

Consumption of construction and propulsion materials 2020. godina^(p)

The annual release on the consumption of construction and propulsion materials covers material and energy resources used by 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 2020 in Montenegro is EUR 164.4 mil EUR representing the decrease of 7.6% compared with 2019.

Graph 1. Total value of construction and propulsion material spent, in thous. EUR

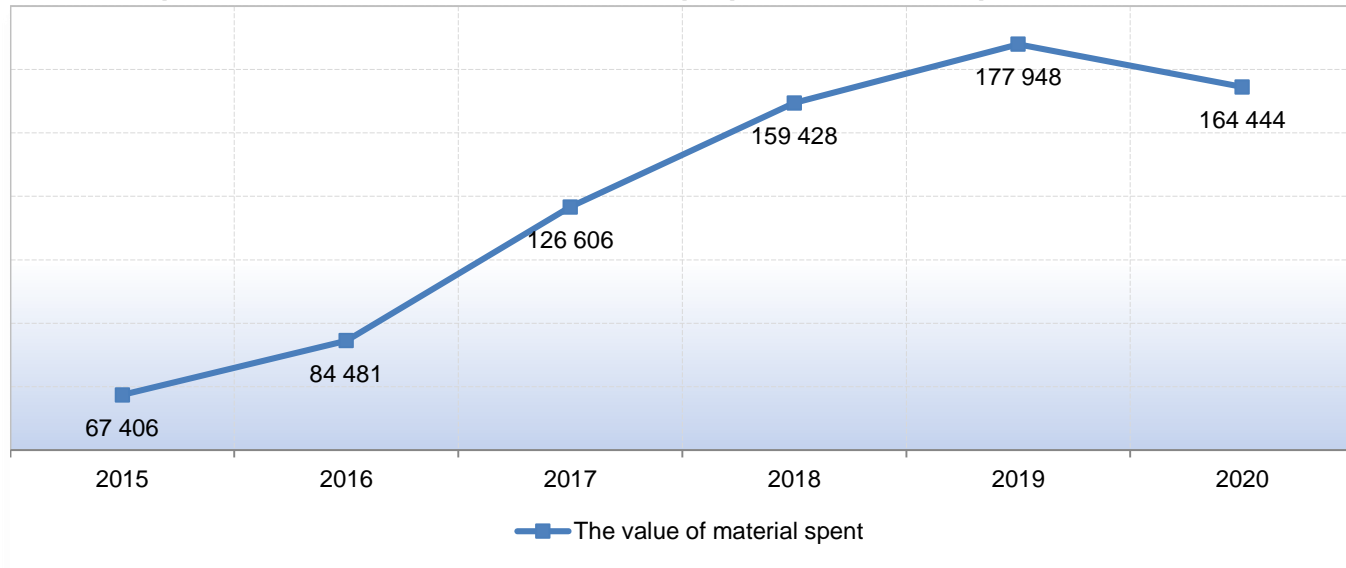


Table 1. Quantity and value of spent construction materials, Montenegro

Type of material	Unit of measurement	2019		2020	
		Quantity of spent construction materials	Value of spent construction materials, u thous. EUR	Quantity of spent construction materials	Value of spent construction materials, u thous. EUR
Building elements					
Solid brick	thous.pcs	1 314	274	1 341	273
Perforated brick	thous.pcs	1 499	345	1 676	589
Solid facade brick	thous.pcs	426	116	313	87
Hollow clay blocks	thous.pcs	1 543	510	1 755	567
Facade blocks	thous.pcs	317	173	200	133
Brick and blocks, based on cement, slag and dross	thous.pcs	1 618	977	1 474	926
Brick and blocks made from other materials (kermesite, "siporex")	thous.pcs	380	186	428	208
Elements for ceilings and arches					
Floor bricks and inserting bricks	thous.pcs	557	389	501	241
Beams, half-assembly and assembly for arches (clay elements)	thous.m	43	43	46	48
Blocks for ceilings and arches (on the basis of cement)	thous.pcs	73	60	85	92
Prefabricated elements and finished constructions					
Light building boards for outside walls	m ²	1257	9	1 255	11
Boards for walls facing	m ²	1105	60	1 090	59
Light building boards for partition walls	m ²	13 795	188	10 602	149
Light building boards for ceilings	m ²	8 335	132	7 499	111
Light building isolation boards	m ²	13 010	281	12 100	264
Plaster boards, all types	m ²	157 548	1 156	165 686	1 207
Steel constructions for bridges	t	48	91	53	101
Other steel constructions, all types (roofs, pillars, frames, scaffoldings and similar)	t	4 921	1 880	5 408	2 043
Building constructions and prefabricated elements for civil engineering	t	8 041	400	9 929	470
High buildings prefabricated constructions elements	t	11 013	758	10 513	722
Wooden construction (finished roof constructions)	m ³	568	70	626	78
Binder material					
Quicklime	t	458	118	418	105
Lime, hydrated	t	1 885	286	1 849	232
Plaster, baked	t	928	97	958	97
Portland cement	t	20 519	2 061	20 612	2 116
Cement, other types	t	23 137	1 993	23 622	2 164
Plastic building materials	t	794	417	772	410
Cement mortars, all types	m ³	22 746	1 326	17 258	1 058
Concrete, fresh	m ³	528 692	35 190	452 597	31 537
Asphalt	t	210 356	20 772	196 462	19 966
Aggregates and profiled material of stone					
Profiled material of stone (curb stone, fence, stone cube, etc.)	m ³	3 449	717	3 905	825
Crashed technical stone and marble, all types	m ³	5 572	412	5 240	504
Broken stone and small size stone	m ³	34 099	610	14 258	285
Aggregates for concrete	m ³	534 905	6 742	500 814	6 646
Gravel	m ³	59 160	1 396	55 061	1 341
Sand	m ³	26 205	338	28 634	417
Terrazzo-granulates	t	960	36	1 035	41

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Reinforcing and attaching material					
Concrete steel	t	25 066	14 612	22 302	12 522
Wire, black and galvanized	kg	80 862	639	55 523	462
Other iron sections, heavy, medium and light	t	2 024	1 087	2 258	1 169
Various elements for reinforced concrete (reinforcing nets, wall canvas)	t	20 222	7 394	12 550	5 413
Nails	kg	127 862	477	111 676	229
Timber					
Timber, conifer (sawn, hewn)	m ³	10 447	1 207	10 048	1 164
Timber, conifer (round)	m ³	2 604	93	2 560	106
Timber, deciduous (sawn and hewn)	m ³	1 967	138	600	37
Timber, deciduous (round)	m ³	701	300	701	300
Boards for panelling	m ³	12 573	324	13 650	368
Mining wood	m ³	40	10	40	10
Isolation material and coatings					
Roofing boards, all types	roll	2 337	65	2 441	62
Bitumen, bitulit, bituminous jute, strips, matters, emulsions...	t	26 119	1 969	20 871	1 520
Expanded polystyrene	kg	120 651	695	98 288	603
Other isolation materials (glass wool, mineral wool. etc.)	t	3 715	1 057	2 558	784
Paints (all types), varnishes, enamels, dissolvent etc.	kg	114 112	1 121	100 040	930
Roofing material					
Corrugated and plane sheets of "salonite" and asbestos	m ³	2 500	40	2 500	40
Plane, corrugated and interlocking title	thous.pcs	325	144	289	135
Other roofing material (concrete tiles, plastic boards)	m ²	1 133	24	1 174	24
Material for floor wall covering					
Vinyl and asbestos boards and other artificial flooring masses	t	10	13	9	12
Ceramic titles (wall, floor and facade)	m ²	92 427	1 422	82 101	1 190
Ceramic and marble facing boards	m ²	14 876	525	16 890	595
Tiles of grinded stone and marble	m ²	4 400	148	3 770	123
Terrazzo boards	m ²	1 600	77	1 427	75
Plywood, panel, fibreboard and other wood based boards	m ²	13 200	169	10 136	117
Parquet (breech, oak and other)	m ²	34 877	925	27 575	631
Laminated parquet	m ²	29 073	773	24 537	608
Ceiling and wall panelling	m ²	4 303	111	4 107	101
Plastic boards for walls	m ²	552	48	565	50
Wallpapers, all types	m ²	880	39	831	37
Material for plumping, sewerage system, heating, ventilation, for sanitary facilities					
Pipes, seamless	kg	10 475	125	7 764	90
Pipes, seamed	kg	101 963	207	90 301	186
Cast iron pipes and fittings	kg	19 555	143	12 177	98
Pipes, plastic, all types	kg	125 152	463	68 998	248
Pipe fittings and flanges	kg	36 366	143	24 490	105

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Ceramics, sewage tubes	t	1	5	7	33
Asbestos - cement pipes	t	80	10	77	9
Pipes, concrete, all types	t	20 315	1 075	19 379	1 016
Ceramics, sanitary	piece	14 023	486	13 634	463
Sanitary equipment, of plate and cast iron	piece	306	15	20	1
Plastics sanitary equipment	piece	2 964	114	1 483	53
Other ceramic for construction (tiles for stoves and fireplaces, technical ceramic, etc.)	piece	536	64	576	66
Heating furnaces	piece	30	37	12	16
Radiators, all types	m ²	800	55	976	71
Material for power supply installations					
Ropes and wires, copper	kg	20 768	271	19 947	262
Wire, of aluminium and aluminium alloys	kg	14 179	200	15 110	228
Ropes, of aluminium and Ferro – aluminium	kg	671	13	684	14
Conductors, insulated (poly - vinyl chloride, rubber etc.)	m	41 497	268	37 767	255
Cables, all types	m	693 785	2 304	683 022	2 241
Installation material (switches, plugs, boxes, lamp holders)	thous. EUR	-	1 356	-	1 964
Electric insulators, all types	t	97	86	109	94
Other material and elements for incorporating					
Rails and accessories	t	19	32	18	31
Plates and sheets, black	kg	53 178	100	52 048	96
Zinc galvanized plates and sheets	kg	83 548	237	90 398	266
Aluminium plates and sheets	kg	11 235	79	11 005	84
Glass, heat insulation	m ²	2 309	102	2 300	101
Glass sheets, other types	m ²	11 800	120	11 400	117
Non-ferrous metals joinery (windows, doors, blinds)	t	110	77	90	63
Building metal elements (iron sheet pipes and chimneys, steel windows, doors, Venetian blinds)	t	23	20	22	19
Doors and windows, wooden, all types	piece	9 641	1 734	9 880	1 755
Material for fitting in (built-in furniture, window blinds)	thous. EUR	-	773	-	851
Other material not mentioned elsewhere (for repairs, machinery and vehicles maintenance, stationery and other)	thous. EUR	-	2 733	-	2 612
Consumed power material					
Bitumen	t	12 235	4 326	12 754	4 567
Motor petrol for transport	t	978	1 233	920	1 140
Motor petrol for drive	t	18	23	14	15
Diesel petrol for transport	t	24 225	27 931	23 953	27 927
Diesel petrol for drive	t	7 271	7 211	5 786	5 415
Gas/Diesel oil and fuel oil	t	972	967	770	658
Other petroleum products	t	1	2	2	4
Other fuels	l	4 674	13	4 571	12
Electricity	MWh	59 200	6 540	51 853	5 658

METHODOLOGICAL EXPLANATIONS

The presented data are collected through survey on consumption of construction and propulsion materials (GRADJ-13). The survey is 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.

The consumption of construction and propulsion materials 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.

Data are published according [Statistical Release Calendar](#).

The last published data are considered preliminary, and becomes final within the defined deadline, as foreseen by the Statistical Release Calendar.

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