



Department of the
Environment
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Northern Ireland Municipal Waste Management Statistics

January – March 2010 – provisional estimates



Quarterly provisional figures

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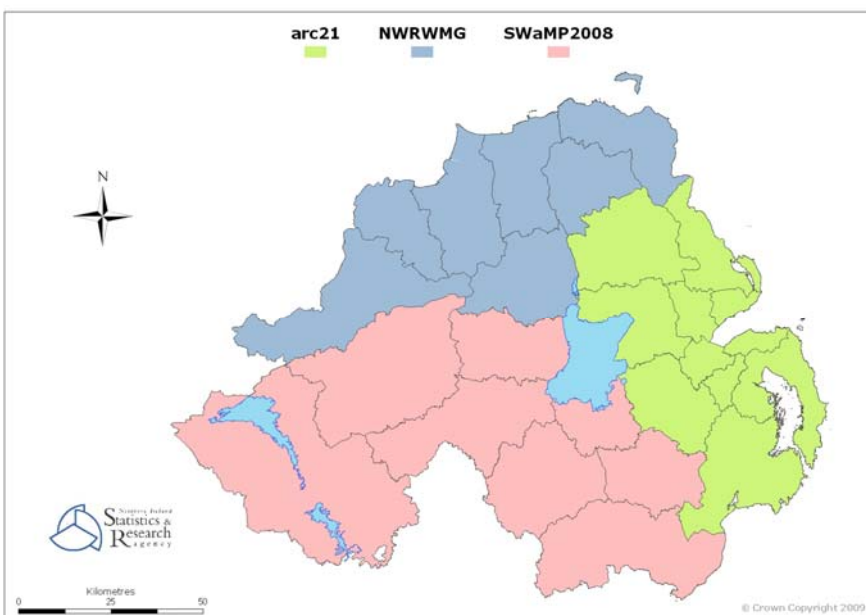
Introduction

This is the January – March 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 24 June 2010. At that time, all the district councils had made a return, giving a 100% response rate. Please note the following throughout the report:

- Totals may not add up due to rounding
- For figures less than 0.5 or 0.5%, the value recorded is '0'
- The tonnages of recycled (including composted) and landfilled waste may not always equal the waste arisings because the recycling measures were defined to capture outputs from recovery processes which excludes reuse
- The tonnages of waste collected for recycling or disposal may not always equal the tonnages of waste sent to the same, because of contamination of recyclates and / or recovery from residual waste streams.

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

Quarterly provisional figures

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

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Municipal waste arisings

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

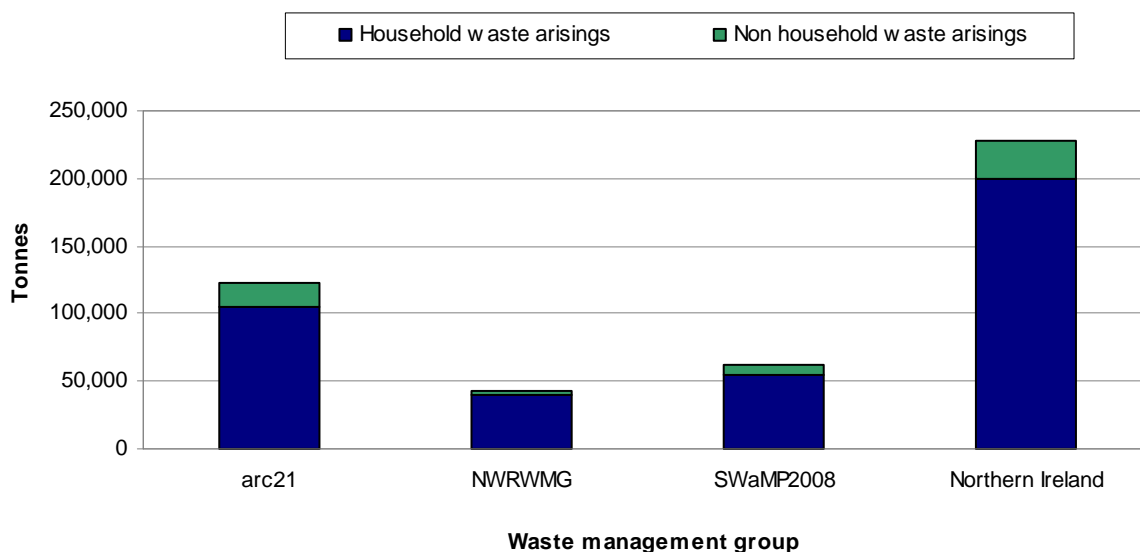


Table 1 Municipal waste arisings by waste management group, KPI (j)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Tonnes
Household waste arisings	105,724	39,240	55,063	200,026	
Non household waste arisings	16,394	3,766	7,328	27,488	
Total municipal waste arisings	122,118	43,006	62,390	227,514	
<i>Source: NIEA</i>					

- During the quarter, there were 227,514 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 fell by 2.4% this quarter compared to that for January – March 2009 (233,186).
- 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)

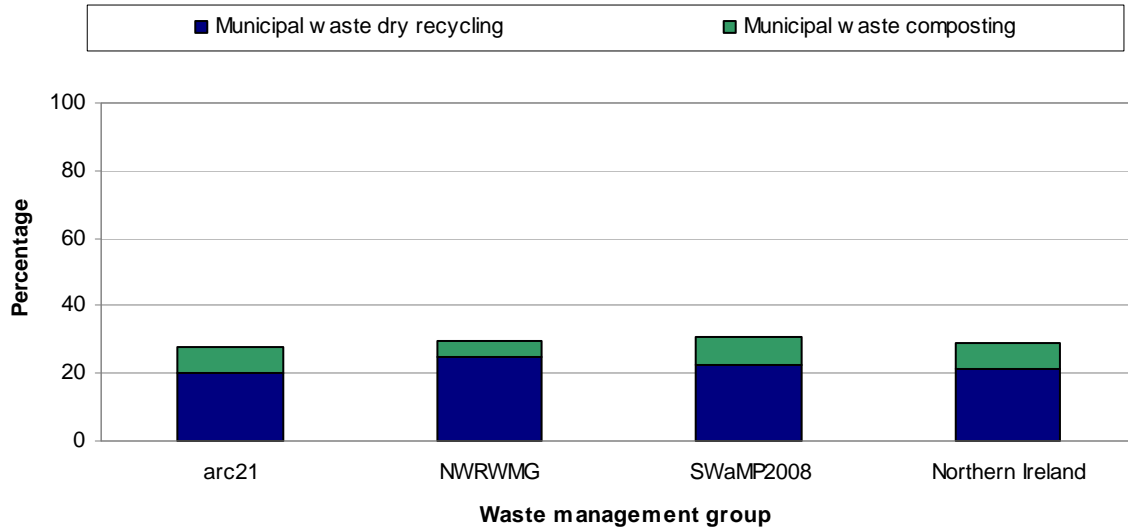


Table 2 Municipal waste sent for recycling and composting as a % of total municipal waste arisings by waste management group, KPI (e)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste dry recycling	19.8	25.1	22.3	21.5	
Municipal waste composting	8.1	4.5	8.2	7.5	
Municipal waste dry recycling and composting	28.0	29.6	30.5	29.0	
<i>Source: NIEA</i>					

- The percentage of municipal waste sent for recycling in this quarter was 21.5%, with the proportion sent for composting for the quarter equalling 7.5%.
- The total proportion of municipal waste sent for recycling and composting in this quarter was 29.0%. This is a largely unchanged compared to the January – March 2009 rate of 28.9%
- 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)

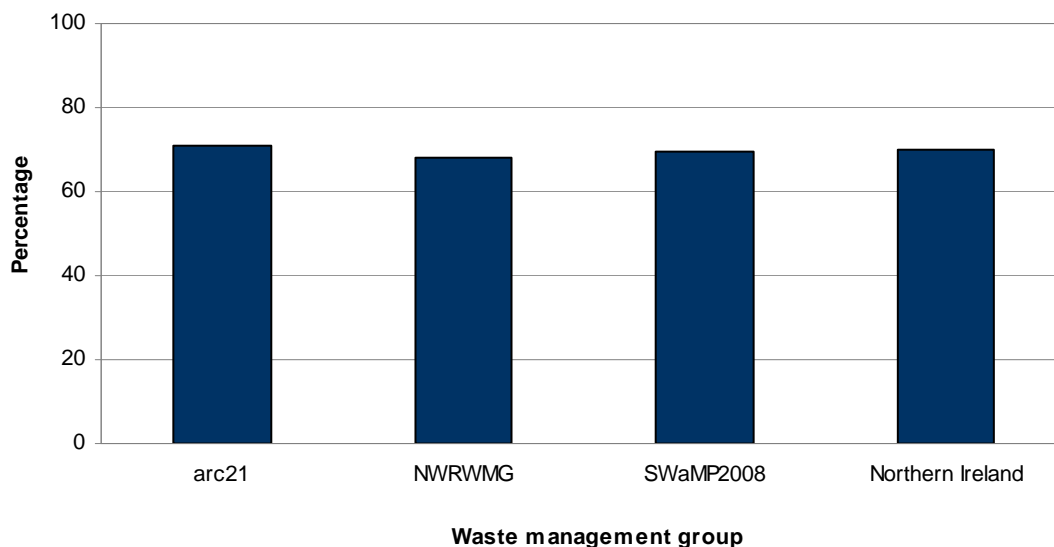


Table 3 Municipal waste landfilled as a % of total municipal waste arisings by waste management group, KPI (f)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Municipal waste landfilled	71.1	68.2	69.3	70.0	
<i>Source: NIEA</i>					

- The total tonnage of municipal waste sent to landfill for this quarter was 159,369 tonnes.
- The percentage of municipal waste sent to landfill in the current quarter was 70.0%. The proportion sent to landfill for this quarter was one percentage point lower compared to that for January to March 2009 (71.1%).
- 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

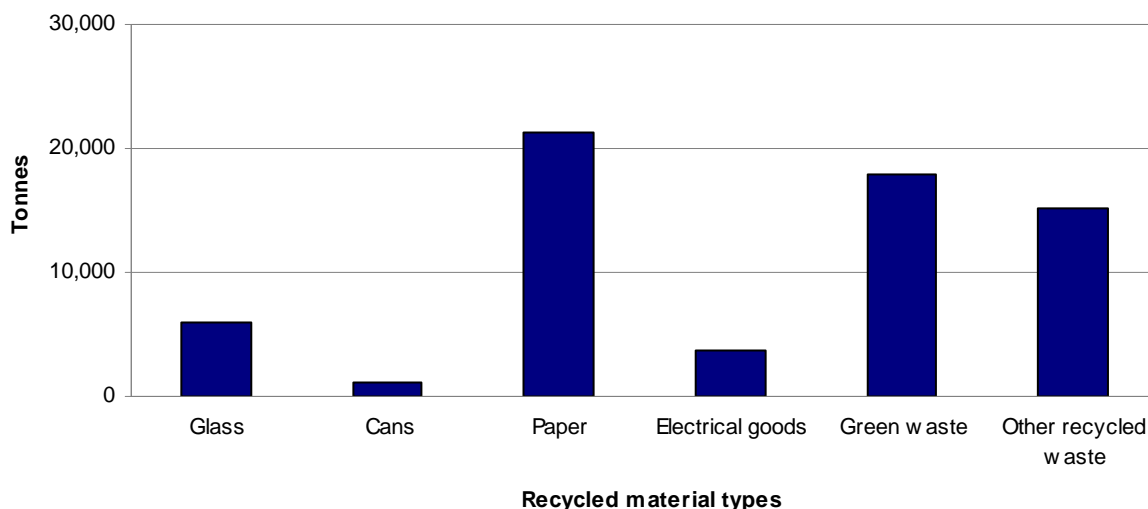


Table 4 Municipal waste material types collected for recycling by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Glass	3,231	898	1,819	5,948
Cans	501	297	324	1,121
Paper	10,894	3,898	6,573	21,366
Electrical goods	1,997	685	991	3,673
Green waste	9,972	1,930	5,938	17,840
Other recycled waste	7,896	2,352	4,861	15,109
All recycled waste collected	34,491	10,060	20,506	65,057
<i>Source: NIEA</i>				

- Collected recycled waste is not always sent for recycling due to contamination of recyclates.
- During the quarter, 21,366 tonnes of paper were collected which is 33% of the total recycled waste collected. In total, 17,840 (27%) tonnes of green waste and 15,109 (23%) tonnes of other recycled waste were collected.
- Looking at the remaining material types, 9% of recycled waste collected was glass, 6% was electrical goods and 2% 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

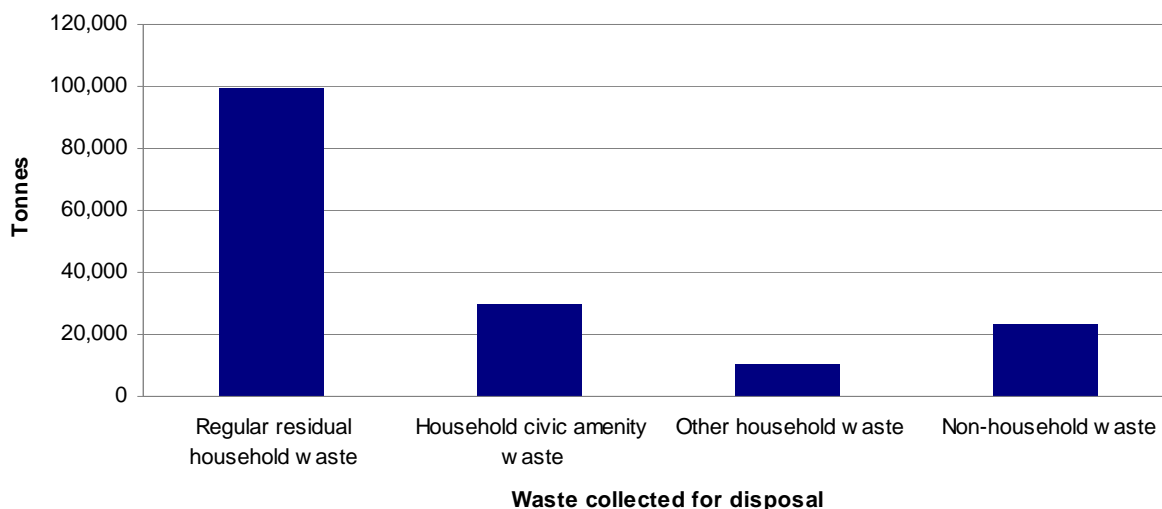


Table 5 Municipal waste collected for disposal by waste management group

	arc21	NWRWVG	SWaMP2008	Unit: Tonnes Northern Ireland
Regular residual household waste	54,624	19,779	25,195	99,598
Household civic amenity waste	13,158	7,921	8,743	29,822
Other household waste	6,077	1,847	2,137	10,061
Non-household waste	13,768	3,399	5,809	22,976
All municipal waste collected for disposal	87,627	32,946	41,884	162,457
<i>Source: NIEA</i>				

- Waste collected for disposal may not always be sent to landfill because of recovery from residual waste streams.
- There were 162,457 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)

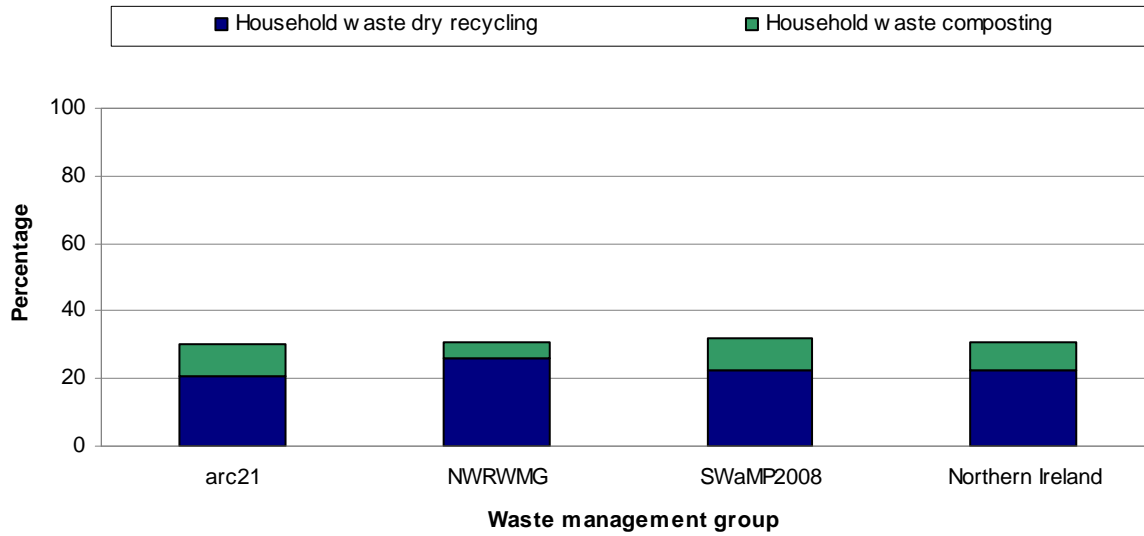


Table 6 Household waste sent for recycling and composting as a % of household waste arisings by waste management group, KPI (a)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste dry recycling	20.9	25.8	22.6	22.3	
Household waste composting	9.3	4.9	9.2	8.4	
Household waste dry recycling and composting	30.2	30.7	31.8	30.8	
<i>Source: NIEA</i>					

- The proportion of household waste sent for recycling in the current quarter was just over 22%. The proportion of household waste sent for composting in the quarter was just over 8%.
- The total percentage of household waste sent for recycling and composting was 30.8%. This is generally in line with the January – March 2009 figure of 30.6%.
- 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)

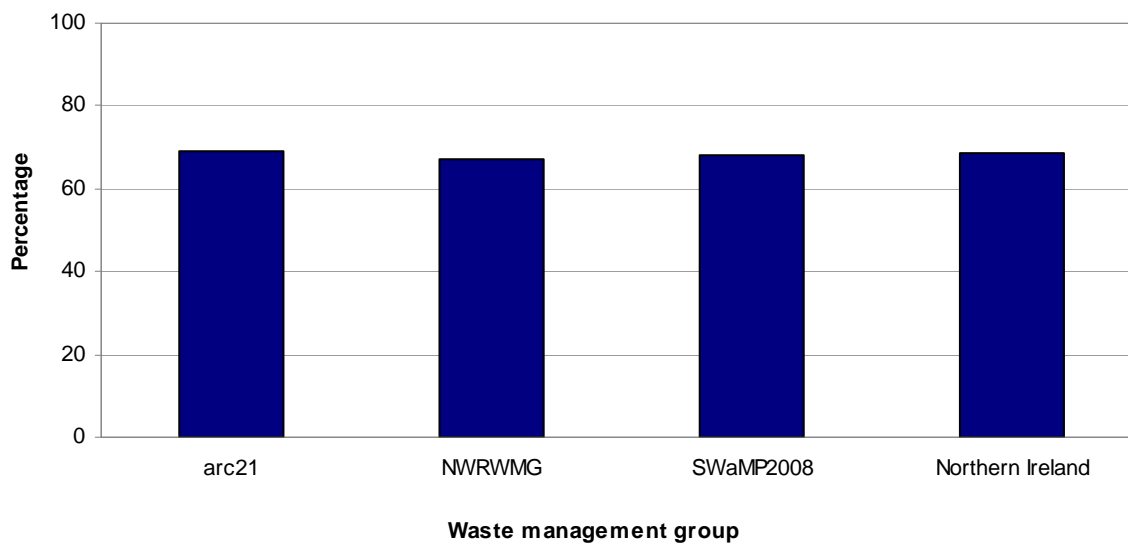


Table 7 Household waste landfilled as a % of household waste arisings by waste management group, KPI (b)

	arc21	NWRWMG	SWaMP2008	Northern Ireland	Unit: Percentage
Household waste landfilled	69.2	67.1	68.0	68.4	
<i>Source: NIEA</i>					

- The total tonnage of household waste sent to landfill for this quarter was 136,905 tonnes.
- The percentage of household waste sent to landfill in the current quarter was 68.4%. This is just over one percentage point lower compared to that for January – March 2009 (69.6%).
- 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)

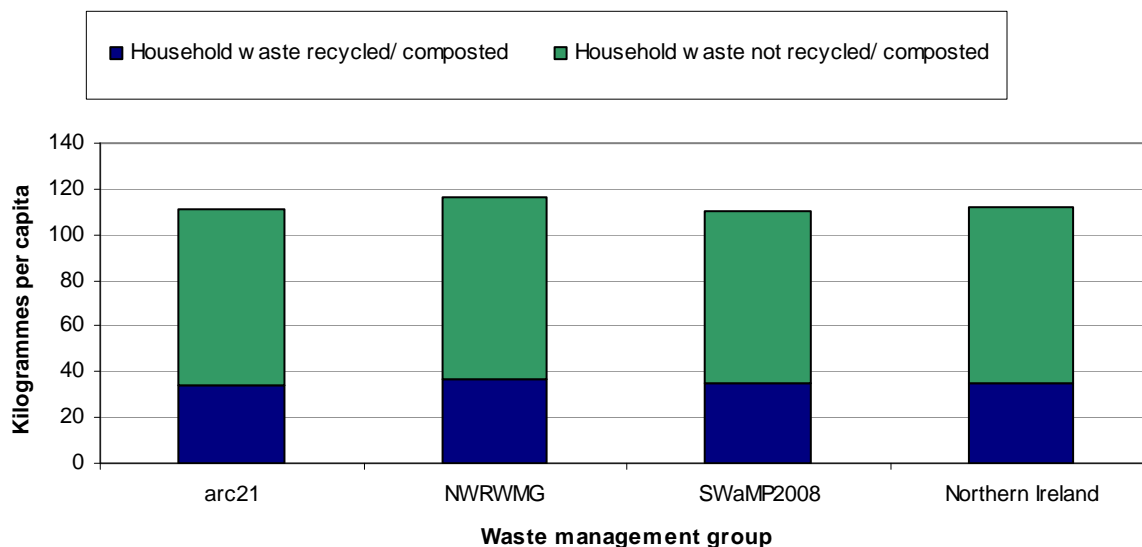


Table 8 Household waste arisings per capita by waste management group, KPI (p)

	Unit: Kilogrammes per capita			
	arc21	NWRWMG	SWaMP2008	Northern Ireland
Household waste recycled/ composted	34	36	35	35
Household waste not recycled/ composted	77	80	75	77
Household waste arisings	112	119	110	113
<i>Source: NIEA</i>				

- On average, there was 113 kilogrammes of household waste arisings collected per head of population in Northern Ireland during the quarter (equivalent to approximately 9kg per person per week).
- Of this, 31% was recycled / composted and 69% was not recycled / composted.
- SWaMP2008 had the lowest household per capita (110kg/ca) and NWRWMG had the highest (119kg/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	52,364	18,679	25,826	96,869
09/10 allocation	251,880	89,283	128,837	470,000
% of annual allocation of BMW to landfill in quarter	21	21	20	21
% of annual allocation of BMW to landfill in year-to-date	83	84	78	82
<i>Source: NIEA</i>				

- Article 5(2) of the EC Landfill Directive (1999/31/EC)² requires member states to reduce the amount of Biodegradable Municipal Waste (BMW) sent to landfill, setting challenging targets. In order to ensure compliance with these targets, the amount of BMW sent to landfill is monitored.
- For 2009/10, the allocation of BMW sent to landfill for Northern Ireland is 470,000 tonnes.
- In total, 96,869 tonnes of BMW were sent to landfill during the quarter. This equates to 21% of the annual allocation. In the year-to-date, 82% 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 waste
Civic amenity site	A manned site for depositing waste
Kerbside	A regular collection of waste from premises
Composting rate	The percentage of waste sent for composting. It excludes waste collected for composting that was rejected at collection or during sorting. It includes residual waste which was diverted for composting.
Dry recycling rate	The percentage of waste sent for recycling. It excludes waste collected for recycling that was rejected at collection, during sorting or at the gate of the recycling reprocessor. It includes residual waste which was diverted for recycling. It excludes waste sent for reuse.
Household waste	Waste collected by the district council from household sources, i.e. domestic properties including residential and nursing homes.
Municipal non household waste	Waste collected by the district council from non household sources.
Municipal waste	Waste under the control or possession of a district council.
Recycled material types	
Glass	Brown, clear, green and mixed glass
Cans	Aluminium, mixed and steel cans
Paper	Books, card, mixed and paper
Electrical goods	Large and small domestic appliances, cathode rays, fluorescent tubes, fridges and freezers and batteries
Green waste	Green and other composting waste
Other waste	All other recycled material collected including plastics, wood, tyres, furniture, construction, oils and other materials.
Waste arisings	The amount of waste collected in a given locality over a period of time.
WasteDataFlow	The web based system for municipal waste data reporting by UK local authorities to government
Waste collected for disposal to landfill	
Regular residual household waste	Household regular collection
Household civic amenity waste	Household civic amenity collection
Other household waste	Healthcare waste, bulky waste, street cleaning and other household
Landfilled non household waste	Asbestos, beach cleansing, civic amenity sites waste, fly-tipped materials, gully emptyings, commercial & industrial, construction and demolition, grounds waste, highways waste, other collected waste and other
Waste sent to landfill	The percentage of waste sent to landfill. It excludes residual waste which was diverted for recycling or composting. It includes household waste collected for recycling or composting which was diverted to landfill.
Key Performance Indicators (KPIs)	A set of measures used to gauge performance in terms of meeting waste strategy targets.

User Information

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

Description of the data

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

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.

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.

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.
- 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

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/epg/waste_recycling/bysector/municipal/?lang=en

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Note: This is a presentation of municipal waste statistics afforded by the quarterly reporting to WasteDataFlow. For 2009/10 the data are provisional and the final figures will be released in December 2010, 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	6,973	1,344	8,317
Ards	9,233	925	10,158
Ballymena	6,958	728	7,686
Belfast	30,339	6,366	36,705
Carrickfergus	4,359	597	4,956
Castlereagh	6,448	331	6,779
Down	7,100	1,091	8,192
Larne	3,702	759	4,461
Lisburn	12,291	1,525	13,816
Newtownabbey	9,506	843	10,349
North Down	8,813	1,885	10,698
All arc21	105,724	16,394	122,118
NWRWMG			
Ballymoney	3,073	356	3,429
Coleraine	7,384	763	8,147
Derry	13,010	1,142	14,151
Limavady	4,052	40	4,092
Magherafelt	5,048	750	5,799
Moyle	1,965	283	2,247
Strabane	4,708	433	5,141
All NWRWMG	39,240	3,766	43,006
SWaMP2008			
Armagh	6,054	789	6,843
Banbridge	6,007	583	6,591
Cookstown	4,143	552	4,694
Craigavon	10,106	1,123	11,229
Dungannon	6,624	515	7,139
Fermanagh	6,939	1,294	8,233
Newry and Mourne	9,828	1,879	11,707
Omagh	5,362	593	5,955
All SWaMP2008	55,063	7,328	62,390
Northern Ireland	200,026	27,488	227,514

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
arc21					
Antrim	4,472	3,485	35	325	8,317
Ards	6,570	3,062	148	378	10,158
Ballymena	5,570	1,682	69	364	7,686
Belfast	28,057	5,907	168	2,573	36,705
Carrickfergus	3,619	1,210	42	86	4,956
Castlereagh	5,190	1,187	51	351	6,779
Down	6,142	1,488	203	359	8,192
Larne	2,841	957	72	591	4,461
Lisburn	9,961	3,234	191	431	13,816
Newtownabbey	7,592	2,237	12	509	10,349
North Down	7,374	2,772	178	374	10,698
All arc21	87,389	27,219	1,168	6,341	122,118
NWRWMG					
Ballymoney	2,576	685	52	116	3,429
Coleraine	4,789	2,695	99	563	8,147
Derry	8,886	4,280	118	867	14,151
Limavady	2,854	1,179	59	0	4,092
Magherafelt	3,758	1,810	25	206	5,799
Moyle	1,620	574	54	0	2,247
Strabane	3,590	1,167	113	271	5,141
All NWRWMG	28,073	12,390	520	2,023	43,006
SWaMP2008					
Armagh	4,457	1,966	71	349	6,843
Banbridge	3,896	2,448	20	227	6,591
Cookstown	2,876	1,494	83	241	4,694
Craigavon	8,112	2,397	194	527	11,229
Dungannon	4,670	2,174	64	230	7,139
Fermanagh	5,286	2,518	127	302	8,233
Newry and Mourne	7,456	3,253	363	634	11,707
Omagh	3,852	1,880	82	141	5,955
All SWaMP2008	40,605	18,130	1,003	2,652	62,390
Northern Ireland	156,067	57,739	2,692	11,016	227,514

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	2,375	1,545	3,919	4,260	8,317
Ards	2,098	1,085	3,183	6,921	10,158
Ballymena	1,544	590	2,134	5,550	7,686
Belfast	5,950	1,438	7,388	29,193	36,705
Carrickfergus	980	306	1,287	3,670	4,956
Castlereagh	1,635	549	2,183	4,495	6,779
Down	1,494	465	1,959	6,186	8,192
Larne	958	401	1,359	3,083	4,461
Lisburn	2,931	1,553	4,484	9,251	13,816
Newtownabbey	2,026	1,244	3,270	6,994	10,349
North Down	2,230	759	2,989	7,175	10,698
All arc21	24,220	9,935	34,155	86,779	122,118
NWRWMG					
Ballymoney	761	114	875	2,512	3,429
Coleraine	1,973	371	2,343	5,403	8,147
Derry	3,746	181	3,926	10,225	14,151
Limavady	1,079	98	1,177	2,692	4,092
Magherafelt	1,701	999	2,700	2,817	5,799
Moyle	581	65	646	1,601	2,247
Strabane	955	103	1,058	4,083	5,141
All NWRWMG	10,795	1,930	12,725	29,333	43,006
SWaMP2008					
Armagh	1,799	318	2,117	4,700	6,843
Banbridge	1,546	1,505	3,051	3,540	6,591
Cookstown	1,023	607	1,630	3,040	4,694
Craigavon	2,268	885	3,153	8,076	11,229
Dungannon	1,638	108	1,746	5,346	7,139
Fermanagh	2,013	451	2,463	5,741	8,233
Newry and Mourne	2,266	679	2,945	8,761	11,707
Omagh	1,379	544	1,923	4,054	5,955
All SWaMP2008	13,931	5,096	19,028	43,257	62,390
Northern Ireland	48,946	16,962	65,908	159,369	227,514

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	28.6	18.6	47.1	51.2
Ards	20.7	10.7	31.3	68.1
Ballymena	20.1	7.7	27.8	72.2
Belfast	16.2	3.9	20.1	79.5
Carrickfergus	19.8	6.2	26.0	74.0
Castlereagh	24.1	8.1	32.2	66.3
Down	18.2	5.7	23.9	75.5
Larne	21.5	9.0	30.5	69.1
Lisburn	21.2	11.2	32.5	67.0
Newtownabbey	19.6	12.0	31.6	67.6
North Down	20.8	7.1	27.9	67.1
All arc21	19.8	8.1	28.0	71.1
NWRWMG				
Ballymoney	22.2	3.3	25.5	73.2
Coleraine	24.2	4.6	28.8	66.3
Derry	26.5	1.3	27.7	72.3
Limavady	26.4	2.4	28.8	65.8
Magherafelt	29.3	17.2	46.6	48.6
Moyle	25.9	2.9	28.7	71.3
Strabane	18.6	2.0	20.6	79.4
All NWRWMG	25.1	4.5	29.6	68.2
SWaMP2008				
Armagh	26.3	4.6	30.9	68.7
Banbridge	23.5	22.8	46.3	53.7
Cookstown	21.8	12.9	34.7	64.7
Craigavon	20.2	7.9	28.1	71.9
Dungannon	22.9	1.5	24.5	74.9
Fermanagh	24.4	5.5	29.9	69.7
Newry and Mourne	19.4	5.8	25.2	74.8
Omagh	23.2	9.1	32.3	68.1
All SWaMP2008	22.3	8.2	30.5	69.3
Northern Ireland	21.5	7.5	29.0	70.0

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	106	22	566	120	1,545	1,538	3,896
Ards	259	39	990	223	1,085	562	3,158
Ballymena	280	37	621	83	590	524	2,136
Belfast	684	124	3,053	533	1,444	1,511	7,349
Carrickfergus	195	24	382	70	306	309	1,287
Castlereagh	301	46	763	106	549	411	2,175
Down	249	31	754	130	465	314	1,943
Larne	127	19	449	85	401	268	1,350
Lisburn	238	54	1,354	257	1,553	1,003	4,459
Newtownabbey	489	64	920	194	1,244	359	3,270
North Down	303	41	1,042	195	789	1,097	3,468
All arc21	3,231	501	10,894	1,997	9,972	7,896	34,491
NWRWMG							
Ballymoney	64	29	362	57	114	193	818
Coleraine	181	52	688	166	371	458	1,916
Derry	301	94	1,191	253	181	705	2,725
Limavady	81	29	470	41	98	177	894
Magherafelt	90	41	542	99	999	477	2,248
Moyle	46	14	160	21	65	60	366
Strabane	136	39	485	47	103	282	1,092
All NWRWMG	898	297	3,898	685	1,930	2,352	10,060
SWaMP2008							
Armagh	307	49	561	94	699	814	2,524
Banbridge	315	38	555	104	1,505	534	3,051
Cookstown	88	21	518	67	607	376	1,677
Craigavon	256	39	1,223	198	885	711	3,312
Dungannon	93	33	762	114	568	709	2,278
Fermanagh	309	58	994	119	451	614	2,544
Newry and Mourne	287	54	1,248	171	679	694	3,133
Omagh	164	31	713	124	544	410	1,987
All SWaMP2008	1,819	324	6,573	991	5,938	4,861	20,506
Northern Ireland	5,948	1,121	21,366	3,673	17,840	15,109	65,057

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	21	515	0	735	46	1,318
Ards	0	38	929	0	862	79	1,908
Ballymena	243	36	551	0	345	90	1,266
Belfast	193	120	2,756	0	970	264	4,303
Carrickfergus	174	23	356	0	251	58	863
Castlereagh	209	44	696	6	438	110	1,504
Down	0	30	719	9	273	64	1,095
Larne	43	18	395	0	277	32	766
Lisburn	0	53	1,278	0	1,285	114	2,730
Newtownabbey	455	63	836	0	889	158	2,401
North Down	0	41	988	0	537	84	1,649
All arc21	1,318	489	10,018	15	6,863	1,099	19,802
NWRWMG							
Ballymoney	0	28	333	0	54	74	489
Coleraine	0	51	600	0	0	132	783
Derry	97	91	1,071	3	0	245	1,506
Limavady	0	29	375	0	0	116	519
Magherafelt	2	39	459	0	561	101	1,163
Moyle	0	14	158	0	0	35	206
Strabane	28	37	433	0	0	96	594
All NWRWMG	127	290	3,429	3	615	798	5,261
SWaMP2008							
Armagh	228	47	360	1	505	82	1,223
Banbridge	177	37	279	1	894	60	1,447
Cookstown	0	21	467	0	93	127	707
Craigavon	0	38	1,128	0	408	274	1,849
Dungannon	0	33	677	0	328	195	1,233
Fermanagh	155	57	967	0	0	299	1,478
Newry and Mourne	0	51	1,116	0	311	310	1,788
Omagh	34	31	555	0	295	184	1,099
All SWaMP2008	594	314	5,549	1	2,835	1,532	10,824
Northern Ireland	2,038	1,093	18,995	20	10,313	3,429	35,888

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	85	1	49	120	809	1,479	2,544
Ards	117	1	61	223	223	477	1,102
Ballymena	0	0	54	83	244	419	801
Belfast	343	4	294	533	436	1,227	2,837
Carrickfergus	5	0	10	70	55	243	382
Castlereagh	51	1	66	99	111	292	620
Down	54	1	35	122	173	242	626
Larne	26	0	47	85	124	230	512
Lisburn	78	0	58	257	269	877	1,539
Newtownabbey	26	0	82	194	354	200	856
North Down	128	0	52	195	253	1,013	1,641
All arc21	912	8	808	1,981	3,051	6,698	13,459
NWRWMG							
Ballymoney	20	0	28	57	60	112	277
Coleraine	96	1	81	166	371	318	1,033
Derry	106	2	111	250	181	452	1,101
Limavady	29	0	95	41	98	54	316
Magherafelt	65	1	83	99	438	374	1,060
Moyle	5	0	0	21	65	15	106
Strabane	27	0	27	47	103	180	385
All NWRWMG	349	4	425	681	1,315	1,505	4,279
SWaMP2008							
Armagh	53	2	159	93	194	539	1,040
Banbridge	139	1	276	103	573	453	1,545
Cookstown	24	0	51	67	514	231	886
Craigavon	71	0	96	198	476	429	1,270
Dungannon	43	0	84	114	240	269	750
Fermanagh	47	1	20	119	451	302	940
Newry and Mourne	0	0	113	171	368	329	982
Omagh	62	0	156	124	249	213	806
All SWaMP2008	439	5	955	990	3,065	2,765	8,219
Northern Ireland	1,700	17	2,188	3,653	7,431	10,969	25,957

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	21	0	1	0	0	13	35
Ards	142	0	0	0	0	6	148
Ballymena	37	1	17	0	0	15	69
Belfast	148	0	0	0	0	20	168
Carrickfergus	16	0	16	0	0	8	42
Castlereagh	41	0	2	0	0	8	51
Down	195	1	0	0	0	7	203
Larne	58	0	6	0	0	7	72
Lisburn	160	0	19	0	0	12	191
Newtownabbey	8	0	2	0	0	2	12
North Down	175	0	2	0	0	1	178
All arc21	1,001	4	65	0	0	99	1,168
NWRWMG							
Ballymoney	44	0	2	0	0	7	52
Coleraine	85	0	7	0	0	7	99
Derry	98	1	10	0	0	9	118
Limavady	52	0	0	0	0	7	59
Magherafelt	23	0	0	0	0	2	25
Moyle	41	0	2	0	0	10	54
Strabane	81	2	25	0	0	6	113
All NWRWMG	423	3	45	0	0	49	520
SWaMP2008							
Armagh	26	0	42	0	0	2	71
Banbridge	0	0	0	0	0	20	20
Cookstown	64	0	0	0	0	18	83
Craigavon	185	1	0	0	0	8	194
Dungannon	50	0	0	0	0	15	64
Fermanagh	107	0	7	0	0	12	127
Newry and Mourne	287	4	18	0	0	54	363
Omagh	67	0	1	0	0	13	82
All SWaMP2008	787	5	69	0	0	143	1,003
Northern Ireland	2,210	12	179	0	0	291	2,692

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	2,651	941	346	3,938	482	4,421
Ards	3,816	1,853	482	6,151	849	7,000
Ballymena	3,746	881	461	5,088	462	5,550
Belfast	18,537	3,070	1,577	23,184	6,172	29,356
Carrickfergus	1,969	828	314	3,111	559	3,670
Castlereagh	3,390	567	465	4,422	182	4,604
Down	4,033	728	416	5,176	1,072	6,248
Larne	1,648	445	312	2,405	706	3,111
Lisburn	5,883	1,695	689	8,267	1,090	9,357
Newtownabbey	4,491	1,257	531	6,279	801	7,079
North Down	4,460	893	485	5,838	1,392	7,230
All arc21	54,624	13,158	6,077	73,860	13,768	87,627
NWRWMG						
Ballymoney	1,771	408	150	2,329	282	2,611
Coleraine	3,490	1,662	340	5,493	738	6,231
Derry	6,303	3,180	802	10,285	1,142	11,426
Limavady	2,335	863	0	3,197	0	3,197
Magherafelt	2,158	637	234	3,028	522	3,550
Moyle	1,088	468	42	1,598	283	1,881
Strabane	2,635	703	278	3,616	433	4,049
All NWRWMG	19,779	7,921	1,847	29,547	3,399	32,946
SWaMP2008						
Armagh	2,800	850	159	3,809	509	4,319
Banbridge	2,174	902	268	3,344	196	3,540
Cookstown	1,893	535	210	2,638	380	3,017
Craigavon	5,390	845	559	6,794	1,123	7,917
Dungannon	2,963	1,383	0	4,346	515	4,861
Fermanagh	3,130	1,578	290	4,998	691	5,689
Newry and Mourne	4,400	1,794	503	6,698	1,876	8,573
Omagh	2,444	856	149	3,449	520	3,968
All SWaMP2008	25,195	8,743	2,137	36,075	5,809	41,884
Northern Ireland	99,598	29,822	10,061	139,482	22,976	162,457

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	1,511	1,545	3,055	3,795	6,973
Ards	2,019	1,085	3,104	6,082	9,233
Ballymena	1,278	590	1,868	5,088	6,958
Belfast	5,784	1,400	7,184	23,056	30,339
Carrickfergus	942	306	1,249	3,111	4,359
Castlereagh	1,485	549	2,034	4,318	6,448
Down	1,491	446	1,937	5,125	7,100
Larne	903	401	1,304	2,383	3,702
Lisburn	2,491	1,553	4,045	8,174	12,291
Newtownabbey	1,984	1,243	3,228	6,203	9,506
North Down	2,205	759	2,964	5,799	8,813
All arc21	22,094	9,877	31,972	73,134	105,724
NWRWMG					
Ballymoney	678	114	792	2,243	3,073
Coleraine	1,902	371	2,272	4,780	7,384
Derry	3,617	181	3,798	9,211	13,010
Limavady	1,040	98	1,138	2,691	4,052
Magherafelt	1,401	999	2,400	2,408	5,048
Moyle	537	65	602	1,362	1,965
Strabane	955	103	1,058	3,650	4,708
All NWRWMG	10,131	1,930	12,061	26,347	39,240
SWaMP2008					
Armagh	1,520	318	1,837	4,190	6,054
Banbridge	1,196	1,467	2,663	3,344	6,007
Cookstown	852	607	1,459	2,659	4,143
Craigavon	2,268	885	3,153	6,953	10,106
Dungannon	1,638	108	1,746	4,831	6,624
Fermanagh	1,425	451	1,875	5,035	6,939
Newry and Mourne	2,263	679	2,942	6,885	9,828
Omagh	1,305	544	1,849	3,527	5,362
All SWaMP2008	12,467	5,058	17,526	37,424	55,063
Northern Ireland	44,692	16,865	61,558	136,905	200,026

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	21.7	22.1	43.8	54.4
Ards	21.9	11.8	33.6	65.9
Ballymena	18.4	8.5	26.8	73.1
Belfast	19.1	4.6	23.7	76.0
Carrickfergus	21.6	7.0	28.6	71.4
Castlereagh	23.0	8.5	31.5	67.0
Down	21.0	6.3	27.3	72.2
Larne	24.4	10.8	35.2	64.4
Lisburn	20.3	12.6	32.9	66.5
Newtownabbey	20.9	13.1	34.0	65.3
North Down	25.0	8.6	33.6	65.8
All arc21	20.9	9.3	30.2	69.2
NWRWMG				
Ballymoney	22.1	3.7	25.8	73.0
Coleraine	25.8	5.0	30.8	64.7
Derry	27.8	1.4	29.2	70.8
Limavady	25.7	2.4	28.1	66.4
Magherafelt	27.8	19.8	47.5	47.7
Moyle	27.3	3.3	30.7	69.3
Strabane	20.3	2.2	22.5	77.5
All NWRWMG	25.8	4.9	30.7	67.1
SWaMP2008				
Armagh	25.1	5.3	30.4	69.2
Banbridge	19.9	24.4	44.3	55.7
Cookstown	20.6	14.7	35.2	64.2
Craigavon	22.4	8.8	31.2	68.8
Dungannon	24.7	1.6	26.4	72.9
Fermanagh	20.5	6.5	27.0	72.6
Newry and Mourne	23.0	6.9	29.9	70.1
Omagh	24.3	10.1	34.5	65.8
All SWaMP2008	22.6	9.2	31.8	68.0
Northern Ireland	22.3	8.4	30.8	68.4

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	57	71	131
Ards	40	78	119
Ballymena	30	81	111
Belfast	27	86	113
Carrickfergus	31	78	109
Castlereagh	31	65	97
Down	28	73	102
Larne	42	76	118
Lisburn	35	71	107
Newtownabbey	39	75	115
North Down	38	74	112
All arc21	34	77	112
NWRWMG			
Ballymoney	26	75	102
Coleraine	40	84	130
Derry	35	84	119
Limavady	33	79	119
Magherafelt	55	55	115
Moyle	36	81	116
Strabane	27	92	119
All NWRWMG	36	80	119
SWaMP2008			
Armagh	32	72	104
Banbridge	57	71	128
Cookstown	41	74	115
Craigavon	35	77	111
Dungannon	32	87	120
Fermanagh	30	81	112
Newry and Mourne	30	71	101
Omagh	35	68	103
All SWaMP2008	35	75	110
Northern Ireland	35	77	113

Source: NIEA

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

Unit: Kilogrammes per household

Area	Household waste recycled/ composted	Household waste not recycled/ composted	Household waste arisings
arc21			
Antrim	149	185	340
Ards	93	182	277
Ballymena	75	203	278
Belfast	57	184	242
Carrickfergus	77	192	269
Castlereagh	71	151	226
Down	71	187	259
Larne	93	169	263
Lisburn	86	174	261
Newtownabbey	92	178	272
North Down	86	169	257
All arc21	79	180	260
NWRWMG			
Ballymoney	66	188	257
Coleraine	85	178	275
Derry	96	233	329
Limavady	91	214	323
Magherafelt	154	154	323
Moyle	79	179	258
Strabane	70	240	310
All NWRWMG	93	204	303
SWaMP2008			
Armagh	83	190	274
Banbridge	140	176	316
Cookstown	109	198	309
Craigavon	84	185	268
Dungannon	84	233	320
Fermanagh	72	193	266
Newry and Mourne	87	203	290
Omagh	93	178	271
All SWaMP2008	91	194	286
Northern Ireland	84	188	274

Source: NIEA

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

Area	09/10 allocation in tonnes	Tonnes of BMW to landfill for Jan-Mar 2010	Total BMW to landfill Apr 09-Mar 10	% of 09/10 allocation used Apr-Mar
arc21				
Antrim	13,605	2,205	9,073	66.7
Ards	20,798	4,047	15,351	73.8
Ballymena	16,384	3,392	12,874	78.6
Belfast	72,218	18,029	73,594	101.9
Carrickfergus	10,705	2,309	9,153	85.5
Castlereagh	17,987	2,767	10,781	59.9
Down	18,368	3,823	15,391	83.8
Larne	8,446	1,826	7,439	88.1
Lisburn	30,233	5,315	21,236	70.2
Newtownabbey	22,057	4,332	17,832	80.8
North Down	21,081	4,319	15,756	74.7
All arc21	251,880	52,364	208,480	82.8
NWRWMG				
Ballymoney	7,960	1,630	5,828	73.2
Coleraine	15,395	3,459	16,423	106.7
Derry	29,568	6,723	26,543	89.8
Limavady	9,521	1,696	6,646	69.8
Magherafelt	11,545	1,562	6,300	54.6
Moyle	4,569	1,038	3,906	85.5
Strabane	10,725	2,572	9,451	88.1
All NWRWMG	89,283	18,679	75,096	84.1
SWaMP2008				
Armagh	15,420	2,869	10,843	70.3
Banbridge	12,324	1,915	6,684	54.2
Cookstown	9,356	1,802	6,815	72.8
Craigavon	22,928	4,795	18,884	82.4
Dungannon	13,580	3,136	12,532	92.3
Fermanagh	16,229	3,549	14,817	91.3
Newry and Mourne	25,240	5,300	21,434	84.9
Omagh	13,760	2,460	9,084	66.0
All SWaMP2008	128,837	25,826	101,093	78.5
Northern Ireland	470,000	96,869	384,669	81.8

Source: NIEA

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