



Montenegro

A DECADE  
OF INDEPENDENCE  
A MILLENNIUM  
OF STATEHOOD  
MONTENEGRO  
2016



May Montenegro live forever

Government of Montenegro  
Statistical Office of Montenegro

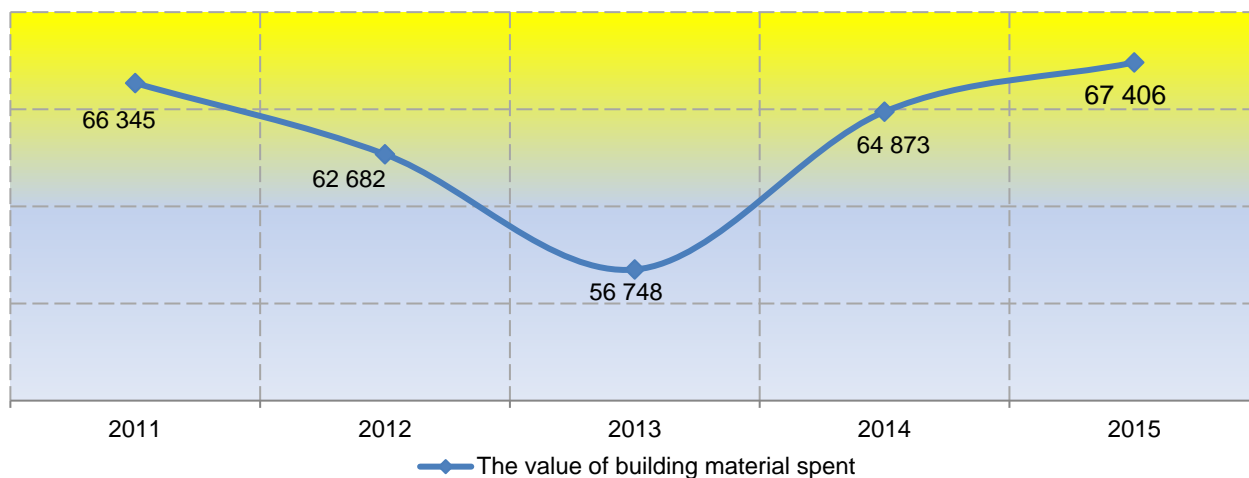
## Release

### Annual release on consumption of building material, electricity and gas 2015

The annual release on the consumption of building material, electricity, and gas covers material and energy resources used by all contractors (construction and non-construction enterprises) for construction of objects, maintenance, repair and operation of machinery and motor pool, heating, as well as for stationery and other supplies.

The value of building material spent in 2015 in Montenegro is EUR 67.4 mil EUR representing the increase of 3.9% compared with 2014.

Graph 1: Total value of building material spent, in thousand €



**Table 1. Quantity and value of spent building material, electricity and gas, Montenegro**

Type of material	Unit of measurement	Quantity of building material spent	Value of building material spent, in thousand €	Quantity of building material spent	Value of building material spent, in thousand €
		2014		2015	
<b>Building elements</b>					
Solid brick	Thous.pcs	1 649	334	1 352	263
Perforated brick	Thous.pcs	625	220	969	300
Solid facade brick	Thous.pcs	847	282	124	55
Hollow clay blocks	Thous.pcs	1 365	644	1 588	560
Facade blocks	Thous.pcs	704	424	593	289
Brick and blocks, based on cement, slag and dross	Thous.pcs	1 002	503	1 338	557
Brick and blocks made from other materials (kermesite, "siporex")	Thous.pcs	21	27	88	40
<b>Elements for ceilings and arches</b>					
Floor bricks and inserting bricks	Thous.pcs	58	41	113	61
Beams, half-assembly and assembly for arches (clay elements)	Thous.m	9	18	23	40
Blocks for ceilings and arches (on the basis of cement)	Thous.pcs	3	3	10	10
<b>Prefabricated elements and finished constructions</b>					
Light building boards for outside walls	m <sup>2</sup>	1 436	11	1 100	5
Boards for walls facing	m <sup>2</sup>	1 584	72	1 535	69
Light building boards for partition walls	m <sup>2</sup>	9 544	107	12 748	129
Light building boards for ceilings	m <sup>2</sup>	7 970	89	9 696	100
Light building isolation boards	m <sup>2</sup>	6 659	98	7 112	106
Plaster boards, all types	m <sup>2</sup>	60 319	228	65 831	279
Other steel constructions, all types (roofs, pillars, frames, scaffoldings and similar)	t	356	375	338	360
Building constructions and prefabricated elements for civil engineering	t	1 583	659	1 913	682
High buildings prefabricated constructions elements	t	76	11	86	16
Wooden construction (finished roof constructions )	m <sup>3</sup>	286	49	295	50
<b>Binder material</b>					
Quicklime	t	426	88	635	107
Lime, hydrated	t	507	111	519	108
Plaster, baked	t	209	58	248	69
Portland cement	t	18 560	1 795	18 386	1 784
Cement, other types	t	2 187	335	3 262	584
Plastic building materials	t	1 144	343	1 054	330
Cement mortars, all types	m <sup>3</sup>	4 718	552	5 628	583
Concrete, fresh	m <sup>3</sup>	166 192	12 115	167 397	12 310
Asphalt	t	75 690	6 462	75 820	6 626

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Type of material	Unit of measurement	Quantity of building material spent	Value of building material spent, in thousand €	Quantity of building material spent	Value of building material spent, in thousand €
		2014		2015	
<b>Aggregates and profiled material of stone</b>					
Profiled material of stone (curb stone, fence, stone cube, etc.)	m <sup>3</sup>	217	70	475	143
Crashed technical stone and marble, all types	m <sup>3</sup>	899	41	1 323	56
Broken stone and small size stone	m <sup>3</sup>	15 989	289	15 945	282
Aggregates for concrete	m <sup>3</sup>	194 671	3 034	201 593	3 290
Gravel	m <sup>3</sup>	38 324	532	39 199	743
Sand	m <sup>3</sup>	43 253	660	47 795	720
Terrazzo- granulates	t	250	11	300	12
<b>Reinforcing and attaching material</b>					
Concrete steel	t	5 917	1 992	5 872	1 614
Wire, black and galvanized	kg	26 722	57	27 049	65
Other iron sections, heavy, medium and light	t	648	460	854	575
Various elements for reinforced concrete (reinforcing nets, wall canvas)	t	9 159	5 005	10 542	5 403
Nails	kg	87 058	138	95 895	151
<b>Timber</b>					
Timber, conifer (sawn, hewn)	m <sup>3</sup>	8 159	1 119	7 680	1 063
Timber, conifer (round)	m <sup>3</sup>	50	10	348	50
Timber, deciduous (sawn and hewn)	m <sup>3</sup>	284	24	158	24
Timber, deciduous (round)	m <sup>3</sup>	-	-	104	10
Boards for panelling	m <sup>3</sup>	3 147	669	3 416	683
Mining wood	m <sup>3</sup>	227	38	200	29
<b>Isolation material and coatings</b>					
Roofing boards, all types	roll	3 668	163	3 206	131
Bitumen, bitulit, bituminous jute, strips, matters, emulsions...	t	3 090	1 552	2 811	1 270
Expanded polystyrene	kg	49 704	153	52 104	189
Other isolation materials (glass wool, mineral wool. etc.)	t	447	181	641	216
Paints (all types), varnishes, enamels, dissolvent etc.	kg	93 725	206	85 599	246
<b>Roofing material</b>					
Corrugated and plane sheets of "salonite" and asbestos	m <sup>3</sup>	881	22	650	11
Plane, corrugated and interlocking title	Thous.pcs	243	140	431	182
Other roofing material (concrete tiles, plastic boards)	m <sup>2</sup>	4 364	73	4 877	83

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		2014		2015	
<b>Material for floor wall covering</b>					
Vinyl and asbestos boards and other artificial flooring masses	t	76	11	83	18
Ceramic tiles (wall, floor and facade)	m <sup>2</sup>	81 075	674	80 937	667
Ceramic and marble facing boards	m <sup>2</sup>	6 977	187	9 916	367
Tiles of grinded stone and marble	m <sup>2</sup>	1 345	33	2 636	66
Terrazzo boards	m <sup>2</sup>	685	11	687	10
Plywood, panel, fibreboard and other wood based boards	m <sup>2</sup>	1 284	10	2 250	16
Parquet (breech, oak and other)	m <sup>2</sup>	27 667	517	32 677	627
Laminated parquet	m <sup>2</sup>	6 256	81	8 789	133
Ceiling and wall panelling	m <sup>2</sup>	2 521	44	2 511	41
Plastic boards for walls	m <sup>2</sup>	479	11	466	10
Wallpapers, all types	m <sup>2</sup>	772	33	868	39
<b>Material for plumping, sewerage system, heating, ventilation, for sanitary facilities</b>					
Pipes, seamless	kg	5 142	38	5 000	35
Pipes, seamed	kg	49 307	41	58 823	71
Cast iron pipes and fittings	kg	54 168	347	24 534	217
Pipes, plastic, all types	kg	120 885	366	128 246	490
Pipe fittings and flanges	kg	15 639	82	17 495	93
Ceramics, sewage tubes	t	54	65	32	60
Pipes, concrete, all types	t	1 431	348	2 117	362
Ceramics, sanitary	piece	11 722	340	15 646	442
Sanitary equipment, of plate and cast iron	piece	696	11	135	6
Plastics sanitary equipment	piece	800	2	996	12
Other ceramic for construction (tiles for stoves and fireplaces, technical ceramic, etc.)	piece	337	33	346	34
Heating furnaces	piece	10	3	13	8
Radiators, all types	m <sup>2</sup>	2 803	139	2 779	132
<b>Material for power supply installations</b>					
Ropes and wires, copper	kg	22 703	162	17 873	148
Wire, of aluminium and aluminium alloys	kg	6 394	50	7 914	82
Ropes, of aluminium and Ferro – aluminium	kg	609	11	593	9
Conductors, insulated (poly - vinyl chloride, rubber etc.)	m	20 969	27	25 164	54
Cables, all types	m	879 544	1 145	832 493	1 101
Installation material (switches, plugs, boxes, lamp holders)	Eur,thous.	-	328	-	277
Electric insulators, all types	t	339	376	132	114

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		2014		2015	
<b>Other material and elements for incorporating</b>					
Rails and accessories	t	-	-	12	8
Plates and sheets, black	kg	28 335	25	22 062	20
Zinc galvanized plates and sheets	kg	37 298	157	35 330	150
Aluminium plates and sheets	kg	5 084	13	4 669	13
Glass, heat insulation	m <sup>2</sup>	3 718	64	3 480	61
Glass sheets, other types	m <sup>2</sup>	3 848	29	5 336	37
Non-ferrous metals joinery (windows, doors, blinds)	t	3	8	18	20
Building metal elements (iron sheet pipes and chimneys, steel windows, doors, Venetian blinds)	t	46	37	44	36
Doors and windows, wooden, all types	piece	5 159	917	6 710	966
Material for fitting in (built-in furniture, window blinds)	EUR thousand	-	98	-	117
Other material not mentioned elsewhere (for repairs, machinery and vehicles maintenance, stationery and other)	EUR thousand	-	283	-	262
<b>Consumed power material</b>					
Bitumen	t	2 012	1 024	3 820	1 463
Motor petrol for transport	t	111	127	204	246
Motor petrol for drive	t	13	11	16	17
Diesel petrol for transport	t	7 380	7 828	8 857	8 286
Diesel petrol for drive	t	3 852	3 902	3 964	3 953
Gas/Diesel oil and fuel oil	t	551	566	504	471
Coal, all types	t	22	11	10	3
Other petroleum products	t	11	22	1	2
Other fuels	l	5 340	9	4 615	3
Electricity	MWh	16 404	1 523	17 769	1 818

## METHODOLOGICAL EXPLANATIONS

### Data source and coverage

The annual release on the consumption of building material, electricity, and gas are realised on a sample basis. The frame for a sample is enterprises with 5 and more employees who are in a statistical business register according to the Classification of activities classified in sector F – Construction, as well as companies (KAU), whose business units engaged in construction works. Survey covers all large and medium enterprises (class 2 and 3), while small enterprises (class 1) is selected by random simple sample.

### Definitions

The consumption of building material and fuel is presented for the total construction enterprise submitting the report, including also the consumption of electricity and material for heating for joint services. Non-construction enterprises report the consumption of building material only for business units, as well as the consumption of fuel and other material for their needs.

The type of material is presented based on the records kept by material accounting, regardless if the reporting unit purchased or produced the material by itself.

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