

Gross domestic product of Montenegro *in 2020*

Real growth rate of gross domestic product for 2020 is -15.3%.

This release presents results of gross domestic product (GDP) for Montenegro for the 2020 by the production and expenditure approach, at current and constant prices, by ESA 2010 methodology.

Gross domestic product of Montenegro in 2020 is 4 186 million EUR while for 2019 it was 4 951 million EUR.

Gross domestic product per capita in 2020 was 6 737 EUR while in 2019 it was 7 959 EUR.

Table 1. Gross domestic product

	2019	2020
1. Gross domestic product at current prices, mill. EUR	4 951	4 186
2. Population (in thous.)	622.0	621.3
3. Gross domestic product per capita in EUR <i>3 = (1/2)</i>	7 959	6 737
4. Gross domestic product at constant prices (at prices of previous year), mill. EUR	4 853	4 193
5. Real growth rate of GDP (%) <i>(GDP at constant prices in current year / GDP at constant prices in previous year) x 100 - 100</i>	4.1	-15.3
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>	6.2	-15.5
7. Deflator (%) <i>(GDP at current prices in current year / GDP at constant prices in current year) x 100 - 100</i>	2.0	-0.2

Table 2. Gross output and gross value added at current prices
2019 – 2020

In thous. EUR

Classification of activities		Gross output		Intermediate consumption		Gross value added	
		2019	2020	2019	2020	2019	2020
A	Agriculture, forestry and fishing	519 596	515 578	203 055	199 364	316 541	316 214
B	Mining and quarrying	114 360	115 604	52 601	49 492	61 760	66 112
C	Manufacturing	588 081	512 370	404 010	340 329	184 071	172 041
D	Electricity, gas, steam and air conditioning supply	351 854	373 729	200 634	219 695	151 220	154 034
E	Water supply; sewerage, waste management and remediation activities	120 892	110 127	37 715	32 771	83 178	77 356
F	Construction	1 315 175	1 109 536	996 881	855 201	318 294	254 335
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	1 125 944	995 939	506 119	453 690	619 826	542 249
H	Transportation and storage	463 300	328 091	262 757	180 335	200 543	147 756
I	Accommodation and food service activities	778 268	229 040	391 977	146 220	386 290	82 820
J	Information and communication	325 320	286 174	144 264	119 745	181 055	166 428
K	Financial and insurance activities	313 524	303 953	126 968	125 995	186 556	177 958
L	Real estate activities	381 992	373 062	107 983	107 537	274 009	265 525
M	Professional, scientific and technical activities	363 711	342 390	210 108	181 955	153 603	160 435
N	Administrative and support service activities	217 775	127 345	114 164	51 198	103 611	76 147
O	Public administration and defense; compulsory social security	488 966	494 809	156 881	167 355	332 085	327 454
P	Education	211 081	212 832	29 729	23 597	181 352	189 235
Q	Human health and social work activities	253 066	276 442	86 452	92 306	166 613	184 136
R	Arts, entertainment and recreation	171 868	149 475	100 822	85 922	71 046	63 554
S+T	Other service activities; Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use	85 595	72 067	34 902	28 309	50 693	43 758
U	Activities of extraterritorial organizations and bodies	...	...	...	...	...	...
Total		8 190 369	6 928 564	4 168 023	3 461 015	4 022 346	3 467 548
Taxes on products less subsidies on products						928 371	718 005
GROSS DOMESTIC PRODUCT (current prices)						4 950 717	4 185 553

Table 3. Index of nominal growth, structure of gross value added and gross domestic product at current prices, 2019 - 2020

Classification of activities		Gross value added (in thous. EUR)		Index of nominal growth ¹	GDP structure (%)	
		2019	2020		2019	2020
A	Agriculture, forestry and fishing	316 541	316 214	99.9	6.4	7.6
B	Mining and quarrying	61 760	66 112	107.0	1.2	1.6
C	Manufacturing	184 071	172 041	93.5	3.7	4.1
D	Electricity, gas, steam and air conditioning supply	151 220	154 034	101.9	3.1	3.7
E	Water supply; sewerage, waste management and remediation activities	83 178	77 356	93.0	1.7	1.8
F	Construction	318 294	254 335	79.9	6.4	6.1
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	619 826	542 249	87.5	12.5	13.0
H	Transportation and storage	200 543	147 756	73.7	4.1	3.5
I	Accommodation and food service activities	386 290	82 820	21.4	7.8	2.0
J	Information and communication	181 055	166 428	91.9	3.7	4.0
K	Financial and insurance activities	186 556	177 958	95.4	3.8	4.3
L	Real estate activities	274 009	265 525	96.9	5.5	6.3
M	Professional, scientific and technical activities	153 603	160 435	104.4	3.1	3.8
N	Administrative and support service activities	103 611	76 147	73.5	2.1	1.8
O	Public administration and defense; compulsory social security	332 085	327 454	98.6	6.7	7.8
P	Education	181 352	189 235	104.3	3.7	4.5
Q	Human health and social work activities	166 613	184 136	110.5	3.4	4.4
R	Arts, entertainment and recreation	71 046	63 554	89.5	1.4	1.5
S+T	Other service activities; Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	50 693	43 758	86.3	1.0	1.0
U	Activities of extraterritorial organizations and bodies	...	...	...	...	...
Total		4 022 346	3 467 548	86.2	81.2	82.8
Taxes on products less subsidies on products		928 371	718 005	77.3	18.8	17.2
GROSS DOMESTIC PRODUCT (current prices)		4 950 717	4 185 553	84.5	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
2020

Classification of activities		Gross value added (in thous. EUR)		
		Current prices 2019	Current prices 2020	Constant prices 2020
A	Agriculture, forestry and fishing	316 541	316 214	320 141
B	Mining and quarrying	61 760	66 112	65 229
C	Manufacturing	184 071	172 041	168 591
D	Electricity, gas, steam and air conditioning supply	151 220	154 034	148 889
E	Water supply; sewerage, waste management and remediation activities	83 178	77 356	75 965
F	Construction	318 294	254 335	261 106
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	619 826	542 249	525 654
H	Transportation and storage	200 543	147 756	162 028
I	Accommodation and food service activities	386 290	82 820	98 809
J	Information and communication	181 055	166 428	169 951
K	Financial and insurance activities	186 556	177 958	182 358
L	Real estate activities	274 009	265 525	267 487
M	Professional, scientific and technical activities	153 603	160 435	145 779
N	Administrative and support service activities	103 611	76 147	79 739
O	Public administration and defense; compulsory social security	332 085	327 454	316 061
P	Education	181 352	189 235	183 166
Q	Human health and social work activities	166 613	184 136	159 794
R	Arts, entertainment and recreation	71 046	63 554	68 841
S+T	Other service activities; Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	50 693	43 758	44 854
U	Activities of extraterritorial organizations and bodies	...	...	...
Total		4 022 346	3 467 548	3 444 442
Taxes on products less subsidies on products		928 371	718 005	748 474
GROSS DOMESTIC PRODUCT (current prices)		4 950 717	4 185 553	4 192 916

Table 5. Structure of gross value added and gross domestic product at constant prices
2020

Classification of activities		Gross value added (in thous. EUR)	GDP structure (%)
		2020	2020
A	Agriculture, forestry and fishing	320 141	7.6
B	Mining and quarrying	65 229	1.6
C	Manufacturing	168 591	4.0
D	Electricity, gas, steam and air conditioning supply	148 889	3.6
E	Water supply; sewerage, waste management and remediation activities	75 965	1.8
F	Construction	261 106	6.2
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	525 654	12.5
H	Transportation and storage	162 028	3.9
I	Accommodation and food service activities	98 809	2.4
J	Information and communication	169 951	4.1
K	Financial and insurance activities	182 358	4.3
L	Real estate activities	267 487	6.4
M	Professional, scientific and technical activities	145 779	3.5
N	Administrative and support service activities	79 739	1.9
O	Public administration and defense; compulsory social security	316 061	7.5
P	Education	183 166	4.4
Q	Human health and social work activities	159 794	3.8
R	Arts, entertainment and recreation	68 841	1.6
S+T	Other service activities; Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	44 854	1.1
U	Activities of extraterritorial organizations and bodies	...	...
Total		3 444 442	82.1
Taxes on products less subsidies on products		748 474	17.9
GROSS DOMESTIC PRODUCT (constant prices)		4 192 916	100.0

**Table 6. Structure of gross domestic product by type of expenditure at current prices,
2019 - 2020**

Expenditure categories		Value (in thous. EUR)		GDP structure (%)	
		2019	2020	2019	2020
1 = (1.1+1.2)	Final consumption expenditure	4 414 728	4 345 703	89.2	103.8
1.1	Households final consumption expenditure (HFCE)	3 533 604	3 399 698	71.4	81.2
1.2 = (a+b)	Government final consumption expenditure (GFCE)	881 124	946 006	17.8	22.6
a)	<i>individual</i>	410 405	465 847	8.3	11.1
b)	<i>collective</i>	470 719	480 159	9.5	11.5
2	Gross fixed capital formation (GFCF)	1 351 813	1 166 087	27.3	27.9
3	Changes in inventories	231 317	139 235	4.7	3.3
4 = (4.1-4.2)	Net export / import	-1 047 141	- 1 465 473	-21.2	-35.0
4.1 = (a+b)	Exports of goods and services	2 170 723	1 088 105	43.8	26.0
a)	<i>export of goods</i>	465 549	408 968	9.4	9.8
b)	<i>export of services</i>	1 705 174	679 138	34.4	16.2
4.2 = (a+b)	Import of goods and services	3 217 864	2 553 578	65.0	61.0
a)	<i>imports of goods</i>	2 531 106	2 050 985	51.1	49.0
b)	<i>imports of services</i>	686 758	502 593	13.9	12.0
5 = (1+2+3+4)	GROSS DOMESTIC PRODUCT (current prices)	4 950 717	4 185 553	100.0	100.0

**Table 7. Structure of gross domestic product by type of expenditure at constant prices,
2019 - 2020**

Expenditure categories		Value (in thous. EUR)		GDP structure (%)	
		2019	2020	2019	2020
1 = (1.1+1.2)	Final consumption expenditure	4 400 923	4 257 412	90.7	101.5
1.1	Households final consumption expenditure (HFCE)	3 529 480	3 369 443	72.7	80.4
1.2 = (a+b)	Government final consumption expenditure (GFCE)	871 443	887 968	18.0	21.2
a)	<i>individual</i>	411 667	413 978	8.5	9.9
b)	<i>collective</i>	459 775	473 990	9.5	11.3
2	Gross fixed capital formation (GFCF)	1 340 622	1 190 266	27.6	28.4
3	Changes in inventories	192 290	180 515	4.0	4.3
4 = (4.1-4.2)	Net export / import	-1 081 243	-1 435 276	-22.3	-34.2
4.1 = (a+b)	Exports of goods and services	2 115 288	1 136 509	43.6	27.1
a)	<i>export of goods</i>	466 296	449 168	9.6	10.7
b)	<i>export of services</i>	1 648 992	687 341	34.0	16.4
4.2 = (a+b)	Import of goods and services	3 196 532	2 571 785	65.9	61.3
a)	<i>imports of goods</i>	2 512 816	2 070 318	51.8	49.4
b)	<i>imports of services</i>	683 716	501 467	14.1	12.0
5 = (1+2+3+4)	GROSS DOMESTIC PRODUCT (constant prices)	4 852 591	4 192 916	100.0	100.0

Graph 1. Comparative review of real growth rates of GDP (%)

2020



Data on real growth rates of GDP are published by Eurostat and can be found on the website: <http://ec.europa.eu/eurostat/databrowser/view/tec00115/default/table?lang=en>

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, Revenue and Customs Administration and Ministry of Finance and Social Welfare

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 and Social Welfare, Central Bank of Montenegro, Revenue and Customs Administration.

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 Social welfare 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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