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Annual release on consumption of building material, electricity and gas for 2014

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 2014 in Montenegro is EUR 64.8 mil EUR representing the increase of 14.3% compared with 2013.

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

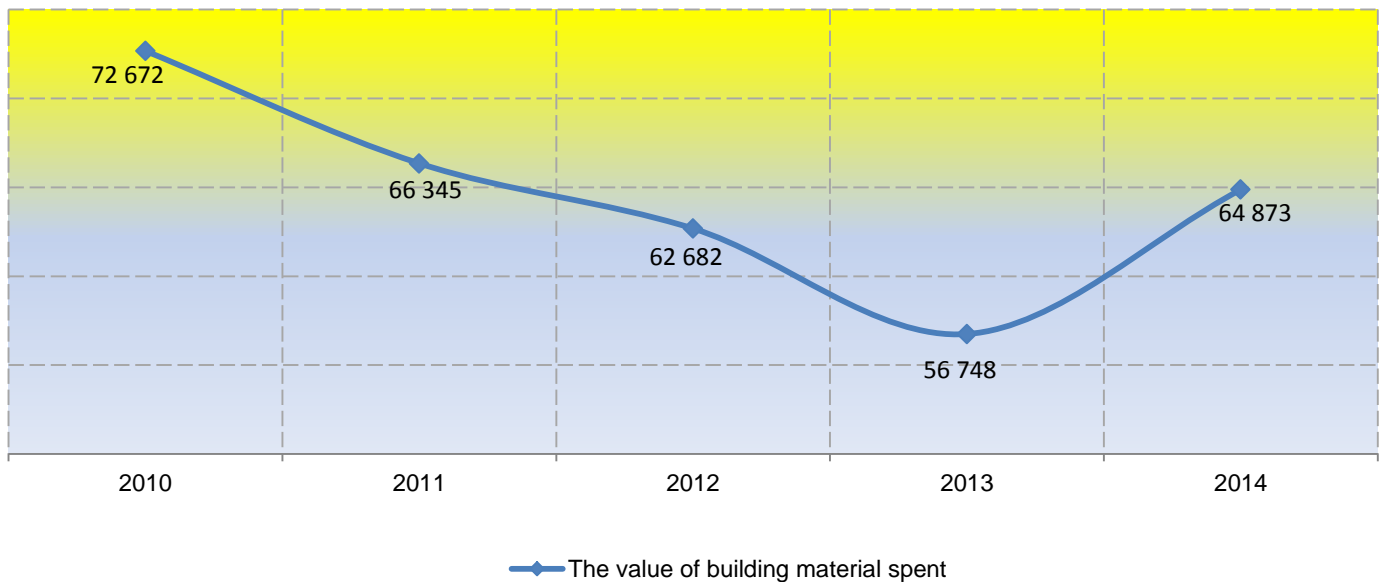


Table 1. Quantity and value of spent building material, electricity and gas, Montenegro

Type of material	Unit of measurement	2013		2014	
		Quantity of building material spent	Value of building material spent, in thous. EUR	Quantity of building material spent	Value of building material spent, in thous. EUR
Building elements					
Solid brick	Thous.pcs	1 416	423	1 649	334
Perforated brick	Thous.pcs	315	130	625	220
Solid facade brick	Thous.pcs	822	312	847	282
Hollow clay blocks	Thous.pcs	1 010	461	1 365	644
Facade blocks	Thous.pcs	417	135	704	424
Brick and blocks, based on cement, slag and dross	Thous.pcs	626	380	1 002	503
Brick and blocks made from other materials (kermesite, "siporex")	Thous.pcs	21	36	21	27
Elements for ceilings and arches					
Floor bricks and inserting bricks	Thous.pcs	81	50	58	41
Beams, half-assembly and assembly for arches (clay elements)	Thous.m	10	17	9	18
Blocks for ceilings and arches (on the basis of cement)	Thous.pcs	-	-	3	3
Prefabricated elements and finished constructions					
Light building boards for outside walls	m ²	1 100	4	1 436	11
Boards for walls facing	m ²	4 735	197	1 584	72
Light building boards for partition walls	m ²	8 955	129	9 544	107
Light building boards for ceilings	m ²	5 640	70	7 970	89
Light building isolation boards	m ²	6 091	94	6 659	98
Plaster boards, all types	m ²	51 008	194	60 319	228
Steel constructions for bridges	t	-	-	-	-
Other steel constructions, all types (roofs, pillars, frames, scaffoldings and similar)	t	347	419	356	375
Building constructions and prefabricated elements for civil engineering	t	1 546	684	1 583	659
High buildings prefabricated constructions elements	t	35	1	76	11
Wooden construction (finished roof constructions)	m ³	151	17	286	49
Binder material					
Quicklime	t	277	71	426	88
Lime, hydrated	t	392	51	507	111
Plaster, baked	t	109	52	209	58
Portland cement	t	14 110	1 344	18 560	1 795
Cement, other types	t	2 306	317	2 187	335
Plastic building materials	t	1 043	307	1 144	343
Cement mortars, all types	m ³	5 948	638	4 718	552
Concrete, fresh	m ³	162 931	10 747	166 192	12 115
Asphalt	t	62 191	5 231	75 690	6 462

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Type of material	Unit of measurement	2013		2014	
		Quantity of building material spent	Value of building material spent, in thous. EUR	Quantity of building material spent	Value of building material spent, in thous. EUR
Aggregates and profiled material of stone					
Profiled material of stone (curb stone, fence, stone cube, etc.)	m ³	170	46	217	70
Crashed technical stone and marble, all types	m ³	1 600	91	899	41
Broken stone and small size stone	m ³	12 176	230	15 989	289
Aggregates for concrete	m ³	109 741	2 493	194 671	3 034
Gravel	m ³	31 359	444	38 324	532
Sand	m ³	37 679	511	43 253	660
Terrazzo- granulates	t	200	4	250	11
Reinforcing and attaching material					
Concrete steel	t	4 915	1 182	5 917	1 992
Wire, black and galvanized	kg	27 716	56	26 722	57
Other iron sections, heavy, medium and light	t	894	870	648	460
Various elements for reinforced concrete (reinforcing nets, wall canvas)	t	7 640	3 698	9 159	5 005
Nails	kg	70 459	101	87 058	138
Timber					
Timber, conifer (sawn, hewn)	m ³	6 125	816	8 159	1 119
Timber, conifer (round)	m ³	92	15	50	10
Timber, deciduous (sawn and hewn)	m ³	104	15	284	24
Timber, deciduous (round)	m ³	-	-	-	-
Boards for panelling	m ³	2 724	826	3 147	669
Mining wood	m ³	180	11	227	38
Sleepers all types	piece	-	-	-	-
Isolation material and coatings					
Roofing boards, all types	roll	3 168	87	3 668	163
Bitumen, bitulit, bituminous jute, strips, matters, emulsions...	t	2 937	1 461	3 090	1 552
Expanded polystyrene	kg	70 372	204	49 704	153
Other isolation materials (glass wool, mineral wool. etc.)	t	765	434	447	181
Paints (all types), varnishes, enamels, dissolvent etc.	kg	76 867	175	93 725	206
Roofing material					
Corrugated and plane sheets of "salonite" and asbestos	m ³	895	18	881	22
Plane, corrugated and interlocking title	Thous .pcs	198	116	243	140
Other roofing material (concrete tiles, plastic boards)	m ²	4 124	73	4 364	73

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		Quantity of building material spent	Value of building material spent, in thous. EUR	Quantity of building material spent	Value of building material spent, in thous. EUR
Material for floor wall covering					
Vinyl and asbestos boards and other artificial flooring masses	t	52	3	76	11
Ceramic tiles (wall, floor and facade)	m ²	87 397	806	81 075	674
Ceramic and marble facing boards	m ²	6 213	221	6 977	187
Tiles of grinded stone and marble	m ²	3 600	46	1 345	33
Terrazzo boards	m ²	570	7	685	11
Plywood, panel, fibreboard and other wood based boards	m ²	2 651	29	1 284	10
Parquet (breech, oak and other)	m ²	18 583	477	27 667	517
Laminated parquet	m ²	6 650	122	6 256	81
Ceiling and wall panelling	m ²	1 930	48	2 521	44
Plastic boards for walls	m ²	100	2	479	11
Wallpapers, all types	m ²	800	6	772	33
Material for plumping, sewerage system, heating, ventilation, for sanitary facilities					
Pipes, seamless	kg	5 148	22	5 142	38
Pipes, seamed	kg	52 582	71	49 307	41
Cast iron pipes and fittings	kg	25 202	119	54 168	347
Pipes, plastic, all types	kg	110 234	391	120 885	366
Pipe fittings and flanges	kg	20 230	86	15 639	82
Pipes, lead	t	-	-	-	-
Ceramics, sewage tubes	t	15	17	54	65
Pipes, of asbestos-cement	t	-	-	-	-
Pipes, concrete, all types	t	15 476	310	1 431	348
Ceramics, sanitary	piece	14 097	391	11 722	340
Sanitary equipment, of plate and cast iron	piece	500	4	696	11
Plastics sanitary equipment	piece	4 828	5	800	2
Other ceramic for construction (tiles for stoves and fireplaces, technical ceramic, etc.)	piece	336	28	337	33
Heating furnaces	piece	13	15	10	3
Radiators, all types	m ²	3 068	135	2 803	139
Material for power supply installations					
Ropes and wires, copper	kg	24 795	174	22 703	162
Wire, of aluminium and aluminium alloys	kg	7 930	58	6 394	50
Ropes, of aluminium and Ferro – aluminium	kg	500	2	609	11
Conductors, insulated (poly - vinyl chloride, rubber etc.)	m	11 271	14	20 969	27
Cables, all types	m	724 756	857	879 544	1 145
Installation material (switches, plugs, boxes, lamp holders)	Eur,thous.	-	371	-	328
Electric insulators, all types	t	21	27	339	376

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Other material and elements for incorporating					
Rails and accessories	t	-	-	-	-
Plates and sheets, black	kg	36 960	39	28 335	25
Zinc galvanized plates and sheets	kg	28 602	129	37 298	157
Aluminium plates and sheets	kg	4 070	11	5 084	13
Glass, heat insulation	m ²	2 304	42	3 718	64
Glass sheets, other types	m ²	4 877	63	3 848	29
Non-ferrous metals joinery (windows, doors, blinds)	t	7	7	3	8
Building metal elements (iron sheet pipes and chimneys, steel windows, doors, Venetian blinds)	t	19	15	46	37
Doors and windows, wooden, all types	piece	6 241	929	5 159	917
Material for fitting in (built-in furniture, window blinds)	EUR thous.	-	85	-	98
Other material not mentioned elsewhere (for repairs, machinery and vehicles maintenance, stationery and other)	EUR thous.	-	220	-	283
Consumed power material					
Bitumen	t			2 012	1 024
Motor petrol for transport	t	2 183	1 132	111	127
Motor petrol for drive	t	75	105	13	11
Diesel petrol for transport	t	4	3	7 380	7 828
Diesel petrol for drive	t	6 164	6 430	3 852	3 902
Gas/Diesel oil and fuel oil	t	4 321	4 430	551	566
Crude oil	t	446	470	-	-
Coal, all types	t	-	-	22	11
Other petroleum products	t	5	1	11	22
Other fuels	l	1	3	5 340	9
Electricity	KWh	5 000	15	16 404	1 523

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. Data are collected on a random stratified sample and stratification is done by the class of employees. 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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