



Department of the
Environment
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Northern Ireland Municipal Waste Management Statistics

April – June 2010 – provisional estimates



Quarterly provisional figures

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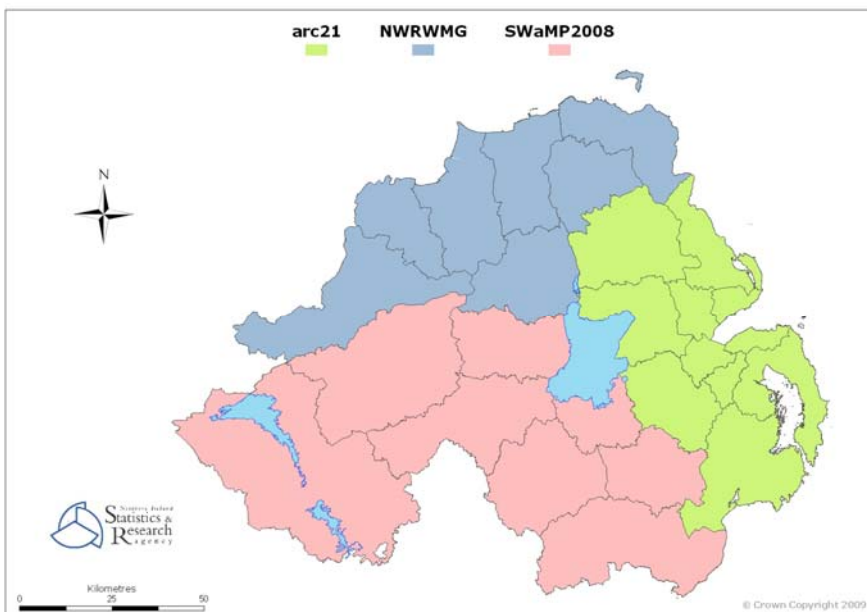
Introduction

This is the April - June 2010 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 53% 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 summary information on nine key measurements of municipal waste for the quarter, for the three waste management groups in Northern Ireland. Some of these measurements are known as key performance indicators (KPIs), and where appropriate this is highlighted in the tables and charts. Key performance indicators are used to assess progress towards achieving waste strategy targets. 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 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 30 September 2010. 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'
- The tonnages of recycled (including composted) and landfilled waste may not always equal the waste arisings because the recycling measures were defined to capture outputs from recovery processes which excludes reuse
- The tonnages of waste collected for recycling or disposal may not always equal the tonnages of waste sent to the same, because of contamination of recyclates and / or recovery from residual waste streams.

Please refer to the glossary for further clarification of the key terms and the user information section for further information on quality of data used and guidance to assist with interpretation.

Quarterly provisional figures

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, KPI (j)

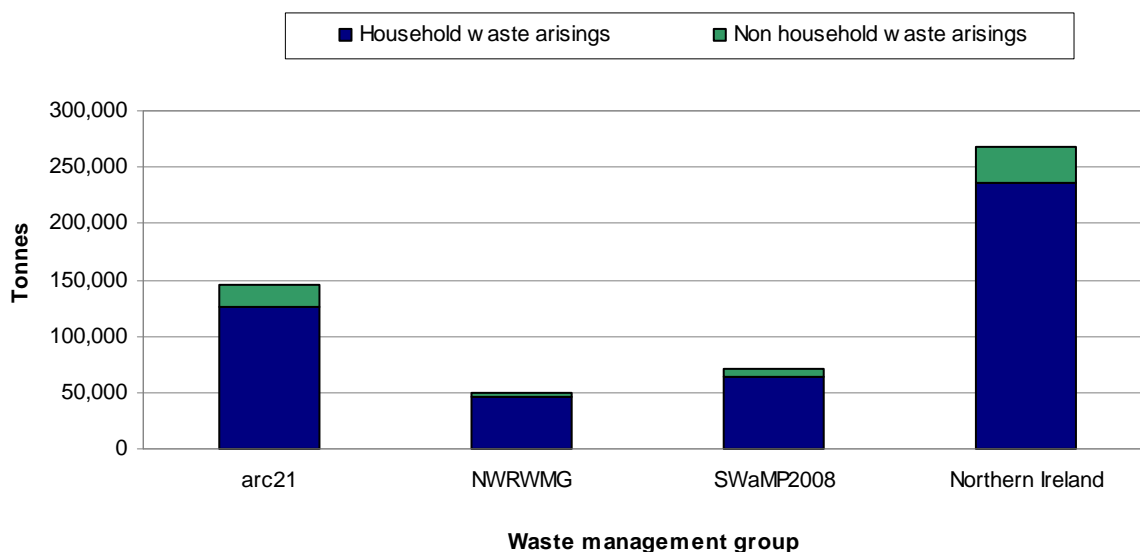


Table 1 Municipal waste arisings by waste management group, KPI (j)

	arc21	NWRWVG	SWaMP2008	Northern Ireland	Unit: Tonnes
Household waste arisings	126,595	46,079	64,251	236,925	
Non household waste arisings	18,925	4,152	7,612	30,689	
Total municipal waste arisings	145,520	50,231	71,863	267,615	
<i>Source: NIEA</i>					

- During the quarter, there were 267,615 tonnes of waste collected. Of this, 89% was household waste and 11% was non household waste.
- The biggest waste management group was arc21 which collected 54% of the overall municipal waste during this quarter.
- The amount of municipal waste arising fell by 1.5% this quarter compared to that for April - June 2009 (271,824).
- Tables A1 and A2 in the accompanying Excel document show a further breakdown of these figures by district council.

Municipal waste recycling and composting

Figure 2 Municipal waste sent for recycling and composting as a % of total municipal waste arisings by waste management group, KPI (e)

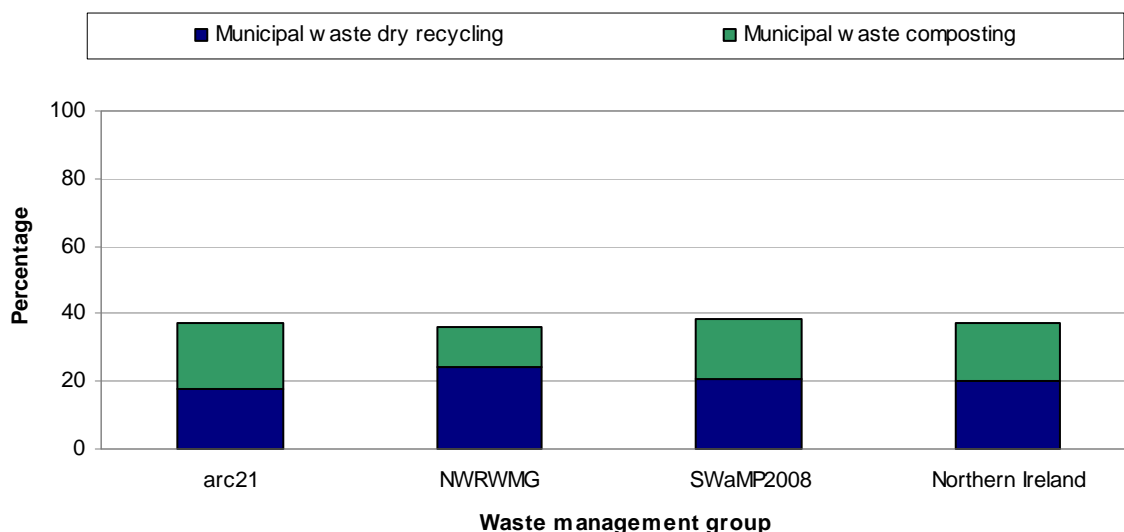


Table 2 Municipal waste sent for recycling and composting as a % of total municipal waste arisings by waste management group, KPI (e)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste dry recycling	18.0	24.5	20.7	20.0	
Municipal waste composting	19.3	11.6	17.6	17.4	
Municipal waste dry recycling and composting	37.4	36.1	38.3	37.4	
<i>Source: NIEA</i>					

- The percentage of municipal waste sent for recycling in this quarter was 20.0%, with the proportion sent for composting for the quarter equalling 17.4%.
- The total proportion of municipal waste sent for recycling and composting in this quarter was 37.4%. This is a rise of 1.7 percentage points compared to the April - June 2009 rate of 35.7%
- Tables A3 and A4 in the accompanying Excel document show a further breakdown of these figures by district council.

Municipal waste landfilled

Figure 3 Municipal waste landfilled as a % of total municipal waste arisings by waste management group, KPI (f)

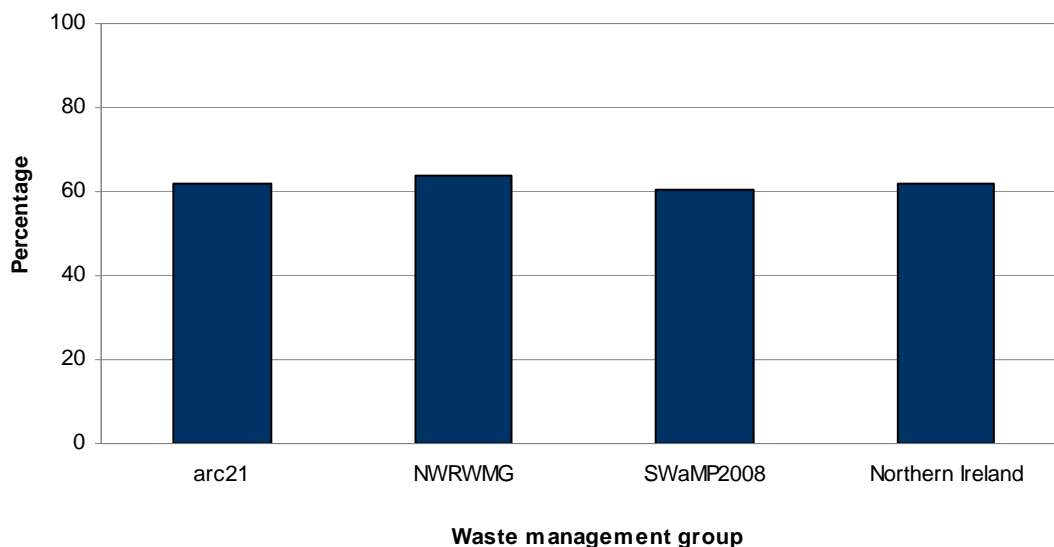


Table 3 Municipal waste landfilled as a % of total municipal waste arisings by waste management group, KPI (f)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste landfilled	61.8	63.6	60.3	61.7	
<i>Source: NIEA</i>					

- The total tonnage of municipal waste sent to landfill for this quarter was 165,190 tonnes.
- The percentage of municipal waste sent to landfill in the current quarter was 61.7%. This was 1.9 percentage points lower compared to that for April - June 2009 (63.6%).
- 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

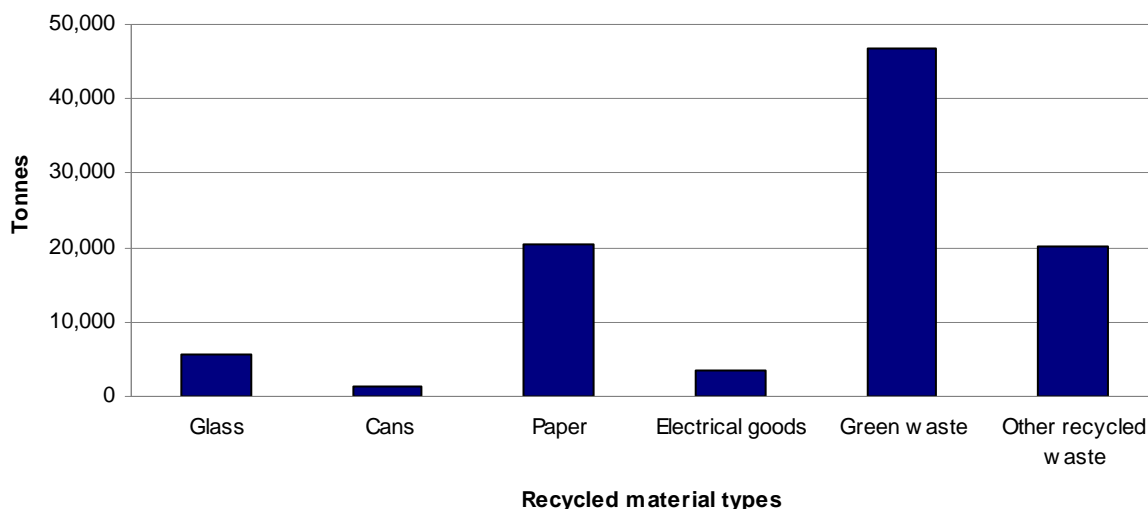


Table 4 Municipal waste material types collected for recycling by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Glass	3,264	894	1,568	5,726
Cans	633	300	314	1,247
Paper	10,275	3,832	6,403	20,510
Electrical goods	2,016	633	942	3,591
Green waste	28,143	5,843	12,894	46,880
Other recycled waste	10,820	3,295	5,952	20,067
All recycled waste collected	55,151	14,797	28,073	98,021
<i>Source: NIEA</i>				

- Collected recycled waste is not always sent for recycling due to contamination of recyclates.
- During the quarter, 46,880 tonnes of green waste were collected which is 48% of the total recycled waste collected. In total, 20,510 (21%) tonnes of paper and 20,067 (20%) tonnes of other recycled waste were collected.
- Looking at the remaining material types, 6% of recycled waste collected was glass, 4% was electrical goods and 1% was cans.
- 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

Figure 5 Municipal waste collected for disposal

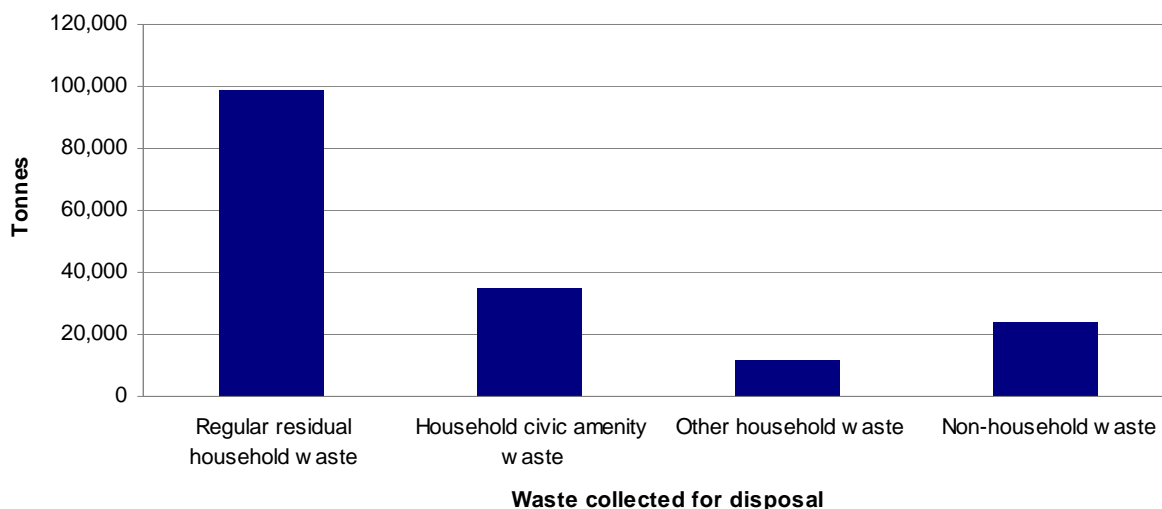


Table 5 Municipal waste collected for disposal by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Regular residual household waste	52,885	19,652	25,938	98,474
Household civic amenity waste	15,413	10,070	9,659	35,143
Other household waste	7,167	2,221	2,484	11,872
Non-household waste	14,904	3,490	5,710	24,104
All municipal waste collected for disposal	90,369	35,434	43,790	169,594
<i>Source: NIEA</i>				

- Waste collected for disposal may not always be sent to landfill because of recovery from residual waste streams.
- There were 169,594 tonnes of municipal waste collected for disposal.
- The majority of the waste collected for disposal was from households (86%) with the remaining 14% 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

Figure 6 Household waste sent for recycling and composting as a % of household waste arisings by waste management group, KPI (a)

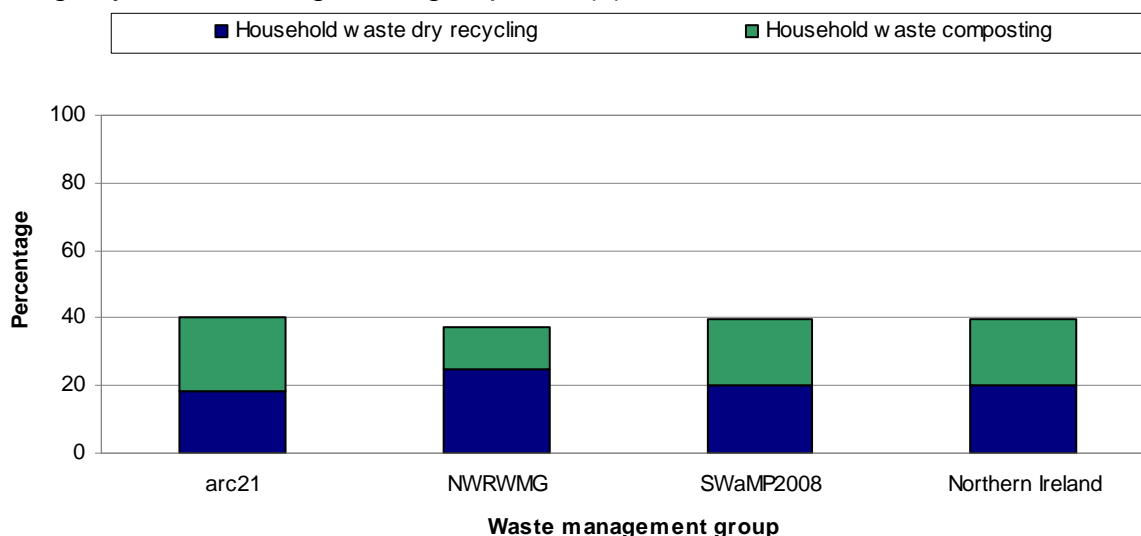


Table 6 Household waste sent for recycling and composting as a % of household waste arisings by waste management group, KPI (a)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste dry recycling	18.4	24.6	20.2	20.1	
Household waste composting	22.2	12.7	19.7	19.6	
Household waste dry recycling and composting	40.5	37.3	39.9	39.7	
<i>Source: NIEA</i>					

- The proportion of household waste sent for recycling in the current quarter was just over 20%. The proportion of household waste sent for composting in the quarter was almost 20%.
- The total percentage of household waste sent for recycling and composting was 39.7%. This is an increase of 1.2 percentage points on the April - June 2009 figure of 38.5%.
- 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 Household waste landfilled as a % of household waste arisings by waste management group, KPI (b)

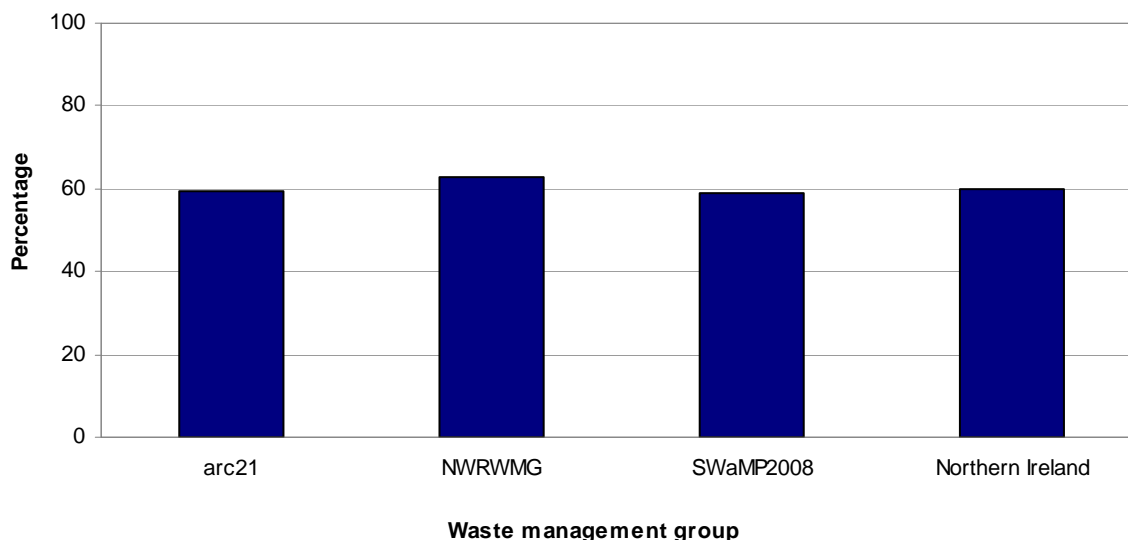


Table 7 Household waste landfilled as a % of household waste arisings by waste management group, KPI (b)

	arc21	NWRWVG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste landfilled	59.3	62.6	58.8	59.8	
<i>Source: NIEA</i>					

- The total tonnage of household waste sent to landfill for this quarter was 141,651 tonnes.
- The percentage of household waste sent to landfill in the current quarter was 59.8%. This is 1.5 percentage points lower compared to that for April - June 2009 (61.3%).
- 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, KPI (p)

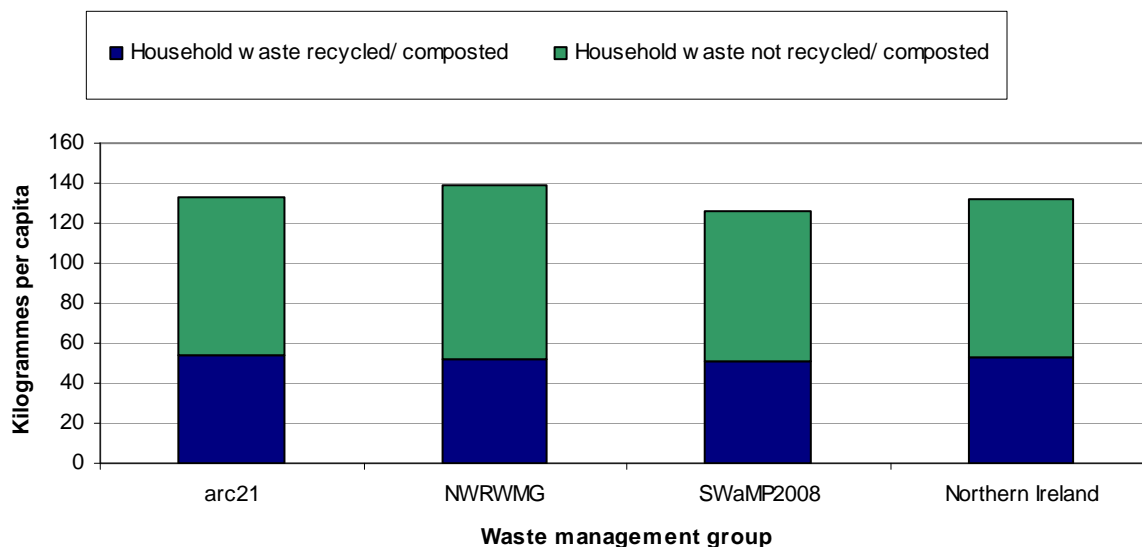


Table 8 Household waste arisings per capita by waste management group, KPI (p)

	Unit: Kilogrammes per capita			
	arc21	NWRWMG	SWaMP2008	Northern Ireland
Household waste recycled/ composted	54	52	51	53
Household waste not recycled/ composted	79	87	75	79
Household waste arisings	133	139	127	132
<i>Source: NIEA, NISRA Mid-Year Populations Estimates 2009</i>				

- On average, there was 132 kilogrammes of household waste arisings collected per head of population in Northern Ireland.
- Of this, 40% was recycled / composted and 60% was not recycled / composted.
- SWaMP2008 had the lowest household waste arisings per capita (127kg/ca) and NWRWMG had the highest (139kg/ca).
- Tables A12 in the accompanying Excel document shows a further breakdown of these figures by district council, and Table A13 provides a breakdown of household waste arisings per household, KPI (h).

Biodegradable Municipal Waste (BMW) to landfill

Table 9 Biodegradable Municipal Waste (BMW) landfilled, KPI (g)

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
BMW to landfill in quarter	48,476	19,350	23,515	91,341
10/11 allocation	251,256	89,460	129,221	469,937
% of annual allocation of BMW to landfill in quarter	19.3	21.6	18.2	19.4
<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 2010/11, the allocation of BMW sent to landfill for Northern Ireland is 469,937 tonnes.
- In total, 91,341 tonnes of BMW were sent to landfill during the quarter. This equates to 19.4% of the annual allocation.
- Tables A14 in the accompanying Excel document show a further breakdown of these figures by district council.

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 recyclable 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 recycling or composting. It includes household waste collected for recycling or composting which was diverted to landfill.
Key Performance Indicators (KPIs)	A set of measures used to gauge performance in terms of meeting waste strategy targets.

User Information

This section contains some information about the quality of the data used in the Northern Ireland Municipal Waste Management Statistics Report including guidance to assist with interpretation.

Description of the data

Data used in this report and the accompanying Excel tables are taken from WasteDataFlow (WDF), a web based system for municipal waste reporting by UK local authorities for government. The Excel tables provide users with flexibility to work with data and / or to combine it with other sources. The data are based on returns made to WDF (relating to approximately 40 questions on municipal waste management) by district councils within two months of the end of each quarter.

Population data used to calculate KPI(p), Household waste arisings per capita, are taken from the most recently available mid-year population estimates that are produced by NISRA. Household data used to calculate KPI(h), Household waste arisings per household (see appendix Table A13), are based on the number of households at the 2001 Northern Ireland Census plus quarterly housing completion figures provided by the Department for Social Development.

Data Quality Assessment

High quality data are derived from WDF with full coverage for all district councils and incorporating various validation checks. As the data are derived from an administrative system, they provide a complete picture of district council controlled waste activity in NI and sampling errors associated with survey data are not, therefore, an issue. Validations are conducted for each individual question, with additional global validations carried out to ensure that total tonnage of waste types is equal to the sum of the component parts. Any discrepancies are queried with the data provider. Variance checks are employed as an integral part of the production process. Both large and very small discrepancies between the current and preceding quarter as well as the corresponding quarter from the previous year are all queried with the data provider.

Quarterly provisional figures

Guidance on using the data

- All figures in the report and the accompanying Excel tables are quarterly figures only and refer to the stated period. These quarterly figures are the best available at the time of publication however they are subject to change following further validation activities such as audits. If finalised figures are required by the user then those from the latest annual municipal waste management report should be used, bearing in mind they may not necessarily reflect the situation this year.
- Despite the intensive validation carried out on the data prior to publication, any administrative system will always be open to a degree of clerical error. In addition, and as previously noted, data are not finalised until the production of the annual report. For these reasons, very small increases or decreases in figures ($< 0.5\%$) are not highlighted in the commentary and should be interpreted with care.
- Some of the data in this publication are seasonal, such as composting tonnages. Therefore it is more appropriate to compare current quarter data with that from the same quarter of the previous year rather than the previous quarter.
- Comparative figures for the previous year are based on the most current figures available from WDF and may differ from those previously published.
- The tonnages of recycled (including composted) and landfilled waste may not always equal the waste arisings because the recycling measures were defined to capture outputs from recovery processes which excludes reuse.
- The tonnages of waste collected for recycling or disposal may not always equal the tonnages of waste sent to the same, because of contamination of recyclates and / or recovery from residual waste streams.
- Whilst tonnages may be summed over District Councils and / or Waste Management Group to give totals for higher level geographies such totals may suffer from rounding errors when compared to any given totals.

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- However where fractions or proportions, such as recycling rates, waste arisings per capita etc are stated for District Councils and / or Waste Management Groups, these indicators cannot be simply added or averaged to produce a rate for a higher level geography. However such information may be available on request.
- 'Towards Resource Management: The NI Waste Management Strategy 2006-2020' sets out targets for the management of municipal waste. The quarterly reports provide provisional information on several key performance indicators (KPIs) used to assess progress towards achieving municipal waste targets.

Web links

Municipal waste information for Northern Ireland

http://www.ni-environment.gov.uk/waste-home/municipal_data_reporting.htm

Municipal waste information for England

<http://www.defra.gov.uk/evidence/statistics/environment/waste/index.htm>

Municipal waste information for Scotland

www.sepa.org.uk/waste/waste_data/municipal_waste.aspx

Municipal waste information for Wales

http://wales.gov.uk/topics/environmentcountryside/epg/waste_recycling/bysector/municipal/?lang=en

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[Glossary](#)

Note: This is a presentation of municipal waste statistics afforded by the quarterly reporting to WasteDataFlow. For 2010/11 the data are provisional and the final figures will be released in December 2011, taking into account data revisions and provision of missing data.

Table A1: Municipal waste arisings, KPI(j), by type by district council

Unit: Tonnage

Area	Household waste arisings	Non household waste arisings	Municipal waste arisings
arc21			
Antrim	8,216	1,636	9,852
Ards	11,251	982	12,233
Ballymena	8,234	713	8,947
Belfast	33,603	7,027	40,630
Carrickfergus	5,403	827	6,230
Castlereagh	8,256	514	8,770
Down	8,476	1,132	9,607
Larne	4,479	1,045	5,523
Lisburn	15,290	1,705	16,995
Newtownabbey	12,688	853	13,541
North Down	10,699	2,493	13,192
All arc21	126,595	18,925	145,520
NWRWMG			
Ballymoney	3,724	496	4,220
Coleraine	9,153	830	9,982
Derry	14,856	1,232	16,088
Limavady	5,075	40	5,114
Magherafelt	5,896	944	6,839
Moyle	2,288	283	2,570
Strabane	5,089	328	5,416
All NWRWMG	46,079	4,152	50,231
SWaMP2008			
Armagh	7,043	869	7,912
Banbridge	7,257	684	7,941
Cookstown	4,670	749	5,420
Craigavon	11,802	1,072	12,874
Dungannon	7,590	494	8,084
Fermanagh	7,741	1,407	9,148
Newry and Mourne	11,809	1,688	13,497
Omagh	6,339	649	6,988
All SWaMP2008	64,251	7,612	71,863
Northern Ireland	236,925	30,689	267,615

Source: NIEA

Table A2: Municipal waste arisings, KPI(j), by collection method by district council

Area					Unit: Tonnage
	Kerbside	Civic amenity site	Bring site	Other method	Municipal waste arisings
arc21					
Antrim	5,050	4,230	49	523	9,852
Ards	7,406	4,184	162	481	12,233
Ballymena	6,183	2,275	82	408	8,947
Belfast	30,748	6,992	180	2,710	40,630
Carrickfergus	4,213	1,872	48	96	6,230
Castlereagh	6,612	1,629	56	472	8,770
Down	6,869	2,219	81	438	9,607
Larne	3,398	1,113	88	924	5,523
Lisburn	11,541	4,506	173	776	16,995
Newtownabbey	8,923	4,008	11	598	13,541
North Down	8,518	3,909	173	591	13,192
All arc21	99,462	36,938	1,102	8,017	145,520
NWRWMG					
Ballymoney	2,942	1,028	52	199	4,220
Coleraine	5,262	3,919	97	704	9,982
Derry	9,055	5,765	126	1,143	16,088
Limavady	3,214	1,836	65	0	5,114
Magherafelt	4,394	2,203	22	221	6,839
Moyle	1,663	818	49	40	2,570
Strabane	3,049	2,057	124	187	5,416
All NWRWMG	29,578	17,625	534	2,493	50,231
SWaMP2008					
Armagh	4,975	2,505	74	358	7,912
Banbridge	4,757	2,934	23	226	7,941
Cookstown	3,274	1,805	89	252	5,420
Craigavon	8,497	3,633	127	616	12,874
Dungannon	5,089	2,678	72	245	8,084
Fermanagh	5,509	3,085	117	437	9,148
Newry and Mourne	8,309	4,293	187	709	13,497
Omagh	4,159	2,599	79	151	6,988
All SWaMP2008	44,570	23,532	769	2,992	71,863
Northern Ireland	173,610	78,096	2,405	13,503	267,615

Source: NIEA

Table A3: Tonnage of municipal waste sent for recycling, composting and landfill by district council

Unit: Tonnage

Area	Municipal waste dry recycling	Municipal waste composting	Municipal waste dry recycling and composting	Municipal waste landfilled	Municipal waste arisings
arc21					
Antrim	2,702	2,354	5,057	4,720	9,852
Ards	2,238	2,792	5,030	7,178	12,233
Ballymena	1,583	1,719	3,302	5,645	8,947
Belfast	6,240	5,028	11,268	29,310	40,630
Carrickfergus	1,260	1,438	2,698	3,532	6,230
Castlereagh	1,747	2,027	3,774	4,924	8,770
Down	1,440	1,469	2,908	6,680	9,607
Larne	1,018	1,172	2,189	3,323	5,523
Lisburn	3,382	3,957	7,339	9,614	16,995
Newtownabbey	2,234	3,231	5,465	8,018	13,541
North Down	2,380	2,945	5,326	6,928	13,192
All arc21	26,222	28,133	54,355	89,874	145,520
NWRWMG					
Ballymoney	813	786	1,599	2,621	4,220
Coleraine	2,099	1,239	3,338	6,575	9,982
Derry	4,314	673	4,988	11,101	16,088
Limavady	1,289	740	2,029	3,032	5,114
Magherafelt	1,721	1,764	3,485	3,354	6,839
Moyle	684	236	921	1,647	2,570
Strabane	1,384	404	1,788	3,628	5,416
All NWRWMG	12,305	5,843	18,148	31,958	50,231
SWaMP2008					
Armagh	1,921	1,623	3,544	4,339	7,912
Banbridge	1,560	2,810	4,370	3,571	7,941
Cookstown	1,147	1,120	2,267	3,114	5,420
Craigavon	2,258	2,413	4,671	7,570	12,874
Dungannon	1,676	1,257	2,933	5,088	8,084
Fermanagh	2,271	684	2,955	6,163	9,148
Newry and Mourne	2,318	1,648	3,966	9,530	13,497
Omagh	1,741	1,094	2,836	3,984	6,988
All SWaMP2008	14,892	12,649	27,541	43,358	71,863
Northern Ireland	53,419	46,624	100,043	165,190	267,615

Source: NIEA

Table A4: Percentage of municipal waste sent for recycling, composting, KPI(e), and landfill, KPI(f), by district council*

Unit: Percentage

Area	Municipal waste dry recycling	Municipal waste composting	Municipal waste dry recycling and composting	Municipal waste landfilled
arc21				
Antrim	27.4	23.9	51.3	47.9
Ards	18.3	22.8	41.1	58.7
Ballymena	17.7	19.2	36.9	63.1
Belfast	15.4	12.4	27.7	72.1
Carrickfergus	20.2	23.1	43.3	56.7
Castlereagh	19.9	23.1	43.0	56.2
Down	15.0	15.3	30.3	69.5
Larne	18.4	21.2	39.6	60.2
Lisburn	19.9	23.3	43.2	56.6
Newtownabbey	16.5	23.9	40.4	59.2
North Down	18.0	22.3	40.4	52.5
All arc21	18.0	19.3	37.4	61.8
NWRWMG				
Ballymoney	19.3	18.6	37.9	62.1
Coleraine	21.0	12.4	33.4	65.9
Derry	26.8	4.2	31.0	69.0
Limavady	25.2	14.5	39.7	59.3
Magherafelt	25.2	25.8	51.0	49.0
Moyle	26.6	9.2	35.8	64.1
Strabane	25.6	7.5	33.0	67.0
All NWRWMG	24.5	11.6	36.1	63.6
SWaMP2008				
Armagh	24.3	20.5	44.8	54.8
Banbridge	19.7	35.4	55.0	45.0
Cookstown	21.2	20.7	41.8	57.5
Craigavon	17.5	18.7	36.3	58.8
Dungannon	20.7	15.5	36.3	62.9
Fermanagh	24.8	7.5	32.3	67.4
Newry and Mourne	17.2	12.2	29.4	70.6
Omagh	24.9	15.7	40.6	57.0
All SWaMP2008	20.7	17.6	38.3	60.3
Northern Ireland	20.0	17.4	37.4	61.7

Source: NIEA

* Calculated by dividing total tonnage of municipal waste sent for recycling, composting and landfill by total municipal waste arisings

Table A5: Municipal waste material types collected for recycling by district council*

Unit: Tonnes

Area	Glass	Cans	Paper	Electrical goods	Green waste	Other recycled waste	All recycled materials collected
arc21							
Antrim	122	31	548	139	2,354	1,892	5,087
Ards	272	56	935	183	2,792	769	5,007
Ballymena	275	41	622	90	1,719	555	3,302
Belfast	731	148	2,877	550	5,028	1,884	11,218
Carrickfergus	229	33	327	77	1,438	593	2,698
Castlereagh	322	55	691	108	2,038	563	3,777
Down	128	41	706	135	1,469	410	2,891
Larne	129	23	432	85	1,172	339	2,180
Lisburn	224	74	1,269	259	3,957	1,532	7,315
Newtownabbey	547	71	849	184	3,231	583	5,465
North Down	285	59	1,018	205	2,945	1,699	6,212
All arc21	3,264	633	10,275	2,016	28,143	10,820	55,151
NWRWMG							
Ballymoney	60	25	301	61	786	288	1,521
Coleraine	176	52	669	134	1,239	579	2,849
Derry	319	94	1,154	230	673	896	3,367
Limavady	89	30	487	52	740	263	1,662
Magherafelt	76	43	561	80	1,764	785	3,308
Moyle	40	16	193	26	236	121	633
Strabane	134	39	467	51	404	362	1,458
All NWRWMG	894	300	3,832	633	5,843	3,295	14,797
SWaMP2008							
Armagh	308	47	557	84	1,623	796	3,415
Banbridge	257	35	480	113	2,810	675	4,370
Cookstown	98	22	507	58	1,120	506	2,311
Craigavon	190	36	1,175	211	2,413	620	4,645
Dungannon	100	32	744	96	1,502	767	3,240
Fermanagh	236	60	1,006	116	684	960	3,062
Newry and Mourne	235	49	1,206	166	1,648	826	4,131
Omagh	144	32	729	98	1,094	800	2,897
All SWaMP2008	1,568	314	6,403	942	12,894	5,952	28,073
Northern Ireland	5,726	1,247	20,510	3,591	46,880	20,067	98,021

Source: NIEA

* Includes waste collected at CA site, bring sites, kerbside, street recycling bins & other recycling schemes

Table A6: Municipal waste material types collected at kerbside for recycling by district council

Unit: Tonnes

Area	Glass	Cans	Paper	Electrical goods	Green waste	Other recycled waste	All recycled materials collected
arc21							
Antrim	0	31	500	0	1,260	54	1,844
Ards	0	55	880	0	2,086	95	3,116
Ballymena	232	40	498	0	1,151	77	1,998
Belfast	269	145	2,535	0	3,920	273	7,141
Carrickfergus	203	33	301	0	1,236	61	1,835
Castlereagh	230	54	607	4	1,738	111	2,744
Down	0	41	673	18	948	72	1,752
Larne	38	23	382	0	822	39	1,304
Lisburn	0	74	1,197	0	3,228	128	4,627
Newtownabbey	446	71	740	0	2,223	139	3,619
North Down	0	59	952	0	2,173	104	3,287
All arc21	1,418	624	9,265	23	20,785	1,153	33,268
NWRWMG							
Ballymoney	0	24	271	0	516	76	888
Coleraine	0	51	577	0	0	161	790
Derry	96	92	1,033	3	0	296	1,520
Limavady	0	30	379	0	369	149	927
Magherafelt	2	43	478	0	1,179	134	1,835
Moyle	0	16	190	0	0	54	261
Strabane	25	37	418	0	0	117	598
All NWRWMG	124	294	3,348	3	2,064	986	6,819
SWaMP2008							
Armagh	230	46	357	1	1,119	80	1,832
Banbridge	185	34	278	0	1,821	64	2,383
Cookstown	0	21	445	0	435	118	1,019
Craigavon	0	36	1,049	0	1,291	257	2,633
Dungannon	0	31	651	0	755	178	1,616
Fermanagh	100	59	986	0	0	338	1,483
Newry and Mourne	0	46	1,082	0	741	278	2,148
Omagh	34	32	574	0	534	170	1,344
All SWaMP2008	548	306	5,422	1	6,697	1,483	14,457
Northern Ireland	2,090	1,224	18,035	27	29,546	3,623	54,544

Source: NIEA

Table A7: Municipal waste material types collected at civic amenity sites for recycling by district council

Unit: Tonnes

Area	Glass	Cans	Paper	Electrical goods	Green waste	Other recycled waste	All recycled materials collected
arc21							
Antrim	92	0	47	139	1,095	1,822	3,195
Ards	116	1	55	183	706	668	1,729
Ballymena	0	0	101	90	568	462	1,222
Belfast	308	3	338	550	1,063	1,587	3,849
Carrickfergus	6	0	8	77	202	521	815
Castlereagh	50	0	80	104	300	441	977
Down	51	0	34	117	509	335	1,046
Larne	30	0	43	85	349	280	787
Lisburn	78	0	59	259	729	1,389	2,515
Newtownabbey	94	0	107	184	998	442	1,825
North Down	117	0	62	205	772	1,595	2,751
All arc21	942	6	935	1,994	7,291	9,543	20,710
NWRWMG							
Ballymoney	18	0	27	61	270	205	582
Coleraine	92	0	86	134	1,239	410	1,961
Derry	108	2	121	227	673	590	1,720
Limavady	32	0	108	52	371	108	671
Magherafelt	55	0	83	80	585	648	1,452
Moyle	3	0	0	26	236	18	283
Strabane	21	0	23	51	404	237	736
All NWRWMG	329	3	447	630	3,779	2,216	7,404
SWaMP2008							
Armagh	49	1	159	83	500	713	1,506
Banbridge	72	1	202	112	972	588	1,948
Cookstown	28	0	62	58	685	370	1,203
Craigavon	73	0	126	211	1,122	353	1,885
Dungannon	45	0	92	96	747	328	1,308
Fermanagh	40	1	14	116	684	608	1,463
Newry and Mourne	83	1	112	166	907	527	1,796
Omagh	49	0	153	98	560	613	1,474
All SWaMP2008	440	5	919	941	6,177	4,100	12,582
Northern Ireland	1,711	14	2,302	3,565	17,247	15,859	40,697

Source: NIEA

Table A8: Municipal waste material types collected at bring sites for recycling by district council

Unit: Tonnes

Area	Glass	Cans	Paper	Electrical goods	Green waste	Other recycled waste	All recycled materials collected
arc21							
Antrim	30	0	1	0	0	17	49
Ards	156	0	0	0	0	6	162
Ballymena	42	1	23	0	0	15	82
Belfast	155	0	0	0	0	25	180
Carrickfergus	19	0	18	0	0	11	48
Castlereagh	41	0	4	0	0	10	56
Down	77	0	0	0	0	4	81
Larne	61	0	7	0	0	19	88
Lisburn	146	0	12	0	0	14	173
Newtownabbey	7	0	2	0	0	2	11
North Down	168	0	4	0	0	1	173
All arc21	904	3	72	0	0	124	1,102
NWRWMG							
Ballymoney	42	0	2	0	0	7	52
Coleraine	84	0	6	0	0	8	97
Derry	115	1	0	0	0	10	126
Limavady	57	0	0	0	0	7	65
Magherafelt	19	0	0	0	0	3	22
Moyle	37	0	2	0	0	10	49
Strabane	88	2	26	0	0	8	124
All NWRWMG	442	3	37	0	0	53	534
SWaMP2008							
Armagh	29	0	41	0	0	4	74
Banbridge	0	0	0	0	0	23	23
Cookstown	70	1	1	0	0	18	89
Craigavon	117	0	0	0	0	10	127
Dungannon	55	0	0	0	0	17	72
Fermanagh	96	0	7	0	0	14	117
Newry and Mourne	152	2	11	0	0	21	187
Omagh	61	0	1	0	0	17	79
All SWaMP2008	580	3	62	0	0	124	769
Northern Ireland	1,925	9	170	0	0	300	2,405

Source: NIEA

Table A9: Municipal waste collected for disposal by district council

Unit: Tonnes

Area	Regular residual household waste	Household civic amenity waste	Other household waste	All household waste collected for disposal	All non-household waste collected for disposal	All municipal waste collected for disposal
arc21						
Antrim	2,617	1,035	551	4,203	561	4,764
Ards	3,478	2,270	567	6,315	911	7,226
Ballymena	3,785	1,053	479	5,318	327	5,645
Belfast	17,937	3,143	1,522	22,602	6,810	29,412
Carrickfergus	1,682	1,057	224	2,964	569	3,532
Castlereagh	3,446	653	598	4,697	296	4,993
Down	4,108	954	534	5,596	1,121	6,717
Larne	1,621	325	401	2,348	996	3,344
Lisburn	5,701	1,991	1,028	8,719	961	9,680
Newtownabbey	4,606	2,016	657	7,279	797	8,076
North Down	3,904	915	606	5,424	1,556	6,980
All arc21	52,885	15,413	7,167	75,465	14,904	90,369
NWRWMG						
Ballymoney	1,739	446	159	2,344	355	2,699
Coleraine	3,904	1,958	511	6,374	760	7,134
Derry	6,393	4,045	1,051	11,489	1,232	12,722
Limavady	2,287	1,165	0	3,452	0	3,452
Magherafelt	2,120	638	239	2,998	533	3,531
Moyle	1,080	533	42	1,655	283	1,937
Strabane	2,128	1,285	218	3,632	327	3,959
All NWRWMG	19,652	10,070	2,221	31,943	3,490	35,434
SWaMP2008						
Armagh	2,742	916	350	4,009	489	4,497
Banbridge	2,134	987	257	3,378	193	3,571
Cookstown	1,973	534	189	2,696	412	3,108
Craigavon	5,269	1,310	578	7,157	1,072	8,229
Dungannon	3,027	1,322	0	4,350	494	4,843
Fermanagh	3,209	1,622	428	5,259	826	6,085
Newry and Mourne	5,098	2,060	522	7,680	1,686	9,366
Omagh	2,485	908	160	3,553	538	4,091
All SWaMP2008	25,938	9,659	2,484	38,081	5,710	43,790
Northern Ireland	98,474	35,143	11,872	145,490	24,104	169,594

Source: NIEA

Table A10: Tonnage of household waste sent for recycling, composting and landfill by district council

Unit: Tonnage

Area	Household waste dry recycling	Household waste composting	Household waste dry recycling and composting	Household waste landfilled	Household waste arisings
arc21					
Antrim	1,712	2,354	4,066	4,175	8,216
Ards	2,164	2,792	4,956	6,273	11,251
Ballymena	1,197	1,719	2,916	5,318	8,234
Belfast	6,057	4,982	11,039	22,524	33,603
Carrickfergus	1,001	1,438	2,439	2,964	5,403
Castlereagh	1,528	2,027	3,555	4,633	8,256
Down	1,437	1,458	2,894	5,566	8,476
Larne	966	1,172	2,138	2,333	4,479
Lisburn	2,635	3,957	6,592	8,660	15,290
Newtownabbey	2,188	3,221	5,409	7,227	12,688
North Down	2,346	2,945	5,292	5,384	10,699
All arc21	23,231	28,066	51,297	75,056	126,595
NWRWMG					
Ballymoney	657	786	1,443	2,280	3,724
Coleraine	2,033	1,239	3,271	5,881	9,153
Derry	4,146	673	4,819	10,037	14,856
Limavady	1,251	740	1,991	3,030	5,075
Magherafelt	1,274	1,764	3,038	2,858	5,896
Moyle	639	236	875	1,410	2,288
Strabane	1,352	404	1,756	3,332	5,089
All NWRWMG	11,351	5,843	17,194	28,829	46,079
SWaMP2008					
Armagh	1,526	1,620	3,146	3,867	7,043
Banbridge	1,086	2,793	3,879	3,378	7,257
Cookstown	812	1,120	1,932	2,701	4,670
Craigavon	2,235	2,413	4,648	6,604	11,802
Dungannon	1,676	1,257	2,933	4,595	7,590
Fermanagh	1,709	684	2,393	5,317	7,741
Newry and Mourne	2,316	1,648	3,964	7,844	11,809
Omagh	1,631	1,094	2,725	3,460	6,339
All SWaMP2008	12,991	12,629	25,620	37,766	64,251
Northern Ireland	47,573	46,537	94,110	141,651	236,925

Source: NIEA

Table A11: Percentage of household waste sent for recycling, composting, KPI(a), and landfill, KPI(b), by district council*

Unit: Percentage

Area	Household waste dry recycling	Household waste composting	Household waste dry recycling and composting	Household waste landfilled rate
arc21				
Antrim	20.8	28.7	49.5	50.8
Ards	19.2	24.8	44.1	55.8
Ballymena	14.5	20.9	35.4	64.6
Belfast	18.0	14.8	32.9	67.0
Carrickfergus	18.5	26.6	45.1	54.9
Castlereagh	18.5	24.6	43.1	56.1
Down	16.9	17.2	34.1	65.7
Larne	21.6	26.2	47.7	52.1
Lisburn	17.2	25.9	43.1	56.6
Newtownabbey	17.2	25.4	42.6	57.0
North Down	21.9	27.5	49.5	50.3
All arc21	18.4	22.2	40.5	59.3
NWRWMG				
Ballymoney	17.6	21.1	38.8	61.2
Coleraine	22.2	13.5	35.7	64.3
Derry	27.9	4.5	32.4	67.6
Limavady	24.7	14.6	39.2	59.7
Magherafelt	21.6	29.9	51.5	48.5
Moyle	27.9	10.3	38.3	61.7
Strabane	26.6	7.9	34.5	65.5
All NWRWMG	24.6	12.7	37.3	62.6
SWaMP2008				
Armagh	21.7	23.0	44.7	54.9
Banbridge	15.0	38.5	53.5	46.5
Cookstown	17.4	24.0	41.4	57.8
Craigavon	18.9	20.4	39.4	56.0
Dungannon	22.1	16.6	38.6	60.5
Fermanagh	22.1	8.8	30.9	68.7
Newry and Mourne	19.6	14.0	33.6	66.4
Omagh	25.7	17.3	43.0	54.6
All SWaMP2008	20.2	19.7	39.9	58.8
Northern Ireland	20.1	19.6	39.7	59.8

Source: NIEA

* Calculated by dividing total tonnage of household waste sent for recycling, composting and landfill by total household waste arisings

Table A12: Household waste arisings per capita, KPI(p), by district council

Unit: Kilogrammes per capita

Area	Household waste recycled/ composted	Household waste not recycled/ composted	Household waste arisings
arc21			
Antrim	75	77	152
Ards	63	80	144
Ballymena	46	84	130
Belfast	41	84	125
Carrickfergus	61	74	135
Castlereagh	53	69	124
Down	41	79	121
Larne	68	74	142
Lisburn	57	74	131
Newtownabbey	65	87	152
North Down	67	68	134
All arc21	54	79	133
NWRWMG			
Ballymoney	47	75	122
Coleraine	57	103	160
Derry	44	92	136
Limavady	59	89	149
Magherafelt	69	65	133
Moyle	52	83	135
Strabane	44	84	128
All NWRWMG	52	87	139
SWaMP2008			
Armagh	53	66	120
Banbridge	82	71	153
Cookstown	53	74	129
Craigavon	50	71	128
Dungannon	52	81	134
Fermanagh	38	85	124
Newry and Mourne	40	79	120
Omagh	52	66	121
All SWaMP2008	51	75	127
Northern Ireland	53	79	132

Source: NIEA

Table A13: Household waste arisings per household, KPI(h), by district council

Unit: Kilogrammes per household

Area	Household waste recycled/ composted	Household waste not recycled/ composted	Household waste arisings
arc21			
Antrim	198	203	400
Ards	148	187	336
Ballymena	116	212	328
Belfast	88	179	267
Carrickfergus	150	183	333
Castlereagh	124	162	289
Down	105	202	308
Larne	151	165	317
Lisburn	140	183	324
Newtownabbey	154	206	362
North Down	154	157	311
All arc21	126	184	310
NWRWMG			
Ballymoney	120	190	310
Coleraine	121	218	340
Derry	121	253	374
Limavady	158	240	403
Magherafelt	194	182	376
Moyle	115	185	300
Strabane	115	219	334
All NWRWMG	132	222	355
SWaMP2008			
Armagh	142	175	318
Banbridge	202	176	379
Cookstown	143	201	347
Craigavon	123	175	312
Dungannon	141	220	364
Fermanagh	91	202	294
Newry and Mourne	117	231	348
Omagh	137	174	319
All SWaMP2008	132	195	332
Northern Ireland	129	194	324

Source: NIEA, NI Census, DSD

Table A14: Biodegradable municipal waste (BMW) to landfill by district council*

Area	10/11 allocation in tonnes	Tonnes of BMW to landfill for Apr-Jun	Total BMW to landfill Apr 10-Jun 10	% of 10/11 allocation used Apr-Jun
arc21				
Antrim	13,607	2,395	2,395	17.6
Ards	20,828	3,626	3,626	17.4
Ballymena	16,380	3,101	3,101	18.9
Belfast	71,692	16,983	16,983	23.7
Carrickfergus	10,724	1,873	1,873	17.5
Castlereagh	17,907	2,579	2,579	14.4
Down	18,432	3,735	3,735	20.3
Larne	8,426	1,728	1,728	20.5
Lisburn	30,215	4,714	4,714	15.6
Newtownabbey	22,014	4,308	4,308	19.6
North Down	21,030	3,435	3,435	16.3
All arc21	251,256	251,256	251,256	100.0
NWRWMG				
Ballymoney	8,010	1,735	1,735	21.7
Coleraine	15,367	3,931	3,931	25.6
Derry	29,596	7,222	7,222	24.4
Limavady	9,568	1,694	1,694	17.7
Magherafelt	11,603	1,577	1,577	13.6
Moyle	4,580	986	986	21.5
Strabane	10,736	2,206	2,206	20.5
All NWRWMG	89,460	19,351	19,351	21.6
SWaMP2008				
Armagh	15,441	2,310	2,310	15.0
Banbridge	12,412	1,466	1,466	11.8
Cookstown	9,387	1,706	1,706	18.2
Craigavon	22,972	4,028	4,028	17.5
Dungannon	13,614	2,764	2,764	20.3
Fermanagh	16,249	3,721	3,721	22.9
Newry and Mourne	25,353	5,403	5,403	21.3
Omagh	13,793	2,118	2,118	15.4
All SWaMP2008	129,221	23,516	23,516	18.2
Northern Ireland	469,937	294,123	294,123	62.6

Source: NIEA

*The estimated % BMW in Northern Ireland was revised from 71% to 64%, effective from April 2009.