



Composting & Anaerobic Digestion
Association *of* Ireland

Composting and Anaerobic Digestion Market Report 2013



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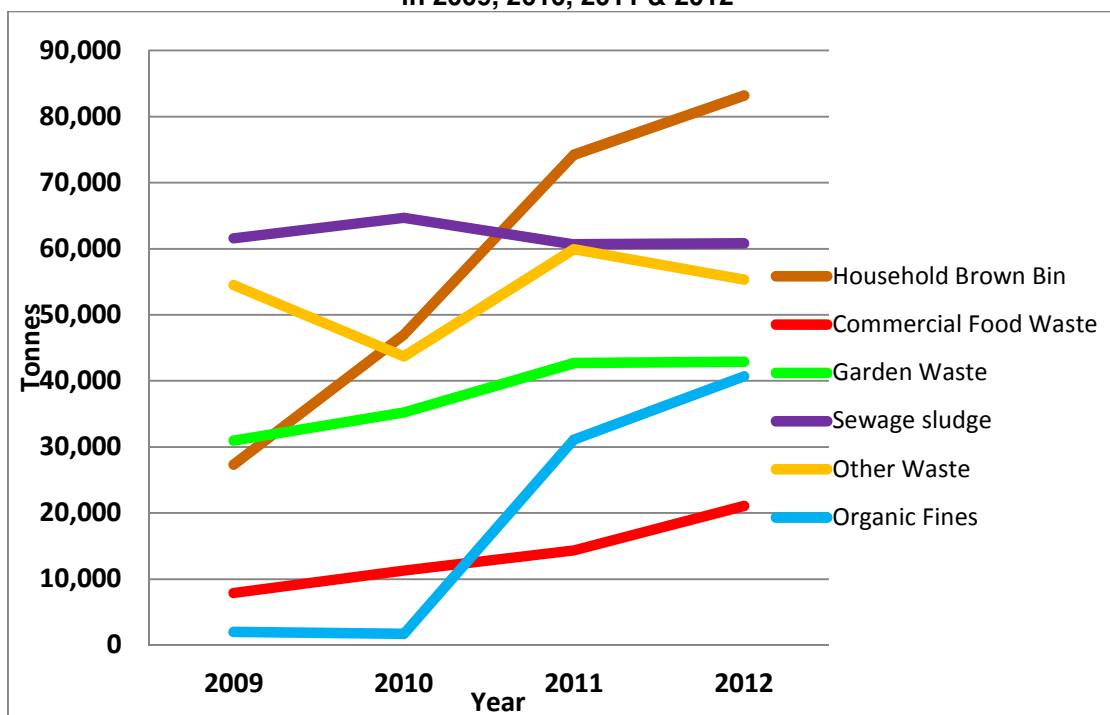
Ireland

A survey was conducted in 2012 of composting and anaerobic digestion facilities in the Republic of Ireland. This survey asked operators of facilities for data on the tonnes of various waste streams processed in 2009, 2010 and 2011. The survey has some limitations¹.

Another survey was conducted in February 2013 asking the same facilities for their 2012 data. The survey identified the following trends outlined in this table:

	2011	2012	% Change
Materials	Tonnes		
Total tonnes	282,887	303,990	+ 7.5
Household brown bin	74,203	83,212	+ 12
Commercial brown bin	14,321	21,085	+ 47
Organic fines	31,083	40,677	+ 31
Garden waste	42,696	42,862	0
Sewage sludge	60,659	60,818	0
Other waste (e.g. industrial sludges,)	59,926	55,336	- 8

Chart of Tonnes Processed by Composting and Anaerobic Digestion Facilities in 2009, 2010, 2011 & 2012



¹ There are some facilities which did not respond to the survey. This has resulted in some limitations of the data. The table below outlines the number of facilities absent.

Years	Household Brown Bin	Commercial Food Waste	Garden Waste	Organic Fines	Other Waste
2012	1	1	1		
2011			3	1	1
2010	1		1		1
2009	1		2		1

The survey excluded anaerobic digestion plants at waste water treatment plants.

This survey did not examine the tonnage of manures processed by the mushroom industry.

In 2011 - One facility had 1,574 tonnes which it could not determine how much was commercial food waste and household brown bin. The data was used only for household brown bin data.

For 2012 - Three facilities estimated how much was commercial food waste and household brown bin as in many cases the material is delivered altogether from waste collectors.

One facility has 1432t of combined household and commercial food waste. This figure was assigned to the household data.

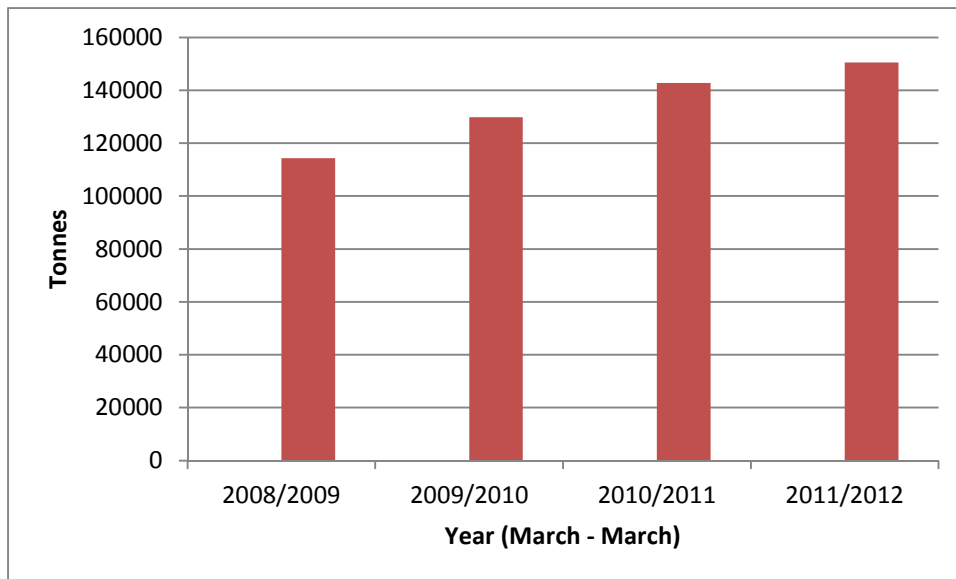
Northern Ireland

The statistics for municipal waste (combined garden waste and food waste) composted in five composting sites were obtained from the NIEA waste data flow. They are outlined in the diagram below. There are some limitations with the data².

The survey identified the following trend:

- ▶ The tonnage of waste processed increased by 5% from 142,744t in 2011 to 150,514t in 2012.

Tonnes of Garden Waste and Food Waste Composted in Northern Ireland



² Data was not obtained for an AD plant and a compost site which composts non-municipal waste.