

## Environmental services

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### **Refuse collection – the gross cost per property (£) of refuse collection**

This indicator shows how much it costs the council to collect refuse from domestic and commercial premises, and domestic bulky uplifts.

Most councils use the wheeled bin method of refuse collection. The alternatives are the uplift of static bins or sacks.

### **Points to bear in mind**

More frequent collections are likely to cause higher costs. The great majority of councils collect domestic refuse once a week, though a very small number operate a twice-weekly uplift. Commercial uplifts are generally carried out two or three times a week. Some councils undertake separate collections of garden refuse and waste paper.

A council whose population is widely dispersed is likely to incur a higher collection cost than one where the population is more concentrated. However, in urban areas restricted access to collection points can affect costs.

## Environmental services

### Group A

Refuse collection - the gross cost per property (£) of refuse collection

Group A - Rural councils	PI measurement			Better ✓ or worse X since 00/01		
	00/01	01/02	02/03	5-9%	10-14%	>15%
Aberdeenshire	31.16	33.63	35.45	X		
Argyll & Bute	56.32	66.58	73.99	X		
Dumfries & Galloway	49.88	<u>45.12</u>	49.12			
Eilean Siar	71.94	86.57	73.96			
Highland	49.21	51.55	53.70	X		
Orkney Islands	67.30	67.65	72.43	X		
Perth & Kinross	51.81	53.58	58.10	X		
Scottish Borders	38.70	38.56	44.87	X		
Shetland Islands	39.49	59.75	73.06	X		
<b>Scotland</b>						
	45.63	46.94	50.43			

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	-
10-14%	-
>15%	-
<b>Decline</b>	
5-9%	2
10-14%	2
>15%	3

Data features for this Group	Symbol	00/01	01/02	02/03
PI not applicable	(-)	0	0	0
No service	(NS)	0	0	0

#### Notes

An underlined PI measurement indicates unreliable data.

Family groups were defined in consultation with councils and professional bodies.

All Scotland figures above cover all councils rather than those in the group.

**The following councils were ranked 25th or below in 2000/01:**

Argyll & Bute  
 Dumfries & Galloway  
 Eilean Siar  
 Orkney Islands  
 Perth & Kinross

**The following councils did not make any material improvement in their performance by 2002/03:**

Argyll & Bute  
 Dumfries & Galloway  
 Eilean Siar  
 Orkney Islands  
 Perth & Kinross

## Environmental services

### Group B

Refuse collection - the gross cost per property (£) of refuse collection

Group B - Mixed councils	PI measurement			Better ✓ or worse X since 00/01		
	00/01	01/02	02/03	5-9%	10-14%	>15%
Angus	36.19	44.46	47.80			X
Clackmannanshire	55.37	52.11	57.76			
East Ayrshire	51.73	49.16	52.72			
East Lothian	47.70	43.94	47.68			
East Renfrewshire	40.54	42.23	43.72	X		
Fife	36.82	<u>38.03</u>	45.43			X
Inverclyde	44.65	43.55	45.57			
Midlothian	39.57	40.93	43.00	X		
Moray	46.94	35.26	43.89	✓		
North Ayrshire	45.28	46.19	47.58	X		
South Ayrshire	39.85	45.00	35.93	✓		
South Lanarkshire	46.19	39.79	41.07		✓	
Stirling	62.56	62.52	58.21	✓		
West Lothian	46.43	48.57	52.73			X
<b>Scotland</b>						
	45.63	46.94	50.43			

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	3
10-14%	1
>15%	-
<b>Decline</b>	
5-9%	3
10-14%	1
>15%	2

Data features for this Group	Symbol	00/01	01/02	02/03
PI not applicable	(-)	0	0	0
No service	(NS)	0	0	0

#### Notes

An underlined PI measurement indicates unreliable data.  
 Family groups were defined in consultation with councils and professional bodies.  
 All Scotland figures above cover all councils rather than those in the group.

**The following councils were ranked 25th or below in 2000/01:**

Clackmannanshire  
 East Ayrshire  
 Stirling

**The following councils did not make any material improvement in their performance by 2002/03:**

Clackmannanshire  
 East Ayrshire

## Environmental services

### Group C

Refuse collection - the gross cost per property (£) of refuse collection

Group C - Urban councils		PI measurement			Better ✓ or worse X since 00/01		
		00/01	01/02	02/03	5-9%	10-14%	>15%
Aberdeen City		41.30	41.98	45.85	X		
Dundee City		46.98	47.65	55.70	X		
East Dunbartonshire		45.46	46.20	49.17	X		
City of Edinburgh		49.04	54.41	60.78	X		
Falkirk		35.29	37.60	39.61	X		
Glasgow City		49.42	<u>49.95</u>	54.26	X		
North Lanarkshire		46.80	49.11	52.07	X		
Renfrewshire		46.54	45.93	49.00	X		
West Dunbartonshire		41.47	41.58	48.87	X		
		<b>Scotland</b>					
		45.63	46.94	50.43			

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	-
10-14%	-
>15%	-
<b>Decline</b>	
5-9%	3
10-14%	3
>15%	3

Data features for this Group	Symbol	00/01	01/02	02/03
PI not applicable	(-)	0	0	0
No service	(NS)	0	0	0

#### Notes

An underlined PI measurement indicates unreliable data.

Family groups were defined in consultation with councils and professional bodies.

All Scotland figures above cover all councils rather than those in the group.

The following councils were ranked 25th or below in 2000/01:

None

The following councils did not make any material improvement in their performance by 2002/03:

None

## Environmental services

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### **Refuse collection – the gross cost per property (£) of refuse disposal**

This indicator shows how much it costs the council to dispose of refuse collected from domestic and commercial premises, and domestic bulky uplifts.

Refuse disposal includes the treatment of waste collected by the council and destined for final disposal in landfill. It involves:

- sorting, compacting, baling, shredding, composting, recycling and incineration.
- the operation of transfer-loading stations and the provision of civic amenity sites or skips
- any treatment of waste collected by the council and which is recycled.

### **Points to bear in mind**

The method of treatment and/or disposal may affect gross disposal costs depending on the process/procedure used. Councils using transfer stations for access to more distant landfills may have higher disposal costs than if collection vehicles had direct access to the landfill. In the former case however, the higher disposal cost might contribute to a lower comparable collection cost.

Some councils may have access to existing landfills that although unable to meet the standards prescribed by forthcoming legislation, have sufficient remaining capacity to provide lower disposal costs. In these cases the disposal costs will likely rise in the future when new, more expensive sites are required.

It is recognised that intermediary treatment such as shredding, baling, composting, etc, will attract higher costs as a result of the capital and running costs.

Some councils may generate income from recycled materials.

## Environmental services

### Group A

Refuse collection - the gross cost per property (£) of refuse disposal

Group A - Rural councils	PI measurement			Better ✓ or worse X since 00/01		
	00/01	01/02	02/03	5-9%	10-14%	>15%
Aberdeenshire	64.46	65.56	74.74			X
Argyll & Bute	61.09	119.99	118.88			X
Dumfries & Galloway	28.17	<u>50.80</u>	59.95			X
Eilean Siar	65.18	84.58	96.62			X
Highland	45.24	43.15	47.70	X		
Orkney Islands	101.87	98.77	102.77			
Perth & Kinross	65.16	72.57	78.27			X
Scottish Borders	32.72	33.88	40.32			X
Shetland Islands	76.53	63.90	105.37			X
<b>Scotland</b>						
	44.63	49.53	55.22			

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	-
10-14%	-
>15%	-
<b>Decline</b>	
5-9%	1
10-14%	-
>15%	7

Data features for this Group	Symbol	00/01	01/02	02/03
PI not applicable	(-)	0	0	0
No service	(NS)	0	0	0

#### Notes

An underlined PI measurement indicates unreliable data.

Family groups were defined in consultation with councils and professional bodies.

All Scotland figures above cover all councils rather than those in the group.

**The following councils were ranked 25th or below in 2000/01:**

Aberdeenshire  
Argyll & Bute  
Eilean Siar  
Orkney Islands  
Perth & Kinross  
Shetland Islands

**The following councils did not make any material improvement in their performance by 2002/03:**

Aberdeenshire  
Argyll & Bute  
Eilean Siar  
Orkney Islands  
Perth & Kinross  
Shetland Islands

## Environmental services

### Group B

Refuse collection - the gross cost per property (£) of refuse disposal

Group B - Mixed councils	PI measurement			Better ✓ or worse X since 00/01		
	00/01	01/02	02/03	5-9%	10-14%	>15%
Angus	37.16	50.58	57.42			X
Clackmannanshire	52.81	42.52	56.6	X		
East Ayrshire	50.03	51.07	56.38		X	
East Lothian	44.95	46.3	50.8		X	
East Renfrewshire	42.28	45.94	50.35			X
Fife	45.33	50.75	45.92			
Inverclyde	36.23	36.26	38.94	X		
Midlothian	35.31	37.23	43.32			X
Moray	58.41	48.74	70.39			X
North Ayrshire	31.03	36.22	33.89	X		
South Ayrshire	39.88	42.42	49.92			X
South Lanarkshire	36.50	37.68	38.77	X		
Stirling	42.20	47.00	48.68			X
West Lothian	41.32	43.2	51.64			X
<b>Scotland</b>						
	44.63	49.53	55.22			

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	-
10-14%	-
>15%	-
<b>Decline</b>	
5-9%	4
10-14%	2
>15%	8

Data features for this Group	Symbol	00/01	01/02	02/03
PI not applicable	(-)	0	0	0
No service	(NS)	0	0	0

#### Notes

An underlined PI measurement indicates unreliable data.  
 Family groups were defined in consultation with councils and professional bodies.  
 All Scotland figures above cover all councils rather than those in the group.

The following councils were ranked 25th or below in 2000/01:

Moray

The following councils did not make any material improvement in their performance by 2002/03:

Moray

## Environmental services

### Group C

Refuse collection - the gross cost per property (£) of refuse disposal

Group C - Urban councils		PI measurement			Better ✓ or worse X since 00/01		
		00/01	01/02	02/03	5-9%	10-14%	>15%
Aberdeen City		41.37	50.87	55.53			X
Dundee City		60.31	68.34	72.88			X
East Dunbartonshire		44.45	47.27	47.92	X		
City of Edinburgh		38.38	43.91	52.97			X
Falkirk		46.13	49.87	51.53		X	
Glasgow City		52.33	<u>52.29</u>	57.91		X	
North Lanarkshire		31.36	41.06	52.52			X
Renfrewshire		37.19	44.66	47.11			X
West Dunbartonshire		31.45	40.73	43.82			X
		<b>Scotland</b>					
		44.63	49.53	55.22			

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	-
10-14%	-
>15%	-
<b>Decline</b>	
5-9%	1
10-14%	2
>15%	6

Data features for this Group	Symbol	00/01	01/02	02/03
PI not applicable	(-)	0	0	0
No service	(NS)	0	0	0

#### Notes

An underlined PI measurement indicates unreliable data.

Family groups were defined in consultation with councils and professional bodies.

All Scotland figures above cover all councils rather than those in the group.

**The following councils were ranked 25th or below in 2000/01:**

Dundee City

**The following councils did not make any material improvement in their performance by 2002/03:**

Dundee City



## Environmental services

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### **Refuse collection – the percentage of special uplifts of bulky domestic refuse completed within five days**

Most councils offer a special uplift service, within clearly specified timescales, for the purpose of uplifting bulky domestic refuse which would not normally be uplifted as part of the routine refuse collection service.

### **Points to bear in mind**

The indicator reflects the existence of a special uplift service (as opposed to it being part of the standard service), and the proportion of uplifts carried out within a national benchmark time of five days.

## Environmental services

### Refuse collection - the percentage of special uplifts of bulky domestic refuse completed within five days

Council	Rank in 02/03		PI measurement			Better ✓ or worse X since 00/01		
	1-32	✓1-8 X 25-32	00/01	01/02	02/03	5-9%	10-14%	>15%
Aberdeen City	15		89.1	90.9	87.1			
Aberdeenshire	10		94.6	93.7	94.4			
Angus	7	✓	94.2	93.4	97.0			
Argyll & Bute	23		80.3	75.5	71.8		X	
Clackmannanshire	13		90.4	95.1	90.4			
Dumfries & Galloway	24		98.9	<u>95.3</u>	71.6			X
Dundee City	2	✓	99.0	99.4	99.2			
East Ayrshire	6	✓	98.4	98.1	97.8			
East Dunbartonshire	30	X	29.2	53.1	44.2			✓
East Lothian	22		47.2	64.0	74.6			✓
East Renfrewshire	4	✓	93.4	83.0	98.3	✓		
City of Edinburgh	31	X	5.7	22.4	21.0			✓
Eilean Siar	20		82.4	82.7	81.2			
Falkirk	28	X	99.0	72.4	58.4			X
Fife	18		64.4	66.3	81.6			✓
Glasgow City	12		92.6	82.2	93.3			
Highland	24		Note	96.7	66.8			
Inverclyde	17		93.6	95.9	82.2		X	
Midlothian	14		32.1	37.5	90.1			✓
Moray	26	X	72.6	63.4	60.7			X
North Ayrshire	3	✓	97.7	98.6	99.0			
North Lanarkshire	21		80.5	89.2	80.9			
Orkney Islands	29	X	65.6	48.4	47.9			X
Perth & Kinross	1	✓	98.5	97.5	99.6			
Renfrewshire	8	✓	96.3	97.2	95.8			
Scottish Borders	11		94.4	92.9	93.4			
Shetland Islands	NS		NS	NS	NS			
South Ayrshire	18		82.3	82.0	81.6			
South Lanarkshire	9		87.5	94.2	95.1	✓		
Stirling	16		75.2	85.9	82.4	✓		
West Dunbartonshire	27	X	58.8	72.4	60.2			
West Lothian	4	✓	92.8	97.4	98.3	✓		
			<b>Scotland</b>					
			77.7	79.2	78.6			

Ranked performance	00/01	01/02	02/03
Highest ranked performance	99.0	99.4	99.6
Upper quartile	94.6	95.6	95.5
Median	89.8	89.2	82.4
Lower quartile	73.3	72.4	71.7
Lowest ranked performance	5.7	22.4	21.0

Data features	Symbol	00/01	01/02	02/03
PI not applicable	(-)	0	0	0
No service	(NS)	1	1	1

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	4
10-14%	-
>15%	5
<b>Decline</b>	
5-9%	-
10-14%	2
>15%	4

#### Notes

An underlined PI measurement indicates unreliable data.  
Highland has computed their performance on a sub-area basis so single, whole-council figures cannot be included here.

## Environmental services

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### Refuse collection - the percentage of special uplifts of bulky domestic refuse completed within five days

The following councils were ranked 25th or below in 2000/01:

East Dunbartonshire  
East Lothian  
City of Edinburgh  
Fife  
Midlothian  
West Dunbartonshire

The following councils did not make any material improvement in their performance by 2002/03:

West Dunbartonshire

### **Refuse recycling –the percentage of household, commercial and industrial waste that is recycled**

The indicator shows the proportion of household, commercial and industrial waste that is recycled.

The European Commission landfill directive sets targets for the amount of biodegradable municipal waste going to landfill. The first of these targets is that by 2006 the amount of biodegradable municipal waste that a council sends to landfill must be reduced to three-quarters of the 1995 level. Therefore, councils will need to find alternative methods of disposing of refuse, and recycling will become an even higher priority.

The Scottish Executive has set two targets for local authorities:

- to increase the amount of waste that is recycled or composted to 25% by 2006
- to reduce landfilling of biodegradable waste to 1.5 million tonnes by 2006.

### **Points to bear in mind**

Methods used to recycle waste include:

- composting centrally by the authority
- ash recycled following incineration
- other recycling or recovery methods.

In some cases councils estimate the weight of waste because they have no direct weighing facility.

## Environmental services

Recycling - of the household, commercial and industrial waste collected by the authority, the percentage that was recycled

Council	Rank in 02/03		PI measurement			Better ✓ or worse ✗ since 00/01		
	1-32	✓1-8 ✗ 25-32	00/01	01/02	02/03	5-9%	10-14%	>15%
Aberdeen City	20		-	5.7	7.5			
Aberdeenshire	7	✓	-	17.0	13.0			
Angus	1	✓	-	20.3	24.3			
Argyll & Bute	17		-	7.7	9.1			
Clackmannanshire	22		-	4.4	6.6			
Dumfries & Galloway	31	✗	-	<u>3.5</u>	3.6			
Dundee City	2	✓	-	21.1	21.9			
East Ayrshire	28	✗	-	4.0	5.0			
East Dunbartonshire	13		-	7.7	10.4			
East Lothian	11		-	5.6	11.6			
East Renfrewshire	4	✓	-	12.2	14.5			
City of Edinburgh	19		-	5.0	7.7			
Eilean Siar	28	✗	-	1.9	5.0			
Falkirk	21		-	5.6	6.8			
Fife	27	✗	-	2.2	5.2			
Glasgow City	24		-	4.8	6.2			
Highland	32	✗	-	2.0	3.5			
Inverclyde	25	✗	-	4.0	5.8			
Midlothian	30	✗	-	3.8	4.1			
Moray	10		-	6.6	12.2			
North Ayrshire	9		-	5.8	12.3			
North Lanarkshire	5	✓	-	7.3	13.8			
Orkney Islands	6	✓	-	16.0	13.3			
Perth & Kinross	3	✓	-	15.8	17.7			
Renfrewshire	18		-	5.0	8.4			
Scottish Borders	16		-	13.6	9.7			
Shetland Islands	26	✗	-	10.3	5.6			
South Ayrshire	12		-	5.1	10.7			
South Lanarkshire	8	✓	-	11.1	12.4			
Stirling	14		-	8.4	10.2			
West Dunbartonshire	22		-	6.1	6.6			
West Lothian	15		-	5.8	9.8			
			<b>Scotland</b>					
			-	7.4	9.6			

Ranked performance	00/01	01/02	02/03
Highest ranked performance	-	21.1	24.3
Upper quartile	-	10.5	12.3
Median	-	5.8	9.4
Lower quartile	-	4.7	6.1
Lowest ranked performance	-	1.9	3.5

Data features	Symbol	00/01	01/02	02/03
PI not applicable	(-)	32	0	0
No service	(NS)	0	0	0

Count of councils showing significant change since 2000/01	
<b>Improvement</b>	
5-9%	-
10-14%	-
>15%	-
<b>Decline</b>	
5-9%	-
10-14%	-
>15%	-

### Notes

An underlined PI measurement indicates unreliable data.