



Department of the
Environment
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Northern Ireland Municipal Waste Management Statistics

July - September 2010 – provisional estimates



Quarterly provisional figures

Index

Introduction	3
Municipal waste arisings	6
Municipal waste recycling and composting	7
Municipal waste landfilled	8
Municipal waste collected for recycling by material types	9
Municipal waste collected for disposal to landfill	10
Household waste recycling and composting	11
Household waste landfilled	12
Household waste arisings per capita	13
Biodegradable municipal waste (BMW) to landfill	14
Glossary	15
User Information	16

Appendix 1: List of accompanying Excel tables

Table A1: Municipal waste arisings by type by district council

Table A2: Municipal waste arisings by collection method by district council

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

Table A4: Municipal waste recycling, composting and landfill rate by district council

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

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

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

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

Table A9: Municipal waste collected for disposal to landfill by district council

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

Table A11: Household waste recycling, composting and landfill rate by district council

Table A12: Household waste arisings per capita by district council

Table A13: Household waste arisings per household by district council

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

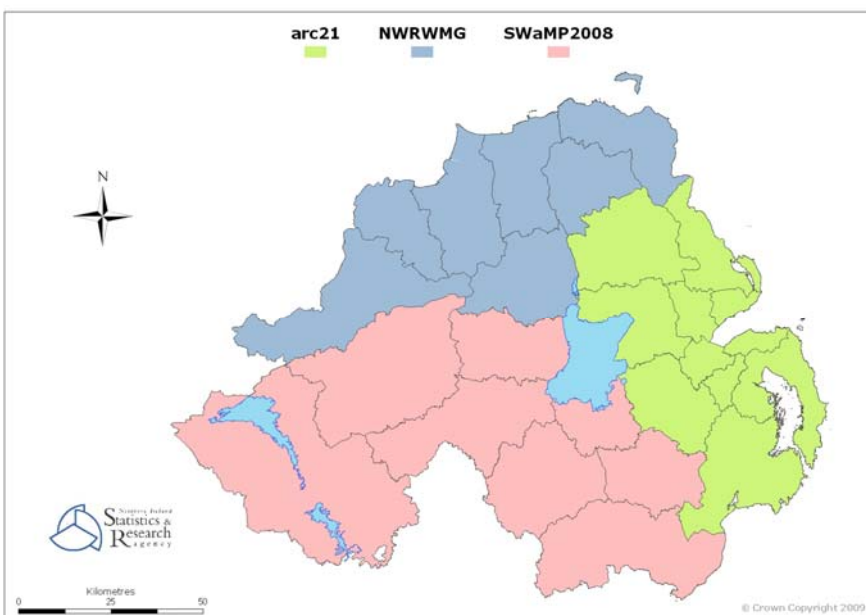
Introduction

This is the July - September 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 10 January 2011. 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)

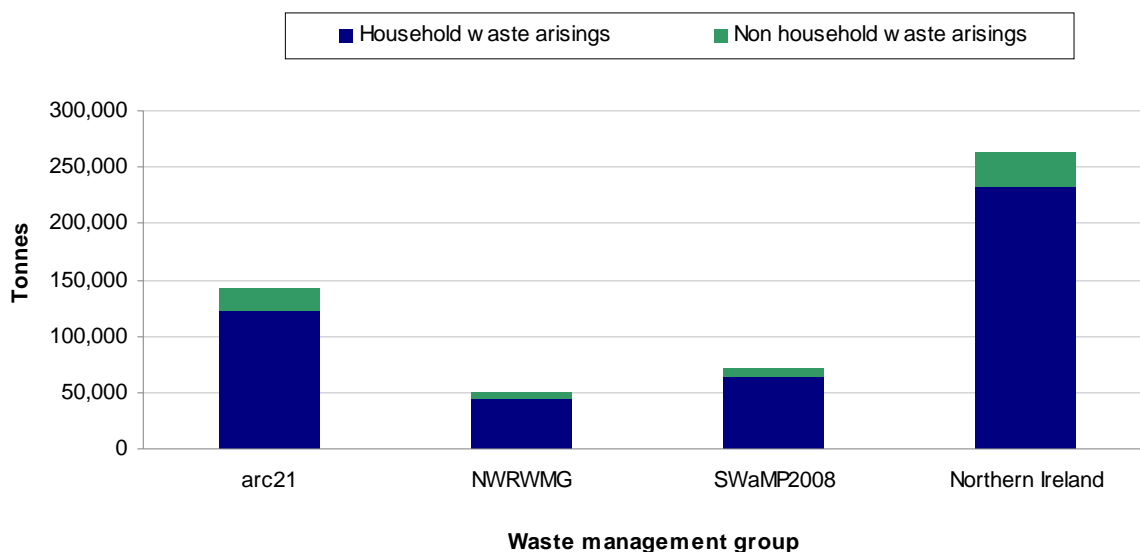


Table 1 Municipal waste arisings by waste management group, KPI (j)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Tonnes
Household waste arisings	123,216	45,156	63,394	231,766	
Non household waste arisings	18,775	4,168	7,129	30,072	
Total municipal waste arisings	141,991	49,325	70,523	261,838	
<i>Source: NIEA</i>					

- During the quarter, there were 261,838 tonnes of waste collected. Of this, 89% was household waste and 11% was non household waste.
- The biggest waste management group, arc21, collected 54% of the overall municipal waste during this quarter.
- The amount of municipal waste arising fell by 3.3% this quarter compared to that for July – September 2009 (270,732).
- 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)

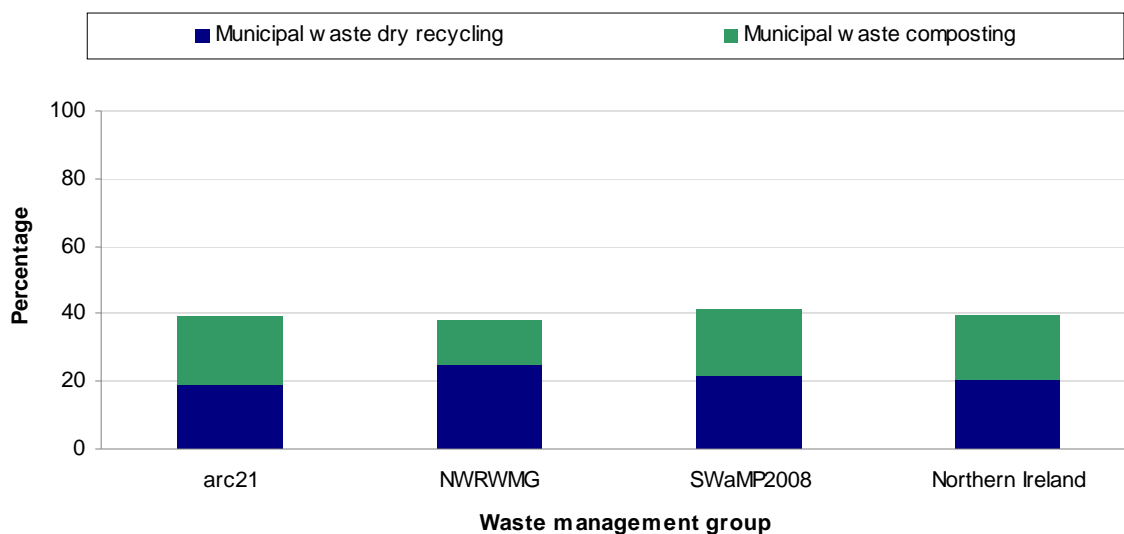


Table 2 Municipal waste sent for recycling and composting as a % of total municipal waste arisings by waste management group, KPI (e)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste dry recycling	18.8	24.7	21.9	20.8	
Municipal waste composting	20.3	13.4	19.7	18.8	
Municipal waste dry recycling and composting	39.1	38.1	41.7	39.6	
<i>Source: NIEA</i>					

- The percentage of municipal waste sent for recycling in this quarter was 20.8%, with the proportion sent for composting for the quarter equalling 18.8%.
- The total proportion of municipal waste sent for recycling and composting in this quarter was 39.6%. This is a rise of 3.4 percentage points compared to the July - September 2009 rate of 36.2%
- 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)

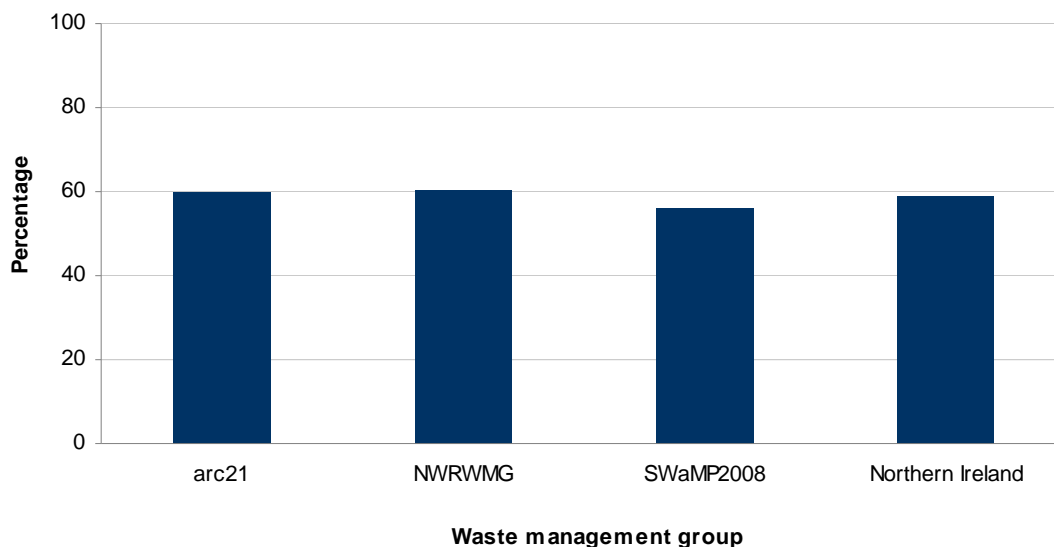


Table 3 Municipal waste landfilled as a % of total municipal waste arisings by waste management group, KPI (f)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste landfilled	59.9	60.3	56.3	59.0	
<i>Source: NIEA</i>					

- The total tonnage of municipal waste sent to landfill for this quarter was 154,610 tonnes.
- The percentage of municipal waste sent to landfill in the current quarter was 59.0%. This was 4.3 percentage points lower compared to that for July - September 2009 (63.3%).
- 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

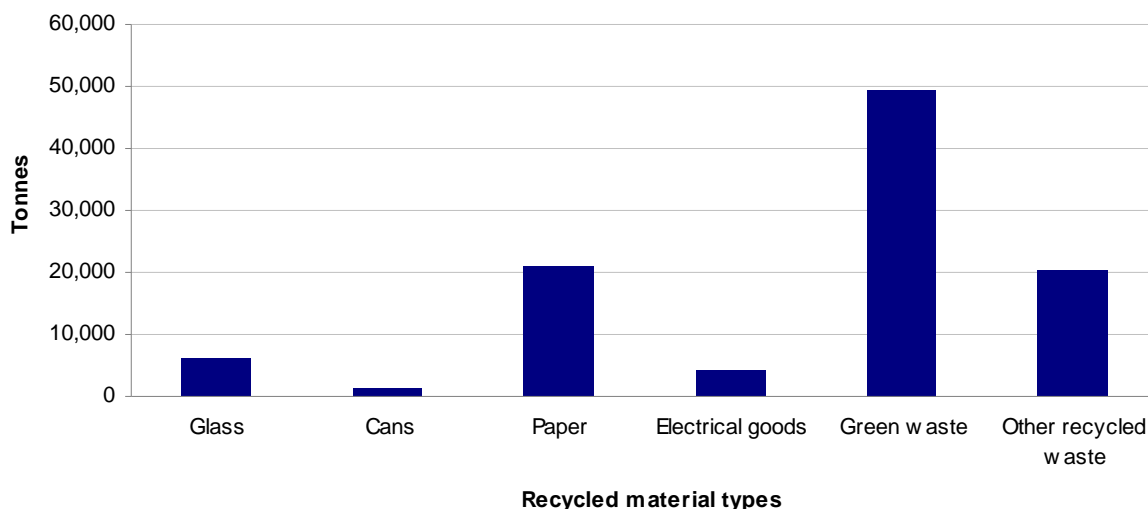


Table 4 Municipal waste material types collected for recycling by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Glass	3,202	956	1,828	5,987
Cans	639	312	291	1,241
Paper	10,086	4,115	6,680	20,881
Electrical goods	2,197	621	1,245	4,063
Green waste	28,831	6,613	13,908	49,351
Other recycled waste	11,246	3,496	5,741	20,483
All recycled waste collected	56,201	16,111	29,694	102,006
<i>Source: NIEA</i>				

- Collected recycled waste is not always sent for recycling due to contamination of recyclates.
- During the quarter, 49,351 tonnes of green waste were collected which is 48% of the total recycled waste collected. In total, 20,881 (20%) tonnes of paper and 20,483 (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

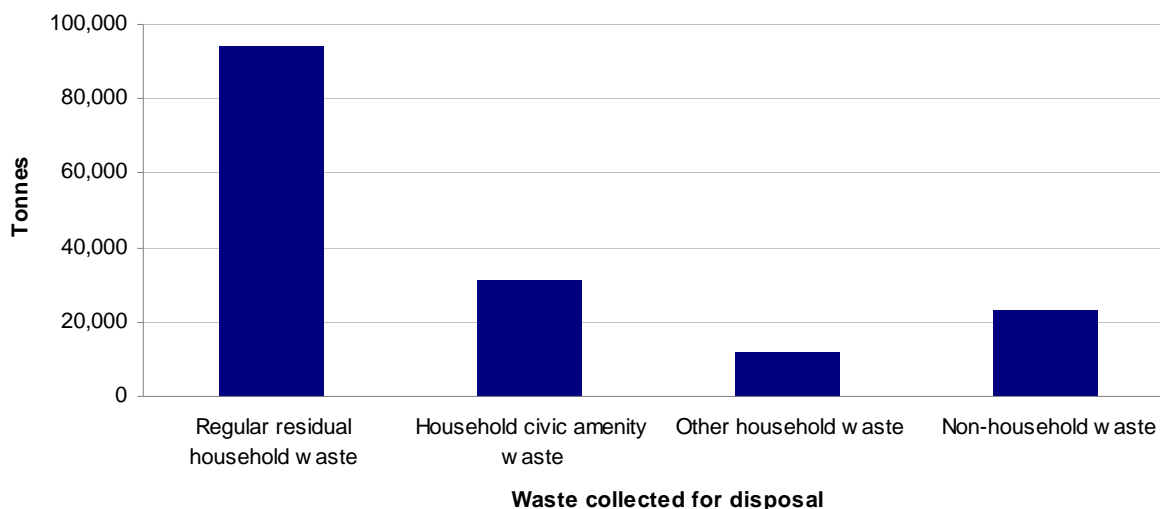


Table 5 Municipal waste collected for disposal by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Regular residual household waste	50,371	19,298	24,524	94,193
Household civic amenity waste	13,965	8,085	9,000	31,050
Other household waste	7,065	2,579	2,015	11,659
Non-household waste	14,388	3,222	5,290	22,900
All municipal waste collected for disposal	85,789	33,184	40,829	159,802
<i>Source: NIEA</i>				

- Waste collected for disposal may not always be sent to landfill because of recovery from residual waste streams.
- There were 159,802 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)

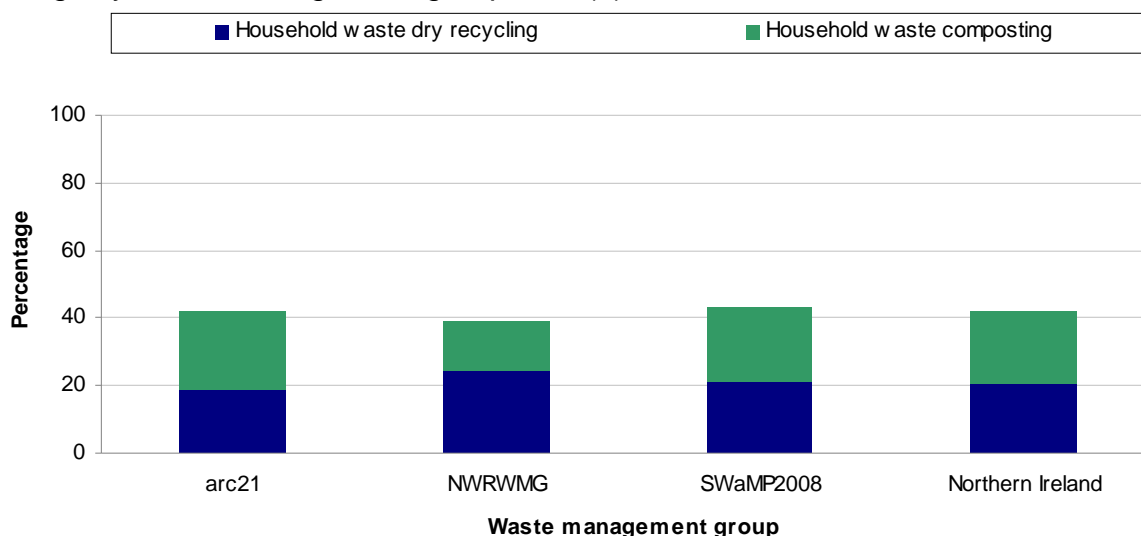


Table 6 Household waste sent for recycling and composting as a % of household waste arisings by waste management group, KPI (a)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste dry recycling	18.8	24.3	21.5	20.6	
Household waste composting	23.3	14.6	21.9	21.2	
Household waste dry recycling and composting	42.2	38.9	43.4	41.9	
<i>Source: NIEA</i>					

- The proportion of household waste sent for recycling in the current quarter was 20.6%. The proportion of household waste sent for composting in the quarter was 21.2%.
- The total percentage of household waste sent for recycling and composting was 41.9%. This is an increase of 2.5 percentage points on the July - September 2009 figure of 39.4%.
- 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)

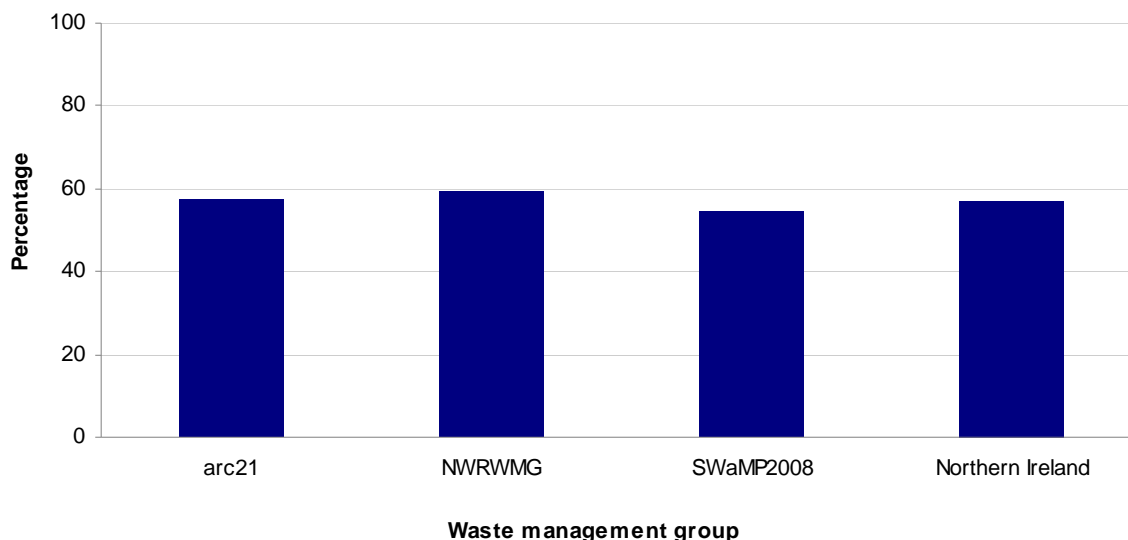


Table 7 Household waste landfilled as a % of household waste arisings by waste management group, KPI (b)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste landfilled	57.5	59.6	54.6	57.1	
<i>Source: NIEA</i>					

- The total tonnage of household waste sent to landfill for this quarter was 132,342 tonnes.
- The percentage of household waste sent to landfill in the current quarter was 57.1%. This is 3.4 percentage points lower compared to that for July - September 2009 (60.5%).
- 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)

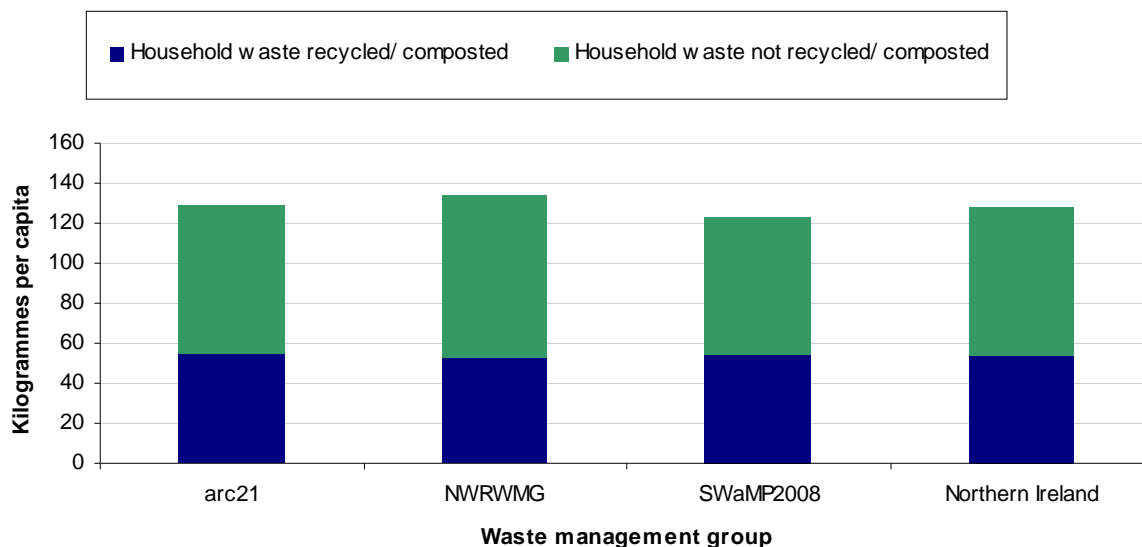


Table 8 Household waste arisings per capita by waste management group, KPI (p)

	Unit: Kilogrammes per capita			
	arc21	NWRWMG	SWaMP2008	Northern Ireland
Household waste recycled/ composted	55	53	54	54
Household waste not recycled/ composted	74	81	69	74
Household waste arisings	129	136	126	130

Source: NIEA, NISRA Mid-Year Populations Estimates 2009

- On average, there was 130 kilogrammes of household waste arisings collected per head of population in Northern Ireland.
- Of this, 42% was recycled / composted and 58% was not recycled / composted.
- SWaMP2008 had the lowest household waste arisings per capita (126kg/ca) and NWRWMG had the highest (136kg/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	NWRWMG	SWaMP2008	Unit: Tonnes Northern Ireland
BMW to landfill in quarter	45,083	16,766	21,131	82,980
10/11 allocation	251,256	89,460	129,221	469,937
% of annual allocation of BMW to landfill in quarter	17.9	18.7	16.4	17.7
% of annual allocation of BMW to landfill in year-to-date	37.2	40.5	34.6	37.1
<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, 82,980 tonnes of BMW were sent to landfill during the quarter. This equates to 17.7% of the annual allocation. In the year-to-date, 37.1% of the annual allocation has been used but this is subject to change pending the potential transfer of allowances and further end-year validations.
- 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 (www.wastedataflow.org)
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 amount 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.

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.

Redefinition of Municipal Waste

Following discussions with the European Commission relating to the amount of biodegradable municipal waste diverted from landfill (see KPI(g) in this report) the UK has agreed to revise its interpretation of municipal waste. The revised interpretation, which will bring the UK more closely into line with the approach understood to be taken by other Member States, will mean that much more commercial and industrial waste than previously will fall within the scope of the term 'municipal waste'. This is because the new definition is proposed to be based on waste types (as defined by European Waste

Quarterly provisional figures

Catalogue codes) rather than who manages the waste (i.e. district council) as is presently the case. The implications of this change of definition was the subject of an open public consultation held by the Department of Environment in Northern Ireland between 25 June and 8 October 2010 following an earlier similar consultation by DEFRA for England and Wales. The consultation responses in these countries are currently being considered with the aim of producing specific policy proposals.

This report has retained the reference to municipal waste in the release title and contents to maintain consistency with previous releases. However, in due course municipal waste will be renamed to reflect that the publication reports on district council collected municipal waste only. This change in definition will have no impact on the WDF data that is reported.

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.

The latest annual report (2009/10) is available via the following link:
http://www.doeni.gov.uk/northern_ireland_municipal_waste_management_statistics_a_nnual_report_2009-11.pdf.

- 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.

Quarterly provisional figures

- 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.
- 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 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/epq/waste_recycling/bysector/municipal/?lang=en

Index of tables

[Table A1: Municipal waste arisings, KPI\(j\), by type by district council](#)

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

[Table A3: Tonnage of municipal waste sent for recycling, composting and landfill by district council](#)

[Table A4: Percentage of municipal waste recycled, composted, KPI\(e\), and landfilled, KPI\(f\), by district council](#)

[Table A5: Municipal waste material types collected for recycling by district council](#)

[Table A6: Municipal waste material types collected at kerbside for recycling by district council](#)

[Table A7: Municipal waste material types collected at civic amenity sites for recycling by district council](#)

[Table A8: Municipal waste material types collected at bring sites for recycling by district council](#)

[Table A9: Municipal waste collected for disposal by district council](#)

[Table A10: Tonnage of household waste sent for recycling, composting and landfill by district council](#)

[Table A11: Percentage of household waste recycled, composted, KPI\(a\), and landfilled, KPI\(b\), by district council](#)

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

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

[Table A14: Biodegradable municipal waste \(BMW\) to landfill by district council](#)

[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	8,080	1,632	9,712
Ards	11,313	904	12,217
Ballymena	8,259	842	9,101
Belfast	32,341	6,365	38,706
Carrickfergus	5,351	1,242	6,593
Castlereagh	8,107	582	8,689
Down	8,139	1,068	9,207
Larne	4,799	874	5,673
Lisburn	14,541	1,713	16,254
Newtownabbey	11,449	1,291	12,740
North Down	10,838	2,261	13,099
All arc21	123,216	18,775	141,991
NWRWMG			
Ballymoney	3,919	442	4,361
Coleraine	10,204	602	10,806
Derry	13,394	1,626	15,020
Limavady	4,530	34	4,564
Magherafelt	5,883	811	6,694
Moyle	2,521	329	2,850
Strabane	4,707	324	5,030
All NWRWMG	45,156	4,168	49,325
SWaMP2008			
Armagh	6,837	958	7,795
Banbridge	7,188	625	7,813
Cookstown	4,688	622	5,310
Craigavon	11,757	894	12,651
Dungannon	7,526	476	8,002
Fermanagh	7,853	1,394	9,247
Newry and Mourne	11,445	1,475	12,920
Omagh	6,099	685	6,785
All SWaMP2008	63,394	7,129	70,523
Northern Ireland	231,766	30,072	261,838

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	4,928	4,361	43	380	9,712
Ards	7,415	4,181	162	459	12,217
Ballymena	6,302	2,300	67	431	9,101
Belfast	29,340	6,704	167	2,496	38,706
Carrickfergus	4,356	2,101	48	87	6,593
Castlereagh	6,308	1,753	50	578	8,689
Down	6,024	1,926	225	1,033	9,207
Larne	3,534	1,301	72	766	5,673
Lisburn	11,302	4,378	174	399	16,254
Newtownabbey	8,143	3,412	22	1,163	12,740
North Down	8,545	3,934	167	452	13,099
All arc21	96,198	36,351	1,196	8,246	141,991
NWRWMG					
Ballymoney	3,000	1,090	62	209	4,361
Coleraine	5,412	4,771	118	506	10,806
Derry	9,527	4,476	110	907	15,020
Limavady	3,156	1,316	62	30	4,564
Magherafelt	4,248	2,283	36	128	6,694
Moyle	1,859	891	64	36	2,850
Strabane	2,784	1,970	121	154	5,030
All NWRWMG	29,987	16,797	571	1,970	49,325
SWaMP2008					
Armagh	4,968	2,462	63	301	7,795
Banbridge	4,595	3,027	32	159	7,813
Cookstown	3,105	1,948	91	166	5,310
Craigavon	8,307	3,747	134	463	12,651
Dungannon	4,959	2,785	74	184	8,002
Fermanagh	5,382	3,466	112	286	9,247
Newry and Mourne	8,217	4,053	188	462	12,920
Omagh	3,910	2,614	89	171	6,785
All SWaMP2008	43,444	24,103	784	2,192	70,523
Northern Ireland	169,628	77,251	2,552	12,408	261,838

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	2,840	2,382	5,222	4,387	9,712
Ards	2,206	2,912	5,118	7,074	12,217
Ballymena	1,649	1,815	3,464	5,637	9,101
Belfast	5,969	4,628	10,596	28,059	38,706
Carrickfergus	1,645	1,498	3,142	3,450	6,593
Castlereagh	1,799	2,229	4,027	4,533	8,689
Down	1,621	1,458	3,079	6,115	9,207
Larne	1,053	1,400	2,453	3,202	5,673
Lisburn	3,428	3,826	7,255	8,953	16,254
Newtownabbey	2,214	3,543	5,757	6,897	12,740
North Down	2,307	3,140	5,446	6,814	13,099
All arc21	26,729	28,831	55,560	85,122	141,991
NWRWMG					
Ballymoney	870	916	1,786	2,533	4,361
Coleraine	2,285	2,070	4,356	6,151	10,806
Derry	4,041	679	4,720	10,300	15,020
Limavady	1,102	600	1,702	2,703	4,564
Magherafelt	1,752	1,758	3,510	3,083	6,694
Moyle	738	256	994	1,852	2,850
Strabane	1,403	332	1,736	3,145	5,030
All NWRWMG	12,192	6,613	18,804	29,766	49,325
SWaMP2008					
Armagh	1,944	1,595	3,538	3,817	7,795
Banbridge	1,677	2,748	4,425	3,387	7,813
Cookstown	1,111	1,278	2,389	2,885	5,310
Craigavon	2,496	2,792	5,287	6,613	12,651
Dungannon	1,541	1,551	3,092	4,849	8,002
Fermanagh	2,386	950	3,336	5,862	9,247
Newry and Mourne	2,607	1,799	4,406	8,514	12,920
Omagh	1,711	1,195	2,906	3,794	6,785
All SWaMP2008	15,472	13,908	29,381	39,722	70,523
Northern Ireland	54,393	49,351	103,745	154,610	261,838

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	29.2	24.5	53.8	45.2
Ards	18.1	23.8	41.9	57.9
Ballymena	18.1	19.9	38.1	61.9
Belfast	15.4	12.0	27.4	72.5
Carrickfergus	24.9	22.7	47.7	52.3
Castlereagh	20.7	25.7	46.4	52.2
Down	17.6	15.8	33.4	66.4
Larne	18.6	24.7	43.2	56.4
Lisburn	21.1	23.5	44.6	55.1
Newtownabbey	17.4	27.8	45.2	54.1
North Down	17.6	24.0	41.6	52.0
All arc21	18.8	20.3	39.1	59.9
NWRWMG				
Ballymoney	20.0	21.0	41.0	58.1
Coleraine	21.1	19.2	40.3	56.9
Derry	26.9	4.5	31.4	68.6
Limavady	24.1	13.2	37.3	59.2
Magherafelt	26.2	26.3	52.4	46.1
Moyle	25.9	9.0	34.9	65.0
Strabane	27.9	6.6	34.5	62.5
All NWRWMG	24.7	13.4	38.1	60.3
SWaMP2008				
Armagh	24.9	20.5	45.4	49.0
Banbridge	21.5	35.2	56.6	43.4
Cookstown	20.9	24.1	45.0	54.3
Craigavon	19.7	22.1	41.8	52.3
Dungannon	19.3	19.4	38.6	60.6
Fermanagh	25.8	10.3	36.1	63.4
Newry and Mourne	20.2	13.9	34.1	65.9
Omagh	25.2	17.6	42.8	55.9
All SWaMP2008	21.9	19.7	41.7	56.3
Northern Ireland	20.8	18.8	39.6	59.0

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	107	31	542	152	2,382	1,971	5,185
Ards	260	53	928	193	2,912	750	5,096
Ballymena	258	39	611	84	1,815	658	3,464
Belfast	687	160	2,675	614	4,628	1,786	10,552
Carrickfergus	224	32	309	79	1,498	1,002	3,142
Castlereagh	310	55	700	127	2,229	600	4,020
Down	272	45	742	168	1,458	377	3,062
Larne	130	24	451	104	1,400	342	2,451
Lisburn	217	75	1,293	285	3,826	1,538	7,235
Newtownabbey	461	69	856	181	3,543	647	5,757
North Down	277	56	979	211	3,140	1,575	6,237
All arc21	3,202	639	10,086	2,197	28,831	11,246	56,201
NWRWMG							
Ballymoney	70	30	364	65	916	261	1,705
Coleraine	221	56	747	145	2,070	622	3,862
Derry	292	94	1,210	206	679	1,214	3,695
Limavady	89	30	496	37	600	181	1,433
Magherafelt	100	43	583	88	1,758	783	3,354
Moyle	52	17	200	19	256	130	675
Strabane	132	42	514	60	332	306	1,386
All NWRWMG	956	312	4,115	621	6,613	3,496	16,111
SWaMP2008							
Armagh	302	44	556	102	1,595	814	3,412
Banbridge	376	35	500	138	2,748	628	4,425
Cookstown	93	24	540	77	1,278	419	2,431
Craigavon	190	1	1,214	273	2,792	626	5,095
Dungannon	101	37	790	140	1,551	717	3,336
Fermanagh	364	61	972	149	950	948	3,444
Newry and Mourne	268	54	1,360	219	1,799	889	4,590
Omagh	134	34	750	148	1,195	700	2,961
All SWaMP2008	1,828	291	6,680	1,245	13,908	5,741	29,694
Northern Ireland	5,987	1,241	20,881	4,063	49,351	20,483	102,006

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	30	495	0	1,196	53	1,773
Ards	0	52	868	0	2,096	93	3,109
Ballymena	223	39	553	0	1,191	74	2,081
Belfast	262	158	2,408	0	3,462	290	6,580
Carrickfergus	196	31	282	0	1,270	59	1,838
Castlereagh	224	54	615	7	1,868	111	2,879
Down	0	44	713	7	938	76	1,778
Larne	34	24	404	0	914	42	1,417
Lisburn	0	74	1,209	0	3,090	129	4,503
Newtownabbey	429	69	762	0	2,558	133	3,950
North Down	0	56	907	0	2,222	97	3,282
All arc21	1,369	630	9,215	15	20,805	1,157	33,191
NWRWMG							
Ballymoney	0	29	340	0	549	81	998
Coleraine	0	55	645	0	0	154	853
Derry	88	91	1,066	2	0	260	1,507
Limavady	0	30	386	0	424	76	916
Magherafelt	2	42	496	0	1,107	118	1,766
Moyle	0	17	198	0	0	47	262
Strabane	29	39	461	0	0	110	638
All NWRWMG	119	303	3,591	2	2,080	845	6,940
SWaMP2008							
Armagh	232	43	354	1	1,092	85	1,807
Banbridge	183	34	275	0	1,728	63	2,283
Cookstown	0	23	467	0	395	121	1,007
Craigavon	0	0	1,093	0	1,348	298	2,739
Dungannon	0	36	703	0	761	182	1,683
Fermanagh	211	59	952	0	0	294	1,515
Newry and Mourne	0	51	1,204	0	769	309	2,333
Omagh	5	34	595	0	521	175	1,330
All SWaMP2008	630	281	5,643	1	6,614	1,528	14,697
Northern Ireland	2,118	1,213	18,450	18	29,498	3,531	54,828

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	83	0	47	152	1,186	1,901	3,369
Ards	105	1	60	193	816	650	1,825
Ballymena	0	0	40	84	623	569	1,316
Belfast	281	3	265	614	1,135	1,474	3,772
Carrickfergus	7	0	9	79	228	934	1,256
Castlereagh	47	1	82	119	361	480	1,091
Down	58	0	30	161	498	291	1,037
Larne	33	0	47	104	486	292	962
Lisburn	70	0	71	285	736	1,397	2,558
Newtownabbey	16	0	91	181	944	512	1,743
North Down	116	0	67	211	918	1,477	2,788
All arc21	816	6	808	2,182	7,932	9,975	21,718
NWRWMG							
Ballymoney	20	0	21	65	367	172	645
Coleraine	124	1	91	145	2,070	459	2,891
Derry	104	2	144	204	679	946	2,078
Limavady	28	0	111	37	176	104	456
Magherafelt	71	0	86	88	651	656	1,553
Moyle	4	0	0	19	256	35	314
Strabane	26	0	19	60	332	189	627
All NWRWMG	377	4	472	618	4,533	2,559	8,563
SWaMP2008							
Armagh	44	1	167	101	499	726	1,538
Banbridge	194	1	225	138	999	533	2,089
Cookstown	23	0	71	77	883	279	1,333
Craigavon	66	0	121	273	1,444	319	2,222
Dungannon	44	0	86	140	790	336	1,395
Fermanagh	62	1	15	149	950	640	1,816
Newry and Mourne	106	1	148	219	1,031	563	2,068
Omagh	57	0	153	148	674	510	1,542
All SWaMP2008	595	5	986	1,244	7,269	3,905	14,004
Northern Ireland	1,787	15	2,266	4,044	19,734	16,439	44,285

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	24	0	1	0	0	18	43
Ards	155	0	0	0	0	7	162
Ballymena	35	1	18	0	0	14	67
Belfast	144	0	0	0	0	22	167
Carrickfergus	20	0	18	0	0	9	48
Castlereagh	38	0	2	0	0	9	50
Down	215	1	0	0	0	10	225
Larne	63	0	0	0	0	8	72
Lisburn	148	0	14	0	0	12	174
Newtownabbey	16	0	3	0	0	3	22
North Down	161	0	5	0	0	1	167
All arc21	1,018	4	61	0	0	114	1,196
NWRWMG							
Ballymoney	50	0	3	0	0	8	62
Coleraine	97	0	11	0	0	10	118
Derry	101	1	0	0	0	8	110
Limavady	61	0	0	0	0	1	62
Magherafelt	26	0	1	0	0	8	36
Moyle	48	0	2	0	0	12	64
Strabane	77	2	34	0	0	8	121
All NWRWMG	460	5	52	0	0	55	571
SWaMP2008							
Armagh	26	0	35	0	0	3	63
Banbridge	0	0	0	0	0	32	32
Cookstown	70	1	1	0	0	19	91
Craigavon	124	1	0	0	0	9	134
Dungannon	58	0	0	0	0	16	74
Fermanagh	92	0	6	0	0	14	112
Newry and Mourne	162	2	8	0	0	17	188
Omagh	72	0	1	0	0	15	89
All SWaMP2008	604	4	51	0	0	125	784
Northern Ireland	2,081	13	163	0	0	294	2,552

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	2,605	992	439	4,036	490	4,526
Ards	3,537	2,188	546	6,271	850	7,121
Ballymena	3,674	984	515	5,173	464	5,637
Belfast	17,739	2,931	1,279	21,949	6,205	28,154
Carrickfergus	1,673	845	321	2,839	612	3,450
Castlereagh	2,931	663	750	4,344	326	4,669
Down	3,339	889	872	5,099	1,047	6,146
Larne	1,744	338	324	2,407	815	3,222
Lisburn	5,665	1,820	594	8,080	939	9,019
Newtownabbey	3,488	1,409	881	5,778	1,204	6,983
North Down	3,975	906	544	5,425	1,436	6,862
All arc21	50,371	13,965	7,065	71,402	14,388	85,789
NWRWMG						
Ballymoney	1,740	445	148	2,333	323	2,656
Coleraine	4,001	1,880	479	6,360	585	6,945
Derry	6,139	2,397	1,575	10,112	1,213	11,325
Limavady	2,240	861	0	3,101	0	3,101
Magherafelt	2,123	619	139	2,881	458	3,339
Moyle	1,230	574	48	1,852	323	2,175
Strabane	1,824	1,309	190	3,323	321	3,644
All NWRWMG	19,298	8,085	2,579	29,962	3,222	33,184
SWaMP2008						
Armagh	2,745	848	234	3,827	556	4,383
Banbridge	2,061	938	197	3,196	191	3,387
Cookstown	1,803	580	125	2,508	372	2,880
Craigavon	4,886	1,144	633	6,662	894	7,556
Dungannon	2,841	1,348	0	4,190	476	4,666
Fermanagh	3,062	1,650	275	4,988	815	5,803
Newry and Mourne	4,823	1,637	399	6,859	1,472	8,330
Omagh	2,302	854	152	3,309	515	3,824
All SWaMP2008	24,524	9,000	2,015	35,538	5,290	40,829
Northern Ireland	94,193	31,050	11,659	136,902	22,900	159,802

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	1,694	2,382	4,076	3,912	8,080
Ards	2,149	2,912	5,061	6,230	11,313
Ballymena	1,270	1,815	3,085	5,173	8,259
Belfast	5,829	4,597	10,426	21,875	32,341
Carrickfergus	1,014	1,498	2,512	2,839	5,351
Castlereagh	1,542	2,229	3,771	4,217	8,107
Down	1,618	1,436	3,054	5,073	8,139
Larne	991	1,400	2,392	2,391	4,799
Lisburn	2,651	3,826	6,477	8,021	14,541
Newtownabbey	2,169	3,502	5,671	5,707	11,449
North Down	2,275	3,140	5,415	5,388	10,838
All arc21	23,204	28,737	51,941	70,827	123,216
NWRWMG					
Ballymoney	737	916	1,653	2,228	3,919
Coleraine	2,236	2,070	4,307	5,639	10,204
Derry	3,508	679	4,187	9,207	13,394
Limavady	1,070	600	1,671	2,700	4,530
Magherafelt	1,370	1,758	3,128	2,667	5,883
Moyle	682	256	938	1,579	2,521
Strabane	1,366	332	1,699	2,872	4,707
All NWRWMG	10,971	6,613	17,583	26,893	45,156
SWaMP2008					
Armagh	1,526	1,591	3,117	3,333	6,837
Banbridge	1,265	2,727	3,992	3,196	7,188
Cookstown	862	1,278	2,140	2,513	4,688
Craigavon	2,455	2,792	5,247	5,849	11,757
Dungannon	1,541	1,551	3,092	4,373	7,526
Fermanagh	1,821	950	2,771	5,033	7,853
Newry and Mourne	2,604	1,799	4,403	7,042	11,445
Omagh	1,541	1,195	2,736	3,283	6,099
All SWaMP2008	13,615	13,883	27,497	34,622	63,394
Northern Ireland	47,789	49,232	97,021	132,342	231,766

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	21.0	29.5	50.4	48.4
Ards	19.0	25.7	44.7	55.1
Ballymena	15.4	22.0	37.4	62.6
Belfast	18.0	14.2	32.2	67.6
Carrickfergus	19.0	28.0	46.9	53.1
Castlereagh	19.0	27.5	46.5	52.0
Down	19.9	17.6	37.5	62.3
Larne	20.7	29.2	49.8	49.8
Lisburn	18.2	26.3	44.5	55.2
Newtownabbey	18.9	30.6	49.5	49.8
North Down	21.0	29.0	50.0	49.7
All arc21	18.8	23.3	42.2	57.5
NWRWMG				
Ballymoney	18.8	23.4	42.2	56.9
Coleraine	21.9	20.3	42.2	55.3
Derry	26.2	5.1	31.3	68.7
Limavady	23.6	13.3	36.9	59.6
Magherafelt	23.3	29.9	53.2	45.3
Moyle	27.1	10.2	37.2	62.7
Strabane	29.0	7.1	36.1	61.0
All NWRWMG	24.3	14.6	38.9	59.6
SWaMP2008				
Armagh	22.3	23.3	45.6	48.8
Banbridge	17.6	37.9	55.5	44.5
Cookstown	18.4	27.3	45.6	53.6
Craigavon	20.9	23.7	44.6	49.7
Dungannon	20.5	20.6	41.1	58.1
Fermanagh	23.2	12.1	35.3	64.1
Newry and Mourne	22.7	15.7	38.5	61.5
Omagh	25.3	19.6	44.9	53.8
All SWaMP2008	21.5	21.9	43.4	54.6
Northern Ireland	20.6	21.2	41.9	57.1

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	72	150
Ards	65	80	145
Ballymena	49	82	131
Belfast	39	82	120
Carrickfergus	63	71	133
Castlereagh	56	63	121
Down	43	72	116
Larne	76	76	153
Lisburn	56	69	125
Newtownabbey	68	68	137
North Down	68	68	136
All arc21	55	74	129
NWRWMG			
Ballymoney	54	73	129
Coleraine	75	99	179
Derry	38	84	122
Limavady	49	79	133
Magherafelt	71	60	133
Moyle	55	93	149
Strabane	43	72	118
All NWRWMG	53	81	136
SWaMP2008			
Armagh	53	57	116
Banbridge	84	67	151
Cookstown	59	69	129
Craigavon	57	63	127
Dungannon	55	77	133
Fermanagh	44	81	126
Newry and Mourne	45	71	116
Omagh	52	63	116
All SWaMP2008	54	69	126
Northern Ireland	54	74	130

Source: NIEA, NISRA

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	190	392
Ards	151	186	337
Ballymena	122	205	327
Belfast	83	174	257
Carrickfergus	155	175	330
Castlereagh	131	147	283
Down	111	184	295
Larne	169	169	339
Lisburn	137	169	307
Newtownabbey	162	163	326
North Down	157	156	315
All arc21	127	173	301
NWRWMG			
Ballymoney	137	185	325
Coleraine	159	209	378
Derry	105	231	336
Limavady	132	213	358
Magherafelt	198	169	373
Moyle	123	207	330
Strabane	111	188	308
All NWRWMG	135	206	347
SWaMP2008			
Armagh	140	150	308
Banbridge	207	166	374
Cookstown	158	185	346
Craigavon	138	154	310
Dungannon	147	208	358
Fermanagh	105	190	296
Newry and Mourne	130	208	338
Omagh	137	164	305
All SWaMP2008	142	178	326
Northern Ireland	132	180	316

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 Jul-Sep	Total BMW to landfill Apr 10-Sep 10	% of 10/11 allocation used Apr-Sep
arc21				
Antrim	13,607	2,090	4,485	33.0
Ards	20,828	3,497	7,123	34.2
Ballymena	16,380	2,988	6,089	37.2
Belfast	71,692	16,394	33,377	46.6
Carrickfergus	10,724	1,775	3,648	34.0
Castlereagh	17,907	2,257	4,836	27.0
Down	18,432	3,477	7,212	39.1
Larne	8,426	1,568	3,297	39.1
Lisburn	30,215	4,386	9,100	30.1
Newtownabbey	22,014	3,348	7,656	34.8
North Down	21,030	3,303	6,745	32.1
All arc21	251,256	45,083	93,568	37.2
NWRWMG				
Ballymoney	8,010	716	2,455	30.6
Coleraine	15,367	3,369	7,300	47.5
Derry	29,596	6,673	13,961	47.2
Limavady	9,568	1,541	3,251	34.0
Magherafelt	11,603	1,408	2,985	25.7
Moyle	4,580	1,109	2,096	45.8
Strabane	10,736	1,950	4,156	38.7
All NWRWMG	89,460	16,766	36,204	40.5
SWaMP2008				
Armagh	15,441	2,043	4,353	28.2
Banbridge	12,412	1,460	2,926	23.6
Cookstown	9,387	1,478	3,184	33.9
Craigavon	22,972	3,355	7,448	32.4
Dungannon	13,614	2,568	5,332	39.2
Fermanagh	16,249	3,527	7,248	44.6
Newry and Mourne	25,353	4,691	10,094	39.8
Omagh	13,793	2,009	4,126	29.9
All SWaMP2008	129,221	21,131	44,711	34.6
Northern Ireland	469,937	82,980	174,483	37.1

Source: NIEA

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