

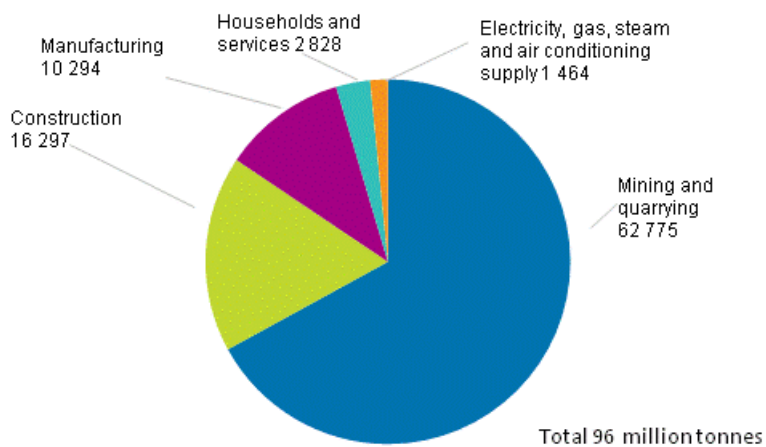
# Waste statistics 2014

## Waste from production and consumption

### Fire is not the solution for hazardous waste

According to the permission and supervision registers of environmental authorities, 1.9 million tonnes of hazardous waste was generated in Finland in 2014. The volumes of hazardous waste have fluctuated much on the annual level according to the prevailing interpretations. In Finland, waste is either hazardous or not, no intermediate degrees of hazardousness are known. Statistics Finland has published data on the volumes of hazardous waste as part of the national waste statistics since 1987.

#### Amounts of waste by sector in 2014, 1,000 tonnes



The lively discussion of past decades on hazardous waste management has ceased, but there is still hazardous waste. The disposal capacity of hazardous waste is still in no way sufficient for plant-type disposal. The most common disposal methods are landfill sites or storage, such as reservoirs, under supervised conditions. As much as two-thirds of hazardous waste are treated in these ways. One-tenth of hazardous waste, or nearly 200,000 tonnes, are burnt yearly in the generation of electricity and heat. Hazardous waste is utilised as material less than burnt. There are, however, several ways of disposal, such as biological treatment.

The biggest items of hazardous waste are generated in mining, manufacture of basic metals, manufacture of chemicals and publishing houses and energy supply and as contaminated soil in construction. Hazardous waste is generated as small items in households and service industries, such as electronics, medicines and

waste oils. The volume of hazardous waste in the statistics has quadrupled from the 1990s to today. Waste is interpreted as being hazardous more widely and easily than before. The group of waste including waste oils, acids and heavy metals has come to include hazardous mineral waste and sludge and various types of other process waste.

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# Appendix tables

**Appendix table 1. Waste treatment in 2014, tonnes**

	1 Utilisation as energy	2 Destruction by incineration	3 Material utilisation	4 Landfill disposal	5 Other disposal, such as reservoirs	Total
01.1 Used solvents Hazardous	..	24.746	686	..	..	<b>25.432</b>
01.2 Acid, alkaline and saline waste Ordinary	..	6	5.388	5.214	..	<b>10.608</b>
01.2 Acid, alkali and saline waste Hazardous	..	1.187	12.615	148.370	2.255	<b>164.427</b>
01.3 Used oils Hazardous	3.164	7.693	19.611	11	..	<b>30.479</b>
01.4, 02, 03.1 Chemical waste Ordinary	2.501	2.147	27.438	73.420	21	<b>105.527</b>
01.4, 02, 03.1 Chemical waste Hazardous	1.210	65.552	20.742	2.995	2.656	<b>93.155</b>
03.2 Sludge from waste water treatment in industry Ordinary	111.541	202	38.115	82.269	1.082	<b>233.209</b>
03.2 Sludge from waste water treatment in industry Hazardous	4.885	7.823	10	34.828	..	<b>47.546</b>
03.3 Liquid waste generated in waste treatment and sludge from waste water treatment Ordinary	..	..	2.259	36	..	<b>2.295</b>
03.3 Liquid waste generated in waste treatment and sludge from waste water treatment Hazardous	..	131	..	40.251	..	<b>40.382</b>
05 Waste generated in health care and biological waste Ordinary	..	48	..	7.296	..	<b>7.344</b>
05 Waste generated in health care and biological waste Hazardous	..	453	..	..	..	<b>453</b>
06.1 Metal waste, iron Ordinary	..	41	157.996	755	..	<b>158.792</b>
06.1 Metal waste, non-iron Ordinary	..	92	35.262	1.098	..	<b>36.452</b>
06.1 Metal waste, mixed iron and non-iron Ordinary	..	3	7.887	..	..	<b>7.890</b>
07.1 Glass waste Ordinary	..	4	56.535	473	..	<b>57.012</b>
07.1 Glass waste Hazardous	..	..	..	..	..	<b>0</b>
07.2 Paper and paperboard waste Ordinary	41.582	12.569	545.276	124	..	<b>599.551</b>
07.3 Rubber waste Ordinary	13.584	2	14.765	25	..	<b>28.376</b>
07.1 Plastic waste Ordinary	56.205	17.975	7.948	1.142	..	<b>83.270</b>
07.1 Wood waste Ordinary	2.889.097	58.593	115.121	36.207	..	<b>3.099.018</b>
07.1 Wood waste Hazardous	6.347	3.965	..	..	..	<b>10.312</b>
07.1 Textile waste Ordinary	2.093	2	14.118	96	..	<b>16.309</b>
07.7 PCB-containing waste Hazardous	..	1.034	..	..	0	<b>1.034</b>
08 (except for 08.1, 08.41) Equipment removed from use (except for vehicles and battery and accumulator waste removed from use) Ordinary	56	2	8.207	190	..	<b>8.455</b>
08 (except for 08.1, 08.41) Equipment removed from use (except for vehicles and battery and accumulator waste removed from use) Hazardous	2	739	5.962	..	..	<b>6.703</b>
08.01 Vehicles removed from use Ordinary	..	..	69.710	154	..	<b>69.864</b>
08.01 Vehicles removed from use Hazardous	..	5	61.950	..	..	<b>61.955</b>
08.41 Battery and accumulator waste Ordinary	..	86	464	..	..	<b>550</b>

	1 Utilisation as energy	2 Destruction by incineration	3 Material utilisation	4 Landfill disposal	5 Other disposal, such as reservoirs	Total
08.41 Battery and accumulator waste Hazardous	..	10	1.693	..	..	<b>1.703</b>
09.1 Animal-based waste and mixed food waste Ordinary	15.526	2.798	589.468	2.009	7.124	<b>616.925</b>
09.2 Vegetable-based waste Ordinary	124.304	46	80.997	38.477	45	<b>243.869</b>
09.3 Animal excrement, urine and manure Ordinary	..	2	821.070	15.480	7.826	<b>844.378</b>
10.1 Household and similar waste Ordinary	444.807	196.093	18.913	431.580	56	<b>1.091.449</b>
10.2 Mixed materials Ordinary	379.285	6.795	216.491	195.399	2.636	<b>800.606</b>
10.2 Mixed materials Hazardous	5	7.118	56	199	..	<b>7.378</b>
07.3 Screenings waste Ordinary	58.221	119	74.769	71.669	..	<b>204.778</b>
07.3 Screenings waste Hazardous	1.358	23.065	..	40.938	..	<b>65.361</b>
11 Ordinary sludges Ordinary	129.159	43.905	163.355	19.596	1.241	<b>357.256</b>
12.1 Mineral waste generated in construction and demolition Ordinary	168.481	132	1.395.649	115.075	..	<b>1.679.337</b>
12.1 Mineral waste generated in construction and demolition Hazardous	28.584	3.607	5.638	10.113	..	<b>47.942</b>
12.2, 12.3, 12.5 Other mineral waste Ordinary	2.979	4.226	6.764.771	57.292.777	1.134	<b>64.065.887</b>
12.2, 12.3, 12.5 Other mineral waste Hazardous	..	1.488	8.970	787.778	358.520	<b>1.156.756</b>
07.1 Combustion waste Ordinary	33	11	695.169	506.922	23	<b>1.202.158</b>
07.1 Combustion waste Hazardous	1	53	9.370	9.648	..	<b>19.072</b>
12.6 Soil materials Ordinary	..	179	660.438	14.924.200	..	<b>15.584.817</b>
12.6 Soil materials Hazardous	..	788	21.878	73.204	..	<b>95.870</b>
07.1 Dredging spoils Ordinary	..	..	334	222	..	<b>556</b>
07.1 Dredging spoils Hazardous	52	..	..	348	..	<b>400</b>
12.8, 13 Mineral waste and stabilised waste originating from waste treatment Ordinary	..	419	96.800	24.568	..	<b>121.787</b>
12.8, 13 Mineral waste and stabilised waste originating from waste treatment Hazardous	97	6	133	39.123	..	<b>39.359</b>
<b>Total</b>	<b>4.485.159</b>	<b>495.960</b>	<b>12.854.027</b>	<b>75.034.279</b>	<b>384.619</b>	<b>93.254.044</b>
Of which hazardous waste:	45.705	149.463	169.314	1.187.806	363.431	1.915.719

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