

# Environmental services

## Refuse collection

1. **The gross cost of refuse:**
  - a) **collection (combined domestic commercial and domestic bulky uplift) per premise**
  - b) **disposal per premise.**

### *What the indicator reports*

This indicator shows how much it costs each council to collect and dispose of refuse.

The indicator reports the cost of collecting refuse from dwellings and commercial premises (eg shops), including the cost of special collections of bulky items of refuse (eg furniture, carpets and kitchen equipment). It includes both the direct costs (eg depots, vehicles and wages) and the indirect costs (eg the service office accommodation).

Refuse disposal includes any treatment of waste collected by the council and destined for final disposal in landfill. It includes sorting, compacting, baling, shredding, composting, recycling and incineration. The operation of transfer-loading stations and the provision of civic amenity sites or skips should be regarded as disposal.

### *Points to bear in mind*

The cost of refuse collection will be affected by:

- the method of collection, since this influences the time taken to collect refuse from individual premises
- the frequency of uplift
- the volume of refuse to be collected
- the area over which the population is spread
- difficulties caused by traffic congestion and access problems in urban areas

Most of Scotland's councils use the wheeled bin method of collection, which tends to reduce collection costs, particularly in areas where householders take the bins to the kerbside, thus reducing collection time for councils. The alternative methods are the uplift of static bins or sacks from either the back door of dwellings or from the kerbside.

The great majority of councils collect domestic refuse once a week, though a small number operate a twice-weekly uplift – mainly for tenement and high rise flats. Some councils undertake separate collections of garden refuse and waste paper. Generally, uplifts from commercial premises are carried out two or three times a week.

No charge is made for the normal domestic refuse collection service, although some councils now charge for special uplifts of bulky domestic refuse.

Some councils have access to existing landfill sites which although unable to meet the standards prescribed by European legislation, have sufficient remaining capacity to provide lower disposal costs. There is every possibility that in the future, when new, more expensive sites are required, costs will rise.

### Special Uplifts



2. **The target time set by each council for uplifting bulky domestic refuse, the percentage of uplifts completed within the target time, and the percentage completed within 5 working days.**

#### *What the indicator reports*

A 'special uplift' service is a service for the collection of bulky household refuse which would not normally be removed as part of the routine collection service. The indicator sets out the standard of service determined by each council for uplifting bulky household refuse, and shows the level of success in achieving both the council's local target and the proportion completed within 5 days.

#### *Points to bear in mind*

Each council sets its own target response time expressed as the number of working days between a request being received by the council and the uplift being completed. The proportion completed within 5 working days allows comparison across all councils.

In accordance with the developed criteria (see Section 1 page 5) the part of this indicator dealing with follow-up actions is TRANSITIONAL.

### Missed Collections

3. **The number of household waste collections which were missed, per 100,000 collection, during the periods:**
- a) **May to September**
  - b) **April and October to March**

#### *What the indicator reports*

This indicator shows the number of missed collections for household waste. These include any collection reported as missed by a resident where the council had not informed the resident in writing of a change in arrangements. Missed collections because of, for example, weather conditions or industrial action.

#### *Points to bear in mind*

Adverse weather conditions may well be a greater problem to some councils during the winter months.

Some councils rely on contractors to provide this information, and it is their responsibility, as the client, to ensure that all missed collections are recorded by the contractor.

### Waste disposal

4. The amount of household waste per household collected by the authority that was disposed of by the following methods:

Method	Tonnes per household	%	Tonnes per Commercial and industrial premise	
Used for recovery of heat, power and other energy sources				
Composted by the authority				
Other recycling or recovery methods				
Landfill				
Other disposal methods				
<b>Total</b>		<b>100%</b>		<b>100%</b>
<b>Total tonnage collected</b>				

#### *What the indicator reports*

This indicator shows the methods adopted by councils for disposing of household, commercial and industrial waste, and the percentage of waste per household, and commercial and industrial premise disposed of by different methods.

The indicator also shows each council's estimate of its achievement in recycling waste. Councils obtain waste material for recycling in three ways - through collections at recycling centres (eg bottle banks, paper banks), by separate house-to-house collection of recyclable materials, or by separating waste after collection.

The government has set councils the target of recycling 25% of household waste by the year 2000. A European Commission (EC) directive has set new targets for the amount of biodegradable waste that goes to landfill sites and the first of these targets is that by 2006 the amount of waste going to landfill must be reduced to three quarters of the 1995 level.

#### *Points to bear in mind*

As a consequence of the EC directive, councils will require to find alternative methods of disposing of refuse, and recycling will become an even higher priority.

The key factors under the control of a council for recycling are its expenditure on promotional campaigns and collection, and its investment in a recycling plant.

The major external factors that have a significant impact upon recycling levels are:

- the level of public awareness of the value of recycling
- the willingness of the public to participate in recycling household waste
- fluctuations in market demand for recycled materials.



## Environmental services

Environmental Services	Indicator 1				
	Gross cost of refuse collection per premise			Gross cost of refuse disposal per premise	
	1999/2000	2000/2001	2001/2002	2000/2001	2001/2002
Aberdeen City	£42.41	£41.30	<b>£41.98</b>	£41.37	<b>£50.87</b>
Aberdeenshire	£34.58	£31.16	<b>£33.63</b>	£64.46	<b>£65.56</b>
Aberdeenshire - Central					
Aberdeenshire - North					
Angus	£35.97	£36.19	<b>£44.46</b>	£37.16	<b>£50.58</b>
Argyll & Bute	£53.61	£56.32	<b>£66.58</b>	£61.09	<b>£119.99</b>
Clackmannanshire	£60.44	£55.37	<b>£52.11</b>	£52.81	<b>£42.52</b>
Dumfries & Galloway	£43.21	£49.88	<b>£45.12</b>	£28.17	<b>£50.80</b>
Dundee City	£53.22	£46.98	<b>£47.65</b>	£60.31	<b>£68.34</b>
East Ayrshire	£52.38	£51.73	<b>£49.16</b>	£50.03	<b>£51.07</b>
East Dunbartonshire	£42.90	£45.46	<b>£46.20</b>	£44.45	<b>£47.27</b>
East Lothian	£42.95	£47.70	<b>£43.94</b>	£44.95	<b>£46.30</b>
East Renfrewshire	£41.88	£40.54	<b>£42.23</b>	£42.28	<b>£45.94</b>
Edinburgh, City of	£48.29	£49.04	<b>£54.41</b>	£38.38	<b>£43.91</b>
Eilean Siar	£72.17	£71.94	<b>£86.57</b>	£65.18	<b>£84.58</b>
Falkirk	£34.15	£35.29	<b>£37.60</b>	£46.13	<b>£49.87</b>
Fife	£42.73	£36.82	<b>£38.03</b>	£45.33	<b>£50.75</b>
Glasgow City	£48.22	£49.42	<b>£49.95</b>	£52.33	<b>£52.29</b>
Highland	£46.02	£49.21	<b>£51.55</b>	£45.24	<b>£43.15</b>
Highland - Badenoch & Strathspey					
Highland - Caithness					
Highland - Inverness					
Highland - Lochaber					
Highland - Nairn					
Highland - Ross & Cromarty					
Highland - Skye & Lochalsh					
Inverclyde	£43.62	£44.65	<b>£43.55</b>	£36.23	<b>£36.26</b>
Midlothian	£37.69	£39.57	<b>£40.93</b>	£35.31	<b>£37.23</b>
Moray	£39.66	£46.94	<b>£35.26</b>	£58.41	<b>£48.74</b>
North Ayrshire	£43.64	£45.28	<b>£46.19</b>	£31.03	<b>£36.22</b>
North Lanarkshire	£47.37	£46.80	<b>£49.11</b>	£31.36	<b>£41.06</b>
Orkney Islands	£65.13	£67.30	<b>£67.65</b>	£101.87	<b>£98.77</b>
Perth & Kinross	£49.43	£51.81	<b>£53.58</b>	£65.16	<b>£72.57</b>
Renfrewshire	£47.41	£46.54	<b>£45.93</b>	£37.19	<b>£44.66</b>
Scottish Borders	£37.00	£38.70	<b>£38.56</b>	£32.72	<b>£33.88</b>
Shetland Islands	£48.38	£39.49	<b>£59.75</b>	£76.53	<b>£63.90</b>
South Ayrshire	£37.11	£39.85	<b>£45.00</b>	£39.88	<b>£42.42</b>
South Lanarkshire	£43.42	£46.19	<b>£39.79</b>	£36.50	<b>£37.68</b>
Stirling	£61.47	£62.56	<b>£62.52</b>	£42.20	<b>£47.00</b>
West Dunbartonshire	£45.27	£41.47	<b>£41.58</b>	£31.45	<b>£40.73</b>
West Lothian	£41.68	£46.43	<b>£48.57</b>	£41.32	<b>£43.20</b>
<b>Scotland</b>	<b>£45.23</b>	<b>£45.63</b>	<b>£46.94</b>	<b>£44.63</b>	<b>£49.53</b>

## Environmental services

Environmental Services	Indicator 2					
	Local target response time for special uplift of bulky domestic refuse			Percentage of special uplifts of bulky domestic refuse completed within local target time		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City	5 days	5 days	<b>5 days</b>	87.3%	89.1%	<b>90.9%</b>
Aberdeenshire		5 days	<b>5 days</b>		94.6%	<b>93.7%</b>
Aberdeenshire - Central	5 days			96.1%		
Aberdeenshire - North	3 days			98.6%		
Angus	5 days	5 days	<b>5 days</b>	94.9%	94.2%	<b>93.4%</b>
Argyll & Bute	5 days	5 days	<b>5 days</b>	81.4%	80.3%	<b>75.5%</b>
Clackmannanshire	2 days	2 days	<b>2 days</b>	82.9%	74.7%	<b>82.3%</b>
Dumfries & Galloway	5 days	5 days	<b>5 days</b>	99.1%	98.9%	<b>95.3%</b>
Dundee City	3 days	3 days	<b>3 days</b>	97.7%	97.5%	<b>98.7%</b>
East Ayrshire	7 days	7 days	<b>7 days</b>	98.3%	98.9%	<b>98.6%</b>
East Dunbartonshire	7 days	7 days	<b>7 days</b>	54.7%	64.1%	<b>90.7%</b>
East Lothian	5 days	5 days	<b>5 days</b>	65.2%	47.2%	<b>64.0%</b>
East Renfrewshire	5 days	5 days	<b>5 days</b>	92.8%	93.4%	<b>83.0%</b>
Edinburgh, City of	10 days	10 days	<b>10 days</b>	93.8%	44.7%	<b>52.5%</b>
Eilean Siar	14 days	14 days	<b>14 days</b>	97.7%	98.4%	<b>98.2%</b>
Falkirk	5 days	5 days	<b>5 days</b>	95.2%	99.0%	<b>72.4%</b>
Fife	7 days	7 days	<b>7 days</b>	80.8%	90.6%	<b>94.2%</b>
Glasgow City	5 days	5 days	<b>5 days</b>	95.7%	92.6%	<b>82.2%</b>
Highland			<b>7 days</b>			<b>98.6%</b>
Highland - Badenoch & Strathspey	5 days	5 days		93.5%	94.7%	
Highland - Caithness	7 days	7 days		96.0%	97.8%	
Highland - Inverness	5 days	5 days		100.0%	100.0%	
Highland - Lochaber	7 days	7 days		98.1%	100.0%	
Highland - Nairn	5 days	7 days		73.6%	74.9%	
Highland - Ross & Cromarty	5 days	5 days		98.3%	98.9%	
Highland - Skye & Lochalsh	7 days	7 days		97.0%	97.0%	
Inverclyde	5 days	5 days	<b>5 days</b>	95.0%	93.6%	<b>95.9%</b>
Midlothian	7 days	7 days	<b>7 days</b>	77.0%	55.2%	<b>59.7%</b>
Moray	10 days	10 days	<b>10 days</b>	98.4%	98.0%	<b>93.0%</b>
North Ayrshire	5 days	5 days	<b>5 days</b>	97.8%	97.7%	<b>98.6%</b>
North Lanarkshire	5 days	5 days	<b>5 days</b>	92.9%	80.5%	<b>89.2%</b>
Orkney Islands	10 days	10 days	<b>10 days</b>	92.3%	90.6%	<b>86.2%</b>
Perth & Kinross	5 days	5 days	<b>5 days</b>	97.3%	98.5%	<b>97.5%</b>
Renfrewshire	3 days	4 days	<b>4 days</b>	99.0%	95.5%	<b>96.6%</b>
Scottish Borders	5 days	5 days	<b>5 days</b>	96.2%	94.4%	<b>92.9%</b>
Shetland Islands	--No Service--	--No Service--	<b>--No Service--</b>	--No Service--	--No Service--	<b>--No Service--</b>
South Ayrshire	5 days	5 days	<b>5 days</b>	85.9%	82.3%	<b>82.0%</b>
South Lanarkshire	5 days	5 days	<b>5 days</b>	74.1%	87.5%	<b>94.2%</b>
Stirling	5 days	5 days	<b>5 days</b>	73.9%	75.2%	<b>85.9%</b>
West Dunbartonshire	5 days	7 days	<b>7 days</b>	81.5%	80.7%	<b>86.2%</b>
West Lothian	5 days	5 days	<b>5 days</b>	94.4%	92.8%	<b>97.4%</b>
<b>Scotland</b>				<b>88.4%</b>	<b>85.1%</b>	<b>87.0%</b>

## Environmental services

Environmental Services	Indicator 2					
	Percentage of special uplifts of bulky domestic refuse completed within 5 working days			Number of special uplifts of bulky domestic refuse		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City	87.3%	89.1%	<b>90.9%</b>	17,433	17,380	<b>18,230</b>
Aberdeenshire		94.6%	<b>93.7%</b>		1,023	<b>1,839</b>
Aberdeenshire - Central	96.1%			4,912		
Aberdeenshire - North	100.0%			6,513		
Angus	94.9%	94.2%	<b>93.4%</b>	7,697	7,676	<b>3,106</b>
Argyll & Bute	81.4%	80.3%	<b>75.5%</b>	2,141	1,869	<b>2,185</b>
Clackmannanshire	93.9%	90.4%	<b>95.1%</b>	7,971	8,763	<b>7,967</b>
Dumfries & Galloway	99.1%	98.9%	<b>95.3%</b>	3,228	3,403	<b>4,784</b>
Dundee City	99.0%	99.0%	<b>99.4%</b>	10,870	11,770	<b>15,249</b>
East Ayrshire	97.5%	98.4%	<b>98.1%</b>	59,288	61,298	<b>67,512</b>
East Dunbartonshire	16.4%	29.2%	<b>53.1%</b>	31,471	30,419	<b>32,783</b>
East Lothian	65.2%	47.2%	<b>64.0%</b>	32,057	28,549	<b>27,146</b>
East Renfrewshire	92.8%	93.4%	<b>83.0%</b>	7,214	7,499	<b>9,261</b>
Edinburgh, City of	26.4%	5.7%	<b>22.4%</b>	30,624	58,013	<b>67,685</b>
Eilean Siar	85.1%	82.4%	<b>82.7%</b>	1,777	1,917	<b>2,517</b>
Falkirk	95.2%	99.0%	<b>72.4%</b>	48,554	44,212	<b>44,789</b>
Fife	60.0%	64.4%	<b>66.3%</b>	84,296	91,710	<b>103,192</b>
Glasgow City	95.7%	92.6%	<b>82.2%</b>	87,463	82,256	<b>75,376</b>
Highland			<b>96.7%</b>			<b>58,280</b>
Highland - Badenoch & Strathspey	93.5%	94.7%		736	810	
Highland - Caithness	94.0%	92.5%		8,103	9,046	
Highland - Inverness	100.0%	100.0%		13,261	16,985	
Highland - Lochaber	79.4%	89.3%		5,485	5,425	
Highland - Nairn	73.6%	74.9%		3,725	3,976	
Highland - Ross & Cromarty	98.3%	98.9%		11,031	12,073	
Highland - Skye & Lochalsh	92.0%	92.1%		1,201	1,451	
Inverclyde	95.0%	93.6%	<b>95.9%</b>	10,319	11,809	<b>12,572</b>
Midlothian	50.5%	32.1%	<b>37.5%</b>	15,773	15,090	<b>17,309</b>
Moray	70.2%	72.6%	<b>63.4%</b>	10,006	11,471	<b>12,920</b>
North Ayrshire	97.8%	97.7%	<b>98.6%</b>	44,095	45,524	<b>47,891</b>
North Lanarkshire	92.9%	80.5%	<b>89.2%</b>	127,354	120,047	<b>125,023</b>
Orkney Islands	71.9%	65.6%	<b>48.4%</b>	1,357	1,376	<b>1,315</b>
Perth & Kinross	97.3%	98.5%	<b>97.5%</b>	3,873	2,600	<b>2,291</b>
Renfrewshire	100.0%	96.3%	<b>97.2%</b>	21,619	22,980	<b>24,645</b>
Scottish Borders	96.2%	94.4%	<b>92.9%</b>	5,679	6,016	<b>6,855</b>
Shetland Islands	--No Service--	--No Service--	<b>--No Service--</b>	--No Service--	--No Service--	<b>--No Service--</b>
South Ayrshire	85.9%	82.3%	<b>82.0%</b>	25,361	25,787	<b>27,272</b>
South Lanarkshire	74.1%	87.5%	<b>94.2%</b>	80,857	84,464	<b>92,227</b>
Stirling	73.9%	75.2%	<b>85.9%</b>	5,753	4,547	<b>4,902</b>
West Dunbartonshire	81.5%	58.8%	<b>72.4%</b>	31,215	30,151	<b>33,415</b>
West Lothian	94.4%	92.8%	<b>97.4%</b>	53,838	58,360	<b>9,470</b>
<b>Scotland</b>	<b>82.1%</b>	<b>77.7%</b>	<b>79.2%</b>	<b>924,150</b>	<b>947,745</b>	<b>955,224</b>

## Environmental services

Environmental Services	Indicator 3					
	Number of household waste collections which were missed, per 100,000 collections, from May to September			Number of household waste collections which were missed, per 100,000 collections, for April and October to March		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City	32	78	85	25	79	66
Aberdeenshire	1	3	3	1	6	8
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	12	13	16	15	17	15
Argyll & Bute	39	30	19	37	18	17
Clackmannanshire	81	2,006	82	87	207	78
Dumfries & Galloway	15	316	236	30	92	182
Dundee City	37	26	22	31	14	26
East Ayrshire	21	15	5	18	10	10
East Dunbartonshire	129	68	81	129	75	53
East Lothian	1	2	7	3	13,276	11
East Renfrewshire	97	66	124	79	54	82
Edinburgh, City of	60	54	56	63	55	44
Eilean Siar	246	2	0	107	623	326
Falkirk	33	31	57	38	41	51
Fife	372	66	102	140	1,289	323
Glasgow City	9	3	--Not Reported--	3	1,235	--Not Reported--
Highland	82	13	13	49	483	44
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	54	43	41	157	63	49
Midlothian	13	1,852	24	22	25,356	28
Moray	1	2	0	0	20	3
North Ayrshire	35	20	13	33	17	15
North Lanarkshire	20	82	78	33	80	74
Orkney Islands	9	16	6	3	15	7
Perth & Kinross	46	893	29	34	758	30
Renfrewshire	19	27	22	17	18	20
Scottish Borders	2	1	4	1	3,121	6
Shetland Islands	8	7	5	10	9	5
South Ayrshire	43	31	33	41	55	33
South Lanarkshire	33	20	25	35	43	19
Stirling	54	129	94	69	108	163
West Dunbartonshire	41	47	31	39	25	27
West Lothian	52	38	26	44	37	28
<b>Scotland</b>	<b>57</b>	<b>104</b>	<b>46</b>	<b>41</b>	<b>946</b>	<b>64</b>



## Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per household that was used for recovery of heat, power and other energy sources			Percentage of household waste collected that was used for recovery of heat, power and other energy sources		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City						
Aberdeenshire						
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	0.130	0.205	<b>0.298</b>	13.5%	23.4%	<b>31.3%</b>
Argyll & Bute						
Clackmannanshire						
Dumfries & Galloway						
Dundee City	0.350	0.245	<b>0.354</b>	37.6%	30.0%	<b>41.4%</b>
East Ayrshire						
East Dunbartonshire						
East Lothian						
East Renfrewshire						
Edinburgh, City of						
Eilean Siar						
Falkirk						
Fife						
Glasgow City						
Highland						
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde						
Midlothian						
Moray						
North Ayrshire						
North Lanarkshire						
Orkney Islands	0.741	0.746	<b>0.654</b>	79.4%	71.5%	<b>77.5%</b>
Perth & Kinross	0.004	0.009	<b>0.013</b>	0.5%	0.7%	<b>1.0%</b>
Renfrewshire						
Scottish Borders						
Shetland Islands	0.160	0.581	<b>0.738</b>	15.2%	60.0%	<b>70.5%</b>
South Ayrshire						
South Lanarkshire						
Stirling						
West Dunbartonshire						
West Lothian						
<b>Scotland</b>						

## Environmental services

Environmental Services	Indicator 4				
	Number of tonnes per household that was incinerated and the ash recycled	Percentage of household waste incinerated and the ash recycled	Number of tonnes per household that was composted by the authority		
	2001/2002	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City					
Aberdeenshire				0.110	<b>0.141</b>
Aberdeenshire - Central					
Aberdeenshire - North					
Angus	<b>0.053</b>	<b>5.6%</b>	0.070	0.059	<b>0.048</b>
Argyll & Bute					
Clackmannanshire					
Dumfries & Galloway					
Dundee City	<b>0.099</b>	<b>11.6%</b>	0.040	0.008	<b>0.042</b>
East Ayrshire					
East Dunbartonshire					<b>0.009</b>
East Lothian					<b>0.020</b>
East Renfrewshire					<b>0.012</b>
Edinburgh, City of					<b>0.003</b>
Eilean Siar					
Falkirk			0.030	0.031	<b>0.027</b>
Fife					<b>0.003</b>
Glasgow City				0.003	<b>0.010</b>
Highland					<b>0.001</b>
Highland - Badenoch & Strathspey					
Highland - Caithness					
Highland - Inverness					
Highland - Lochaber					
Highland - Nairn					
Highland - Ross & Cromarty					
Highland - Skye & Lochalsh					
Inverclyde					
Midlothian					
Moray				0.008	<b>0.020</b>
North Ayrshire				0.055	<b>0.046</b>
North Lanarkshire					
Orkney Islands			0.086	0.073	<b>0.076</b>
Perth & Kinross			0.090	0.133	<b>0.157</b>
Renfrewshire			0.010	0.010	<b>0.022</b>
Scottish Borders				0.017	<b>0.018</b>
Shetland Islands					
South Ayrshire			0.020		
South Lanarkshire			0.035	0.033	<b>0.056</b>
Stirling			0.005	0.018	<b>0.026</b>
West Dunbartonshire					<b>0.005</b>
West Lothian				0.003	<b>0.021</b>
<b>Scotland</b>					

## Environmental services

Environmental Services	Indicator 4					
	Percentage of household waste collected that was composted by the authority			Number of tonnes per household that was disposed of by other recycling or recovery methods		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City				0.050	0.036	0.051
Aberdeenshire		9.9%	13.1%	0.059	0.072	0.084
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	7.3%	6.7%	5.0%	0.060	0.070	0.076
Argyll & Bute				0.120	0.114	0.098
Clackmannanshire				0.050	0.057	0.063
Dumfries & Galloway				0.030	0.043	0.041
Dundee City	4.3%	1.0%	4.9%	0.040	0.052	0.068
East Ayrshire				0.020	0.022	0.024
East Dunbartonshire			0.6%	0.090	0.080	0.103
East Lothian			1.6%	0.060	0.076	0.061
East Renfrewshire			0.9%	0.103	0.103	0.169
Edinburgh, City of			0.3%	0.047	0.051	0.046
Eilean Siar				0.037		0.012
Falkirk	2.7%	2.8%	2.4%	0.050	0.052	0.055
Fife			0.2%	0.017	0.023	0.021
Glasgow City		0.4%	1.3%	0.020	0.024	0.026
Highland			0.1%	0.022	0.021	0.017
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde				0.030	0.028	0.037
Midlothian				0.030	0.046	0.061
Moray		0.6%	1.8%	0.037	0.035	0.038
North Ayrshire		5.1%	3.9%	0.030	0.031	0.033
North Lanarkshire				0.020	0.013	0.060
Orkney Islands	9.2%	7.0%	9.0%	0.106	0.094	0.098
Perth & Kinross	9.9%	10.8%	12.4%	0.052	0.088	0.077
Renfrewshire	0.9%	1.0%	2.1%	0.030	0.030	0.036
Scottish Borders		2.2%	2.3%	0.100	0.102	0.128
Shetland Islands				0.130	0.106	0.108
South Ayrshire	1.8%			0.040	0.066	0.065
South Lanarkshire	3.5%	3.3%	5.7%	0.033	0.033	0.063
Stirling	0.4%	1.5%	2.3%	0.086	0.079	0.091
West Dunbartonshire			0.7%	0.050	0.064	0.069
West Lothian		0.3%	1.7%	0.040	0.035	0.052
<b>Scotland</b>				<b>0.042</b>	<b>0.045</b>	<b>0.054</b>

## Environmental services

Environmental Services	Indicator 4					
	Percentage of household waste collected that was disposed of by other recycling or recovery methods			Number of tonnes per household that was used for landfill		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City	4.3%	3.6%	5.8%	1.120	0.955	0.833
Aberdeenshire	5.6%	6.5%	7.8%	0.995	0.926	0.848
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	6.2%	8.0%	8.0%	0.680	0.541	0.477
Argyll & Bute	10.8%	11.4%	8.9%	0.930	0.882	1.000
Clackmannanshire	4.0%	4.5%	4.6%	1.200	1.219	1.306
Dumfries & Galloway	3.2%	4.0%	3.9%	0.910	1.026	1.001
Dundee City	4.3%	6.4%	7.9%	0.500	0.513	0.293
East Ayrshire	2.1%	2.3%	2.5%	0.930	0.928	0.926
East Dunbartonshire	7.4%	6.0%	7.2%	1.130	1.256	1.320
East Lothian	4.7%	6.2%	4.9%	1.210	1.158	1.169
East Renfrewshire	7.8%	8.1%	12.2%	1.220	1.161	1.209
Edinburgh, City of	4.9%	5.5%	5.0%	0.910	0.878	0.878
Eilean Siar	3.7%		1.0%	0.962	1.051	1.176
Falkirk	4.4%	4.7%	4.9%	1.050	1.020	1.036
Fife	1.6%	2.1%	1.7%	1.040	1.049	1.231
Glasgow City	2.5%	3.0%	3.3%	0.780	0.771	0.749
Highland	2.2%	2.0%	1.9%	0.953	1.022	0.880
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	3.9%	3.8%	4.8%	0.730	0.704	0.733
Midlothian	2.2%	3.4%	4.1%	1.350	1.325	1.438
Moray	2.7%	2.8%	3.4%	1.320	1.192	1.051
North Ayrshire	3.6%	2.9%	2.8%	0.810	0.992	1.112
North Lanarkshire	1.8%	1.3%	5.7%	1.070	0.975	0.995
Orkney Islands	11.4%	9.0%	11.6%	0.000	0.130	0.016
Perth & Kinross	5.7%	7.1%	6.1%	0.764	1.005	1.016
Renfrewshire	2.8%	3.1%	3.4%	1.040	0.920	0.991
Scottish Borders	12.8%	13.0%	16.4%	0.680	0.666	0.636
Shetland Islands	12.4%	10.9%	10.3%	0.760	0.282	0.201
South Ayrshire	3.6%	6.4%	5.9%	1.040	0.970	1.037
South Lanarkshire	3.3%	3.3%	6.4%	0.930	0.930	0.865
Stirling	7.2%	6.5%	7.9%	1.097	1.118	1.037
West Dunbartonshire	6.5%	9.1%	9.1%	0.720	0.642	0.687
West Lothian	3.5%	3.1%	4.3%	1.100	1.087	1.128
<b>Scotland</b>	<b>4.1%</b>	<b>4.5%</b>	<b>5.3%</b>	<b>0.936</b>	<b>0.923</b>	<b>0.915</b>

## Environmental services

Environmental Services	Indicator 4					
	Percentage of household waste collected that was used for landfill			Number of tonnes per household that was disposed of by other methods		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City	95.7%	96.4%	94.2%			
Aberdeenshire	94.4%	83.6%	79.0%			
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	70.5%	61.8%	50.1%	0.025		
Argyll & Bute	83.8%	88.6%	91.1%	0.060		
Clackmannanshire	96.0%	95.5%	95.4%			
Dumfries & Galloway	96.8%	96.0%	96.1%			
Dundee City	53.8%	62.7%	34.2%			
East Ayrshire	97.9%	97.7%	97.5%			
East Dunbartonshire	92.6%	94.0%	92.2%			
East Lothian	95.3%	93.8%	93.5%			
East Renfrewshire	92.2%	91.9%	87.0%			
Edinburgh, City of	95.1%	94.5%	94.7%			
Eilean Siar	96.3%	95.9%	99.0%	0.045		
Falkirk	92.9%	92.5%	92.7%			
Fife	98.4%	97.9%	98.1%			
Glasgow City	97.5%	96.6%	95.4%			
Highland	97.8%	98.0%	98.0%			
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	96.1%	96.2%	95.2%			
Midlothian	97.8%	96.6%	95.9%			
Moray	97.3%	96.5%	94.8%			
North Ayrshire	96.4%	92.0%	93.4%			
North Lanarkshire	98.2%	98.7%	94.3%			
Orkney Islands	0.0%	12.5%	1.9%			
Perth & Kinross	84.0%	81.4%	80.4%			
Renfrewshire	96.3%	95.8%	94.5%			
Scottish Borders	87.2%	84.8%	81.3%			
Shetland Islands	72.4%	29.1%	19.2%			
South Ayrshire	94.5%	93.6%	94.1%			
South Lanarkshire	93.2%	93.4%	87.9%			
Stirling	92.3%	92.0%	89.9%			
West Dunbartonshire	93.5%	90.9%	90.3%			
West Lothian	96.5%	96.6%	93.9%			
<b>Scotland</b>	<b>92.9%</b>	<b>92.1%</b>	<b>89.6%</b>			

## Environmental services

Environmental Services	Indicator 4					
	Percentage of household waste collected that was disposed of by other methods			Total number of tonnes per household		
	1999/2000	2000/2001	2001/2002	1999/2000	2000/2001	2001/2002
Aberdeen City				1.170	0.991	0.884
Aberdeenshire				1.054	1.108	1.073
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	2.6%			0.965	0.875	0.952
Argyll & Bute	5.4%			1.110	0.996	1.098
Clackmannanshire				1.250	1.276	1.369
Dumfries & Galloway				0.940	1.069	1.042
Dundee City				0.930	0.818	0.856
East Ayrshire				0.950	0.950	0.950
East Dunbartonshire				1.220	1.336	1.432
East Lothian				1.270	1.234	1.250
East Renfrewshire				1.323	1.264	1.390
Edinburgh, City of				0.958	0.929	0.927
Eilean Siar		4.1%		1.000	1.096	1.188
Falkirk				1.130	1.103	1.118
Fife				1.057	1.072	1.255
Glasgow City				0.800	0.798	0.785
Highland				0.975	1.043	0.898
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde				0.760	0.732	0.770
Midlothian				1.380	1.371	1.499
Moray				1.357	1.235	1.109
North Ayrshire				0.840	1.078	1.191
North Lanarkshire				1.090	0.988	1.055
Orkney Islands				0.933	1.043	0.844
Perth & Kinross				0.910	1.235	1.263
Renfrewshire				1.080	0.960	1.049
Scottish Borders				0.780	0.785	0.782
Shetland Islands				1.050	0.969	1.047
South Ayrshire				1.100	1.036	1.102
South Lanarkshire				0.998	0.996	0.984
Stirling				1.188	1.215	1.154
West Dunbartonshire				0.770	0.706	0.761
West Lothian				1.140	1.125	1.201
<b>Scotland</b>				<b>1.007</b>	<b>1.003</b>	<b>1.021</b>

## Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per premise that was used for recovery of heat, power and other energy sources		Percentage of commercial and industrial waste collected that was used for recovery of heat, power and other energy sources		Number of tonnes per premise that was incinerated and the ash recycled	Percentage of commercial and industrial waste incinerated and the ash recycled
	2000/2001	2001/2002	2000/2001	2001/2002	2001/2002	2001/2002
Aberdeen City						
Aberdeenshire						
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	1.092	<b>1.884</b>	23.6%	<b>28.0%</b>	<b>0.332</b>	<b>4.9%</b>
Argyll & Bute						
Clackmannanshire						
Dumfries & Galloway						
Dundee City	1.260	<b>1.929</b>	23.8%	<b>31.9%</b>	<b>0.268</b>	<b>4.4%</b>
East Ayrshire						
East Dunbartonshire						
East Lothian						
East Renfrewshire						
Edinburgh, City of						
Eilean Siar						
Falkirk						
Fife						
Glasgow City						
Highland						
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde						
Midlothian						
Moray						
North Ayrshire						
North Lanarkshire						
Orkney Islands	0.808	<b>1.136</b>	77.0%	<b>54.7%</b>		
Perth & Kinross	0.073	<b>0.105</b>	0.8%	<b>1.3%</b>		
Renfrewshire						
Scottish Borders						
Shetland Islands	0.688	<b>0.719</b>	70.1%	<b>70.5%</b>		
South Ayrshire						
South Lanarkshire						
Stirling						
West Dunbartonshire						
West Lothian						
<b>Scotland</b>						

## Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per premise that was composted by the authority		Percentage of commercial and industrial waste collected that was composted by the authority		Number of tonnes per premise that was disposed of by other recycling or recovery methods	
	2000/2001	2001/2002	2000/2001	2001/2002	2000/2001	2001/2002
Aberdeen City					0.649	<b>0.444</b>
Aberdeenshire					0.089	<b>0.111</b>
Aberdeenshire - Central						
Aberdeenshire - North						
Angus		<b>0.547</b>		<b>8.1%</b>	0.684	<b>0.953</b>
Argyll & Bute					0.398	<b>0.333</b>
Clackmannanshire						
Dumfries & Galloway						
Dundee City	0.020	<b>0.106</b>	0.4%	<b>1.8%</b>	0.202	<b>0.518</b>
East Ayrshire					0.681	<b>0.671</b>
East Dunbartonshire		<b>0.449</b>		<b>5.8%</b>		<b>0.041</b>
East Lothian						
East Renfrewshire					0.326	<b>0.277</b>
Edinburgh, City of		<b>0.313</b>		<b>3.7%</b>		
Eilean Siar					0.073	<b>0.305</b>
Falkirk						
Fife		<b>0.020</b>		<b>0.2%</b>	0.293	<b>0.300</b>
Glasgow City	0.442	<b>0.500</b>	1.9%	<b>3.4%</b>	9.810	<b>0.254</b>
Highland					0.262	<b>0.144</b>
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde						
Midlothian						
Moray	0.240	<b>0.675</b>	1.2%	<b>3.8%</b>	0.990	<b>0.842</b>
North Ayrshire						
North Lanarkshire						<b>1.547</b>
Orkney Islands		<b>0.011</b>		<b>0.5%</b>	0.001	<b>0.117</b>
Perth & Kinross	0.840	<b>0.167</b>	9.6%	<b>2.0%</b>		<b>0.050</b>
Renfrewshire						
Scottish Borders					0.113	<b>0.160</b>
Shetland Islands					0.171	<b>0.105</b>
South Ayrshire					0.714	<b>0.288</b>
South Lanarkshire						
Stirling	0.158	<b>0.176</b>	1.7%	<b>1.4%</b>	0.526	<b>0.461</b>
West Dunbartonshire					0.138	<b>0.218</b>
West Lothian					0.855	<b>0.639</b>
<b>Scotland</b>					<b>0.852</b>	<b>0.292</b>



## Environmental services

Environmental Services	Indicator 4					
	Percentage of commercial and industrial waste collected that was disposed of by other recycling or recovery methods		Number of tonnes per premise that was used for landfill		Percentage of commercial and industrial waste collected that was used for landfill	
	2000/2001	2001/2002	2000/2001	2001/2002	2000/2001	2001/2002
Aberdeen City	9.5%	5.0%	6.200	8.490	90.5%	95.0%
Aberdeenshire	1.2%	1.5%	7.073	7.164	98.8%	98.0%
Aberdeenshire - Central						
Aberdeenshire - North						
Angus	14.8%	14.2%	2.852	3.013	61.6%	44.8%
Argyll & Bute	4.7%	5.0%	8.155	6.298	95.3%	95.0%
Clackmannanshire			2.770	2.880	100.0%	100.0%
Dumfries & Galloway			3.493	3.830	100.0%	100.0%
Dundee City	3.8%	8.6%	3.809	3.218	72.0%	53.3%
East Ayrshire	14.8%	15.5%	3.908	3.669	85.2%	84.5%
East Dunbartonshire		0.5%	6.271	7.217	100.0%	93.6%
East Lothian			5.788	5.999	100.0%	100.0%
East Renfrewshire	3.4%	3.3%	9.270	8.221	96.6%	96.7%
Edinburgh, City of			2.784	8.045	100.0%	96.3%
Eilean Siar	0.7%	2.6%	9.971	11.496	99.3%	97.4%
Falkirk			10.678	12.046	100.0%	100.0%
Fife	3.4%	3.0%	8.352	9.841	96.6%	96.9%
Glasgow City	41.7%	1.7%	13.251	14.079	56.4%	94.9%
Highland	2.3%	1.9%	11.317	7.428	97.7%	98.1%
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde			7.230	5.676	100.0%	100.0%
Midlothian			4.040	4.292	100.0%	100.0%
Moray	5.0%	4.8%	18.722	16.042	93.8%	91.4%
North Ayrshire			4.953	5.427	100.0%	100.0%
North Lanarkshire		14.4%	8.136	9.224	100.0%	85.6%
Orkney Islands	0.1%	5.6%	0.240	0.813	22.9%	39.1%
Perth & Kinross		0.6%	7.850	8.013	89.6%	96.1%
Renfrewshire			9.653	5.183	100.0%	100.0%
Scottish Borders	2.1%	2.5%	5.318	6.246	97.9%	97.5%
Shetland Islands	17.4%	10.3%	0.122	0.196	12.4%	19.2%
South Ayrshire	5.2%	2.8%	12.923	10.003	94.8%	97.2%
South Lanarkshire			7.194	3.441	100.0%	100.0%
Stirling	5.6%	3.7%	8.736	11.829	92.7%	94.9%
West Dunbartonshire	0.7%	1.0%	20.017	22.699	99.3%	99.0%
West Lothian	5.8%	4.5%	13.975	13.704	94.2%	95.5%
<b>Scotland</b>	<b>10.8%</b>	<b>3.4%</b>	<b>6.869</b>	<b>7.916</b>	<b>86.9%</b>	<b>92.2%</b>

## Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per premise that was disposed of by other methods		Percentage of commercial and industrial waste collected that was disposed of by other methods		Total number of tonnes per premise	
	2000/2001	2001/2002	2000/2001	2001/2002	2000/2001	2001/2002
Aberdeen City					6.849	8.934
Aberdeenshire		0.032		0.4%	7.162	7.307
Aberdeenshire - Central						
Aberdeenshire - North						
Angus					4.628	6.729
Argyll & Bute					8.553	6.631
Clackmannanshire					2.770	2.880
Dumfries & Galloway					3.493	3.830
Dundee City					5.291	6.039
East Ayrshire					4.589	4.340
East Dunbartonshire					6.271	7.707
East Lothian					5.788	5.999
East Renfrewshire					9.596	8.498
Edinburgh, City of					2.784	8.358
Eilean Siar					10.044	11.801
Falkirk					10.678	12.046
Fife					8.645	10.161
Glasgow City					23.503	14.833
Highland					11.579	7.572
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde					7.230	5.676
Midlothian					4.040	4.292
Moray					19.952	17.559
North Ayrshire					4.953	5.427
North Lanarkshire					8.136	10.771
Orkney Islands					1.049	2.077
Perth & Kinross					8.763	8.335
Renfrewshire					9.653	5.183
Scottish Borders					5.431	6.406
Shetland Islands					0.981	1.020
South Ayrshire					13.637	10.291
South Lanarkshire					7.194	3.441
Stirling					9.420	12.466
West Dunbartonshire					20.155	22.917
West Lothian					14.830	14.343
<b>Scotland</b>					<b>7.908</b>	<b>8.585</b>