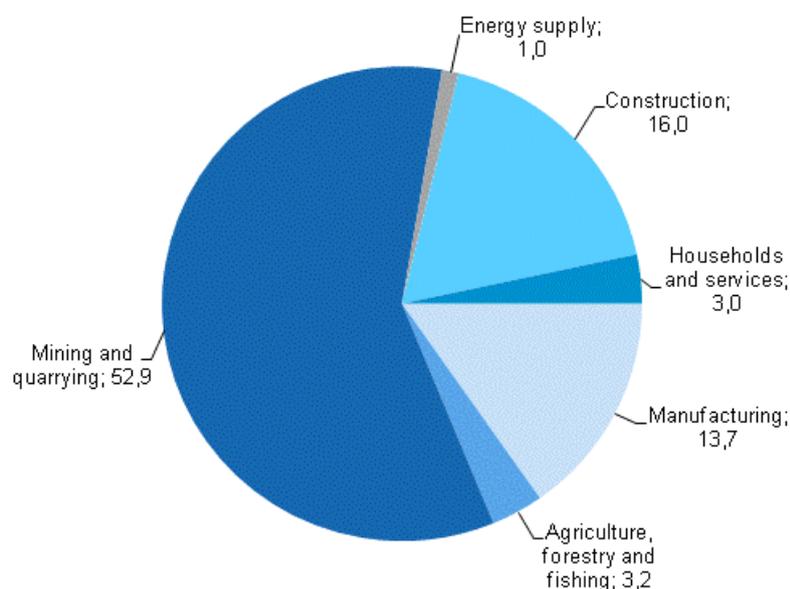


Waste statistics 2012

Sixty-six per cent of combustible waste is burned

A total of around 16.4 million tonnes of combustible waste were generated in Finland in 2012. Of these, 10.7 million tonnes or 66 per cent were burned in incineration or co-incineration plants. The largest item of incinerated waste was by far wood waste from forestry and the forest industry. The second largest item was municipal waste and other mixed waste, altogether 1.4 million tonnes. These were collected from both households and other sectors. The increase in the incineration capacity of municipal waste will render conventional landfills redundant in coming years. Approximately ten per cent of total energy consumption was produced with waste incineration. The amounts do not include wood felling waste left in the forest or straw and manure processed on site in agriculture.

Amounts of waste by sector in 2012, million tonnes



Total amount of waste 90 million tonnes

In 2012, the total amount of waste was just under 90 million tonnes and decreased by around 5.5 million tonnes from the year before. The reduction came primarily from mining waste and surplus soils from construction. Mineral waste is the largest item in waste, it amounted to 72 million tonnes, mainly from ore and mineral mines, earthworks and energy production (ashes). One-third of mineral waste is recovered.

A total of 1.1 million tonnes of hazardous waste were generated in 2012. It was generated in particular in the metal industry, households and services, and also in construction as contaminated soil. In total, 180,000 tonnes of hazardous waste were incinerated but the amount that was deposited in landfills was much larger. Hazardous waste was formerly called problem waste in Finland.

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Appendix tables

Appendix table 1. Waste treatment in 2012, 1,000 tonnes

	Treatment				
	Treatment total	Recycling	Energy recover	Incinerated	Landfilled
Chemical waste	666	162	28	143	333
- of which hazardous waste	193	86	7	83	17
Metallic waste	1 176	1 169	0	1	6
Glass waste	162	161	0	0	1
Paper and cardboard waste	569	522	34	13	0
Plastic and rubber waste	76	22	42	10	2
Wood waste	11 253	2 780	8 426	45	2
- of which hazardous waste	10	0	9	1	0
Discarded vehicles	132	132	0	0	0
- of which hazardous waste	62	62	0	0	0
Discarded equipment	120	120	0	0	0
- of which hazardous waste	72	72	0	0	0
Animal and vegetal waste	1 297	1 042	61	152	42
Household and mixed waste	2 657	216	1 338	19	1 084
- of which hazardous waste	94	0	36	15	43
Sludges	526	107	179	55	185
- of which hazardous waste	57	0	6	1	50
Mineral waste	71 714	25 162	199	7	46 346
- of which hazardous waste	869	12	13	7	837
Other waste	16	6	0	1	9
- of which hazardous waste	4	0	0	1	3
Total	90 363	31 601	10 307	446	48 009
- of which hazardous waste	1 361	232	71	108	950

Appendix table 2. Generation of waste by sector and by type of waste in 2012, 1,000 tonnes

Industry	Type of waste												Total	of which hazardous waste
	Chemical waste	Metallic waste	Glass waste	Paper and cardboard waste	Plastic and rubber waste	Wood waste	Animal and vegetal waste	Household and mixed waste	Sludges	Mineral waste	Other waste			
Agriculture, forestry and fishing ¹⁾	0	0	0	0	0	3 155	0	0	0	0	0	0	3 155	0
Mining and quarrying	0	0	0	0	0	0	0	0	0	52 880	0	0	52 880	0
Manufacturing	712	175	50	222	41	8 305	615	617	542	2 378	17	0	13 674	743
Food products and beverages	1	12	5	6	3	3	601	34	7	157	10	0	839	1
Manuf. textiles, wearing apparel and leather products	1	0	0	0	0	0	0	2	0	0	5	0	8	0
Wood and wood products	7	3	0	1	0	5 313	0	4	2	12	0	0	5 342	5
Paper and paper products printing and reproduction of recorded media	166	24	0	201	19	2 963	1	468	369	190	1	0	4 402	20
Coke and refined petroleum products	21	2	0	0	0	0	0	1	1	3	0	0	28	22
Chemical, chemical products and rubber and plastic products	344	13	0	6	16	6	9	45	109	16	0	0	564	88
Non-metallic mineral products	1	2	45	1	1	1	0	23	1	432	0	0	507	2
Basic metals and metal products	163	69	0	5	1	6	3	28	53	1 548	1	0	1 877	597
Machinery and equipment n.e.c and elect.equipmenet	7	50	0	2	1	6	1	11	0	20	0	0	98	7
Manufacturing n.e.c.	1	0	0	0	0	7	0	1	0	0	0	0	9	1
Electricity, gas, steam and air conditioning supply	5	4	0	1	0	124	0	32	2	842	0	0	1 010	25
Construction	1	78	1	5	14	238	3	5	0	15 682	0	0	16 027	150
Households and services	8	124	87	365	23	78	363	1 528	205	11	200	0	2 992	134
Total	726	381	138	593	78	11 900	981	2 182	749	71 793	217	0	89 738	1 052
- of which hazardous waste	306	0	0	0	0	15	0	0	56	561	114	0	1 052	

1) Sludge, dry weight. Wood waste excluding logging waste left on site.

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Source: Waste statistics 2012, Statistics Finland