

Gross domestic product of Montenegro in 2018

Real growth rate of gross domestic product for 2018 is 5.1%.

This release presents results of gross domestic product (GDP) for Montenegro by the production and expenditure approach for the 2018 at current and constant prices.

Gross domestic product of Montenegro in 2018 is 4 663 million EUR while for 2017 it was 4 299 million EUR.

Gross domestic product per capita in 2018 is 7 495 EUR while in 2017 it was 6 908 EUR.

Table 1. Gross domestic product

	2017	2018
1. Gross domestic product at current prices, mill. EUR	4 299	4 663
2. Population (in thous.)	622.4	622.2
3. Gross domestic product per capita in EUR <i>3 = (1/2)</i>	6 908	7 495
4. Gross domestic product at constant prices (at prices of previous year), mill. EUR	4 141	4 517
5. Real growth rate of GDP (%) <i>(GDP at constant prices in current year / GDP at current prices in previous year) x 100 - 100</i>	4.7	5.1
6. Nominal growth of GDP-a (%) <i>(GDP at current prices in current year / GDP at current prices in previous year) x 100 - 100</i>	8.7	8.5
7. Deflator (%) <i>(GDP at current prices in current year / GDP at constant prices in current year) x 100 - 100</i>	3.8	3.2

Table 2: Gross output and gross value added at current prices, 2017– 2018

In thous. EUR

Classification of activities		Gross output		Intermediate consumption		Gross value added	
		2017	2018	2017	2018	2017	2018
A	Agriculture, forestry and fishing	483 654	515 240	189 000	201 307	294 655	313 933
B	Mining and quarrying	109 163	97 999	49 720	47 565	59 443	50 434
C	Manufacturing	523 340	576 069	357 945	390 309	165 395	185 761
D	Electricity, gas, steam and air conditioning supply	286 226	360 386	188 987	196 211	97 239	164 175
E	Water supply; sewerage, waste management and remediation activities	110 134	108 818	34 533	32 523	75 600	76 295
F	Construction	1 056 066	1 274 838	814 840	1 008 475	241 227	266 364
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	1 019 465	1 050 685	460 445	461 434	559 020	589 250
H	Transportation and storage	407 253	441 936	226 212	247 485	181 041	194 450
I	Accommodation and food service activities	628 248	686 816	307 658	345 121	320 590	341 695
J	Information and communication	325 347	331 663	165 484	159 621	159 863	172 042
K	Financial and insurance activities	294 922	309 241	118 960	123 169	175 962	186 072
L	Real estate activities	333 530	350 646	88 240	99 602	245 290	251 044
M	Professional, scientific and technical activities	280 550	343 207	169 383	203 988	111 167	139 219
N	Administrative and support service activities	187 931	206 312	99 633	108 204	88 298	98 108
O	Public administration and defense; compulsory social security	444 013	470 466	136 811	155 745	307 202	314 721
P	Education	198 786	208 167	26 301	29 870	172 485	178 297
Q	Human health and social work activities	229 864	260 589	70 371	95 086	159 493	165 503
R	Arts, entertainment and recreation	115 544	154 015	54 460	69 608	61 084	84 407
S+T	Other service activities; Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	70 922	73 733	27 415	29 366	43 507	44 367
U	Activities of extraterritorial organizations and bodies	...	...	...	...	...	...
Total		7 104 958	7 820 826	3 586 398	4 004 689	3 518 560	3 816 137
Taxes on products less subsidies on products						780 531	846 993
GROSS DOMESTIC PRODUCT (current prices)						4 299 091	4 663 130

Table 3: Index of nominal growth, structure of gross value added and gross domestic product at current prices, 2017 - 2018

Classification of activities		Gross value added (in thous. EUR)		Index of nominal growth ¹	GDP structure (%)	
		2017	2018		2017	2018
A	Agriculture, forestry and fishing	294 655	313 933	106.5	6.9	6.7
B	Mining and quarrying	59 443	50 434	84.8	1.4	1.1
C	Manufacturing	165 395	185 761	112.3	3.8	4.0
D	Electricity, gas, steam and air conditioning supply	97 239	164 175	168.8	2.3	3.5
E	Water supply; sewerage, waste management and remediation activities	75 600	76 295	100.9	1.8	1.6
F	Construction	241 227	266 364	110.4	5.6	5.7
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	559 020	589 250	105.4	13.0	12.6
H	Transportation and storage	181 041	194 450	107.4	4.2	4.2
I	Accommodation and food service activities	320 590	341 695	106.6	7.5	7.3
J	Information and communication	159 863	172 042	107.6	3.7	3.7
K	Financial and insurance activities	175 962	186 072	105.7	4.1	4.0
L	Real estate activities	245 290	251 044	102.3	5.7	5.4
M	Professional, scientific and technical activities	111 167	139 219	125.2	2.6	3.0
N	Administrative and support service activities	88 298	98 108	111.1	2.1	2.1
O	Public administration and defense; compulsory social security	307 202	314 721	102.4	7.1	6.7
P	Education	172 485	178 297	103.4	4.0	3.8
Q	Human health and social work activities	159 493	165 503	103.8	3.7	3.5
R	Arts, entertainment and recreation	61 084	84 407	138.2	1.4	1.8
S+T	Other service activities; Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	43 507	44 367	102.0	1.0	1.0
U	Activities of extraterritorial organizations and bodies	...	...	...	...	...
Total		3 518 560	3 816 137	108.5	81.8	81.8
Taxes on products less subsidies on products		780 531	846 993	108.5	18.2	18.2
GROSS DOMESTIC PRODUCT (current prices)		4 299 091	4 663 130	108.5	100.0	100.0

¹ Nominal growth rate = (GDP at current prices in current year / GDP at constant prices in current year) * 100

Table 4: Gross domestic product at current and constant prices, 2018

Classification of activities		Gross value added (in thous. EUR)		
		Current prices 2017	Current prices 2018	Constant prices 2018
A	Agriculture, forestry and fishing	294 655	313 933	304 406
B	Mining and quarrying	59 443	50 434	51 872
C	Manufacturing	165 395	185 761	180 276
D	Electricity, gas, steam and air conditioning supply	97 239	164 175	157 625
E	Water supply; sewerage, waste management and remediation activities	75 600	76 295	76 244
F	Construction	241 227	266 364	267 520
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	559 020	589 250	585 451
H	Transportation and storage	181 041	194 450	192 007
I	Accommodation and food service activities	320 590	341 695	343 719
J	Information and communication	159 863	172 042	165 630
K	Financial and insurance activities	175 962	186 072	175 346
L	Real estate activities	245 290	251 044	248 380
M	Professional, scientific and technical activities	111 167	139 219	121 797
N	Administrative and support service activities	88 298	98 108	95 892
O	Public administration and defense; compulsory social security	307 202	314 721	314 003
P	Education	172 485	178 297	174 555
Q	Human health and social work activities	159 493	165 503	164 642
R	Arts, entertainment and recreation	61 084	84 407	65 665
S+T	Other service activities; Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	43 507	44 367	45 099
U	Activities of extraterritorial organizations and bodies	...	...	...
Total		3 518 560	3 816 137	3 730 130
Taxes on products less subsidies on products		780 531	846 993	787 264
GROSS DOMESTIC PRODUCT (current prices)		4 299 091	4 663 130	4 517 394

Table 5: Structure of gross value added and gross domestic product at constant prices, 2018

Classification of activities		Gross value added (in thous. EUR)	GDP structure (%)
		2018	2018
A	Agriculture, forestry and fishing	304 406	6.7
B	Mining and quarrying	51 872	1.1
C	Manufacturing	180 276	4.0
D	Electricity, gas, steam and air conditioning supply	157 625	3.5
E	Water supply; sewerage, waste management and remediation activities	76 244	1.7
F	Construction	267 520	5.9
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	585 451	13.0
H	Transportation and storage	192 007	4.3
I	Accommodation and food service activities	343 719	7.6
J	Information and communication	165 630	3.7
K	Financial and insurance activities	175 346	3.9
L	Real estate activities	248 380	5.5
M	Professional, scientific and technical activities	121 797	2.7
N	Administrative and support service activities	95 892	2.1
O	Public administration and defense; compulsory social security	314 003	7.0
P	Education	174 555	3.9
Q	Human health and social work activities	164 642	3.6
R	Arts, entertainment and recreation	65 665	1.5
S+T	Other service activities; Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	45 099	1.0
U	Activities of extraterritorial organizations and bodies	...	...
Total		3 730 130	82.6
Taxes on products less subsidies on products		787 264	17.4
GROSS DOMESTIC PRODUCT (constant prices)		4 517 394	100.0

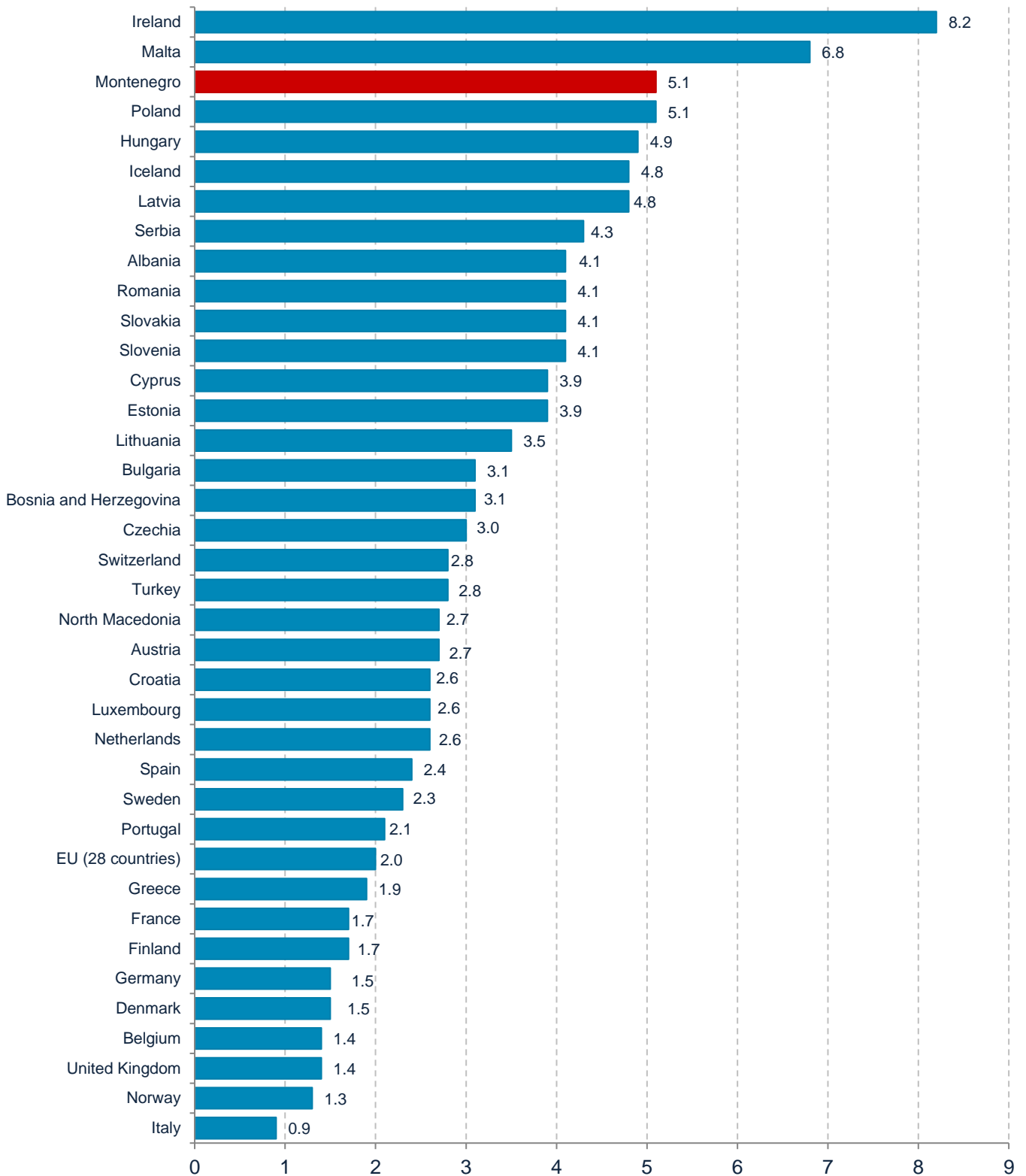
Table 6: Structure of gross domestic product by type of expenditure at current prices, 2017 - 2018

Expenditure categories		Value (in thous. EUR)		GDP structure (%)	
		2017	2018	2017	2018
1 = (1.1+1.2)	Final consumption expenditure	4 007 689	4 287 489	93.2	91.9
1.1	Households final consumption expenditure (HFCE)	3 215 527	3 424 602	74.8	73.4
1.2 = (a+b)	Government final consumption expenditure (GFCE)	792 162	862 887	18.4	18.5
a)	<i>individual</i>	366 004	410 496	8.5	8.8
b)	<i>collective</i>	426 158	452 391	9.9	9.7
2	Gross fixed capital formation (GFCF)	1 157 403	1 363 930	26.9	29.2
3	Changes in inventories	141 903	124 301	3.3	2.7
4 = (4.1-4.2)	Net export / import	-1 007 904	-1 112 590	-23.4	-23.9
4.1 = (a+b)	Exports of goods and services	1 765 000	1 999 317	41.1	42.9
a)	<i>export of goods</i>	382 449	436 060	8.9	9.4
b)	<i>export of services</i>	1 382 551	1 563 258	32.2	33.5
4.2 = (a+b)	Import of goods and services	2 772 904	3 111 907	64.5	66.7
a)	<i>imports of goods</i>	2 242 513	2 485 232	52.2	53.3
b)	<i>imports of services</i>	530 391	626 675	12.3	13.4
5 = (1+2+3+4)	GROSS DOMESTIC PRODUCT (current prices)	4 299 091	4 663 130	100.0	100.0

Table 7: Structure of gross domestic product by type of expenditure at constant prices, 2016 - 2017

Expenditure categories		Value (in thous. EUR)		GDP structure (%)	
		2017	2018	2017	2018
1 = (1.1+1.2)	Final consumption expenditure	3 919 302	4 205 180	94.7	93.1
1.1	Households final consumption expenditure (HFCE)	3 154 502	3 363 138	76.2	74.4
1.2 = (a+b)	Government final consumption expenditure (GFCE)	764 800	842 042	18.5	18.6
a)	<i>individual</i>	354 411	396 626	8.6	8.8
b)	<i>collective</i>	410 388	445 416	9.9	9.9
2	Gross fixed capital formation (GFCF)	1 161 669	1 327 030	28.1	29.4
3	Changes in inventories	129 700	127 545	3.1	2.8
4 = (4.1-4.2)	Net export / import	-1 069 959	-1 142 360	-25.8	-25.3
4.1 = (a+b)	Exports of goods and services	1 634 230	1 886 693	39.5	41.8
a)	<i>export of goods</i>	348 934	429 789	8.4	9.5
b)	<i>export of services</i>	1 285 297	1 456 904	31.0	32.3
4.2 = (a+b)	Import of goods and services	2 704 190	3 029 053	65.3	67.1
a)	<i>imports of goods</i>	2 181 755	2 414 412	52.7	53.4
b)	<i>imports of services</i>	522 435	614 641	12.6	13.6
5 = (1+2+3+4)	GROSS DOMESTIC PRODUCT (constant prices)	4 140 711	4 517 394	100.0	100.0

Graph 1: Comparative review of real growth rates of GDP (%), 2018



Data on real growth rates of GDP are published by Eurostat and can be found on the website:
<http://ec.europa.eu/eurostat/tgm/printTable.do?tab=table&plugin=1&language=en&pcode=tec00115&printPreview=true#>

METHODOLOGICAL NOTES

Methodological concepts, definitions and classifications

Applied methodology is harmonized with the System of National Accounts (SNA 2008) and European system of accounts (ESA 2010).

ESA 2010 defines the concepts, definitions and accounting rules which applied in the compilation of national accounts in order to reach international comparability of data. ESA 2010 presents the set of inter-related and consistent tables, accounts, classifications and the balances which represents statistical and documentation basis for the monitoring of economic activity.

Gross domestic product (GDP) measures the total value of the goods and services produced by resident institutional units.

The classification of economic units by activity is in line with the national Classification of Activities that is harmonized with the Classification of Economic Activities in the European Community (NACE Rev.2).

Compilation methodology

Statistical Office compile GDP by production and expenditure approaches which are mutually independent.

The GDP calculation includes all activities within the production frame defined by SNA 2008 and ESA 2010 methodologies and covers the whole territory of Montenegro.

The estimate of non-observed economy is partially included in compilation of GDP.

Production approach

The main categories of GDP compilation by production approach are:

Gross output is defined as a market value of produced goods and services. It is calculated by activities at approximate basic prices, since all subsidies are treated as subsidies on products and included into calculation on the level of national economy.

Intermediate consumption at purchase prices is the value of goods and services, which are transformed, used and consumed in the production process.

Gross value added is the value of gross output less the value of intermediate consumption.

Gross domestic product at market prices is the value of all goods and services produced by resident units, i.e.. the sum of gross value added by activities and taxes on products less subsidies on products.

In compilation of intermediate consumption by activities is included the value of financial intermediation services indirectly measured (FISIM) which increase level of harmonization of GDP compilation in line with European standards.

Current prices

Gross value added calculation at current prices is mostly based on annual financial reports (Income statements and Statistical annex) of enterprises and other legal entities and results from regular statistical surveys.

The data quality of annual financial reports was checked and partially corrected on the basis of data from statistical surveys in agriculture, industry, construction, wholesale and retail trade, tourism, transport and other statistics. Additionally it was used administrative data obtained from Central Bank of Montenegro, Tax authorities, Customs administration and Ministry of Finance.

The used data were adjusted according to the requirements of ESA 2010 methodology, while in certain cases particularly estimation were made on the basis of available data.

Constant prices

GDP calculation by production approach is also done at constant prices. For activity Agricultural, forestry and fishing compilation at constant prices is done by double deflation method and for all other activities calculation is done by applying single extrapolation method.

Expenditure approach

Current prices

The GDP compilation by expenditure approach at current prices is based on the data from regular statistical surveys of Statistical Office, Ministry of Finance, Central Bank of Montenegro, Customs administration and Tax authorities.

Final consumption expenditure of households was calculated on the basis of data from regular statistical surveys of Statistical Office as well as on data from various administrative sources. COICOP classification on 4-digit level is applied. Commodity flow approach is used for estimation of final consumption expenditure of households which represent balance of all goods and services flows that are produced and imported from one side and used and exported on the other side.

Data on Government expenditures were based on data from Ministry of Finance and Budgetary Report of Montenegro. Individual government final consumption includes expenditures on education, health, social security and welfare and sport, culture and recreation. Remained expenditures of the government are related to collective consumption (general public services, military and civil defence with ministry, residential and communal services. etc).

Gross fixed capital formation data are compiled by Commodity flow approach and using data from regular statistical surveys and financial reports of enterprises.

Data on exports and imports of services are based on the Balance of Payment data of Central Bank of Montenegro.

Constant prices

GDP calculation by expenditure approach is also done at constant prices. On the basis of available data it is carried out extrapolation method for expenditure component: Government final consumption expenditure and for others expenditure components calculation is done by applying deflation method.

Detail data series according ESA 2010 at current and constant prices are presented on the Statistical Office website www.monstat.org

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