

BIODEGRADABLE MUNICIPAL WASTE DEPOSITED IN LANDFILLS

Amount (t)	10115
Member State	FI
Organisation submitting the data and the description	Finnish Environment the description, national research and expert organisation working under environmental administration.
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Reference year	y2020
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Link to data publication by the Member State (if any)	-
Description of the organisation of the data collection, the sources of data and the methodology used	<p>Organisation of the data collection Statistics Finland is the national statistical bureau in Finland. Finnish Environment Institute (SYKE) is a national research and expert organisation working under environmental administration. Sources of data Statistics on municipal wastes have been compiled by Statistics Finland. Main data source is YLVA database (Compliance monitoring system), which is maintained by Finnish environmental administration for i.a. environmental supervising and monitoring purposes. YLVA data covers almost the entire annual volume of waste treatment of municipal wastes generated. Besides YLVA data, additional information and aggregated data have been obtained from other statistics and data sources such as from producer responsibility organizations. Methodology used Statistics Finland has compiled annual national statistics on municipal waste, which show e.g. quantities of municipal waste disposed of in landfills. The amounts of biodegradable municipal waste have been calculated on the basis of the above statistics. In the calculations, certain LoW categories for biodegradable municipal wastes have been used as well as results obtained by studies concerning the composition of mixed municipal waste.</p>
Description of types of waste classified at national level as biodegradable municipal waste	<p>Description of types of waste classified at national level as biodegradable municipal waste: •200301 for the years 2014-2020, the estimation of the amount of biodegradable fraction of the LoW 200301 total is 60%) •200302 for the years 2014-2020, the estimation of the amount of biodegradable fraction of the LoW 200302 total is 60%) •200399 for the years 2014-2020, the estimation of the amount of biodegradable fraction of the LoW 200399 total is 60%) •200108 •200201 •200137* •200138 •150103 (of municipal origin) •200110 •200111 •150109 (of municipal origin) •200101 •150101 (of municipal origin) •200125 •200303 for the years 2014-2020, the estimation of the amount of biodegradable fraction of the LoW 200303 total is 60%) •200306 for the years 2014-2020, the estimation of the amount of biodegradable fraction of the LoW 200306 total is 60%) •150105 (of municipal origin) •200307 •200199 for the years 2014-2020, the estimation of the amount of biodegradable fraction of the LoW 200199 total is 60%) •191210 for the years 2014-2020, the estimation of the amount of biodegradable fraction of the LoW 191210 of municipal origin total is 60%) The calculated estimates are based on the results of research carried out on sorting of mixed municipal wastes. In 2000-2005, the share of biodegradable municipal waste in mixed municipal waste was 83%, in 2006-2012 69%, in 2013 64% and in 2014-2020 60%.</p>
Description of any estimates used to cover gaps in the data	<p>For the industrial sectors, the YLVA database has provided accurate data on the generation and disposal of municipal wastes. For other sectors and households, sector-based specific reports or model-based calculation methods have been used in order to calculate the amount of municipal waste collected, broken down by sectors. In some cases, data from different data sources have been combined. A calculation model has been used in order to estimate the amounts (%) of municipal waste generated by the service sector and households, excluding the paper and cardboard waste. The calculation model is based on a waste survey conducted in the area of the Helsinki Region Environmental Services (HSY) and statistical data compiled by Statistics Finland for enterprises, the public sector and households. Data on paper and cardboard waste has been obtained directly from waste collectors through producer responsibility organizations. The amounts of electrical and electronic waste and packaging waste included in the municipal waste statistics differ somewhat from the those reported by producer responsibility authority, due to differences in conceptual and data collection methods. The results of the mixed municipal waste sorting surveys conducted by the</p>

	Helsinki Region Environmental Services (HSY) have been utilized in the assessment of estimating the biodegradable waste fraction in mixed municipal waste. These results mainly consider household waste.
Explanation of significant differences from previous reference year's data	The calculated amounts of biodegradable municipal waste in mixed municipal waste are substantially reflected in the accumulation of biodegradable waste. The share of biodegradable municipal waste in mixed municipal waste is based on sorting studies. The share has decreased over the years from 83% to 60% due to an increase in the sorting of separately collected fractions.
Description of main issues affecting the accuracy of data	The amount of municipal waste disposed of in landfills is based on administrative register data (YLVA) covering all landfills receiving municipal waste to be deposited. The data is reported as mass tonnes per year. In most cases, the amount of waste deposited has been measured by weighing the waste loads. In a few cases, certain conversion factors might have been used in converting volumetric amounts to mass tonnes.