

# STATISTICAL RELEASE

# ZS60

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**Environmental statistics**

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## Industrial waste in the Republic of Serbia, 2012

– Preliminary results –

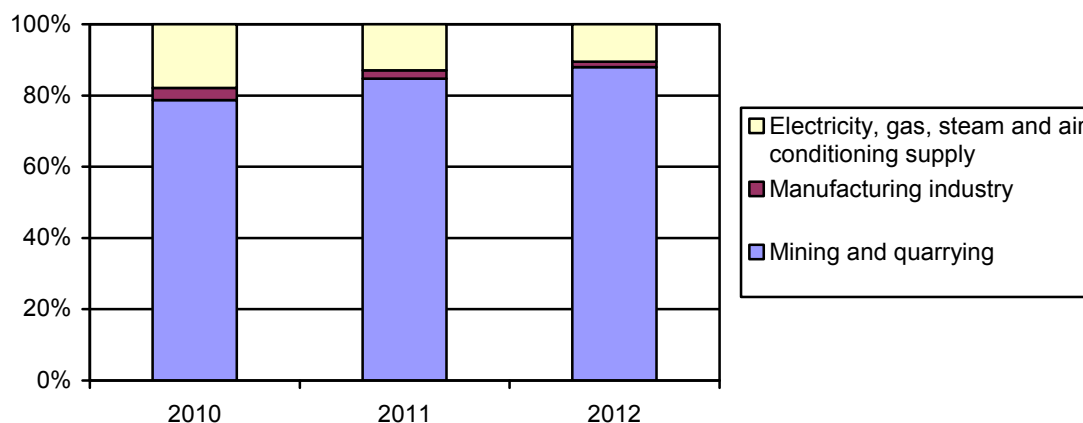
During the year 2012, the industrial sections in the Republic of Serbia produced 54.4 million tonnes of waste, recording an increase of 11.1% compared with previous results obtained according to the Survey on industrial waste. The largest increase in the amount of waste generated is recorded in the section Mining and quarrying (15.4%) while the sections Manufacturing has decreased by 28.9% as well as section Electricity, gas, steam and air conditioning supply by 9.6%.

### 1. Generated industrial waste in the Republic of Serbia, by sections, 2010–2012

	2010	2011	2012
<b>Generated waste</b>	<b>33 622 998</b>	<b>48 985 948</b>	<b>54 430 856</b>
Mining and quarrying	26 458 201	41 517 933	47 896 172
Manufacturing	1 146 010	1 112 348	790 852
Electricity, gas, steam and air conditioning supply	6 018 787	6 355 668	5 743 832

Of the total amount of 54 430 856 tons of industrial waste, the section Mining and quarrying generated 47 896 172 tons (69.98% and 30.02% of non-hazardous and hazardous waste respectively), Manufacturing 790 852 tons (91.21% and 8.79% of non-hazardous and hazardous waste respectively), and Electricity, Gas, Steam and Air Conditioning Supply 5 743 832 tons (99.98% and 0.02% of non-hazardous and hazardous waste respectively).

**Graph 1 - Percentage of generated waste in the Republic of Serbia, by sections, 2010–2012**



## 2. Waste generated in the Republic of Serbia, by EWC-Stat

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EWC-Stat <sup>2)</sup>		Character of waste <sup>1)</sup>	2011	Waste generated, 2012			
				Total	Mining and quarrying	Manufacturing industry	Electricity, gas, steam and air conditioning supply
	<b>Total</b>		<b>48 985 948</b>	<b>54 430 856</b>	<b>47 896 172</b>	<b>790 852</b>	<b>5 743 832</b>
	<b>Non hazardous</b>		<b>36 217 246</b>	<b>39 981 949</b>	<b>33 517 717</b>	<b>721 348</b>	<b>5 742 884</b>
	<b>Hazardous</b>		<b>12 768 703</b>	<b>14 448 907</b>	<b>14 378 455</b>	<b>69 503</b>	<b>948</b>
01.1	Spent solvents	H	5	8	-	8	-
01.2	Acid, alkaline or saline wastes	NH	298	22	-	22	-
		H	47 825	46 107	-	46 107	-
01.3	Used oils	H	1 776	1 497	118	1 078	301
01.4, 02, 03.1	Chemical wastes	NH	1 896	3 740	0	2 875	864
		H	5 823	3 343	50	2 908	385
03.2 <sup>3)</sup>	Industrial effluent sludges	NH	7 483	1 898	-	1 898	-
		H	1 691	380	-	380	-
03.3 <sup>3)</sup>	Sludges and liquid wastes from waste treatment	NH	52	54	-	54	-
		H	34	20	-	20	-
05	Health care and biological wastes	NH	13	14	-	14	-
		H	0	2	-	2	-
06.1	Metallic wastes, ferrous	NH	60 464	67 100	5 262	50 156	11 681
06.2	Metallic wastes, non-ferrous	NH	3 150	6 407	59	5 773	574
06.3	Metallic wastes, mixed	NH	3 776	9 522	3 764	5 648	109
07.1	Glass wastes	NH	22 990	7 334	-	7 334	-
		H	-	-	-	-	-
07.2	Paper and cardboard wastes	NH	16 989	26 545	17	26 461	67
07.3	Rubber wastes	NH	1 331	6 075	5 237	777	60
07.4	Plastic wastes	NH	9 451	13 938	412	12 898	628
07.5	Wood wastes	NH	33 181	46 440	233	44 984	1 222
		H	1 957	1 892	-	1 888	3
07.6	Textile wastes	NH	1 190	3 321	1	3 320	-
07.7	Waste containing PCB	H	68	85	0	79	5
08	Discarded equipment	NH	526	728	24	121	583
		H	646	578	3	453	121
08.1	Discarded vehicles	NH	114	725	439	39	247
		H	18	12	-	7	5
08.41	Batteries and accumulators wastes	NH	110	9	1	8	1
		H	2 649	1 373	54	1 282	37
09.1	Animal and mixed food waste	NH	15 616	19 167	-	18 975	192
09.2	Vegetal wastes	NH	180 931	130 550	-	130 550	-
09.3	Animal faeces, urine and manure	NH	1 179	6 271	-	6 271	-
10.1	Household and similar wastes	NH	20 761	21 766	200	21 459	107
10.2	Mixed and undifferentiated materials	NH	366 737	145 614	1 419	144 178	16
		H	745	611	-	596	15
10.3	Sorting residues	NH	2	2	-	2	-
		H	427	1	-	1	-
11 <sup>3)</sup>	Common sludges	NH	681	553	-	553	-
12.1	Mineral waste from construction and demolition	NH	2 247	2 697	501	1 498	698
		H	81	12	-	8	4
12.2, 12.3, 12.5	Other mineral wastes	NH	28 910 603	33 533 764	33 469 558	63 946	261
		H	12 700 906	14 379 592	14 378 211	1 310	71
12.4	Combustion wastes	NH	6 548 372	5 925 217	30 586	169 830	5 724 801
		H	4 049	13 346	18	13 328	-
12.6	Soils	NH	3 461	2 473	-	1 703	770
		H	1	2	-	1	1
12.7 <sup>3)</sup>	Dredging spoils	NH	3 641	2	2	-	-
		H	-	-	-	-	-
12.8, 13	Mineral waste from waste treatment and stabilised waste	NH	-	-	-	-	-
		H	3	45	-	45	-

<sup>1)</sup> H - Hazardous / NH - Non hazardous.

<sup>2)</sup> Statistical European Waste Classification (EWC-Stat), According to Commission Regulation No 849/2010

<sup>3)</sup> Sludges (EWC-Stat categories 03.2, 03.3, 11 and 12.7) in dry weight.

### 3. Waste treatment in the Republic of Serbia, by treatment category

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	2011	Waste treated, 2012	
		total	of which: hazardous
Used principally as a fuel or other means to generate energy	24 817	48 387	979
Incineration on land	4 874	869	665
Recovery			
Recycling <sup>1)</sup>	764 753	464 530	42 127
Deposit into or onto land (e.g. landfill)	47 785 864	54 157 063	14 386 858
Other disposal	105 005	53 787	27

<sup>1)</sup> Also include waste received from other enterprises and exclude waste internally recycling from industrial activities.

### Explanatory notes

Methodological explanations on Industrial waste can be found on the SORS website:

<http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=201>.

Data series on Industrial waste from the reference year 2008 are available as a part of the SORS publications: <http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=200>.

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