</b>	<b>209</b>
Railways	80	-	-	-	-	-	-	80
Road transport	7 765	375	1 516	-	5 745	-	-	129
Air transport	795	-	-	795	-	-	-	-
Inland navigation	117	-	-	-	85	-	32	-
Other transport	-	-	-	-	-	-	-	-
<b>Households, commerce, pub. auth.etc</b>	<b>875</b>	<b>108</b>	<b>35</b>	-	<b>380</b>	<b>107</b>	<b>32</b>	<b>213</b>
Households	42	42	-	-	-	-	-	-
Agriculture	299	-	35	-	171	21	32	40
Other sectors	534	66	-	-	209	86	-	173

**Table 3. Balance of oil products in Montenegro, 2015**
*IEA form*

	Oil products - total	LP G	Motor gasoline	Kerosene	Transport diesel oil	Residual fuel oil	Mazut	Other oil product
1000 t								
Production	-	-	-	-	-	-	-	-
Imports	301.8	19.5	40.8	24.0	175.1	11.3	3.9	27.2
Exports	- 10.7	-	- 9.7	-	-	-	-	- 1.0
Intl. marine bunkers	-5.4	-	-	-5.4	-	-	-	-
Stock change	9.3	1.5	4.8	- 0.5	- 0.7	- 1.5	0.7	8.0
<b>Domestic supply</b>	<b>295.0</b>	<b>18.0</b>	<b>35.9</b>	<b>18.1</b>	<b>174.4</b>	<b>9.8</b>	<b>4.6</b>	<b>34.2</b>
Transfers	-	-	-	-	-	-	-	-
Statistical difference	-	-	-	-	-	-	-	-
<b>Transformations</b>	-	-	-	-	-	-	-	-
Thermal power plants (Main producers)	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Main producers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Main producers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Other transformation sector	-	-	-	-	-	-	-	-
<b>Energy sector</b>	-	-	-	-	-	-	-	-
Coal mines	-	-	-	-	-	-	-	-
Thermal power plants and CHPs	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Hydro power plants	-	-	-	-	-	-	-	-
<b>Distribution losses</b>	-	-	-	-	-	-	-	-
<b>Final consumption</b>	<b>295.0</b>	<b>18.0</b>	<b>35.9</b>	<b>18.1</b>	<b>174.4</b>	<b>9.8</b>	<b>4.6</b>	<b>34.2</b>
<b>Industry sector</b>	<b>71.7</b>	<b>7.7</b>	<b>1.1</b>	-	<b>29.0</b>	<b>7.2</b>	<b>3.0</b>	<b>23.7</b>
Iron and steel	1.7	0.9	-	-	-	-	0.8	-
Chemical and petrochemical	1.6	-	-	-	0.5	0.3	0.8	-
Non-ferrous metals	18.0	-	-	-	-	-	0.2	17.8
Non-metallic minerals	1.6	-	-	-	1.1	0.5	-	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	2.5	1.1	-	-	1.0	0.4	-	-
Mining and Quarrying	6.1	-	-	-	4.2	-	-	1.9
Food and tobacco	9.3	2.4	-	-	4.1	1.8	1.0	-
Paper, pulp and print	0.3	-	-	-	-	0.3	-	-
Wood and wood products	9.5	-	-	-	9.5	-	-	-
Construction materials	-	-	-	-	-	-	-	-
Textile and Leather	0.2	-	-	-	-	0.2	-	-
Non-specified	20.9	3.3	1.1	-	8.6	3.7	0.2	4.0
<b>Transport</b>	<b>202.6</b>	<b>8.0</b>	<b>34.0</b>	<b>18.1</b>	<b>136.5</b>	-	<b>0.8</b>	<b>5.2</b>
International civil aviation	18.1	-	-	18.1	-	-	-	-
Domestic air	-	-	-	-	-	-	-	-
Road	179.7	8.0	34.0	-	134.5	-	-	3.2
Rail	2.0	-	-	-	-	-	-	2.0
Pipeline transport	-	-	-	-	-	-	-	-
Internal navigation	2.8	-	-	-	2.0	-	0.8	-
Non-specified	-	-	-	-	-	-	-	-
<b>Other sectors</b>	<b>20.7</b>	<b>2.3</b>	<b>0.8</b>	-	<b>8.9</b>	<b>2.6</b>	<b>0.8</b>	<b>5.3</b>
Agriculture	7.1	-	0.8	-	4.0	0.5	0.8	1.0
Commerce and public services	11.7	1.4	-	-	4.9	2.1	-	3.3
Residential	0.9	0.9	-	-	-	-	-	-
Non-specified	1.0	-	-	-	-	-	-	1.0

**Table 4. Balance of oil products in Montenegro, 2015**
*IEA form*

	Oil products - total	LP G	Motor gasoline	Kerosene	Transport diesel oil	Residual fuel oil	Mazut	Other oil product
TJ								
Production	-	-	-	-	-	-	-	-
Imports	12 981	914	1 819	1 055	7 478	466	156	1 093
Exports	- 473	-	- 433	-	-	-	-	- 40
Intl. marine bunkers	- 238	-	-	- 238	-	-	-	-
Stock change	380	- 70	214	- 22	- 30	- 62	28	322
<b>Domestic supply</b>	<b>12 650</b>	<b>844</b>	<b>1 600</b>	<b>795</b>	<b>7 448</b>	<b>404</b>	<b>184</b>	<b>1 375</b>
Transfers	-	-	-	-	-	-	-	-
Statistical difference	-	-	-	-	-	-	-	-
<b>Transformations</b>	-	-	-	-	-	-	-	-
Thermal power plants (Main producers)	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Main producers)	-	-	-	-	-	-	-	-
Cogeneration CHP (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Main producers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Other transformation sector	-	-	-	-	-	-	-	-
<b>Energy sector</b>	-	-	-	-	-	-	-	-
Coal mines	-	-	-	-	-	-	-	-
Thermal power plants and CHPs	-	-	-	-	-	-	-	-
Thermal power plants (Autoproducers)	-	-	-	-	-	-	-	-
Heat-only plants (Autoproducers)	-	-	-	-	-	-	-	-
Patent fuel, briquetting and coke plants	-	-	-	-	-	-	-	-
Hydro power plants	-	-	-	-	-	-	-	-
<b>Distribution losses</b>	-	-	-	-	-	-	-	-
<b>Final consumption</b>	<b>12 650</b>	<b>844</b>	<b>1 600</b>	<b>795</b>	<b>7 448</b>	<b>404</b>	<b>184</b>	<b>1 375</b>
<b>Industry sector</b>	<b>3 018</b>	<b>361</b>	<b>49</b>	-	<b>1 238</b>	<b>297</b>	<b>120</b>	<b>953</b>
Iron and steel	74	42	-	-	-	-	32	-
Chemical and petrochemical	65	-	-	-	21	12	32	-
Non-ferrous metals	724	-	-	-	-	-	8	716
Non-metallic minerals	68	-	-	-	47	21	-	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	112	52	-	-	43	17	-	-
Mining and Quarrying	255	-	-	-	179	-	-	76
Food and tobacco	401	112	-	-	175	74	40	-
Paper, pulp and print	12	-	-	-	-	12	-	-
Wood and wood products	406	-	-	-	406	-	-	-
Construction materials	-	-	-	-	-	-	-	-
Textile and Leather	8	-	-	-	-	8	-	-
Non-specified	893	155	49	-	367	153	8	161
<b>Transport</b>	<b>8 757</b>	<b>375</b>	<b>1 516</b>	<b>795</b>	<b>5 830</b>	-	<b>32</b>	<b>209</b>
International civil aviation	795	-	-	795	-	-	-	-
Domestic air	-	-	-	-	-	-	-	-
Road	7 765	375	1 516	-	5 745	-	-	129
Rail	80	-	-	-	-	-	-	80
Pipeline transport	-	-	-	-	-	-	-	-
Internal navigation	117	-	-	-	85	-	32	-
Non-specified	-	-	-	-	-	-	-	-
<b>Other sectors</b>	<b>875</b>	<b>108</b>	<b>35</b>	-	<b>380</b>	<b>107</b>	<b>32</b>	<b>213</b>
Agriculture	299	-	35	-	171	21	32	40
Commerce and public services	494	66	-	-	209	86	-	133
Residential	42	42	-	-	-	-	-	-
Non-specified	40	-	-	-	-	-	-	40

## METHODOLOGICAL EXPLANATIONS

Balance of oil products contains annual data on production, import, export, transformation, consumption and distribution of oil products in Montenegro in 2015. Data are presented in the natural units of measure and in TJ (terajoule).

The methodology for calculation of balance of oil products, definitions and statistical terminology are harmonized with the international IEA/OECD/EUROSTAT standards.

Every well-intentioned suggestion referred from a data users will be accepted with pleasure.

### Data sources (coverage)

The reporting units for balance of oil products are companies engaging in trade of oil products. Balance of oil products also covers the data from statistical surveys in the area of energy, foreign trade, industry, transport and agriculture.

### Method of data collection

The data are processed using the compilation method.

### Definition

*Primary production* is a form of energy that has not been converted or transformed (coal, oil, natural gas, biomass, firewood, hydro power energy, geothermal energy, wind energy and solar energy).

*Imports and exports* cover quantities that crossed the national border.

*Marine bunkers* cover the quantities delivered for international navigation purposes.

*Statistical differences* are a category that includes the sum of unknown statistical differences between the production and consumption of selected fuels.

*Gross inland* energy consumption is calculated as follows:

Primary production  
+ Imports  
– Exports  
+ Stock changes  
– Marine bunkers

*Transformation - input* is the consumption of fuels as raw materials for energy production in thermal power plants, CHP, auto producers, district heating plants, refineries, blast furnace plants and coal transformation.

*Transformation - output* covers the production of transformed energy forms (thermoelectricity, heat, petroleum products, blast furnace gas and oxygen steel furnace gas).

*Exchange and transfers* include inter product transferred (distillates), products transferred (hydro energy) and recycled products (naphtha, fuel oil and lubricants).

*Own consumption in energy sector* covers the energy used for energy sector running.

*Distribution losses* include losses incurred in transmission and distribution of energy.

Energy available for final consumption is the energy intended for final consumers.

Final consumption of energy covers final consumption of available energy for energy purposes in:

- industry (iron and steel, non-ferrous metal, chemical industry, non-metal minerals, mining and quarrying, food, drink and tobacco industry, textile, leather and clothing, paper and printing, engineering and other metal industry, other industries);
- transport (rail, road, air, inland, other);
- households, agriculture and other sectors (e.g. education, health, administration, etc.).

## Conversion Equivalents between Units of Energy

Conversion factors for converting energy into various energy units are published in the Manual of Energy Statistics IEA / OECD / Eurostat.

Conversion refers to particular energy unit are shown in Table:

	TJ	Gcal	Mtoe	GWh
TJ	1	238,8	$2,388 \times 10^{-5}$	0.2778
Gcal	$4,1868 \times 10^{-3}$	1	$10^{-7}$	$1,163 \times 10^{-3}$
Mtoe	$4,1868 \times 10^{-4}$	$10^7$	1	11630
GWh	3,6	860	$8,6 \times 10^{-5}$	1

### Unit of measure:

TJ = terajoule  
Gcal = gigacalorie  
Mtoe = milion tones of oil equivalent  
GWh = gigawatt hour  
t = tonne

### Znaci:

- = no occurrence of event  
... = data not available  
0 = value less than 0,5 of the unit of measure  
1) = footnote

Release No: **200**

Podgorica, 02 November 2016

*Published and printed by Statistical Office of Montenegro - MONSTAT  
81000 Podgorica, IV Proleterske 2, Phone (+382) 20 230 811, Fax (+382) 20 230 814*

*Release prepared by:*

**Suzana GOJČAJ, Mašan RAIČEVIĆ**

*e-mail:* [contact@monstat.org](mailto:contact@monstat.org)

When using these data  
please indicate the source