

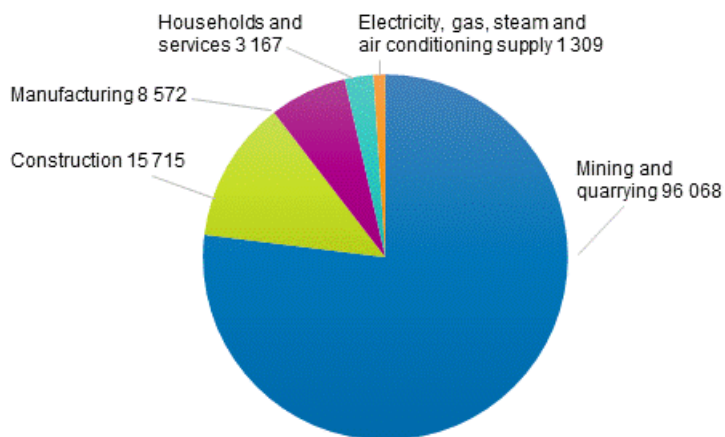
Waste statistics 2018

Waste from production and consumption

Amount of waste generated in 2018 returned to the level of 2016 – the share of waste recovered as material grew slightly

A total of 128 million tonnes of waste were generated in 2018. This was 11 million tonnes more than in the previous year, when the amount of waste had fallen mainly due to decreased waste caused by mineral excavation. The growth in 2018 was again mostly explained by increased mineral excavation. The amount of waste from mining and quarrying grew by around seven million tonnes to a total of 96 million tonnes.

Waste generated by sector and type in 2018, 1,000 tonnes per year

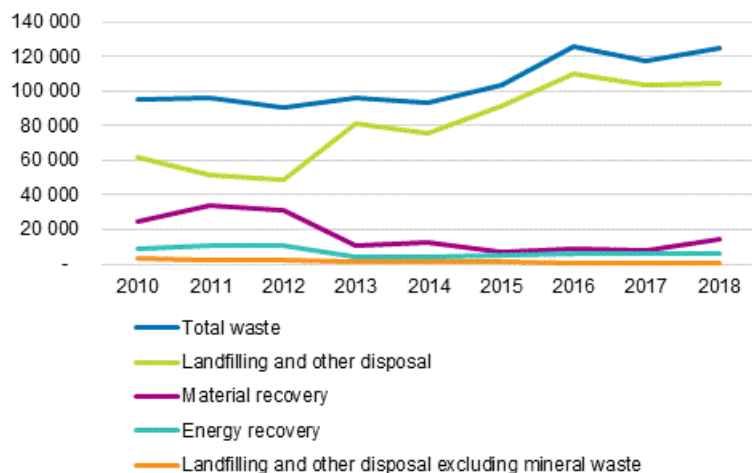


Mineral waste accounted for around 90 per cent of the total amount of waste. In addition to mining and quarrying, mineral waste was generated especially in construction, where the majority of the waste was landfilled surplus soil. The amount of mineral waste generated in construction was 0.8 million tonnes higher than in the year before, in total 15 million tonnes.

The total amount of waste in industrial production and energy supply grew from 8.8 to 9.9 million tonnes.

As in previous years, the combined volume of waste generated by services and households grew slightly, by 145 thousand tonnes, totalling 3,167 million tonnes. A larger share of this growth concerned services and administration.

Methods of waste treatment in 2010 to 2018, 1,000 tonnes per year



The amounts of waste treatment followed the growth in the amount of waste. Most of the waste to be treated was mineral waste deposited in mining areas, although they were also utilised as material more than in previous years – 14.5 million tonnes. Mineral waste can be utilised, for example, in earthworks.

Examined without mineral waste, 61 per cent of the waste was recovered as energy. This waste was mainly wood waste and mixed waste, such as household waste. The share of material recovery grew slightly from the year before, from 28 to 33 per cent. Only five per cent of other than mineral waste ended up at landfills.

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Appendix table 1. Waste generation by industry, 2018, 1,000 tonnes

NACE	Waste class										
	Total	Chemical waste	Metallic waste	Paper and cardboard waste	Wood waste	Animal and vegetal waste	Household and mixed waste	Sludges	Mineral waste	Other waste	Of which hazardous waste
Total	128 252	438	887	525	4 371	1 039	2 262	999	116 303	1 428	1 899
NACE Section B: Mining and quarrying (05-09)	96 068	0	0	0	0	0	0	0	96 068	0	344
NACE C 10 - 12 Food products and beverages	650	1	2	6	3	462	32	21	77	46	4
NACE C 16 Wood and wood products	1 756	3	10	0	1 620	95	9	2	17	1	3
NACE C 17 - 18 Paper and paper products printing and reproduction of recorded media	3 354	191	16	68	1 904	4	347	583	161	80	6
NACE C 19-22 Coke and refined petroleum products, Chemicals, chemical products and rubber and plastic products	885	95	11	5	7	7	185	34	526	14	106
NACE C 23 Non-metallic mineral products	240	3	1	1	2	0	20	12	139	62	6
NACE C 24 - 25 Basic metals and metal products	1 317	52	131	5	6	0	45	101	975	1	565
NACE D Electricity, gas, steam and air conditioning supply (35)	1 309	4	25	10	144	7	15	16	1 027	60	153
NACE E Water supply; sewerage, waste management and remediation activities (36-39)	3 421	19	149	5	169	31	157	210	2 098	581	325
NACE F Construction (41-43)	15 715	3	170	0	401	1	1	2	15 101	35	253
NACE G - U Services, Government	1 129	57	65	127	30	129	429	12	47	233	93
Others (C 13-15, 26-33)	370	10	215	5	19	1	17	2	66	35	12
Households	2 038	0	90	292	68	302	1 004	3	1	279	29

Appendix table 2. Waste treatment in 2018, 1,000 tonnes

Waste class	Jäteluokka				
	Total	Energy recovery	Incineration without energy recovery	Material recovery	Landfilling and other disposal
Total	125 234	6 251	98	14 506	104 379
Chemical waste	519	21	49	298	150
Metallic waste	200	0	0	200	1
Glass waste	133	10	0	122	0
Paper and cardboard waste	563	37	0	525	0
Plastic and rubber waste	100	55	0	44	1
Wood waste	3 269	3 143	0	125	2
Animal and vegetal waste	952	144	1	798	9
Household and mixed waste	2 165	1 858	9	242	56
Sludges	737	392	10	224	111
Mineral waste	115 365	268	1	11 206	103 890
Other waste	1 230	322	28	722	159
Of which hazardous waste	1 736	95	84	225	1 332

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Source: Waste statistics 2018, Statistics Finland