



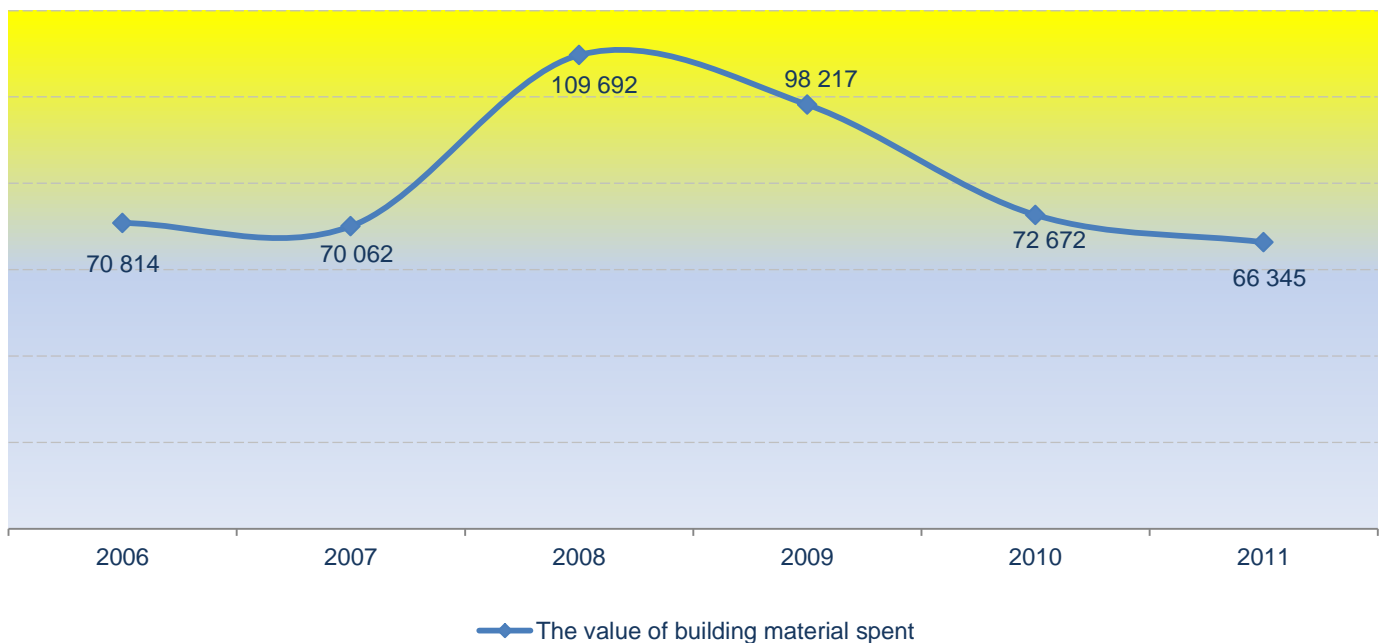
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## Annual release on consumption of building material, electricity and gas for 2011

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 2011 is EUR 66 345, representing the decrease of 8.7% compared with 2010.

Graph 1. Total value of building material spent by enterprises



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

<b>Aggregates</b>	<b>Unit of measurement</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Building elements</b>				
Solid brick	Thous.pcs NF	1 188	303	1 472
Perforated brick	Thous.pcs NF	490	289	987
Solid facade brick	Thous.pcs NF	110	1 021	1 027
Hollow clay blocks	Thous.pcs NF	970	1 088	517
Facade blocks	Thous.pcs NF	510	138	136
Brick and blocks, based on cement, slag and dross	Thous.pcs NF	763	770	2 634
Brick and blocks made from other materials (kermesite, "siporex")	Thous.pcs NF	122	64	2
<b>Elements for ceilings and arches</b>				
Floor bricks and inserting bricks	Thous.pcs NF	176	100	1 281
Beams, half-assembly and assembly for arches (clay elements)	Thous.m	35	23	59
Blocks for ceilings and arches (on the basis of cement)	Thous.pcs	60	9	5
<b>Prefabricated elements and finished constructions</b>				
Light building boards for outside walls	m <sup>2</sup>	1 800	300	250
Boards for walls facing	m <sup>2</sup>	3 614	-	-
Light building boards for partition walls	m <sup>2</sup>	3 250	-	-
Light building boards for ceilings	m <sup>2</sup>	7 400	6 950	4 960
Light building isolation boards	m <sup>2</sup>	11 950	10 220	6 284
Plaster boards, all types	m <sup>2</sup>	82 939	71 882	33 862
Steel constructions for bridges	t	10	-	-
Other steel constructions, all types (roofs, pillars, frames, scaffoldings and similar)	t	140	200	235
Building constructions and prefabricated elements for civil engineering	t	964	354	1 419
High buildings prefabricated constructions elements	t	-	-	-
Wooden construction (finished roof constructions )	m <sup>3</sup>	1 297	218	2 129
<b>Binder material</b>				
Quicklime	t	102	191	201
Lime, hydrated	t	942	567	923
Plaster, baked	t	159	162	6
Portland cement	t	15 640	14 362	10 292
Cement, other types	t	20 699	8 986	13 525
Plastic building materials	t	75	48	1 000
Cement mortars, all types	m <sup>3</sup>	4 431	2 293	15 866
Concrete, fresh	m <sup>3</sup>	195 313	126 970	77 466
Asphalt	t	186 788	287 601	224 038

Aggregates	Unit of measurement	2009	2010	2011
<b>Aggregates and profiled material of stone</b>				
Profiled material of stone (curbstone, fence, stone cube, etc.)	m <sup>3</sup>	3 607	1 135	2 489
Crashed technical stone and marble, all types	m <sup>3</sup>	43 484	1 409	4 115
Broken stone and small size stone	m <sup>3</sup>	75 209	7 621	8 628
Aggregates for concrete	m <sup>3</sup>	264 833	200 848	54 187
Gravel	m <sup>3</sup>	55 095	30 489	39 709
Sand	m <sup>3</sup>	22 242	13 369	14 674
Terrazzo- granulates	t	1 110	380	-
<b>Reinforcing and attaching material</b>				
Concrete steel	t	14 129	4 571	5 963
Wire, black and galvanized	kg	76 734	54 851	49 732
Other iron sections, heavy, medium and light	t	577	482	782
Various elements for reinforced concrete (reinforcing nets, wall canvas)	t	5 992	3 773	2 465
Nails	kg	135 482	106 301	54 311
<b>Timber</b>				
Timber, conifer (sawn, hewn)	m <sup>3</sup>	35 588	4 920	3 028
Timber, conifer (round)	m <sup>3</sup>	557	50	500
Timber, deciduous (sawn and hewn)	m <sup>3</sup>	633	347	2 004
Timber, deciduous (round)	m <sup>3</sup>	18	4	350
Boards for panelling	m <sup>3</sup>	758	296	759
Mining wood	m <sup>3</sup>	-	-	50
Sleepers all types	piece	-	100	579
<b>Isolation material and coatings</b>				
Roofing boards, all types	roll	6 880	1 518	2 839
Bitumen, bitulit, bituminous jute, strips, matters, emulsions etc.	t	10 324	12 953	2 874
Expanded polystyrene	kg	52 032	21 100	161 212
Other isolation materials (glass wool, mineral wool. etc.)	t	105	56	221
Paints (all types), varnishes, enamels, dissolvent etc.	kg	424 767	219 749	168 964
<b>Roofing material</b>				
Corrugated and plane sheets of "salonite" and asbestos	m <sup>3</sup>	2 128	195	300
Plane, corrugated and interlocking title	Thous.pcs	298	1 554	213
Other roofing material (concrete tiles, plastic boards)	m <sup>2</sup>	11 290	10 452	8 819

Aggregates	Unit of measurement	2009	2010	2011
<b>Material for floor wall covering</b>				
Vinyl and asbestos boards and other artificial flooring masses	t	-	-	-
Ceramic tiles (wall, floor and facade)	m <sup>2</sup>	126 832	108 394	51 232
Ceramic and marble facing boards	m <sup>2</sup>	24 050	11 686	4 152
Tiles of grinded stone and marble	m <sup>2</sup>	3 420	748	-
Terrazzo boards	m <sup>2</sup>	30	254	6 297
Plywood, panel, fibreboard and other wood based boards	m <sup>2</sup>	1 117	517	679
Parquet (breech, oak and other)	m <sup>2</sup>	39 662	26 384	26 027
Laminated parquet	m <sup>2</sup>	2 537	7 479	5 874
Ceiling and wall panelling	m <sup>2</sup>	3 025	3 459	4 745
Plastic boards for walls	m <sup>2</sup>	-	-	-
Wallpapers, all types	m <sup>2</sup>	-	-	-
<b>Material for plumping, sewerage system, heating, ventilation, for sanitary facilities</b>				
Pipes, seamless	kg	134 904	59 305	13 502
Pipes, seamed	kg	31 441	13 140	45 516
Cast iron pipes and fittings	kg	211 115	272 382	14 658
Pipes, plastic, all types	kg	284 611	242 803	173 720
Pipe fittings and flanges	kg	26 570	6 100	8 323
Pipes, lead	t	-	242	-
Ceramics, sewage tubes	t	19	189	7 000
Pipes, of asbestos-cement	t	-	210	-
Pipes, concrete, all types	t	1 763	3 059	1 768
Ceramics, sanitary	piece	3 523	3 237	5 639
Sanitary equipment, of plate and cast iron	piece	280	122	198
Plastics sanitary equipment	piece	1 356	980	4 444
Other ceramic for construction (tiles for stoves and fireplaces, technical ceramic, etc.)	piece	1	-	1
Heating furnaces	piece	21	77	14
Radiators, all types	m <sup>2</sup>	2 790	1 481	984
<b>Material for power supply installations</b>				
Ropes and wires, copper	kg	17 690	13 329	15 394
Wire, of aluminium and aluminium alloys	kg	20 562	14 557	12 229
Ropes, of aluminium and ferro – aluminium	kg	3 950	3 050	-
Conductors, insulated (poly-vinyl chloride, rubber etc.)	m	163 744	186 236	129 845
Cables, all types	m	137 581	784 978	329 128
Installation material (switches, plugs, boxes, lamp holders)	EUR thousand	402	-	-
Electric insulators, all types	t	3	1	9

Aggregates	Unit of measurement	2009	2010	2011
<b>Other material and elements for incorporating</b>				
Rails and accessories	t	1	-	4
Plates and sheets, black	kg	51 950	29 771	5 347
Zinc galvanized plates and sheets	kg	57 366	34 752	22 957
Aluminium plates and sheets	kg	64 303	17 994	320
Glass, heat insulation	m <sup>2</sup>	31 527	26 169	7 025
Glass sheets, other types	m <sup>2</sup>	21 286	22 876	8 780
Non-ferrous metals joinery (windows, doors, blinds)	t	261	257	1
Building metal elements (iron sheet pipes and chimneys, steel windows, doors, Venetian blinds)	t	30	30	7
Doors and windows, wooden, all types	piece	12 966	9 781	6 586
Material for fitting in (built-in furniture, window blinds)	EUR thousand	245	-	-
Other material not mentioned elsewhere (for repairs, machinery and vehicles maintenance, stationery and other)	EUR thousand	1 945	-	-
<b>Consumed power material</b>				
Bitumen	t	-	-	8 067
Motor petrol for transport	t	-	-	80
Motor petrol for drive	t	-	-	149
Diesel petrol for transport	t	-	-	3 740
Diesel petrol for drive	t	-	-	2 597
Gas/Diesel oil and fuel oil	t	-	-	989
Crude oil	t	-	-	-
Coal, all types	t	34	-	61
Other petroleum products	t	-	-	4
Other fuels		-	-	100 000
Electricity	KWh	8 135	13 176	9 218

## METHODOLOGICAL NOTES

### Data source and coverage

The annual release on the consumption of building material, electricity, and gas covers all enterprises classified under the construction activity within Sector F - Construction, as well as enterprises not classified by this sector, but possessing units in their composition which perform works on construction buildings (newly built dwellings, reconstruction, adaptation, modernisation, large repairs and regular maintenance), regardless if the works are performed by themselves or through the subcontractors.

### 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.

Published and printed by Statistical Office of Montenegro (MONSTAT)  
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