

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 percentage of special uplifts for bulky domestic refuse 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 shows the proportion completed within 5 days of the council receiving the request.

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.

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				
Total		100%		100%
Total tonnage collected				

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		
	2000/2001	2001/2002	2002/2003	2001/2002	2002/2003	2002/2003
Aberdeen City	£41.30	£41.98	£45.85	£41.37	£50.87	£55.53
Aberdeenshire	£31.16	£33.63	£35.45	£64.46	£65.56	£74.74
Angus	£36.19	£44.46	£47.80	£37.16	£50.58	£57.42
Argyll & Bute	£56.32	£66.58	£73.99	£61.09	£119.99	£118.88
Clackmannanshire	£55.37	£52.11	£57.76	£52.81	£42.52	£56.60
Dumfries & Galloway	£49.88	£45.12	£49.12	£28.17	£50.80	£59.95
Dundee City	£46.98	£47.65	£55.70	£60.31	£68.34	£72.88
East Ayrshire	£51.73	£49.16	£52.72	£50.03	£51.07	£56.38
East Dunbartonshire	£45.46	£46.20	£49.17	£44.45	£47.27	£47.92
East Lothian	£47.70	£43.94	£47.68	£44.95	£46.30	£50.80
East Renfrewshire	£40.54	£42.23	£43.72	£42.28	£45.94	£50.35
Edinburgh, City of	£49.04	£54.41	£60.78	£38.38	£43.91	£52.97
Eilean Siar	£71.94	£86.57	£73.96	£65.18	£84.58	£96.62
Falkirk	£35.29	£37.60	£39.61	£46.13	£49.87	£51.53
Fife	£36.82	£38.03	£45.43	£45.33	£50.75	£45.92
Glasgow City	£49.42	£49.95	£54.26	£52.33	£52.29	£57.91
Highland	£49.21	£51.55	£53.70	£45.24	£43.15	£47.70
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	£44.65	£43.55	£45.57	£36.23	£36.26	£38.94
Midlothian	£39.57	£40.93	£43.00	£35.31	£37.23	£43.32
Moray	£46.94	£35.26	£43.89	£58.41	£48.74	£70.39
North Ayrshire	£45.28	£46.19	£47.58	£31.03	£36.22	£33.89
North Lanarkshire	£46.80	£49.11	£52.07	£31.36	£41.06	£52.52
Orkney Islands	£67.30	£67.65	£72.43	£101.87	£98.77	£102.77
Perth & Kinross	£51.81	£53.58	£58.10	£65.16	£72.57	£78.27
Renfrewshire	£46.54	£45.93	£49.00	£37.19	£44.66	£47.11
Scottish Borders	£38.70	£38.56	£44.87	£32.72	£33.88	£40.32
Shetland Islands	£39.49	£59.75	£73.06	£76.53	£63.90	£105.37
South Ayrshire	£39.85	£45.00	£35.93	£39.88	£42.42	£49.92
South Lanarkshire	£46.19	£39.79	£41.07	£36.50	£37.68	£38.77
Stirling	£62.56	£62.52	£58.21	£42.20	£47.00	£48.68
West Dunbartonshire	£41.47	£41.58	£48.87	£31.45	£40.73	£43.82
West Lothian	£46.43	£48.57	£52.73	£41.32	£43.20	£51.64
Scotland	£45.63	£46.94	£50.43	£44.63	£49.53	£55.22

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		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	89.1%	90.9%	87.1%	17,380	18,230	16,802
Aberdeenshire	94.6%	93.7%	94.4%	1,023	1,839	2,256
Angus	94.2%	93.4%	97.0%	7,676	3,106	3,578
Argyll & Bute	80.3%	75.5%	71.8%	1,869	2,185	2,574
Clackmannanshire	90.4%	95.1%	90.4%	8,763	7,967	6,893
Dumfries & Galloway	98.9%	95.3%	71.6%	3,403	4,784	7,623
Dundee City	99.0%	99.4%	99.2%	11,770	15,249	18,867
East Ayrshire	98.4%	98.1%	97.8%	61,298	67,512	66,345
East Dunbartonshire	29.2%	53.1%	44.2%	30,419	32,783	33,888
East Lothian	47.2%	64.0%	74.6%	28,549	27,146	34,252
East Renfrewshire	93.4%	83.0%	98.3%	7,499	9,261	12,762
Edinburgh, City of	5.7%	22.4%	21.0%	58,013	67,685	72,106
Eilean Siar	82.4%	82.7%	81.2%	1,917	2,517	2,883
Falkirk	99.0%	72.4%	58.4%	44,212	44,789	47,616
Fife	64.4%	66.3%	81.6%	91,710	103,192	120,706
Glasgow City	92.6%	82.2%	93.3%	82,256	75,376	97,150
Highland		96.7%	66.8%		58,280	58,280
Highland - Badenoch & Strathspey	94.7%			810		
Highland - Caithness	92.5%			9,046		
Highland - Inverness	100.0%			16,985		
Highland - Lochaber	89.3%			5,425		
Highland - Nairn	74.9%			3,976		
Highland - Ross & Cromarty	98.9%			12,073		
Highland - Skye & Lochalsh	92.1%			1,451		
Inverclyde	93.6%	95.9%	82.2%	11,809	12,572	12,971
Midlothian	32.1%	37.5%	90.1%	15,090	17,309	19,192
Moray	72.6%	63.4%	60.7%	11,471	12,920	14,693
North Ayrshire	97.7%	98.6%	99.0%	45,524	47,891	51,444
North Lanarkshire	80.5%	89.2%	80.9%	120,047	125,023	121,032
Orkney Islands	65.6%	48.4%	47.9%	1,376	1,315	1,384
Perth & Kinross	98.5%	97.5%	99.6%	2,600	2,291	2,646
Renfrewshire	96.3%	97.2%	95.8%	22,980	24,645	27,206
Scottish Borders	94.4%	92.9%	93.4%	6,016	6,855	5,309
Shetland Islands	No Service	No Service	No Service	No Service	No Service	No Service
South Ayrshire	82.3%	82.0%	81.6%	25,787	27,272	29,549
South Lanarkshire	87.5%	94.2%	95.1%	84,464	92,227	93,039
Stirling	75.2%	85.9%	82.4%	4,547	4,902	4,009
West Dunbartonshire	58.8%	72.4%	60.2%	30,151	33,415	32,260
West Lothian	92.8%	97.4%	98.3%	58,360	9,470	8,690
Scotland	77.7%	79.2%	78.6%	947,745	955,224	1,028,969

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		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	78	85	84	79	66	268
Aberdeenshire	3	3	4	6	8	79
Angus	13	16	11	17	15	10
Argyll & Bute	30	19	14	18	17	17
Clackmannanshire	2,006	82	104	207	78	73
Dumfries & Galloway	316	236	237	92	182	213
Dundee City	26	22	24	14	26	22
East Ayrshire	15	5	20	10	10	21
East Dunbartonshire	68	81	96	75	53	69
East Lothian	2	7	13	13,276	11	5
East Renfrewshire	66	124	79	54	82	62
Edinburgh, City of	54	56	46	55	44	47
Eilean Siar	2	0	21	623	326	178
Falkirk	31	57	85	41	51	52
Fife	66	102	74	1,289	323	76
Glasgow City	3	Not Reported	3	1,235	Not Reported	1
Highland	13	13	Not Reported	483	44	Not Reported
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	43	41	42	63	49	34
Midlothian	1,852	24	18	25,356	28	19
Moray	2	0	1	20	3	1
North Ayrshire	20	13	11	17	15	9
North Lanarkshire	82	78	83	80	74	71
Orkney Islands	16	6	7	15	7	5
Perth & Kinross	893	29	23	758	30	24
Renfrewshire	27	22	23	18	20	20
Scottish Borders	1	4	5	3,121	6	6
Shetland Islands	7	5	28	9	5	4
South Ayrshire	31	33	35	55	33	35
South Lanarkshire	20	25	25	43	19	34
Stirling	129	94	96	108	163	96
West Dunbartonshire	47	31	50	25	27	33
West Lothian	38	26	34	37	28	27
Scotland	104	46	44	946	64	56

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		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City						
Aberdeenshire						
Angus	0.205	0.298	0.328	23.4%	31.3%	27.4%
Argyll & Bute						
Clackmannanshire						
Dumfries & Galloway						
Dundee City	0.245	0.354	0.400	30.0%	41.4%	42.8%
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	0.746	0.654	0.461	71.5%	77.5%	49.2%
Perth & Kinross	0.009	0.013	0.017	0.7%	1.0%	1.3%
Renfrewshire						
Scottish Borders						
Shetland Islands	0.581	0.738	0.568	60.0%	70.5%	47.3%
South Ayrshire						
South Lanarkshire						
Sirling						
West Dunbartonshire						
West Lothian						
Scotland						

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	
	2001/2002	2002/2003	2001/2002	2002/2003
Aberdeen City				
Aberdeenshire				
Angus	0.053	0.059	5.6%	4.9%
Argyll & Bute				
Clackmannanshire				
Dumfries & Galloway				
Dundee City	0.099	0.096	11.6%	10.3%
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		0.163		17.4%
Perth & Kinross		0.004		0.3%
Renfrewshire				
Scottish Borders				
Shetland Islands				
South Ayrshire				
South Lanarkshire				
Stirling				
West Dunbartonshire				
West Lothian				
Scotland				

Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per household that was composted by the authority			Percentage of household waste collected that was composted by the authority		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City			0.019			1.9%
Aberdeenshire	0.110	0.141	0.125	9.9%	13.1%	9.6%
Angus	0.059	0.048	0.064	6.7%	5.0%	5.3%
Argyll & Bute			0.000			0.0%
Clackmannanshire			0.007			0.5%
Dumfries & Galloway			0.000			0.0%
Dundee City	0.008	0.042	0.048	1.0%	4.9%	5.1%
East Ayrshire			0.000			0.0%
East Dunbartonshire		0.009	0.031		0.6%	2.2%
East Lothian		0.020	0.057		1.6%	4.5%
East Renfrewshire		0.012	0.045		0.9%	3.1%
Edinburgh, City of		0.003	0.01		0.3%	1.0%
Eilean Siar			0.000			0.0%
Falkirk	0.031	0.027	0.034	2.8%	2.4%	3.0%
Fife		0.003	0.012		0.2%	0.9%
Glasgow City	0.003	0.010	0.017	0.4%	1.3%	2.1%
Highland		0.001	0.003		0.1%	0.3%
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde			0.000			0.0%
Midlothian			0.000			0.0%
Moray	0.008	0.020	0.028	0.6%	1.8%	2.6%
North Ayrshire	0.055	0.046	0.114	5.1%	3.9%	10.2%
North Lanarkshire			0.000			0.0%
Orkney Islands	0.073	0.076	0.084	7.0%	9.0%	9.0%
Perth & Kinross	0.133	0.157	0.097	10.8%	12.4%	7.7%
Renfrewshire	0.010	0.022	0.029	1.0%	2.1%	2.5%
Scottish Borders	0.017	0.018	0.000	2.2%	2.3%	0.0%
Shetland Islands			0.000			0.0%
South Ayrshire			0.016			1.6%
South Lanarkshire	0.033	0.056	0.040	3.3%	5.7%	3.2%
Stirling	0.018	0.026	0.024	1.5%	2.3%	2.2%
West Dunbartonshire		0.005	0.000		0.7%	0.0%
West Lothian	0.003	0.021	0.044	0.3%	1.7%	3.3%
Scotland						

Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per household that was disposed of by other recycling or recovery methods			Percentage of household waste collected that was disposed of by other recycling or recovery methods		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	0.036	0.051	0.063	3.6%	5.8%	6.3%
Aberdeenshire	0.072	0.084	0.055	6.5%	7.8%	4.2%
Angus	0.070	0.076	0.155	8.0%	8.0%	12.9%
Argyll & Bute	0.114	0.098	0.110	11.4%	8.9%	8.9%
Clackmannanshire	0.057	0.063	0.081	4.5%	4.6%	6.1%
Dumfries & Galloway	0.043	0.041	0.044	4.0%	3.9%	4.1%
Dundee City	0.052	0.068	0.081	6.4%	7.9%	8.7%
East Ayrshire	0.022	0.024	0.038	2.3%	2.5%	3.8%
East Dunbartonshire	0.080	0.103	0.114	6.0%	7.2%	8.2%
East Lothian	0.076	0.061	0.108	6.2%	4.9%	8.5%
East Renfrewshire	0.103	0.169	0.178	8.1%	12.2%	12.3%
Edinburgh, City of	0.051	0.046	0.070	5.5%	5.0%	7.3%
Eilean Siar		0.012	0.081		1.0%	7.1%
Falkirk	0.052	0.055	0.079	4.7%	4.9%	7.0%
Fife	0.023	0.021	0.054	2.1%	1.7%	4.1%
Glasgow City	0.024	0.026	0.032	3.0%	3.3%	4.0%
Highland	0.021	0.017	0.041	2.0%	1.9%	4.1%
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	0.028	0.037	0.044	3.8%	4.8%	5.6%
Midlothian	0.046	0.061	0.064	3.4%	4.1%	4.4%
Moray	0.035	0.038	0.074	2.8%	3.4%	6.9%
North Ayrshire	0.031	0.033	0.041	2.9%	2.8%	3.7%
North Lanarkshire	0.013	0.060	0.160	1.3%	5.7%	13.4%
Orkney Islands	0.094	0.098	0.066	9.0%	11.6%	7.0%
Perth & Kinross	0.088	0.077	0.133	7.1%	6.1%	10.5%
Renfrewshire	0.030	0.036	0.079	3.1%	3.4%	6.8%
Scottish Borders	0.102	0.128	0.111	13.0%	16.4%	13.8%
Shetland Islands	0.106	0.108	0.067	10.9%	10.3%	5.6%
South Ayrshire	0.066	0.065	0.053	6.4%	5.9%	5.3%
South Lanarkshire	0.033	0.063	0.118	3.3%	6.4%	9.4%
Stirling	0.079	0.091	0.102	6.5%	7.9%	9.4%
West Dunbartonshire	0.064	0.069	0.077	9.1%	9.1%	10.2%
West Lothian	0.035	0.052	0.092	3.1%	4.3%	6.9%
Scotland	0.045	0.054	0.078	4.5%	5.3%	7.1%

Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per household that was used for landfill			Percentage of household waste collected that was used for landfill		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	0.955	0.833	0.923	96.4%	94.2%	91.8%
Aberdeenshire	0.926	0.848	1.123	83.6%	79.0%	86.2%
Angus	0.541	0.477	0.593	61.8%	50.1%	49.5%
Argyll & Bute	0.882	1.000	1.126	88.6%	91.1%	91.1%
Clackmannanshire	1.219	1.306	1.238	95.5%	95.4%	93.4%
Dumfries & Galloway	1.026	1.001	1.033	96.0%	96.1%	95.9%
Dundee City	0.513	0.293	0.309	62.7%	34.2%	33.1%
East Ayrshire	0.928	0.926	0.966	97.7%	97.5%	96.2%
East Dunbartonshire	1.256	1.320	1.239	94.0%	92.2%	89.5%
East Lothian	1.158	1.169	1.111	93.8%	93.5%	87.1%
East Renfrewshire	1.161	1.209	1.227	91.9%	87.0%	84.6%
Edinburgh, City of	0.878	0.878	0.874	94.5%	94.7%	91.6%
Eilean Siar	1.051	1.176	1.061	95.9%	99.0%	92.9%
Falkirk	1.020	1.036	1.008	92.5%	92.7%	89.9%
Fife	1.049	1.231	1.239	97.9%	98.1%	94.9%
Glasgow City	0.771	0.749	0.757	96.6%	95.4%	93.9%
Highland	1.022	0.880	0.947	98.0%	98.0%	95.6%
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	0.704	0.733	0.741	96.2%	95.2%	94.4%
Midlothian	1.325	1.438	1.407	96.6%	95.9%	95.6%
Moray	1.192	1.051	0.963	96.5%	94.8%	90.4%
North Ayrshire	0.992	1.112	0.959	92.0%	93.4%	86.1%
North Lanarkshire	0.975	0.995	1.031	98.7%	94.3%	86.6%
Orkney Islands	0.130	0.016	0.163	12.5%	1.9%	17.4%
Perth & Kinross	1.005	1.016	1.011	81.4%	80.4%	80.1%
Renfrewshire	0.920	0.991	1.057	95.8%	94.5%	90.7%
Scottish Borders	0.666	0.636	0.692	84.8%	81.3%	86.2%
Shetland Islands	0.282	0.201	0.361	29.1%	19.2%	30.1%
South Ayrshire	0.970	1.037	0.931	93.6%	94.1%	93.1%
South Lanarkshire	0.930	0.865	1.103	93.4%	87.9%	87.5%
Stirling	1.118	1.037	0.959	92.0%	89.9%	88.4%
West Dunbartonshire	0.642	0.687	0.675	90.9%	90.3%	89.8%
West Lothian	1.087	1.128	1.206	96.6%	93.9%	89.9%
Scotland	0.923	0.915	0.954	92.1%	89.6%	87.5%

Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per household that was disposed of by other methods			Percentage of household waste collected that was disposed of by other methods		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City						
Aberdeenshire						
Angus						
Argyll & Bute						
Clackmannanshire						
Dumfries & Galloway						
Dundee City						
East Ayrshire						
East Dunbartonshire						
East Lothian						
East Renfrewshire						
Edinburgh, City of						
Eilean Siar	0.045			4.1%		
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						
Perth & Kinross						
Renfrewshire						
Scottish Borders						
Shetland Islands						
South Ayrshire						
South Lanarkshire						
Stirling						
West Dunbartonshire						
West Lothian						
Scotland						

Environmental services

Environmental Services	Indicator 4					
	Total number of tonnes per household			Percentage of household waste disposed of by all methods		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	0.991	0.884	1.005	100.0%	100.0%	100.0%
Aberdeenshire	1.108	1.073	1.303	100.0%	99.9%	100.0%
Angus	0.875	0.952	1.199	99.9%	100.0%	100.0%
Argyll & Bute	0.996	1.098	1.236	100.0%	100.0%	100.0%
Clackmannanshire	1.276	1.369	1.326	100.0%	100.0%	100.0%
Dumfries & Galloway	1.069	1.042	1.077	100.0%	100.0%	100.0%
Dundee City	0.818	0.856	0.934	100.1%	100.0%	100.0%
East Ayrshire	0.950	0.950	1.004	100.0%	100.0%	100.0%
East Dunbartonshire	1.336	1.432	1.384	100.0%	100.0%	99.9%
East Lothian	1.234	1.250	1.276	100.0%	100.0%	100.1%
East Renfrewshire	1.264	1.390	1.450	100.0%	100.1%	100.0%
Edinburgh, City of	0.929	0.927	0.954	100.0%	100.0%	99.9%
Eilean Siar	1.096	1.188	1.142	100.0%	100.0%	100.0%
Falkirk	1.103	1.118	1.121	100.0%	100.0%	99.9%
Fife	1.072	1.255	1.305	100.0%	100.0%	99.9%
Glasgow City	0.798	0.785	0.806	100.0%	100.0%	100.0%
Highland	1.043	0.898	0.991	100.0%	100.0%	100.0%
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	0.732	0.770	0.785	100.0%	100.0%	100.0%
Midlothian	1.371	1.499	1.471	100.0%	100.0%	100.0%
Moray	1.235	1.109	1.065	99.9%	100.0%	99.9%
North Ayrshire	1.078	1.191	1.114	100.0%	100.1%	100.0%
North Lanarkshire	0.988	1.055	1.191	100.0%	100.0%	100.0%
Orkney Islands	1.043	0.844	0.937	100.0%	100.0%	100.0%
Perth & Kinross	1.235	1.263	1.262	100.0%	99.9%	99.9%
Renfrewshire	0.960	1.049	1.165	100.0%	100.0%	100.0%
Scottish Borders	0.785	0.782	0.803	100.0%	100.0%	100.0%
Shetland Islands	0.969	1.047	1.201	100.0%	100.0%	100.1%
South Ayrshire	1.036	1.102	1.000	100.0%	100.0%	100.0%
South Lanarkshire	0.996	0.984	1.261	100.0%	100.0%	100.1%
Stirling	1.215	1.154	1.085	100.0%	100.1%	100.0%
West Dunbartonshire	0.706	0.761	0.752	100.0%	100.1%	100.0%
West Lothian	1.125	1.201	1.342	100.0%	99.9%	100.1%
Scotland	1.003	1.022	1.090	100.0%	100.0%	100.0%

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		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City						
Aberdeenshire						
Angus	1.092	1.884	1.831	23.6%	28.0%	25.2%
Argyll & Bute						
Clackmannanshire						
Dumfries & Galloway						
Dundee City	1.260	1.929	2.185	23.8%	31.9%	37.8%
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	1.136	0.557	77.0%	54.7%	28.9%
Perth & Kinross	0.073	0.105	0.119	0.8%	1.3%	1.3%
Renfrewshire						
Scottish Borders						
Shetland Islands	0.688	0.719	0.568	70.1%	70.5%	47.3%
South Ayrshire						
South Lanarkshire						
Stirling						
West Dunbartonshire						
West Lothian						
Scotland						

Environmental services

Environmental Services	Indicator 4			
	Number of tonnes per premise that was incinerated and the ash recycled		Percentage of commercial and industrial waste incinerated and the ash recycled	
	2001/2002	2002/2003	2001/2002	2002/2003
Aberdeen City				
Aberdeenshire				
Angus	0.332	0.327	4.9%	4.5%
Argyll & Bute				
Clackmannanshire				
Dumfries & Galloway				
Dundee City	0.268	0.509	4.4%	8.8%
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		0.186		9.7%
Perth & Kinross		0.029		0.3%
Renfrewshire				
Scottish Borders				
Shetland Islands				
South Ayrshire				
South Lanarkshire				
Stirling				
West Dunbartonshire				
West Lothian				
Scotland				

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		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City						
Aberdeenshire						
Angus		0.547	0.649	8.1%		8.9%
Argyll & Bute						
Clackmannanshire						
Dumfries & Galloway						
Dundee City	0.020	0.106	0.119	0.4%	1.8%	2.1%
East Ayrshire						
East Dunbartonshire		0.449	0.403		5.8%	6.6%
East Lothian						
East Renfrewshire						
Edinburgh, City of		0.313			3.7%	
Eilean Siar						
Falkirk						
Fife		0.020			0.2%	
Glasgow City	0.442	0.500	0.589	1.9%	3.4%	4.4%
Highland						
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde						
Midlothian						
Moray	0.240	0.675	1.129	1.2%	3.8%	5.6%
North Ayrshire			0.056			1.0%
North Lanarkshire						
Orkney Islands		0.011	0.028		0.5%	1.5%
Perth & Kinross	0.840	0.167	0.862	9.6%	2.0%	9.6%
Renfrewshire						
Scottish Borders						
Shetland Islands						
South Ayrshire			1.829			15.2%
South Lanarkshire						
Stirling	0.158	0.176	0.042	1.7%	1.4%	1.5%
West Dunbartonshire						
West Lothian						
Scotland						

Environmental services

Environmental Services	Indicator 4					
	Number of tonnes per premise that was disposed of by other recycling or recovery methods			Percentage of commercial and industrial waste collected that was disposed of by other recycling or recovery methods		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	0.649	0.444	0.467	9.5%	5.0%	4.8%
Aberdeenshire	0.089	0.111	0.441	1.2%	1.5%	8.1%
Angus	0.684	0.953	1.161	14.8%	14.2%	16.0%
Argyll & Bute	0.398	0.333	0.270	4.7%	5.0%	10.5%
Clackmannanshire			0.202	0.0%	0.0%	6.0%
Dumfries & Galloway			0.000	0.0%	0.0%	0.0%
Dundee City	0.202	0.518	0.376	3.8%	8.6%	6.5%
East Ayrshire	0.681	0.671	0.704	14.8%	15.5%	14.8%
East Dunbartonshire		0.041	0.191	0.0%	0.5%	3.1%
East Lothian			0.175	0.0%	0.0%	3.0%
East Renfrewshire	0.326	0.277	0.341	3.4%	3.3%	3.9%
Edinburgh, City of				0.0%	0.0%	1.6%
Eilean Siar	0.073	0.305	0.027	0.7%	2.6%	0.8%
Falkirk				0.0%	0.0%	0.0%
Fife	0.293	0.300		3.4%	3.0%	4.8%
Glasgow City	9.810	0.254	0.256	41.7%	1.7%	1.9%
Highland	0.262	0.144		2.3%	1.9%	1.5%
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde			0.470	0.0%	0.0%	6.4%
Midlothian				0.0%	0.0%	0.0%
Moray	0.990	0.842	2.036	5.0%	4.8%	10.1%
North Ayrshire				0.0%	0.0%	0.0%
North Lanarkshire		1.547		0.0%	14.4%	15.7%
Orkney Islands	0.001	0.117	0.098	0.1%	5.6%	5.1%
Perth & Kinross		0.050	0.323	0.0%	0.6%	3.6%
Renfrewshire				0.0%	0.0%	0.0%
Scottish Borders	0.113	0.160	0.064	2.1%	2.5%	1.0%
Shetland Islands	0.171	0.105	0.066	17.4%	10.3%	5.5%
South Ayrshire	0.714	0.288	0.259	5.2%	2.8%	2.2%
South Lanarkshire				0.0%	0.0%	0.0%
Stirling	0.526	0.461	0.161	5.6%	3.7%	5.7%
West Dunbartonshire	0.138	0.218	0.453	0.7%	1.0%	1.9%
West Lothian	0.855	0.639	0.500	5.8%	4.5%	7.2%
Scotland	0.852	0.282	0.344	10.8	3.4	4.3

Environmental services

Environmental Services	Indicator 4					
	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	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	6.200	8.490	9.319	90.5%	95.0%	95.2%
Aberdeenshire	7.073	7.164	4.921	98.8%	98.0%	90.5%
Angus	2.852	3.013	3.303	61.6%	44.8%	45.4%
Argyll & Bute	8.155	6.298	2.301	95.3%	95.0%	89.5%
Clackmannanshire	2.770	2.880	3.174	100.0%	100.0%	94.0%
Dumfries & Galloway	3.493	3.830	3.744	100.0%	100.0%	100.0%
Dundee City	3.809	3.218	2.599	72.0%	53.3%	44.9%
East Ayrshire	3.908	3.669	4.053	85.2%	84.5%	85.2%
East Dunbartonshire	6.271	7.217	5.553	100.0%	93.6%	90.3%
East Lothian	5.788	5.999	5.651	100.0%	100.0%	97.0%
East Renfrewshire	9.270	8.221	8.504	96.6%	96.7%	96.1%
Edinburgh, City of	2.784	8.045	7.542	100.0%	96.3%	95.0%
Eilean Siar	9.971	11.496	3.410	99.3%	97.4%	99.2%
Falkirk	10.678	12.046	23.482	100.0%	100.0%	100.0%
Fife	8.352	9.841	9.404	96.6%	96.9%	94.0%
Glasgow City	13.251	14.079	12.408	56.4%	94.9%	93.6%
Highland	11.317	7.428	9.147	97.7%	98.1%	98.5%
Highland - Badenoch & Strathspey						
Highland - Caithness						
Highland - Inverness						
Highland - Lochaber						
Highland - Nairn						
Highland - Ross & Cromarty						
Highland - Skye & Lochalsh						
Inverclyde	7.230	5.676	6.857	100.0%	100.0%	93.6%
Midlothian	4.040	4.292	3.925	100.0%	100.0%	100.0%
Moray	18.722	16.042	16.943	93.8%	91.4%	84.3%
North Ayrshire	4.953	5.427	5.287	100.0%	100.0%	99.0%
North Lanarkshire	8.136	9.224	7.269	100.0%	85.6%	84.3%
Orkney Islands	0.240	0.813	1.057	22.9%	39.1%	54.9%
Perth & Kinross	7.850	8.013	7.679	89.6%	96.1%	85.2%
Renfrewshire	9.653	5.183	5.488	100.0%	100.0%	100.0%
Scottish Borders	5.318	6.246	6.571	97.9%	97.5%	99.0%
Shetland Islands	0.122	0.196	0.362	12.4%	19.2%	30.2%
South Ayrshire	12.923	10.003	9.918	94.8%	97.2%	82.6%
South Lanarkshire	7.194	3.441	4.143	100.0%	100.0%	100.0%
Stirling	8.736	11.829	2.608	92.7%	94.9%	92.8%
West Dunbartonshire	20.017	22.699	23.098	99.3%	99.0%	98.1%
West Lothian	13.975	13.704	6.402	94.2%	95.5%	92.8%
Scotland	6.869	7.916	7.007	86.9%	92.3%	88.5%

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		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City						
Aberdeenshire		0.032	0.074		0.4%	1.4%
Angus						
Argyll & Bute						
Clackmannanshire						
Dumfries & Galloway						
Dundee City						
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						
Perth & Kinross						
Renfrewshire						
Scottish Borders						
Shetland Islands						
South Ayrshire						
South Lanarkshire						
Sirling						
West Dunbartonshire						
West Lothian						
Scotland						

Environmental services

Environmental Services	Indicator 4		
	Total number of tonnes per premise		
	2000/2001	2001/2002	2002/2003
Aberdeen City	6.849	8.934	9.786
Aberdeenshire	7.162	7.307	5.436
Angus	4.628	6.729	7.271
Argyll & Bute	8.553	6.631	2.571
Clackmannanshire	2.770	2.880	3.376
Dumfries & Galloway	3.493	3.830	3.744
Dundee City	5.291	6.039	5.788
East Ayrshire	4.589	4.340	4.757
East Dunbartonshire	6.271	7.707	6.147
East Lothian	5.788	5.999	5.826
East Renfrewshire	9.596	8.498	8.845
Edinburgh, City of	2.784	8.358	7.943
Eilean Siar	10.044	11.801	3.437
Falkirk	10.678	12.046	23.482
Fife	8.645	10.161	10.000
Glasgow City	23.503	14.833	13.253
Highland	11.579	7.572	9.289
Highland - Badenoch & Strathspey			
Highland - Caithness			
Highland - Inverness			
Highland - Lochaber			
Highland - Nairn			
Highland - Ross & Cromarty			
Highland - Skye & Lochalsh			
Inverclyde	7.230	5.676	7.327
Midlothian	4.040	4.292	3.925
Moray	19.952	17.559	20.108
North Ayrshire	4.953	5.427	5.343
North Lanarkshire	8.136	10.771	8.625
Orkney Islands	1.049	2.077	1.926
Perth & Kinross	8.763	8.335	9.012
Renfrewshire	9.653	5.183	5.488
Scottish Borders	5.431	6.406	6.635
Shetland Islands	0.981	1.020	1.200
South Ayrshire	13.637	10.291	12.006
South Lanarkshire	7.194	3.441	4.143
Stirling	9.420	12.466	2.811
West Dunbartonshire	20.155	22.917	23.551
West Lothian	14.830	14.343	6.902
Scotland	7.908	8.585	7.917