



Department of the  
**Environment**  
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# Northern Ireland Municipal Waste Management Statistics

April - June 2011 – provisional estimates



## Quarterly provisional figures

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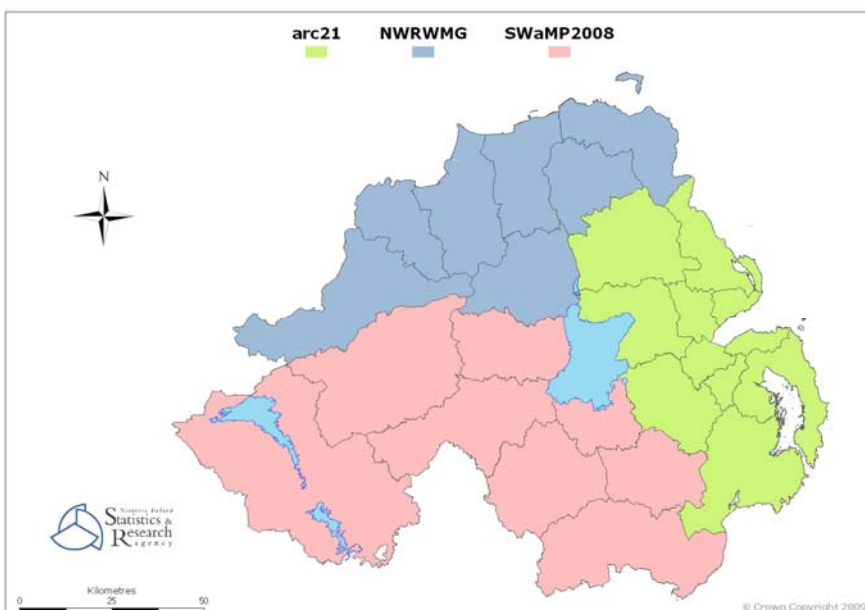
## Introduction

This is the April – June 2011 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. This report is published on a quarterly basis to cover the periods April to June, July to September, October to December and January to March. It should be noted that the quarterly figures are based on provisional data. An annual report, with fully validated figures for 2011/12, will be published in December 2012.

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 18% 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 relating to waste arisings, recycling, composting and disposal. 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 4 October 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.
- 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.

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, including csv format, are available on request. Such requests and further queries on municipal waste statistics should be directed to Analytical Services Branch (contact details below).

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## Municipal waste arisings

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

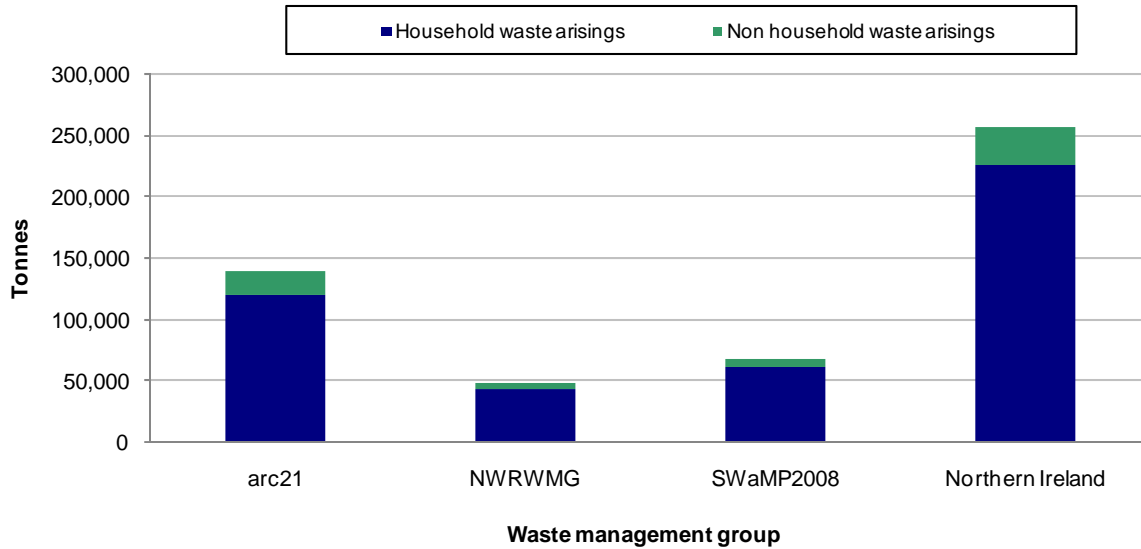


Table 1 Municipal waste arisings by waste management group, KPI (j)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Tonnes
Household waste arisings	121,157	43,260	62,312	226,729	
Non household waste arisings	18,261	5,180	6,665	30,105	
<b>Total municipal waste arisings</b>	<b>139,418</b>	<b>48,440</b>	<b>68,977</b>	<b>256,835</b>	
Source: NIEA					

- During the quarter, there were 256,835 tonnes of waste collected. Of this, 88% was household waste and 12% 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 decreased by 4.0% this quarter compared to that for April - June 2010 (267,544), with household waste arisings decreasing by 4.2% compared to the same quarter in 2010.
- 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)

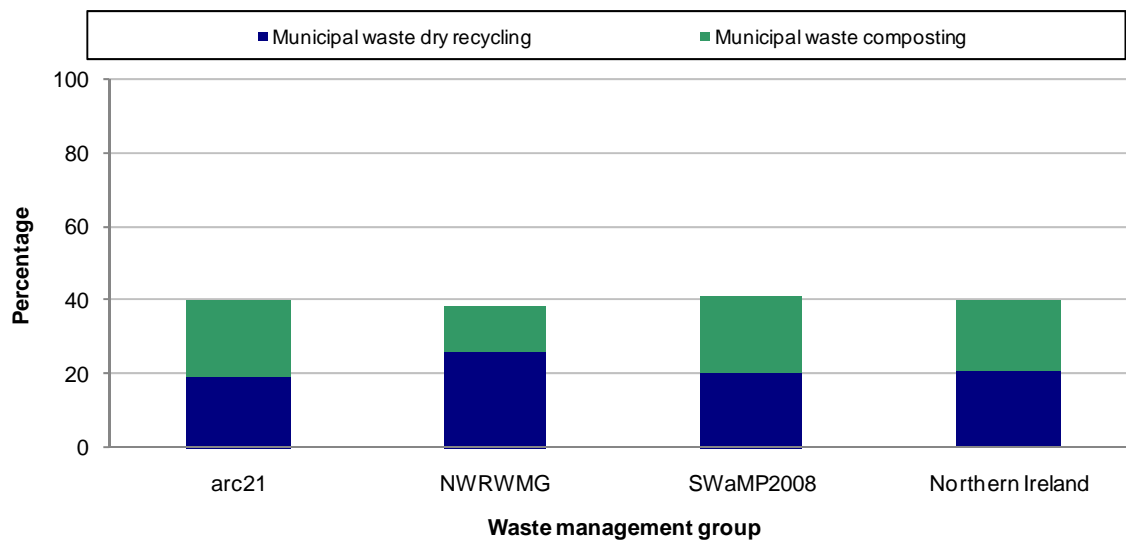


Table 2 Municipal waste sent for recycling and composting as a % of total municipal waste arisings by waste management group, KPI (e)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste dry recycling	19.3	25.6	20.4	20.8	
Municipal waste composting	20.6	12.8	20.6	19.1	
<b>Municipal waste dry recycling and composting</b>	<b>40.0</b>	<b>38.4</b>	<b>41.0</b>	<b>40.0</b>	
Source: NIEA					

- The percentage of municipal waste sent for recycling in this quarter was 20.8%, with the proportion sent for composting for the quarter equalling 19.1%.
- The total proportion of municipal waste sent for recycling and composting in this quarter was 40.0%. This is a rise of 2.7 percentage points compared to the April - June 2010 rate of 37.3%
- 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)

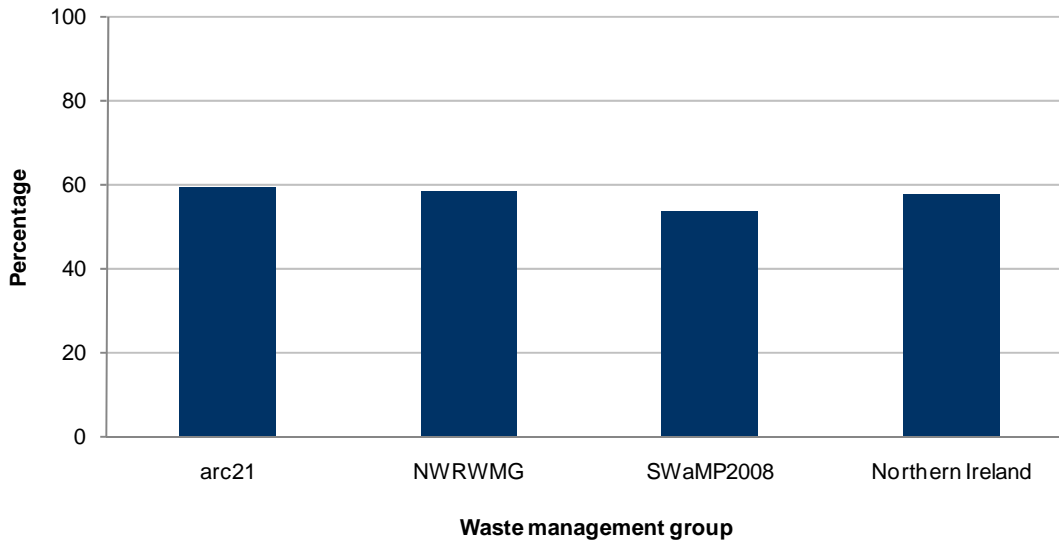


Table 3 Municipal waste landfilled as a % of total municipal waste arisings by waste management group, KPI (f)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste landfilled	59.2	58.3	53.3	57.4	
Source: NIEA					

- The total tonnage of municipal waste sent to landfill for this quarter was 147,545 tonnes.
- The percentage of municipal waste sent to landfill in the current quarter was 57.4%. This was 4.3 percentage points lower compared to that for April - June 2010 (61.7%).
- 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

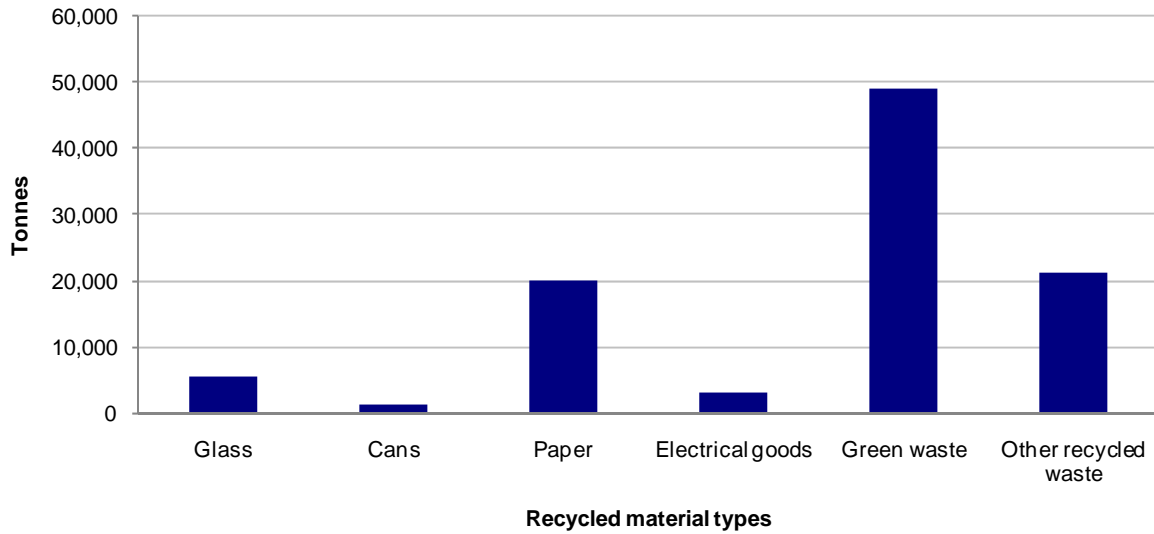


Table 4 Municipal waste material types collected for recycling by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Glass	3,253	793	1,557	5,602
Cans	634	285	304	1,223
Paper	9,787	3,866	6,270	19,923
Electrical goods	1,817	522	843	3,182
Green waste	28,767	6,192	14,213	49,172
Other recycled waste	11,404	3,904	5,939	21,247
<b>All recycled waste collected</b>	<b>55,661</b>	<b>15,563</b>	<b>29,125</b>	<b>100,349</b>
Source: NIEA				

- Collected recycled waste is not always sent for recycling due to contamination of recyclates.
- During the quarter, 49,172 tonnes of green waste were collected which is 49% of the total recycled waste collected. In total, 21,247 (21%) tonnes of other recycled waste and 19,923 (20%) tonnes of paper were collected.
- Looking at the remaining material types, 6% of recycled waste collected was glass, 3% 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

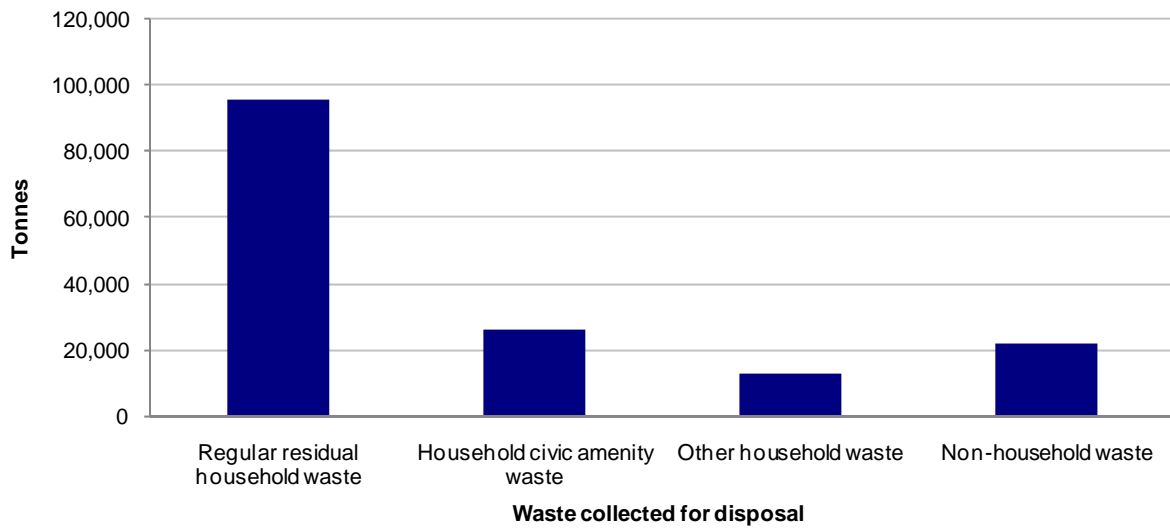


Table 5 Municipal waste collected for disposal by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Regular residual household waste	50,248	19,413	26,104	95,765
Household civic amenity waste	13,115	6,890	6,172	26,178
Other household waste	7,388	2,628	2,586	12,603
Non-household waste	13,005	3,888	4,989	21,882
<b>All municipal waste collected for disposal</b>	<b>83,756</b>	<b>32,819</b>	<b>39,852</b>	<b>156,427</b>
Source: NIEA				

- Waste collected for disposal may not always be sent to landfill because of recovery from residual waste streams.
- There were 156,427 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)

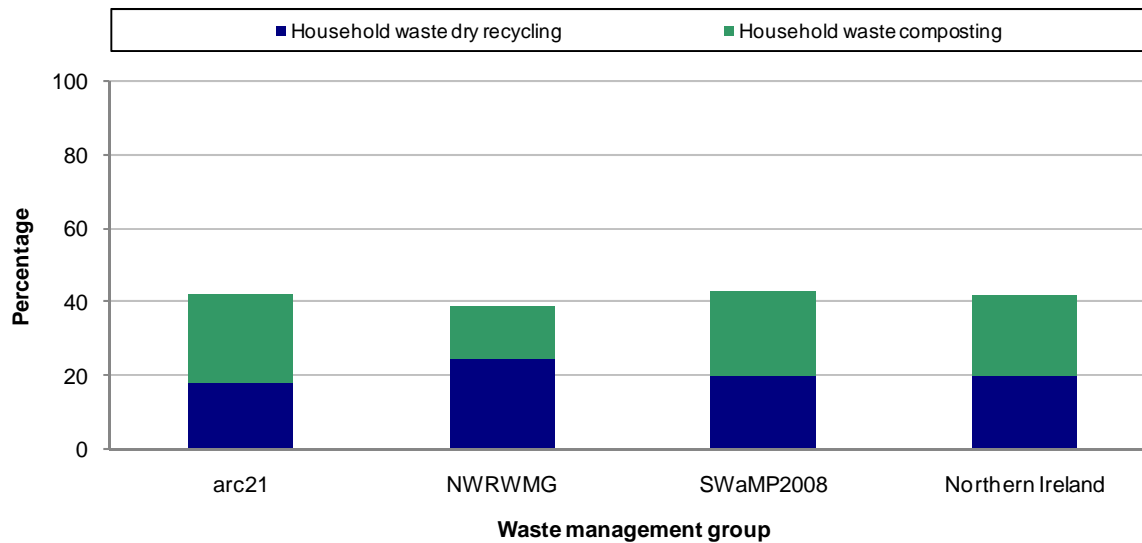


Table 6 Household waste sent for recycling and composting as a % of household waste arisings by waste management group, KPI (a)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste dry recycling	18.2	24.8	20.0	20.0	
Household waste composting	23.6	14.3	22.7	21.6	
<b>Household waste dry recycling and composting</b>	<b>41.8</b>	<b>39.2</b>	<b>42.6</b>	<b>41.5</b>	
Source: NIEA					

- The proportion of household waste sent for recycling in the current quarter was 20.0%. The proportion of household waste sent for composting in the quarter was 21.6%.
- The total percentage of household waste sent for recycling and composting was 41.5%. This is an increase of 1.8 percentage points on the April – June 2010 figure of 39.7%.
- Tables A10 and A11 in the accompanying Excel document show a further breakdown of these figures by district council.

## Household waste landfilled

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

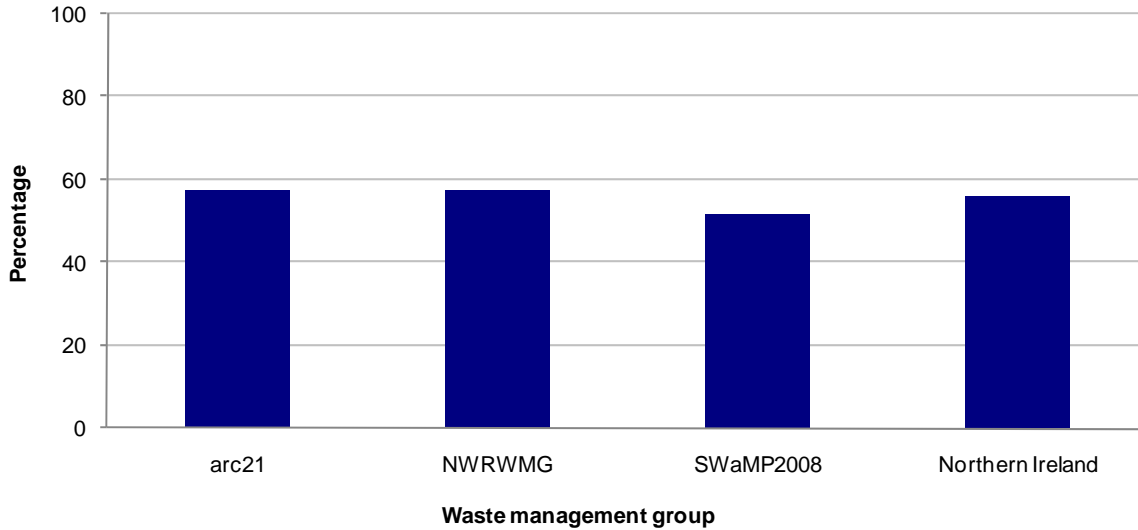


Table 7 Household waste landfilled as a % of household waste arisings by waste management group, KPI (b)

	arc21	NWRWVG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste landfilled	57.5	57.7	51.8	56.0	
Source: NIEA					

- The total tonnage of household waste sent to landfill for this quarter was 126,924 tonnes.
- The percentage of household waste sent to landfill in the current quarter was 56.0%. This is 3.8 percentage points lower compared to that for April - June 2010 (59.8%).
- 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)

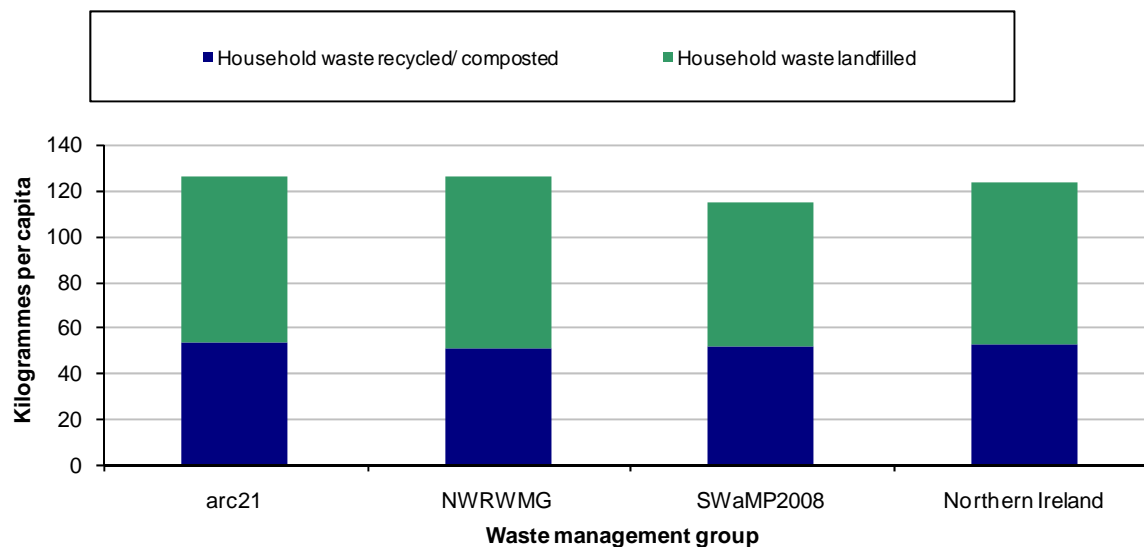


Table 8 Household waste arisings per capita by waste management group, KPI (p)

	Unit: Kilogrammes per capita			
	arc21	NWRWVG	SWaMP2008	Northern Ireland
Household waste recycled/ composted	53	51	52	52
Household waste landfilled	73	75	63	71
<b>Household waste arisings</b>	<b>127</b>	<b>130</b>	<b>122</b>	<b>126</b>

Source: NIEA, NISRA Mid-Year Populations Estimates 2010

- On average, there were 126 kilogrammes of household waste arisings collected per head of population in Northern Ireland. Of this, approximately 41% was recycled / composted and 56% was landfilled, with the balance being largely accounted for by re-use.
- NWRWVG had the highest household waste arisings per capita at 130 kg/ca, with SWaMP2008 having the lowest at 122kg per person. The three waste management groups had similar amounts of waste recycled or composted per head of population. For household waste landfilled per person SWaMP had the lowest amount at 63 kg/ca, with the other two waste management groups reporting similar amounts.
- 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).

## Quarterly provisional figures

### Biodegradable Municipal Waste (BMW) to landfill

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

				Unit: Tonnes
	arc21	NWRWMG	SWaMP2008	Northern Ireland
BMW to landfill in quarter	43,377	16,687	18,993	79,057
11/12 allocation	248,533	88,886	128,531	465,950
% of annual allocation of BMW to landfill in quarter	17.5	18.8	14.8	17.0
% of annual allocation of BMW to landfill in year-to-date	17.5	18.8	14.8	17.0
Source: NIEA				

- 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 2011/12, the allocation of BMW sent to landfill for Northern Ireland is 465,950 tonnes.
- In total, 79,057 tonnes of BMW were sent to landfill during this quarter. This equates to 17.0% 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 ( <a href="http://www.wastedataflow.org">www.wastedataflow.org</a> )
Waste collected for disposal	
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.

Population data used to calculate KPI(p), Household waste arisings per capita, (see appendix Table A12) are taken from the 2010 mid-year population estimates that are produced by NISRA, and are the most up-to-date available. 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 (up to March 2011) 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.

Due to the significant impact of in-year revisions at low geographical levels, the provisional District Council level figures should only be viewed as indicative and any comparisons made with care and with due regard to seasonal factors. For this reason no commentary will be provided on District Council results until the publication of the finalised annual figures in December.

### **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 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. Further information on responses to the DOE consultation paper can be found at:

[http://www.doeni.gov.uk/summary\\_of\\_ni\\_responses\\_to\\_the\\_consultation\\_paper\\_on\\_meeting\\_eu\\_landfill\\_diversion\\_targets.pdf](http://www.doeni.gov.uk/summary_of_ni_responses_to_the_consultation_paper_on_meeting_eu_landfill_diversion_targets.pdf)

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\\_annual\\_report\\_2009-10r.pdf](http://www.doeni.gov.uk/northern_ireland_municipal_waste_management_statistics_annual_report_2009-10r.pdf)

### Quarterly provisional figures

- 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.
- 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.

## Quarterly provisional figures

### Feedback

Provisional quarterly data is now published on a regular basis. In order to inform future work we would welcome feedback from users on the published results. Comments may be sent to:

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### Web links

Municipal Waste information for England  
<http://www.defra.gov.uk/statistics/environment/waste/>

Municipal waste information for Scotland  
[www.sepa.org.uk/waste/waste\\_data/municipal\\_waste.aspx](http://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](http://wales.gov.uk/topics/environmentcountryside/epq/waste_recycling/bysector/municipal/?lang=en)

Municipal waste information for Northern Ireland  
[http://www.doeni.gov.uk/niea/waste-home/municipal\\_data\\_reporting.htm](http://www.doeni.gov.uk/niea/waste-home/municipal_data_reporting.htm)

Northern Ireland Waste Management Strategy 2006 to 2020  
<http://www.doeni.gov.uk/niea/wms.17.pdf>

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[www.doeni.gov.uk/index/information/asb.htm](http://www.doeni.gov.uk/index/information/asb.htm)

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April - June 2011  
Provisional Estimates



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[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 2011/12 the data are provisional and the final figures will be released in December 2012, 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
<b>arc21</b>			
Antrim	7,998	1,557	<b>9,555</b>
Ards	10,469	1,086	<b>11,555</b>
Ballymena	7,905	784	<b>8,690</b>
Belfast	32,772	6,209	<b>38,981</b>
Carrickfergus	5,324	1,345	<b>6,668</b>
Castlereagh	8,025	510	<b>8,535</b>
Down	8,403	808	<b>9,211</b>
Larne	4,539	942	<b>5,480</b>
Lisburn	14,503	1,659	<b>16,162</b>
Newtownabbey	10,849	1,059	<b>11,908</b>
North Down	10,371	2,302	<b>12,673</b>
All arc21	<b>121,157</b>	<b>18,261</b>	<b>139,418</b>
<b>NWRWMG</b>			
Ballymoney	3,771	578	<b>4,349</b>
Coleraine	9,076	1,205	<b>10,281</b>
Derry	12,928	1,687	<b>14,614</b>
Limavady	4,632	212	<b>4,844</b>
Magherafelt	5,809	756	<b>6,565</b>
Moyle	2,256	252	<b>2,508</b>
Strabane	4,789	491	<b>5,280</b>
All NWRWMG	<b>43,260</b>	<b>5,180</b>	<b>48,440</b>
<b>SWaMP2008</b>			
Armagh	6,952	872	<b>7,824</b>
Banbridge	6,758	616	<b>7,374</b>
Cookstown	4,766	575	<b>5,341</b>
Craigavon	12,458	960	<b>13,418</b>
Dungannon	7,572	511	<b>8,083</b>
Fermanagh	6,568	1,001	<b>7,569</b>
Newry and Mourne	11,283	1,500	<b>12,783</b>
Omagh	5,955	630	<b>6,585</b>
All SWaMP2008	<b>62,312</b>	<b>6,665</b>	<b>68,977</b>
Northern Ireland	<b>226,729</b>	<b>30,105</b>	<b>256,835</b>

Source: NIEA

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

Area	Kerbside	Civic amenity site	Bring site	Other method	Unit: Tonnage Municipal waste arisings
<b>arc21</b>					
Antrim	4,712	4,356	26	462	<b>9,555</b>
Ards	7,127	3,966	167	294	<b>11,555</b>
Ballymena	6,169	2,021	62	437	<b>8,690</b>
Belfast	29,347	6,232	265	3,137	<b>38,981</b>
Carrickfergus	4,154	2,373	57	84	<b>6,668</b>
Castlereagh	6,449	1,576	50	459	<b>8,535</b>
Down	6,622	1,803	191	595	<b>9,211</b>
Larne	3,422	1,747	52	259	<b>5,480</b>
Lisburn	11,508	4,022	141	492	<b>16,162</b>
Newtownabbey	8,090	2,901	18	898	<b>11,908</b>
North Down	8,335	3,542	216	580	<b>12,673</b>
All arc21	<b>95,934</b>	<b>34,541</b>	<b>1,246</b>	<b>7,697</b>	<b>139,418</b>
<b>NWRWMG</b>					
Ballymoney	2,995	996	44	314	<b>4,349</b>
Coleraine	5,508	4,245	74	453	<b>10,281</b>
Derry	9,406	4,157	106	945	<b>14,615</b>
Limavady	3,116	1,445	82	200	<b>4,844</b>
Magherafelt	4,396	2,012	12	144	<b>6,565</b>
Moyle	1,770	672	50	16	<b>2,508</b>
Strabane	3,606	1,326	116	232	<b>5,280</b>
All NWRWMG	<b>30,799</b>	<b>14,853</b>	<b>485</b>	<b>2,304</b>	<b>48,441</b>
<b>SWaMP2008</b>					
Armagh	5,171	2,225	44	383	<b>7,824</b>
Banbridge	4,490	2,575	19	289	<b>7,374</b>
Cookstown	3,339	1,707	77	218	<b>5,341</b>
Craigavon	8,999	3,637	109	673	<b>13,418</b>
Dungannon	5,682	1,960	73	368	<b>8,083</b>
Fermanagh	5,035	1,920	96	518	<b>7,569</b>
Newry and Mourne	8,728	3,192	185	677	<b>12,783</b>
Omagh	4,039	2,175	80	292	<b>6,585</b>
All SWaMP2008	<b>45,483</b>	<b>19,391</b>	<b>684</b>	<b>3,419</b>	<b>68,977</b>
Northern Ireland	<b>172,216</b>	<b>68,785</b>	<b>2,414</b>	<b>13,421</b>	<b>256,835</b>

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
<b>arc21</b>					
Antrim	2,779	2,727	5,506	3,966	9,555
Ards	2,082	2,818	4,900	6,621	11,555
Ballymena	1,489	1,679	3,169	5,520	8,690
Belfast	5,722	5,205	10,926	27,726	38,981
Carrickfergus	1,995	1,384	3,379	3,290	6,668
Castlereagh	1,670	2,105	3,775	4,676	8,535
Down	1,432	1,466	2,898	6,285	9,211
Larne	1,276	1,370	2,646	2,519	5,480
Lisburn	3,176	3,958	7,133	8,890	16,162
Newtownabbey	2,088	3,088	5,176	6,649	11,908
North Down	3,260	2,966	6,226	6,380	12,673
All arc21	<b>26,969</b>	<b>28,765</b>	<b>55,734</b>	<b>82,522</b>	<b>139,418</b>
<b>NWRWVG</b>					
Ballymoney	867	847	1,714	2,598	4,349
Coleraine	2,280	1,706	3,987	5,872	10,281
Derry	3,750	523	4,272	10,342	14,614
Limavady	1,156	588	1,744	2,891	4,844
Magherafelt	2,229	1,836	4,064	1,784	6,565
Moyle	748	364	1,111	1,397	2,508
Strabane	1,388	330	1,718	3,358	5,280
All NWRWVG	<b>12,419</b>	<b>6,192</b>	<b>18,611</b>	<b>28,243</b>	<b>48,440</b>
<b>SWaMP2008</b>					
Armagh	1,816	1,727	3,544	3,722	7,824
Banbridge	1,477	2,550	4,027	3,347	7,374
Cookstown	1,073	1,185	2,257	3,058	5,341
Craigavon	2,238	2,892	5,130	5,146	13,418
Dungannon	1,457	1,807	3,264	4,765	8,083
Fermanagh	2,140	696	2,835	4,705	7,569
Newry and Mourne	2,331	2,023	4,354	8,340	12,783
Omagh	1,523	1,334	2,857	3,698	6,585
All SWaMP2008	<b>14,055</b>	<b>14,213</b>	<b>28,268</b>	<b>36,780</b>	<b>68,977</b>
Northern Ireland	<b>53,443</b>	<b>49,170</b>	<b>102,613</b>	<b>147,545</b>	<b>256,835</b>

Source: NIEA

Note: 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.

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
<b>arc21</b>				
Antrim	29.1	28.5	57.6	41.5
Ards	18.0	24.4	42.4	57.3
Ballymena	17.1	19.3	36.5	63.5
Belfast	14.7	13.4	28.0	71.1
Carrickfergus	29.9	20.8	50.7	49.3
Castlereagh	19.6	24.7	44.2	54.8
Down	15.5	15.9	31.5	68.2
Larne	23.3	25.0	48.3	46.0
Lisburn	19.7	24.5	44.1	55.0
Newtownabbey	17.5	25.9	43.5	55.8
North Down	25.7	23.4	49.1	50.3
All arc21	<b>19.3</b>	<b>20.6</b>	<b>40.0</b>	<b>59.2</b>
<b>NWRWMG</b>				
Ballymoney	19.9	19.5	39.4	59.7
Coleraine	22.2	16.6	38.8	57.1
Derry	25.7	3.6	29.2	70.8
Limavady	23.9	12.1	36.0	59.7
Magherafelt	34.0	28.0	61.9	27.2
Moyle	29.8	14.5	44.3	55.7
Strabane	26.3	6.2	32.5	63.6
All NWRWMG	<b>25.6</b>	<b>12.8</b>	<b>38.4</b>	<b>58.3</b>
<b>SWaMP2008</b>				
Armagh	23.2	22.1	45.3	47.6
Banbridge	20.0	34.6	54.6	45.4
Cookstown	20.1	22.2	42.3	57.2
Craigavon	16.7	21.6	38.2	38.4
Dungannon	18.0	22.3	40.4	58.9
Fermanagh	28.3	9.2	37.5	62.2
Newry and Mourne	18.2	15.8	34.1	65.2
Omagh	23.1	20.3	43.4	56.2
All SWaMP2008	<b>20.4</b>	<b>20.6</b>	<b>41.0</b>	<b>53.3</b>
Northern Ireland	<b>20.8</b>	<b>19.1</b>	<b>40.0</b>	<b>57.4</b>

Source: NIEA

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

Note: The percentage 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.

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
<b>arc21</b>							
Antrim	105	34	581	111	2,727	1,815	<b>5,373</b>
Ards	266	55	911	193	2,818	626	<b>4,870</b>
Ballymena	255	39	549	78	1,679	571	<b>3,170</b>
Belfast	710	156	2,621	486	5,205	1,615	<b>10,792</b>
Carrickfergus	212	31	326	63	1,384	1,362	<b>3,379</b>
Castlereagh	303	52	651	100	2,105	555	<b>3,766</b>
Down	245	41	658	114	1,466	348	<b>2,872</b>
Larne	142	23	412	87	1,370	901	<b>2,934</b>
Lisburn	207	74	1,229	247	3,958	1,390	<b>7,105</b>
Newtownabbey	499	69	828	158	3,088	533	<b>5,176</b>
North Down	309	60	1,021	179	2,968	1,688	<b>6,225</b>
All arc21	<b>3,253</b>	<b>634</b>	<b>9,787</b>	<b>1,817</b>	<b>28,767</b>	<b>11,404</b>	<b>55,661</b>
<b>NWRWMG</b>							
Ballymoney	57	24	313	50	847	381	<b>1,672</b>
Coleraine	129	52	717	113	1,706	832	<b>3,550</b>
Derry	284	85	1,119	184	523	1,232	<b>3,426</b>
Limavady	101	28	475	47	588	246	<b>1,485</b>
Magherafelt	70	45	586	64	1,836	732	<b>3,332</b>
Moyle	41	17	211	22	364	121	<b>776</b>
Strabane	111	35	445	42	330	360	<b>1,321</b>
All NWRWMG	<b>793</b>	<b>285</b>	<b>3,866</b>	<b>522</b>	<b>6,192</b>	<b>3,904</b>	<b>15,563</b>
<b>SWaMP2008</b>							
Armagh	287	46	561	82	1,727	785	<b>3,488</b>
Banbridge	297	34	430	96	2,550	620	<b>4,027</b>
Cookstown	88	24	457	50	1,185	485	<b>2,288</b>
Craigavon	164	39	1,219	170	2,892	826	<b>5,310</b>
Dungannon	101	33	736	98	1,807	912	<b>3,687</b>
Fermanagh	243	57	872	104	696	1,004	<b>2,975</b>
Newry and Mourne	251	42	1,277	154	2,023	696	<b>4,442</b>
Omagh	126	31	718	88	1,334	611	<b>2,907</b>
All SWaMP2008	<b>1,557</b>	<b>304</b>	<b>6,270</b>	<b>843</b>	<b>14,213</b>	<b>5,939</b>	<b>29,125</b>
Northern Ireland	<b>5,602</b>	<b>1,223</b>	<b>19,923</b>	<b>3,182</b>	<b>49,172</b>	<b>21,247</b>	<b>100,349</b>

Source: NIEA

\* Includes waste collected at civic amenity sites, bring sites, kerbside, street recycling bins &amp; 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
<b>arc21</b>							
Antrim	0	34	533	0	1,354	58	<b>1,979</b>
Ards	0	54	859	0	2,011	94	<b>3,018</b>
Ballymena	219	38	501	0	1,144	70	<b>1,972</b>
Belfast	249	151	2,260	0	3,962	275	<b>6,897</b>
Carrickfergus	187	30	276	0	1,209	56	<b>1,758</b>
Castlereagh	215	50	574	7	1,813	97	<b>2,757</b>
Down	0	40	631	0	1,013	69	<b>1,752</b>
Larne	72	22	368	0	1,021	39	<b>1,522</b>
Lisburn	0	73	1,167	0	3,329	128	<b>4,697</b>
Newtownabbey	424	68	749	0	2,287	126	<b>3,653</b>
North Down	0	60	952	0	2,269	103	<b>3,385</b>
All arc21	<b>1,366</b>	<b>619</b>	<b>8,870</b>	<b>7</b>	<b>21,413</b>	<b>1,115</b>	<b>33,390</b>
<b>NWRWMG</b>							
Ballymoney	0	24	291	0	558	93	<b>966</b>
Coleraine	0	51	623	0	0	200	<b>873</b>
Derry	81	83	1,009	0	0	328	<b>1,501</b>
Limavady	0	27	365	0	329	148	<b>869</b>
Magherafelt	22	44	518	0	1,208	173	<b>1,964</b>
Moyle	0	17	207	0	223	67	<b>514</b>
Strabane	0	33	402	0	0	129	<b>564</b>
All NWRWMG	<b>103</b>	<b>279</b>	<b>3,415</b>	<b>0</b>	<b>2,318</b>	<b>1,137</b>	<b>7,252</b>
<b>SWaMP2008</b>							
Armagh	235	43	353	1	1,212	94	<b>1,937</b>
Banbridge	174	32	261	0	1,739	60	<b>2,267</b>
Cookstown	0	23	402	0	456	119	<b>1,000</b>
Craigavon	0	38	1,126	0	1,568	224	<b>2,956</b>
Dungannon	0	33	665	0	1,204	180	<b>2,081</b>
Fermanagh	138	56	871	0	0	339	<b>1,404</b>
Newry and Mourne	0	40	1,151	0	1,148	208	<b>2,546</b>
Omagh	0	30	591	0	681	166	<b>1,468</b>
All SWaMP2008	<b>547</b>	<b>296</b>	<b>5,421</b>	<b>1</b>	<b>8,007</b>	<b>1,390</b>	<b>15,661</b>
Northern Ireland	<b>2,016</b>	<b>1,194</b>	<b>17,706</b>	<b>8</b>	<b>31,737</b>	<b>3,642</b>	<b>56,303</b>

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
<b>arc21</b>							
Antrim	85	1	48	111	1,373	1,751	<b>3,368</b>
Ards	105	1	52	193	807	526	<b>1,684</b>
Ballymena	0	0	31	78	535	491	<b>1,135</b>
Belfast	273	5	310	486	1,186	1,312	<b>3,571</b>
Carrickfergus	6	0	21	63	175	1,299	<b>1,564</b>
Castlereagh	46	1	73	93	292	454	<b>959</b>
Down	55	0	28	114	434	279	<b>910</b>
Larne	25	0	44	87	349	856	<b>1,360</b>
Lisburn	74	0	59	247	629	1,258	<b>2,267</b>
Newtownabbey	61	1	78	158	773	405	<b>1,477</b>
North Down	102	0	64	179	667	1,463	<b>2,475</b>
All arc21	<b>831</b>	<b>10</b>	<b>807</b>	<b>1,809</b>	<b>7,218</b>	<b>10,095</b>	<b>20,771</b>
<b>NWRWMG</b>							
Ballymoney	18	0	21	50	289	284	<b>662</b>
Coleraine	71	1	87	113	1,706	624	<b>2,603</b>
Derry	103	2	110	184	523	898	<b>1,819</b>
Limavady	24	0	111	47	259	94	<b>534</b>
Magherafelt	40	0	68	64	628	556	<b>1,356</b>
Moyle	2	0	0	22	141	30	<b>195</b>
Strabane	26	0	18	42	330	226	<b>641</b>
All NWRWMG	<b>283</b>	<b>3</b>	<b>413</b>	<b>522</b>	<b>3,875</b>	<b>2,713</b>	<b>7,810</b>
<b>SWaMP2008</b>							
Armagh	40	2	178	82	476	690	<b>1,467</b>
Banbridge	124	1	168	96	751	541	<b>1,682</b>
Cookstown	24	0	54	50	729	354	<b>1,211</b>
Craigavon	65	0	93	170	1,324	592	<b>2,245</b>
Dungannon	45	0	71	98	603	347	<b>1,164</b>
Fermanagh	21	0	1	104	696	653	<b>1,475</b>
Newry and Mourne	103	0	115	154	875	463	<b>1,711</b>
Omagh	57	0	127	88	653	435	<b>1,359</b>
All SWaMP2008	<b>478</b>	<b>4</b>	<b>807</b>	<b>842</b>	<b>6,107</b>	<b>4,074</b>	<b>12,313</b>
Northern Ireland	<b>1,593</b>	<b>18</b>	<b>2,028</b>	<b>3,173</b>	<b>17,200</b>	<b>16,882</b>	<b>40,893</b>

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
<b>arc21</b>							
Antrim	20	0	0	0	0	6	26
Ards	161	0	0	0	0	6	167
Ballymena	36	1	16	0	0	9	62
Belfast	188	0	48	0	0	28	265
Carrickfergus	20	1	29	0	0	7	57
Castlereagh	41	1	4	0	0	4	50
Down	190	1	0	0	0	0	191
Larne	46	1	0	0	0	6	52
Lisburn	133	0	3	0	0	5	141
Newtownabbey	15	0	2	0	0	1	18
North Down	207	0	5	0	0	5	216
All arc21	<b>1,056</b>	<b>5</b>	<b>108</b>	<b>0</b>	<b>0</b>	<b>77</b>	<b>1,246</b>
<b>NWRWMG</b>							
Ballymoney	39	0	1	0	0	4	44
Coleraine	58	0	8	0	0	8	74
Derry	100	1	0	0	0	6	106
Limavady	77	0	0	0	0	4	82
Magherafelt	9	0	0	0	0	3	12
Moyle	39	0	4	0	0	8	50
Strabane	85	2	25	0	0	5	116
All NWRWMG	<b>407</b>	<b>3</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>485</b>
<b>SWaMP2008</b>							
Armagh	13	0	31	0	0	1	44
Banbridge	0	0	0	0	0	19	19
Cookstown	64	0	1	0	0	11	77
Craigavon	99	0	0	0	0	10	109
Dungannon	55	0	0	0	0	17	73
Fermanagh	83	0	0	0	0	12	96
Newry and Mourne	148	1	11	0	0	26	185
Omagh	69	1	0	0	0	10	80
All SWaMP2008	<b>531</b>	<b>4</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>107</b>	<b>684</b>
Northern Ireland	<b>1,994</b>	<b>11</b>	<b>187</b>	<b>0</b>	<b>0</b>	<b>221</b>	<b>2,414</b>

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
<b>arc21</b>						
Antrim	2,232	988	488	<b>3,708</b>	475	<b>4,182</b>
Ards	3,300	1,985	381	<b>5,666</b>	1,019	<b>6,685</b>
Ballymena	3,648	887	536	<b>5,070</b>	450	<b>5,520</b>
Belfast	17,121	2,661	2,402	<b>22,184</b>	6,005	<b>28,189</b>
Carrickfergus	1,789	809	307	<b>2,905</b>	385	<b>3,290</b>
Castlereagh	3,283	617	609	<b>4,509</b>	260	<b>4,769</b>
Down	4,126	893	530	<b>5,549</b>	790	<b>6,339</b>
Larne	1,516	387	329	<b>2,231</b>	315	<b>2,546</b>
Lisburn	5,642	1,755	699	<b>8,096</b>	962	<b>9,057</b>
Newtownabbey	3,885	1,291	564	<b>5,740</b>	992	<b>6,731</b>
North Down	3,706	843	544	<b>5,093</b>	1,355	<b>6,448</b>
All arc21	<b>50,248</b>	<b>13,115</b>	<b>7,388</b>	<b>70,751</b>	<b>13,005</b>	<b>83,756</b>
<b>NWRWMG</b>						
Ballymoney	1,728	334	179	<b>2,241</b>	436	<b>2,677</b>
Coleraine	3,835	1,643	357	<b>5,834</b>	896	<b>6,730</b>
Derry	6,125	2,338	1,446	<b>9,909</b>	1,221	<b>11,130</b>
Limavady	2,067	911	200	<b>3,179</b>	180	<b>3,359</b>
Magherafelt	2,096	558	162	<b>2,816</b>	417	<b>3,232</b>
Moyle	967	477	38	<b>1,482</b>	251	<b>1,733</b>
Strabane	2,596	629	246	<b>3,472</b>	487	<b>3,958</b>
All NWRWMG	<b>19,413</b>	<b>6,890</b>	<b>2,628</b>	<b>28,932</b>	<b>3,888</b>	<b>32,819</b>
<b>SWaMP2008</b>						
Armagh	2,844	697	331	<b>3,872</b>	463	<b>4,335</b>
Banbridge	1,982	893	288	<b>3,163</b>	184	<b>3,347</b>
Cookstown	2,064	465	220	<b>2,748</b>	304	<b>3,053</b>
Craigavon	5,495	1,044	608	<b>7,147</b>	960	<b>8,108</b>
Dungannon	3,100	796	0	<b>3,896</b>	501	<b>4,397</b>
Fermanagh	3,170	445	431	<b>4,046</b>	548	<b>4,594</b>
Newry and Mourne	5,077	1,212	556	<b>6,844</b>	1,496	<b>8,340</b>
Omagh	2,372	620	153	<b>3,145</b>	533	<b>3,678</b>
All SWaMP2008	<b>26,104</b>	<b>6,172</b>	<b>2,586</b>	<b>34,863</b>	<b>4,989</b>	<b>39,852</b>
Northern Ireland	<b>95,765</b>	<b>26,178</b>	<b>12,603</b>	<b>134,546</b>	<b>21,882</b>	<b>156,427</b>

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
<b>arc21</b>					
Antrim	1,681	2,727	<b>4,408</b>	3,516	<b>7,998</b>
Ards	2,010	2,818	<b>4,828</b>	5,612	<b>10,469</b>
Ballymena	1,155	1,679	<b>2,834</b>	5,070	<b>7,905</b>
Belfast	5,535	5,148	<b>10,682</b>	21,820	<b>32,772</b>
Carrickfergus	1,035	1,384	<b>2,419</b>	2,905	<b>5,324</b>
Castlereagh	1,420	2,105	<b>3,525</b>	4,421	<b>8,025</b>
Down	1,429	1,447	<b>2,876</b>	5,502	<b>8,403</b>
Larne	945	1,370	<b>2,315</b>	2,208	<b>4,539</b>
Lisburn	2,474	3,958	<b>6,432</b>	7,946	<b>14,503</b>
Newtownabbey	2,049	3,060	<b>5,109</b>	5,670	<b>10,849</b>
North Down	2,347	2,925	<b>5,272</b>	5,040	<b>10,371</b>
All arc21	<b>22,080</b>	<b>28,619</b>	<b>50,699</b>	<b>69,710</b>	<b>121,157</b>
<b>NWRWMG</b>					
Ballymoney	712	847	<b>1,559</b>	2,181	<b>3,771</b>
Coleraine	1,902	1,706	<b>3,609</b>	5,090	<b>9,076</b>
Derry	3,217	523	<b>3,740</b>	9,234	<b>12,928</b>
Limavady	1,108	588	<b>1,696</b>	2,737	<b>4,632</b>
Magherafelt	1,784	1,836	<b>3,619</b>	1,566	<b>5,809</b>
Moyle	694	364	<b>1,057</b>	1,199	<b>2,256</b>
Strabane	1,328	330	<b>1,658</b>	2,952	<b>4,789</b>
All NWRWMG	<b>10,745</b>	<b>6,192</b>	<b>16,937</b>	<b>24,959</b>	<b>43,260</b>
<b>SWaMP2008</b>					
Armagh	1,439	1,687	<b>3,127</b>	3,324	<b>6,952</b>
Banbridge	1,104	2,491	<b>3,595</b>	3,163	<b>6,758</b>
Cookstown	803	1,185	<b>1,988</b>	2,753	<b>4,766</b>
Craigavon	2,187	2,892	<b>5,079</b>	4,608	<b>12,458</b>
Dungannon	1,446	1,807	<b>3,253</b>	4,264	<b>7,572</b>
Fermanagh	1,709	696	<b>2,405</b>	4,135	<b>6,568</b>
Newry and Mourne	2,328	2,023	<b>4,351</b>	6,844	<b>11,283</b>
Omagh	1,426	1,334	<b>2,760</b>	3,162	<b>5,955</b>
All SWaMP2008	<b>12,443</b>	<b>14,114</b>	<b>26,556</b>	<b>32,255</b>	<b>62,312</b>
Northern Ireland	<b>45,267</b>	<b>48,925</b>	<b>94,192</b>	<b>126,924</b>	<b>226,729</b>

Source: NIEA

Note: 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.

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
<b>arc21</b>				
Antrim	21.0	34.1	55.1	44.0
Ards	19.2	26.9	46.1	53.6
Ballymena	14.6	21.2	35.8	64.1
Belfast	16.9	15.7	32.6	66.6
Carrickfergus	19.4	26.0	45.4	54.6
Castlereagh	17.7	26.2	43.9	55.1
Down	17.0	17.2	34.2	65.5
Larne	20.8	30.2	51.0	48.6
Lisburn	17.1	27.3	44.3	54.8
Newtownabbey	18.9	28.2	47.1	52.3
North Down	22.6	28.2	50.8	48.6
All arc21	<b>18.2</b>	<b>23.6</b>	<b>41.8</b>	<b>57.5</b>
<b>NWRWMG</b>				
Ballymoney	18.9	22.5	41.3	57.8
Coleraine	21.0	18.8	39.8	56.1
Derry	24.9	4.0	28.9	71.4
Limavady	23.9	12.7	36.6	59.1
Magherafelt	30.7	31.6	62.3	27.0
Moyle	30.7	16.1	46.9	53.1
Strabane	27.7	6.9	34.6	61.6
All NWRWMG	<b>24.8</b>	<b>14.3</b>	<b>39.2</b>	<b>57.7</b>
<b>SWaMP2008</b>				
Armagh	20.7	24.3	45.0	47.8
Banbridge	16.3	36.9	53.2	46.8
Cookstown	16.9	24.9	41.7	57.8
Craigavon	17.6	23.2	40.8	37.0
Dungannon	19.1	23.9	43.0	56.3
Fermanagh	26.0	10.6	36.6	63.0
Newry and Mourne	20.6	17.9	38.6	60.7
Omagh	23.9	22.4	46.3	53.1
All SWaMP2008	<b>20.0</b>	<b>22.7</b>	<b>42.6</b>	<b>51.8</b>
Northern Ireland	<b>20.0</b>	<b>21.6</b>	<b>41.5</b>	<b>56.0</b>

Source: NIEA

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

Note: The percentage 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.

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

Unit: Kilogrammes per capita

Area	Household waste recycled/ composted	Household waste landfilled	Household waste arisings
<b>arc21</b>			
Antrim	81	65	<b>148</b>
Ards	62	72	<b>134</b>
Ballymena	45	80	<b>124</b>
Belfast	40	81	<b>122</b>
Carrickfergus	60	72	<b>132</b>
Castlereagh	53	66	<b>120</b>
Down	41	78	<b>119</b>
Larne	73	70	<b>143</b>
Lisburn	55	67	<b>123</b>
Newtownabbey	61	68	<b>130</b>
North Down	66	63	<b>130</b>
All arc21	<b>53</b>	<b>73</b>	<b>127</b>
<b>NWRWMG</b>			
Ballymoney	51	71	<b>123</b>
Coleraine	64	90	<b>160</b>
Derry	34	84	<b>118</b>
Limavady	50	81	<b>138</b>
Magherafelt	81	35	<b>130</b>
Moyle	62	71	<b>133</b>
Strabane	41	74	<b>119</b>
All NWRWMG	<b>51</b>	<b>75</b>	<b>130</b>
<b>SWaMP2008</b>			
Armagh	53	56	<b>117</b>
Banbridge	75	66	<b>141</b>
Cookstown	54	75	<b>130</b>
Craigavon	54	49	<b>133</b>
Dungannon	56	74	<b>131</b>
Fermanagh	38	66	<b>104</b>
Newry and Mourne	44	69	<b>113</b>
Omagh	52	60	<b>113</b>
All SWaMP2008	<b>52</b>	<b>63</b>	<b>122</b>
Northern Ireland	<b>52</b>	<b>71</b>	<b>126</b>

Source: NIEA, NISRA

Note: The amount 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.

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

Unit: Kilogrammes per household

Area	Household waste recycled/ composted	Household waste landfilled	Household waste arisings
<b>arc21</b>			
Antrim	212	169	<b>384</b>
Ards	143	166	<b>310</b>
Ballymena	112	200	<b>311</b>
Belfast	84	172	<b>258</b>
Carrickfergus	149	179	<b>327</b>
Castlereagh	122	153	<b>279</b>
Down	103	197	<b>301</b>
Larne	163	156	<b>320</b>
Lisburn	134	166	<b>303</b>
Newtownabbey	144	160	<b>306</b>
North Down	152	146	<b>300</b>
All arc21	<b>123</b>	<b>169</b>	<b>294</b>
<b>NWRWMG</b>			
Ballymoney	128	180	<b>311</b>
Coleraine	133	187	<b>334</b>
Derry	93	230	<b>323</b>
Limavady	133	215	<b>364</b>
Magherafelt	226	98	<b>363</b>
Moyle	137	155	<b>292</b>
Strabane	108	192	<b>311</b>
All NWRWMG	<b>129</b>	<b>190</b>	<b>330</b>
<b>SWaMP2008</b>			
Armagh	139	148	<b>310</b>
Banbridge	185	163	<b>348</b>
Cookstown	145	200	<b>347</b>
Craigavon	133	121	<b>327</b>
Dungannon	152	200	<b>354</b>
Fermanagh	89	154	<b>244</b>
Newry and Mourne	128	201	<b>332</b>
Omagh	137	157	<b>296</b>
All SWaMP2008	<b>135</b>	<b>164</b>	<b>318</b>
Northern Ireland	<b>127</b>	<b>172</b>	<b>307</b>

Source: NIEA, NI Census, DSD

Note: The amount 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.

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

Area	11/12 allocation in tonnes	Tonnes of BMW to landfill for Apr-Jun	Total BMW to landfill Apr 11-Mar 12	% of 11/12 allocation used Apr-Jun
<b>arc21</b>				
Antrim	13,490	1,642	1,642	12.2
Ards	20,686	3,269	3,269	15.8
Ballymena	16,242	2,990	2,990	18.4
Belfast	70,573	15,984	15,984	22.6
Carrickfergus	10,652	1,661	1,661	15.6
Castlereagh	17,673	2,379	2,379	13.5
Down	18,345	3,549	3,549	19.3
Larne	8,336	1,307	1,307	15.7
Lisburn	29,943	4,300	4,300	14.4
Newtownabbey	21,787	3,278	3,278	15.0
North Down	20,807	3,017	3,017	14.5
All arc21	<b>248,533</b>	<b>43,377</b>	<b>43,377</b>	<b>17.5</b>
<b>NWRWMG</b>				
Ballymoney	7,992	1,364	1,364	17.1
Coleraine	15,209	3,291	3,291	21.6
Derry	29,375	6,662	6,662	22.7
Limavady	9,536	1,697	1,697	17.8
Magherafelt	11,563	819	819	7.1
Moyle	4,552	807	807	17.7
Strabane	10,659	2,047	2,047	19.2
All NWRWMG	<b>88,886</b>	<b>16,687</b>	<b>16,687</b>	<b>18.8</b>
<b>SWaMP2008</b>				
Armagh	15,334	1,911	1,911	12.5
Banbridge	12,395	1,423	1,423	11.5
Cookstown	9,344	1,625	1,625	17.4
Craigavon	22,825	2,464	2,464	10.8
Dungannon	13,534	2,347	2,347	17.3
Fermanagh	16,138	2,879	2,879	17.8
Newry and Mourne	25,251	4,474	4,474	17.7
Omagh	13,711	1,869	1,869	13.6
All SWaMP2008	<b>128,531</b>	<b>18,993</b>	<b>18,993</b>	<b>14.8</b>
Northern Ireland	<b>465,950</b>	<b>79,057</b>	<b>79,057</b>	<b>17.0</b>

Source: NIEA

\*This is subject to change pending the potential transfer of allowances and further year-end validations