



Department of the
Environment
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Northern Ireland Municipal Waste Management Statistics

April - June 2009



Quarterly provisional figures

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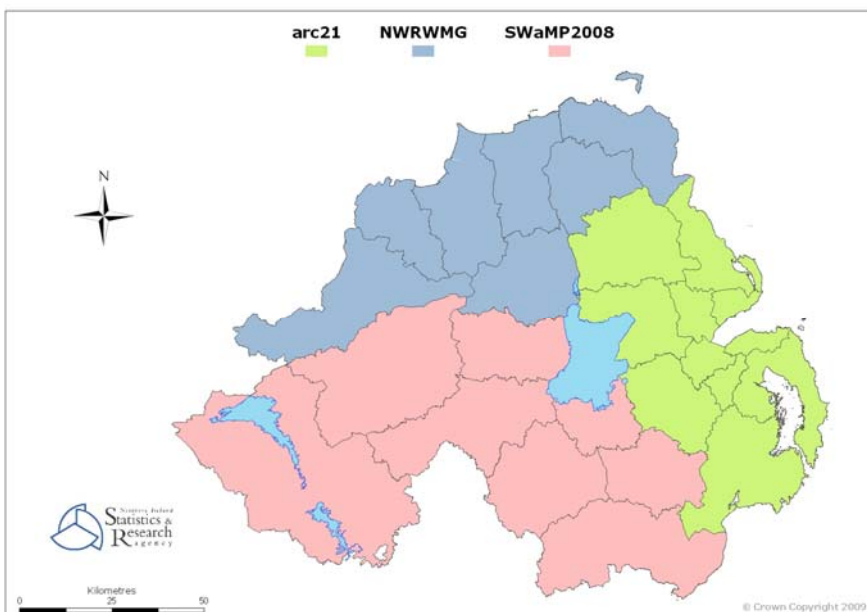
Introduction

This is the April-June 2009 Northern Ireland Municipal Waste Management Statistics report, providing figures on the tonnage of municipal waste collected and managed in Northern Ireland. Municipal waste is waste under the control or possession of a district council and includes household waste. WasteDataFlow (WDF) is the web based system for municipal waste data reporting by UK local authorities to government. The data in this report is based on returns made to the WDF by district councils at the end of the quarter.

In Northern Ireland, there are 26 district councils which are split into three waste management groups. arc21 has the biggest population size with 54% of the population of Northern Ireland living in it followed by SWaMP2008 with 28% of the population and NWRWMG with 19% of the population. They are split as follows:

1. arc21 - Antrim, Ards, Ballymena, Belfast, Castlereagh, Carrickfergus, Down, Larne, Lisburn, Newtownabbey, North Down
2. North West Regional Waste Management Group (NWRWMG) - Ballymoney, Coleraine, Derry, Limavady, Magherafelt, Moyle, Strabane
3. Southern Waste Management Partnership (SWaMP2008) - Armagh, Banbridge, Cookstown, Craigavon, Dungannon, Fermanagh, Newry, Omagh

Map of the waste management groups in Northern Ireland



Quarterly provisional figures

This report contains nine key measurements on waste for the quarter for the three waste management groups in Northern Ireland. The accompanying EXCEL tables contain a further breakdown of each of the key measurements by district council. All the figures in the report and the accompanying tables are quarterly figures only and refer to the current period. Comparative figures for the previous year are based on the most up-to-date figures available via WDF, and may differ from previously published figures.

Statistical Note

This report has been prepared by the Northern Ireland Statistics and Research Agency (NISRA) along with the Northern Ireland Environment Agency (NIEA). The data are provisional and may change when all returns have a completed validation at the end of the year. The data were downloaded from WDF on 2 October 2009. At that time, all the district councils had made a return, giving a 100% response rate. Please note the following throughout the report:

- Totals may not add up due to rounding.
- For figures less than 0.5 or 0.5%, the value recorded is '0'
- Recycling, composting and landfill figures may not add up to waste arisings as reuse figures are not included
- Collected waste will not always equal sent waste e.g. due to contamination.

Please refer to the glossary for further clarification of the key terms and any further issues in relation to the data.

As this is an environmental publication, no hard copies have been published. However, hard copies and alternative formats are available on request. Such requests and further queries on municipal waste statistics should be directed to Central Statistics and Research Branch (contact details below).

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Municipal waste arisings

Figure 1 Municipal waste arisings by waste management group

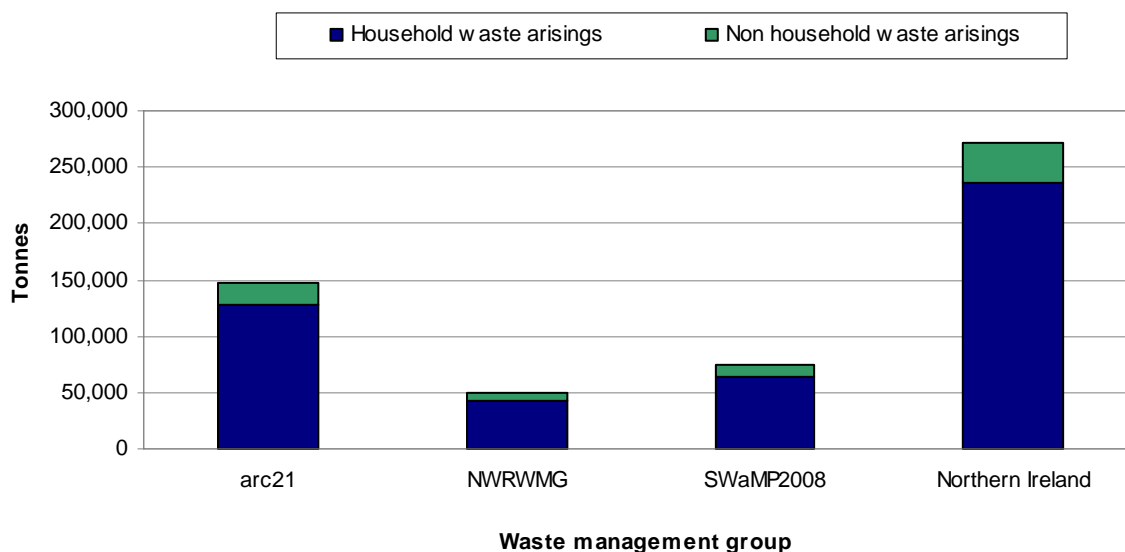


Table 1 Municipal waste arisings by waste management group

	arc21	NWRWVG	SWaMP2008	Northern Ireland	Unit: Tonnes
Household waste arisings	128,273	43,151	64,443	235,867	
Non household waste arisings	19,757	6,366	9,531	35,654	
Municipal waste arisings	148,030	49,517	73,974	271,521	
<i>Source: NIEA</i>					

- During the quarter, there were 271,521 tonnes of waste collected. Of this, 87% was household waste and 13% was non household waste.
- The biggest waste management group was arc21 which collected 55% of the overall municipal waste during this quarter.
- The amount of municipal waste arising remained fairly constant this quarter compared to that for April - June 2008 (273,419 tonnes).
- Tables A1 and A2 in the accompanying Excel document show a further breakdown of these figures by district council.

Municipal waste recycling and composting rate

Figure 2 Municipal waste recycling and composting rate by waste management group

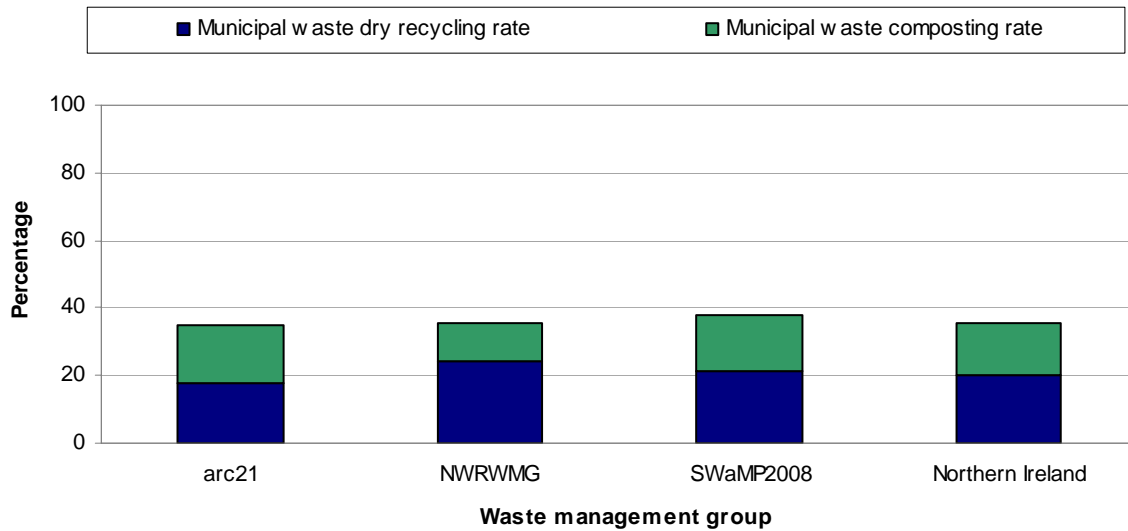


Table 2 Municipal waste recycling and composting rate by waste management group

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste dry recycling rate	17.7	24.1	21.4	19.9	
Municipal waste composting rate	17.0	11.3	16.3	15.8	
Municipal waste dry recycling and composting rate	34.7	35.4	37.8	35.7	
<i>Source: NIEA</i>					

- The municipal waste recycling rate as a percentage of the municipal waste arisings for Northern Ireland for this quarter was 20%. The municipal composting rate for the quarter was 16%.
- The municipal waste recycling and composting rate for Northern Ireland was 36%.
- The municipal waste recycling and composting rate this quarter has risen by 3 percentage points compared to that for April - June 2008.
- Tables A3 and A4 in the accompanying Excel document show a further breakdown of these figures by district council.

Percentage of municipal waste landfilled

Figure 3 Percentage of municipal waste sent for landfill by waste management group

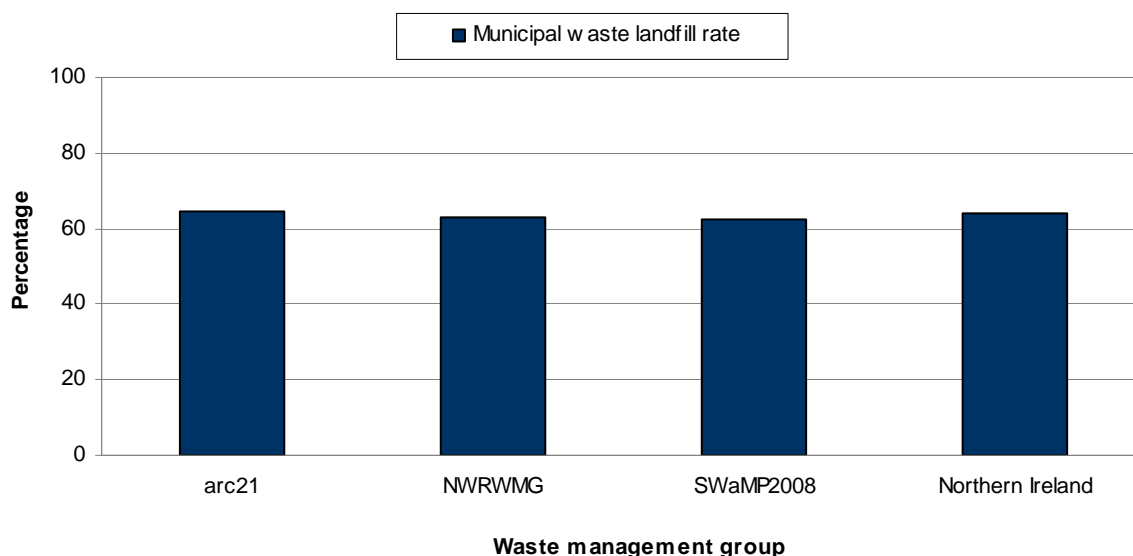


Table 3 Percentage of municipal waste sent for landfill by waste management group

	arc21	NWRWMG	SWaMP2008	Unit: Percentage Northern Ireland
Municipal waste landfill rate	64.7	63.2	62.4	63.8
<i>Source: NIEA</i>				

- The total tonnage of municipal waste sent to landfill for this quarter was 173,214 tonnes.
- The percentage of municipal waste sent to landfill as a percentage of the municipal waste arisings in Northern Ireland for the current quarter was 64%.
- The percentage of municipal waste landfilled this quarter was 2 percentage points lower compared to that for April - June 2008.
- Tables A3 and A4 in the accompanying Excel document show a further breakdown of these figures by district council.

Municipal waste collected for recycling by material types

Figure 4 Municipal waste material types collected for recycling

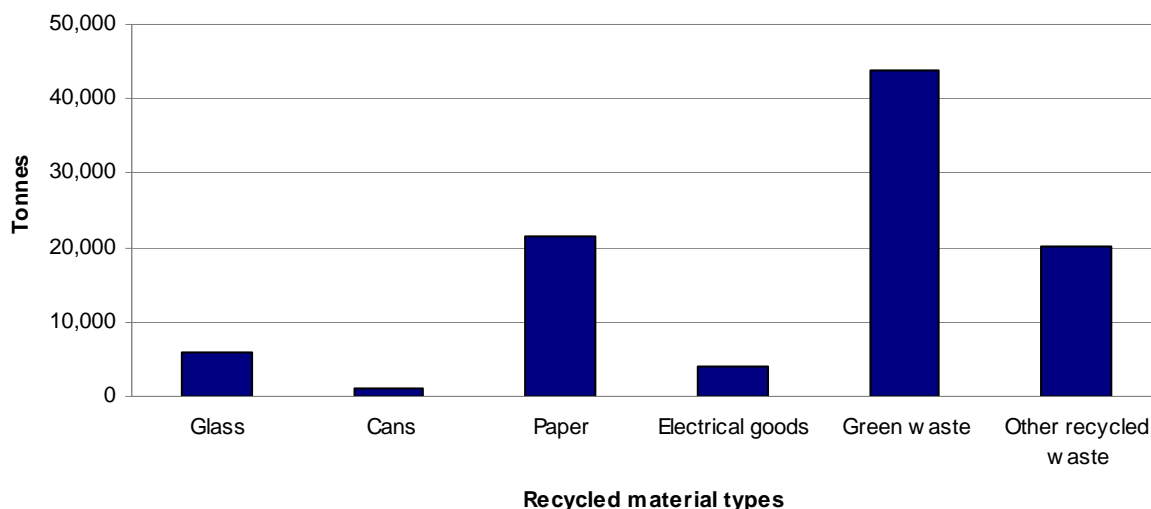


Table 4 Municipal waste material types collected for recycling by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Glass	3,187	1,029	1,770	5,986
Cans	445	417	344	1,206
Paper	10,730	3,731	6,942	21,403
Electrical goods	2,211	682	1,019	3,912
Green waste	25,273	5,610	12,981	43,864
Other recycled waste	11,225	2,965	5,993	20,183
All recycled waste collected	53,071	14,434	29,048	96,554
<i>Source: NIEA</i>				

- Collected recycled waste is not always sent for recycling, e.g. due to contamination.
- During the quarter, 43,864 tonnes of green waste were collected which is 45% of the total recycled waste collected. In total, 21,403 tonnes of paper and 20,183 tonnes of other recycled waste were collected.
- The percentage of recycled green waste collected this quarter was 3 percentage points higher than that for April – June 2008.
- Tables A5, A6, A7 and A8 in the accompanying Excel document show a further breakdown of these figures by district council.

Municipal waste collected for disposal to landfill

Figure 5 Municipal waste collected for disposal to landfill

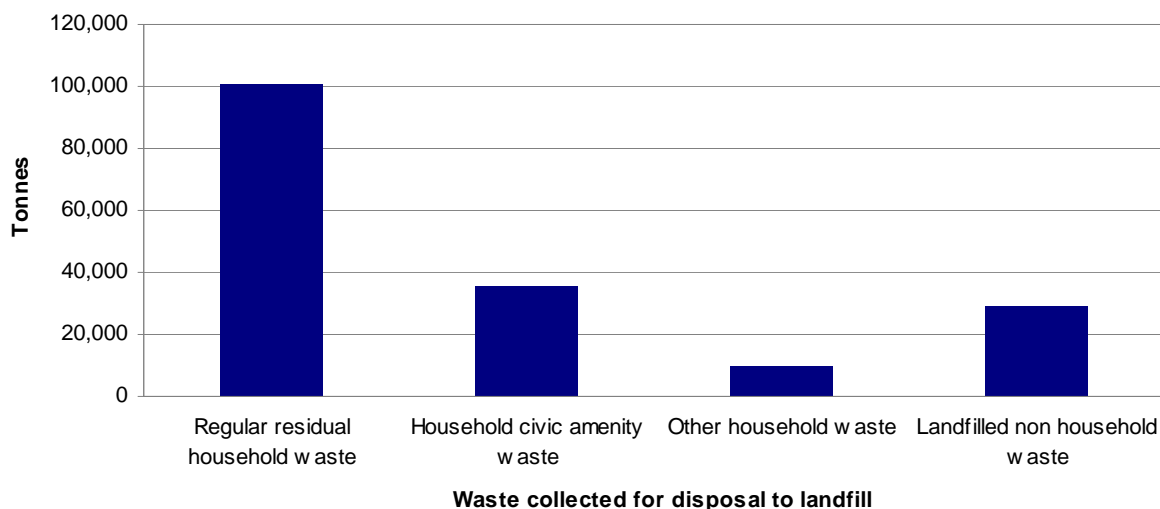


Table 5 Municipal waste collected for disposal to landfill by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Regular residual household waste	55,843	19,822	25,218	100,884
Household civic amenity waste	17,303	7,918	10,543	35,764
Other household waste	5,945	1,700	1,955	9,600
Landfilled non household waste	15,867	5,643	7,210	28,720
All landfilled municipal waste	94,959	35,083	44,926	174,967
<i>Source: NIEA</i>				

- Waste collected for landfill may not be sent to landfill, e.g. diverted for recovery via material recovery facility (MRF).
- There was 174,967 tonnes of municipal waste collected for disposal to landfill.
- The majority (84%) of the landfill waste collected was from households with the remainder (16%) collected from non households.
- Table A9 in the accompanying Excel document shows a further breakdown of these figures by district council.

Household waste recycling and composting rate

Figure 6 Household waste recycling and composting rate by waste management group

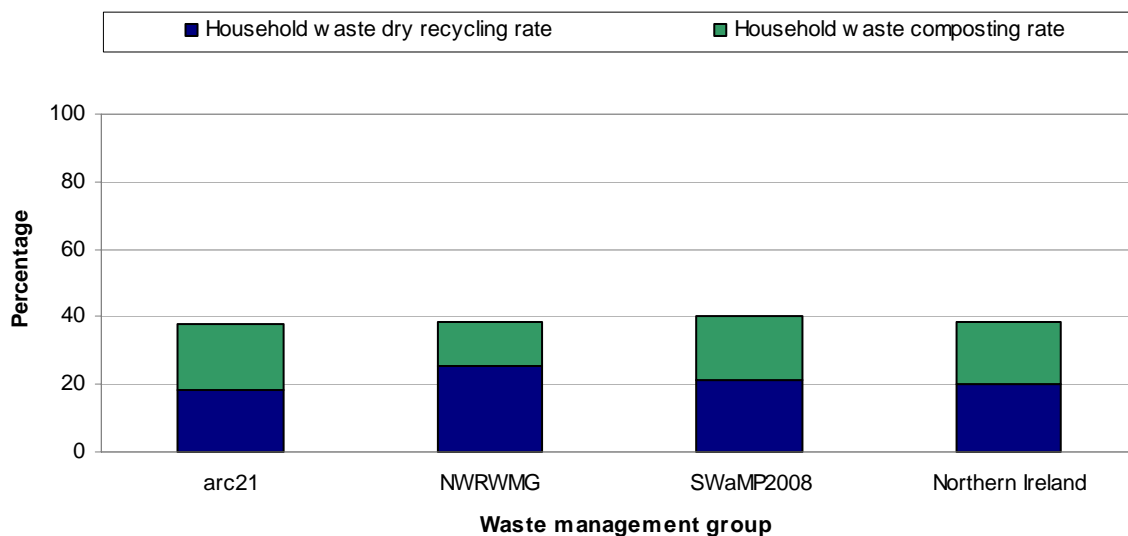


Table 6 Household waste recycling and composting rate by waste management group

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste dry recycling rate	18.1	25.4	21.3	20.3	
Household waste composting rate	19.6	13.0	18.7	18.2	
Household waste dry recycling and composting rate	37.7	38.4	40.1	38.5	

- The household waste recycling rate as a percentage of the household waste arisings for Northern Ireland for the current quarter was 20%. The household composting rate for the quarter was 18%.
- The household waste recycling and composting rate for Northern Ireland was 39%.
- The household waste recycling and composting rate this quarter was 3 percentage points higher compared to that for April - June 2008.
- Tables A10 and A11 in the accompanying Excel document show a further breakdown of these figures by district council.

Percentage of household waste landfilled

Figure 7 Percentage of household waste sent to landfill by waste management group

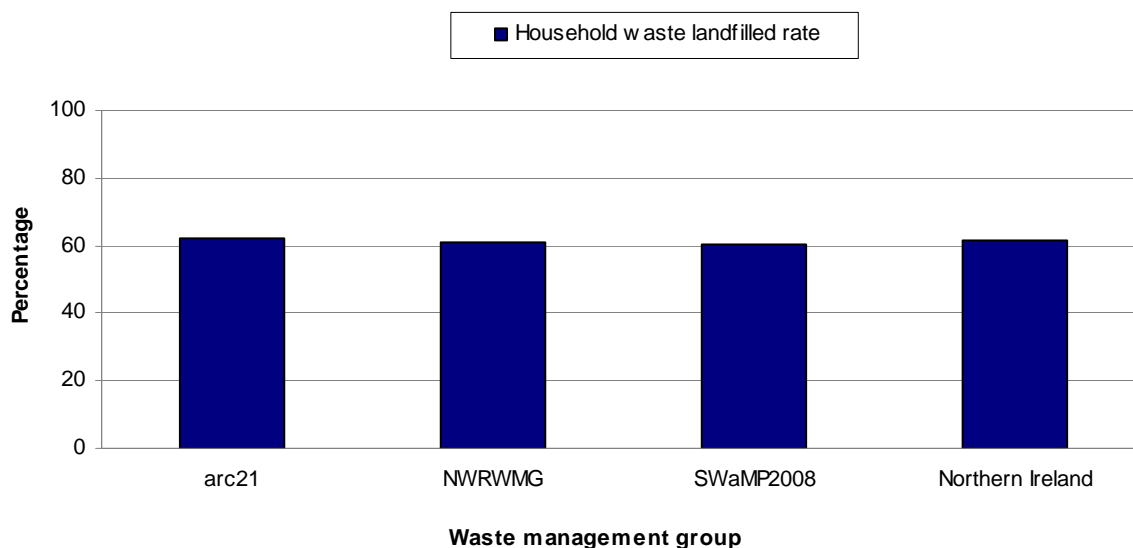


Table 7 Percentage of household waste sent to landfill by waste management group

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste landfilled rate	62.3	61.0	60.4	61.5	
<i>Source: NIEA</i>					

- The total tonnage of household waste sent for landfill for this quarter was 145,142 tonnes.
- The household waste landfilled rate, i.e. the percentage of household waste sent to landfill as a percentage of the household waste arisings in Northern Ireland for the current quarter, was 62%.
- The percentage of household waste landfilled this quarter was 2 percentage points lower than that for April - June 2008.
- Tables A10 and A11 in the accompanying Excel document show a further breakdown of these figures by district council.

Household waste arisings per capita

Figure 8 Household waste arisings per capita by waste management group

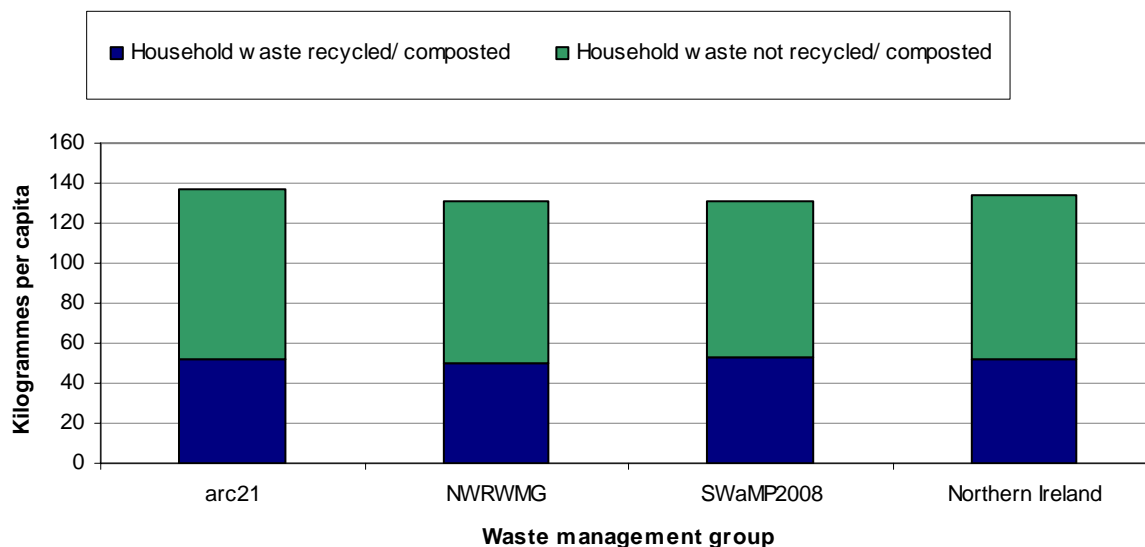


Table 8 Household waste arisings per capita by waste management group

	Unit: Kilogrammes per capita			
	arc21	NWRWVG	SWaMP2008	Northern Ireland
Household waste recycled/ composted	52	50	53	52
Household waste not recycled/ composted	85	81	79	82
Household waste arisings	137	131	131	134
<i>Source: NIEA</i>				

- In total, there was 134 kilogrammes of household waste arisings collected per head of population in Northern Ireland.
- Of this, 52 kilogrammes per capita of household waste was recycled / composted and 82 kilogrammes per capita of waste was not recycled / composted.
- The amount of household waste arisings per capita this quarter remained fairly constant compared to that for April - June 2008 (135kg).
- Tables A12 and A13 in the accompanying Excel document show a further breakdown of these figures by district council.

Biodegradable Municipal Waste (BMW)

Table 9 Tonnes of BMW sent to landfill

				Unit: Tonnes
	arc21	NWRWVG	SWaMP2008	Northern Ireland
BMW to landfill in quarter	50,930	18,293	24,195	93,418
09/10 allocation	251,880	89,283	128,837	470,000
% of annual allocation of BMW to landfill in quarter	20	20	19	20
<i>Source: NIEA</i>				

- Article 5(2) of the EC Landfill Directive (1999/31/EC)² requires member states to reduce the amount of Biodegradable Municipal Waste (BMW) sent to landfill, setting challenging targets. In order to ensure compliance with these targets, the amount of BMW sent to landfill is monitored.
- For 2009/10, the allocation of BMW sent to landfill for Northern Ireland is 470,000 tonnes.
- In total, 93,418 tonnes of BMW were sent to landfill during this quarter which is 20% of the annual allocation.
- Table A14 in the accompanying Excel document shows a further breakdown of these figures by district council.

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Glossary

Biodegradable waste	Any waste that is capable of undergoing anaerobic decomposition, such as food and garden waste, and paper and paperboard.
Bring site	An unmanned site with a container or a collection of containers for depositing waste
Civic amenity site	A manned site for depositing waste
Kerbside	A regular collection of waste from premises
Composting rate	The percentage of waste sent for composting. It excludes waste collected for composting that was rejected at collection or during sorting. It includes residual waste which was diverted for composting.
Dry recycling rate	The percentage of waste sent for recycling. It excludes waste collected for recycling that was rejected at collection, during sorting or at the gate of the recycling reprocessor. It includes residual waste which was diverted for recycling. It excludes waste sent for reuse.
Household waste	Waste collected by the district council from household sources, i.e. domestic properties including residential and nursing homes.
Municipal non household waste	Waste collected by the district council from non household sources.
Municipal waste	Waste under the control or possession of a district council.
Recycled material types	
Glass	Brown, clear, green and mixed glass
Cans	Aluminium, mixed and steel cans
Paper	Books, card, mixed and paper
Electrical goods	Large and small domestic appliances, cathode rays, fluorescent tubes, fridges and freezers and batteries
Green waste	Green and other composting waste
Other waste	All other recycled material collected including plastics, wood, tyres, furniture, construction, oils and other materials.
Waste arisings	The amount of waste collected in a given locality over a period of time.
WasteDataFlow	The web based system for municipal waste data reporting by UK local authorities to government
Waste collected for disposal to landfill	
Regular residual household waste	Household regular collection
Household civic amenity waste	Household civic amenity collection
Other household waste	Healthcare waste, bulky waste, street cleaning and other household
Landfilled non household waste	Asbestos, beach cleansing, civic amenity sites waste, fly-tipped materials, gully emptyings, commercial & industrial, construction and demolition, grounds waste, highways waste, other collected waste and other
Waste sent to landfill	The percentage of waste sent to landfill. It excludes residual waste which was diverted for recovery via material recovery facility (MRF). It includes household waste collected for recycling or composting which was diverted to landfill.