

Waste management

Refuse collection – the net 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.

Waste management

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

| Group A - Rural councils | PI measurement | | | Better ✓ or worse X since 05/06 | | |
|--------------------------|----------------|-------|-------|---------------------------------|--------|------|
| | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeenshire | 33.63 | 52.25 | 53.85 | | | X |
| Argyll & Bute | 58.10 | 80.03 | 85.07 | | | X |
| Dumfries & Galloway | 61.65 | 65.95 | 63.37 | | | |
| Eilean Siar | 46.03 | 56.85 | 54.38 | | | X |
| Highland | 53.46 | 67.08 | 68.71 | | | X |
| Orkney Islands | 76.04 | 65.80 | 51.52 | | | ✓ |
| Perth & Kinross | 30.66 | 29.73 | 34.16 | | X | |
| Scottish Borders | 60.15 | 69.86 | 67.17 | | X | |
| Shetland Islands | 70.50 | 67.01 | 76.89 | X | | |
| Group Average | | | | | | |
| | 49.09 | 59.88 | 60.79 | | | |
| Scotland | | | | | | |
| | 53.76 | 58.10 | 60.85 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | - |
| 10-14% | - |
| >15% | 1 |
| Decline | |
| 5-9% | 1 |
| 10-14% | 2 |
| >15% | 4 |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| 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.

Waste management

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

| Group B - Mixed councils | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|--------------------------|----------------|--------|--------|---------------------------------|--------|-------|
| | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Angus | 51.10 | 55.17 | 55.73 | ✗ | | |
| Clackmannanshire | 66.28 | 67.29 | 68.56 | | | |
| East Ayrshire | 75.65 | 59.54 | 59.51 | ✓ | | |
| East Lothian | 67.67 | 73.60 | 71.88 | ✗ | | |
| East Renfrewshire | 70.55 | 83.18 | 82.89 | ✗ | | |
| Fife | 44.65 | 55.43 | 68.59 | ✗ | | |
| Inverclyde | 43.01 | 42.38 | 36.37 | ✓ | | |
| Midlothian | 104.48 | 93.95 | 93.37 | ✓ | | |
| Moray | 39.19 | 43.98 | 49.59 | ✗ | | |
| North Ayrshire | 68.40 | 72.23 | 70.37 | | | |
| South Ayrshire | 42.20 | 55.81 | 57.60 | ✗ | | |
| South Lanarkshire | 57.65 | 60.91 | 56.69 | | | |
| Stirling | 108.77 | 101.28 | 105.82 | | | |
| West Lothian | 65.53 | 70.61 | 72.59 | ✗ | | |
| Group Average | | | | | | |
| | | | | 60.37 | 64.06 | 66.14 |
| Scotland | | | | | | |
| | | | | 53.76 | 58.10 | 60.85 |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | - |
| 10-14% | 1 |
| >15% | 2 |
| Decline | |
| 5-9% | 2 |
| 10-14% | 1 |
| >15% | 4 |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| 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.

Waste management

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

| Group C - Urban councils | | PI measurement | | | Better ✓ or worse X since 05/06 | | |
|--------------------------|--|----------------------|-------|-------|---------------------------------|--------|------|
| | | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeen City | | 56.47 | 55.00 | 66.63 | | | X |
| Dundee City | | 48.90 | 56.06 | 57.38 | | | X |
| East Dunbartonshire | | 59.49 | 84.89 | 85.87 | | | X |
| City of Edinburgh | | 67.32 | 66.71 | 64.12 | | | |
| Falkirk | | 58.93 | 52.60 | 54.31 | ✓ | | |
| Glasgow City | | 38.32 | 40.15 | 52.69 | | | X |
| North Lanarkshire | | 46.49 | 44.25 | 43.19 | ✓ | | |
| Renfrewshire | | 42.49 | 53.38 | 54.64 | | | X |
| West Dunbartonshire | | 42.32 | 47.29 | 43.66 | | | |
| | | Group Average | | | | | |
| | | 50.66 | 52.63 | 56.72 | | | |
| | | Scotland | | | | | |
| | | 53.76 | 58.10 | 60.85 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | 2 |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | 5 |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| 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.

Waste management

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

The following councils were ranked 25th or below in 2005/06:

East Ayrshire
East Lothian
East Renfrewshire
Midlothian
North Ayrshire
Orkney Islands
Shetland Islands
Stirling

The following councils did not make any material improvement in their performance by 2007/08:

East Lothian
East Renfrewshire
North Ayrshire
Shetland Islands
Stirling

Waste management

Refuse collection – the net 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.

Between 2005/6 and 2007/8 the cost of landfill tax rose from £18 per tonne to £24 per tonne. This increase will have directly affected the ability of councils to reduce their refuse disposal costs.

Waste management

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

| Group A - Rural councils | PI measurement | | | Better ✓ or worse X since 05/06 | | |
|--------------------------|----------------|--------|--------|---------------------------------|--------|------|
| | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeenshire | 79.36 | 115.12 | 103.70 | | | X |
| Argyll & Bute | 110.62 | 128.91 | 135.86 | | | X |
| Dumfries & Galloway | 83.72 | 98.98 | 111.44 | | | X |
| Eilean Siar | 76.15 | 135.74 | 165.12 | | | X |
| Highland | 139.91 | 132.31 | 133.55 | | | |
| Orkney Islands | 83.08 | 87.89 | 84.74 | | | |
| Perth & Kinross | 74.49 | 83.00 | 86.04 | | | X |
| Scottish Borders | 33.50 | 34.13 | 40.54 | | | X |
| Shetland Islands | 71.11 | 63.96 | 55.64 | | | ✓ |
| Group Average | | | | | | |
| | 90.54 | 103.48 | 105.59 | | | |
| Scotland | | | | | | |
| | 63.18 | 70.16 | 73.61 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | - |
| 10-14% | - |
| >15% | 1 |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | 6 |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| 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.

Waste management

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

| Group B - Mixed councils | PI measurement | | | Better ✓ or worse X since 05/06 | | |
|--------------------------|----------------|-------|-------|---------------------------------|--------|------|
| | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Angus | 47.71 | 53.96 | 66.23 | | | X |
| Clackmannanshire | 68.45 | 74.06 | 77.53 | | X | |
| East Ayrshire | 57.59 | 76.51 | 78.91 | | | X |
| East Lothian | 62.46 | 66.12 | 64.58 | | | |
| East Renfrewshire | 56.50 | 65.33 | 71.68 | | | X |
| Fife | 49.10 | 62.63 | 58.04 | | | X |
| Inverclyde | 65.74 | 65.62 | 70.59 | X | | |
| Midlothian | 48.49 | 55.62 | 60.75 | | | X |
| Moray | 80.66 | 86.22 | 78.19 | | | |
| North Ayrshire | 47.69 | 57.18 | 63.79 | | | X |
| South Ayrshire | 71.80 | 65.31 | 65.50 | ✓ | | |
| South Lanarkshire | 59.15 | 64.09 | 65.54 | | X | |
| Stirling | 77.59 | 64.95 | 71.01 | ✓ | | |
| West Lothian | 64.03 | 69.19 | 75.24 | | | X |
| Group Average | | | | | | |
| | 58.82 | 65.26 | 67.13 | | | |
| Scotland | | | | | | |
| | 63.18 | 70.16 | 73.61 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | 2 |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | 1 |
| 10-14% | 2 |
| >15% | 7 |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| 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.

Waste management

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

| Group C - Urban councils | PI measurement | | | Better ✓ or worse X since 05/06 | | |
|--------------------------|----------------|-------|-------|---------------------------------|--------|------|
| | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeen City | 62.86 | 68.37 | 64.71 | | | |
| Dundee City | 75.79 | 78.27 | 82.11 | X | | |
| East Dunbartonshire | 52.34 | 65.22 | 66.12 | | | X |
| City of Edinburgh | 61.92 | 56.34 | 59.44 | | | |
| Falkirk | 55.53 | 59.56 | 56.17 | | | |
| Glasgow City | 42.66 | 54.17 | 57.98 | | | X |
| North Lanarkshire | 47.50 | 53.77 | 65.76 | | | X |
| Renfrewshire | 57.65 | 59.98 | 91.41 | | | X |
| West Dunbartonshire | 49.12 | 57.13 | 56.56 | | | X |
| Group Average | | | | | | |
| | 54.25 | 59.05 | 64.34 | | | |
| Scotland | | | | | | |
| | 63.18 | 70.16 | 73.61 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | 1 |
| 10-14% | - |
| >15% | 5 |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| 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.

Waste management

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

The following councils were ranked 25th or below in 2005/06:

Aberdeenshire
Argyll & Bute
Dumfries & Galloway
Eilian Siar
Highland
Moray
Orkney Islands
Stirling

The following councils did not make any material improvement in their performance by 2007/08:

Aberdeenshire
Argyll & Bute
Dumfries & Galloway
Eilian Siar
Highland
Moray
Orkney Islands

Waste management

Refuse collection - the number of complaints per 1,000 households

For a service such as refuse collection, complaints can be seen as a direct measure of the extent to which householders express dissatisfaction with the service they receive.

This indicator shows the recorded incidence of complaints to the council arising from its refuse collection service. These may be due to missed collections or other matters such as spillage of refuse or complaints about an operative's attitude.

Points to bear in mind

Complaints relating to council policy on, for example, type of containers, collection frequency, no public holiday collections, are not included.

Waste management

Refuse collection - the number of complaints per 1,000 households

| Council | Rank in 07/08 | | PI measurement | | | Better ✓ or worse X since 05/06 | | |
|---------------------|---------------|-----------------|-----------------|------------|-------|---------------------------------|--------|------|
| | 1-32 | ✓1-8 X 25-32 | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeen City | 18 | | 14.8 | 28.8 | 34.2 | | | X |
| Aberdeenshire | 19 | | 10.9 | 27.8 | 34.3 | | | X |
| Angus | 21 | | 34.1 | 47.4 | 43.0 | | | X |
| Argyll & Bute | 4 | ✓ | 13.8 | 6.5 | 4.3 | | | ✓ |
| Clackmannanshire | 28 | X | 93.0 | 84.5 | 59.7 | | | ✓ |
| Dumfries & Galloway | 1 | ✓ | 3.4 | 0.6 | 1.3 | | | ✓ |
| Dundee City | 12 | | 18.6 | 17.3 | 18.5 | | | |
| East Ayrshire | 16 | | 33.4 | 27.8 | 29.0 | | ✓ | |
| East Dunbartonshire | 20 | | 42.1 | 47.3 | 36.6 | | ✓ | |
| East Lothian | 13 | | 15.8 | 15.2 | 19.0 | | | X |
| East Renfrewshire | 10 | | 20.2 | 13.4 | 18.0 | | ✓ | |
| City of Edinburgh | 27 | X | 68.3 | 53.8 | 54.3 | | | ✓ |
| Eilean Siar | 2 | ✓ | 1.2 | 2.8 | 1.4 | | | X |
| Falkirk | 29 | X | 87.7 | 84.4 | 83.5 | | | |
| Fife | 26 | X | 11.4 | 30.2 | 52.4 | | | X |
| Glasgow City | 25 | X | 44.8 | 41.3 | 50.2 | | X | |
| Highland | 5 | ✓ | 21.6 | <u>6.0</u> | 6.2 | | | ✓ |
| Inverclyde | 13 | | <u>1.6</u> | 16.0 | 19.0 | | | |
| Midlothian | 22 | | 23.1 | 22.9 | 45.1 | | | X |
| Moray | 8 | ✓ | 26.7 | 17.3 | 8.2 | | | ✓ |
| North Ayrshire | 17 | | 27.0 | 25.5 | 32.3 | | | X |
| North Lanarkshire | 23 | | 34.6 | 38.8 | 45.5 | | | X |
| Orkney Islands | 7 | ✓ | 3.8 | 1.1 | 6.3 | | | X |
| Perth & Kinross | 9 | | 13.7 | 12.9 | 9.8 | | | ✓ |
| Renfrewshire | 5 | ✓ | 14.8 | 2.8 | 6.2 | | | ✓ |
| Scottish Borders | 11 | | 31.1 | 28.8 | 18.3 | | | ✓ |
| Shetland Islands | 3 | ✓ | 0.5 | 0.0 | 2.0 | | | X |
| South Ayrshire | 24 | | 18.1 | 41.3 | 49.3 | | | X |
| South Lanarkshire | 30 | X | 97.8 | 117.3 | 102.8 | X | | |
| Stirling | 31 | X | 114.0 | 100.2 | 109.6 | | | |
| West Dunbartonshire | 15 | | 16.4 | 28.2 | 27.0 | | | X |
| | | | Scotland | | | | | |
| | | | 38.6 | 40.0 | 40.5 | | | |

| Ranked performance | 05/06 | 06/07 | 07/08 |
|----------------------------|-------|-------|-------|
| Highest ranked performance | 0.5 | 0.0 | 1.3 |
| Upper quartile | 13.8 | 13.2 | 9.0 |
| Median | 20.2 | 27.8 | 29.0 |
| Lower quartile | 34.4 | 41.3 | 47.4 |
| Lowest ranked performance | 114.0 | 117.3 | 109.6 |

| Data features | Symbol | 05/06 | 06/07 | 07/08 |
|-------------------|--------|-------|-------|-------|
| PI not applicable | (-) | 0 | 0 | 0 |
| No service | (NS) | 0 | 0 | 0 |

| Count of councils showing significant change since 2005/06 | | |
|--|----|--|
| Improvement | | |
| 5-9% | - | |
| 10-14% | 3 | |
| >15% | 9 | |
| Decline | | |
| 5-9% | 1 | |
| 10-14% | 1 | |
| >15% | 13 | |

Unreliable/Unreported Data in 2007/2008

| Council | 05/06 | 06/07 | 07/08 |
|--------------|-------|-------|-------------|
| West Lothian | 98.7 | 68.5 | <u>84.3</u> |

Reason for Unreliable Determination in 2007/2008

West Lothian - The Council changed its Computer System during the year to readily identify its complaints. Unfortunately, the information for missed bin collections was not readily ascertainable.

Notes

An underlined PI measurement indicates unreliable data.

Waste management

Refuse collection - the number of complaints per 1,000 households

The following councils were ranked 25th or below in 2005/06:

Clackmannanshire
City of Edinburgh
Falkirk
Glasgow City
South Lanarkshire
Stirling

The following councils did not make any material improvement in their performance by 2007/08:

Falkirk
Glasgow City
South Lanarkshire
Stirling

Waste management

Refuse recycling –the percentage of municipal waste that is recycled

The indicator shows the proportion of municipal waste that is recycled or composted. Municipal waste includes waste from households and commercial premises, civic amenity sites, street and beach cleaning, parks/gardens and collection of fly tipped waste.

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 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.

The indicator excludes home composting.

Waste management

Recycling - of the municipal waste collected by the authority, the percentage that was recycled

| Council | Rank in 07/08 | | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|---------------------|---------------|-----------------|-----------------|-------|-------|---------------------------------|--------|------|
| | 1-32 | ✓1-8 ✗ 25-32 | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeen City | 29 | ✗ | 19.1 | 21.5 | 22.2 | | | ✓ |
| Aberdeenshire | 24 | | 15.2 | 21.2 | 30.3 | | | ✓ |
| Angus | 14 | | 32.1 | 30.2 | 34.7 | ✓ | | |
| Argyll & Bute | 12 | | 25.2 | 33.4 | 34.8 | | | ✓ |
| Clackmannanshire | 3 | ✓ | 40.1 | 43.6 | 42.2 | ✓ | | |
| Dumfries & Galloway | 21 | | 10.4 | 23.2 | 31.1 | | | ✓ |
| Dundee City | 17 | | 30.9 | 31.0 | 33.0 | ✓ | | |
| East Ayrshire | 4 | ✓ | 32.7 | 36.6 | 41.8 | | | ✓ |
| East Dunbartonshire | 19 | | 26.4 | 31.9 | 32.2 | | | ✓ |
| East Lothian | 11 | | 27.5 | 32.6 | 35.4 | | | ✓ |
| East Renfrewshire | 13 | | 30.4 | 31.0 | 34.8 | | ✓ | |
| City of Edinburgh | 27 | ✗ | 21.6 | 24.3 | 27.2 | | | ✓ |
| Eilean Siar | 30 | ✗ | 14.1 | 17.0 | 20.8 | | | ✓ |
| Falkirk | 8 | ✓ | 30.1 | 35.0 | 36.0 | | | ✓ |
| Fife | 5 | ✓ | 29.7 | 32.5 | 39.1 | | | ✓ |
| Glasgow City | 32 | ✗ | 15.7 | 16.8 | 18.1 | | ✓ | |
| Highland | 23 | | 19.9 | 26.1 | 30.7 | | | ✓ |
| Inverclyde | 28 | ✗ | 19.2 | 20.1 | 22.8 | | | ✓ |
| Midlothian | 10 | | 21.9 | 31.8 | 35.7 | | | ✓ |
| Moray | 1 | ✓ | 30.9 | 38.4 | 44.0 | | | ✓ |
| North Ayrshire | 22 | | 25.8 | 25.8 | 31.1 | | | ✓ |
| North Lanarkshire | 20 | | 28.1 | 27.7 | 31.4 | | ✓ | |
| Orkney Islands | 26 | ✗ | 22.7 | 27.6 | 28.7 | | | ✓ |
| Perth & Kinross | 9 | | 33.3 | 34.0 | 35.9 | ✓ | | |
| Renfrewshire | 25 | ✗ | 24.5 | 28.2 | 30.1 | | | ✓ |
| Scottish Borders | 16 | | 16.0 | 28.3 | 33.5 | | | ✓ |
| Shetland Islands | 31 | ✗ | 10.8 | 17.3 | 19.2 | | | ✓ |
| South Ayrshire | 2 | ✓ | 36.9 | 39.3 | 43.1 | | | ✓ |
| South Lanarkshire | 7 | ✓ | 33.4 | 35.4 | 36.9 | | ✓ | |
| Stirling | 6 | ✓ | 32.7 | 36.0 | 38.7 | | | ✓ |
| West Dunbartonshire | 18 | | 19.0 | 32.0 | 32.4 | | | ✓ |
| West Lothian | 15 | | 27.7 | 34.5 | 34.2 | | | ✓ |
| | | | Scotland | | | | | |
| | | | 24.7 | 28.4 | 31.7 | | | |

| Ranked performance | 05/06 | 06/07 | 07/08 |
|----------------------------|-------|-------|-------|
| Highest ranked performance | 40.1 | 43.6 | 44.0 |
| Upper quartile | 30.9 | 34.1 | 35.9 |
| Median | 26.1 | 31.0 | 33.3 |
| Lower quartile | 19.2 | 25.4 | 30.2 |
| Lowest ranked performance | 10.4 | 16.8 | 18.1 |

| Data features | Symbol | 05/06 | 06/07 | 07/08 |
|-------------------|--------|-------|-------|-------|
| PI not applicable | (-) | 0 | 0 | 0 |
| No service | (NS) | 0 | 0 | 0 |

| Count of councils showing significant change since 2005/06 | |
|--|----|
| Improvement | |
| 5-9% | 4 |
| 10-14% | 4 |
| >15% | 24 |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |

Notes

An underlined PI measurement indicates unreliable data.

Waste management

Recycling - of the municipal waste collected by the authority, the percentage that was recycled

The following councils were ranked 25th or below in 2005/06:

Aberdeen City
Aberdeenshire
Dumfries & Galloway
Eilian Siar
Glasgow City
Scottish Borders
Shetland Islands
West Dunbartonshire

The following councils did not make any material improvement in their performance by 2007/08:

None

Waste management

Cleanliness - overall cleanliness index achieved

The indicator shows the cleanliness index of a local authority's streets and other relevant land measured against criteria developed by Keep Scotland Beautiful. The index provides an indication of the standards of cleanliness in a council's area.

Cleanliness is a measure based on the amount of litter (eg smoking related, sweet wrappers, drinks related, fast food packaging and animal faeces). Weeds and detritus (eg sand, silt and other debris) do not form part of the cleanliness index.

The measurement process known as the 'local environmental audit and management system' is used by all councils and provides a consistent survey methodology and protocol for calculating the cleanliness index.

Interpretation

Various factors will affect overall street cleanliness within a council's area. These will include:

- council policy on the balance between litter picking and street sweeping.
- the availability of litter bins, especially in town centres.
- actions and campaigns to raise the awareness and education of the public to the problems associated with cleanliness and in particular dog fouling.
- the adoption and implementation of enforcement powers available to councils.

Waste management

Cleanliness - overall cleanliness index achieved

| Group A - Rural councils | | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|--------------------------|--|----------------------|-------|-------|---------------------------------|--------|------|
| | | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeenshire | | 70 | FTR | 73 | | | |
| Argyll & Bute | | 71 | 70 | 71 | | | |
| Dumfries & Galloway | | 72 | 72 | 73 | | | |
| Eilean Siar | | 77 | 78 | 75 | | | |
| Highland | | 73 | 71 | 75 | | | |
| Orkney Islands | | 73 | 74 | 74 | | | |
| Perth & Kinross | | 72 | 72 | 79 | ✓ | | |
| Scottish Borders | | 70 | 72 | 74 | ✓ | | |
| Shetland Islands | | 75 | FTR | 79 | ✓ | | |
| | | Group Average | | | | | |
| | | 73 | 73 | 75 | | | |
| | | Scotland | | | | | |
| | | 70 | 71 | 73 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | 3 |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| 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.

Waste management

Cleanliness - overall cleanliness index achieved

| Group B - Mixed councils | | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|--------------------------|--|----------------------|-------|-------|---------------------------------|--------|------|
| | | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Angus | | 72 | 72 | 74 | | | |
| Clackmannanshire | | 67 | 71 | 77 | | ✓ | |
| East Ayrshire | | 69 | 70 | 71 | | | |
| East Lothian | | 70 | 71 | 73 | | | |
| East Renfrewshire | | 71 | 74 | 73 | | | |
| Fife | | 68 | 71 | 72 | ✓ | | |
| Inverclyde | | 69 | 72 | 73 | ✓ | | |
| Midlothian | | 69 | 70 | 73 | ✓ | | |
| Moray | | 78 | 72 | 77 | | | |
| North Ayrshire | | 69 | 69 | 70 | | | |
| South Ayrshire | | 69 | 67 | 66 | | | |
| South Lanarkshire | | 72 | 73 | 74 | | | |
| Stirling | | 69 | 68 | 67 | | | |
| West Lothian | | 72 | 71 | 68 | | | ✗ |
| | | Group Average | | | | | |
| | | 70 | 71 | 72 | | | |
| | | Scotland | | | | | |
| | | 70 | 71 | 73 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | 3 |
| 10-14% | 1 |
| >15% | - |
| Decline | |
| 5-9% | 1 |
| 10-14% | - |
| >15% | - |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| PI not applicable | (-) | 0 | 0 | 0 |
| No service | (NS) | 0 | 0 | 0 |

Notes

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

Waste management

Cleanliness - overall cleanliness index achieved

| Group C - Urban councils | | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|--------------------------|--|----------------------|-------|-------|---------------------------------|--------|------|
| | | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeen City | | 67 | 69 | 72 | ✓ | | |
| Dundee City | | 69 | 74 | 72 | | | |
| East Dunbartonshire | | 69 | 71 | 71 | | | |
| City of Edinburgh | | 65 | 64 | 71 | ✓ | | |
| Falkirk | | 66 | 72 | 70 | ✓ | | |
| Glasgow City | | 66 | 67 | 68 | | | |
| North Lanarkshire | | 72 | 71 | 76 | ✓ | | |
| Renfrewshire | | 68 | 70 | 68 | | | |
| West Dunbartonshire | | 72 | 71 | 73 | | | |
| | | Group Average | | | | | |
| | | 68 | 70 | 71 | | | |
| | | Scotland | | | | | |
| | | 70 | 71 | 73 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | 4 |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| PI not applicable | (-) | 0 | 0 | 0 |
| No service | (NS) | 0 | 0 | 0 |

Notes

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Waste management

Cleanliness - overall cleanliness index achieved

The following councils were ranked 25th or below in 2005/06:

Aberdeen City
Clackmannanshire
City of Edinburgh
Falkirk
Fife
Glasgow City
Renfrewshire

The following councils did not make any material improvement in their performance by 2007/08:

Glasgow City
Renfrewshire

Waste management

Abandoned vehicles - the percentage of abandoned vehicles to be removed by the council that were removed within 14 days.

This indicator reports the percentage of abandoned vehicles made known to the council that were removed within 14 calendar days.

The Refuse Disposal (Amenity) Act 1978 placed a duty on councils to remove abandoned vehicles and this duty was reinforced as an explicit concern in both 'A Partnership for a Better Scotland' and the Scottish Executive's anti-social behaviour agenda. Also, the treatment and standards set by the European Union End of Life Vehicles Directive came into force in Scotland in 2004 and these regulations require that vehicles be scrapped and recycled to high standards, protecting the environment and increasing the sustainable use of materials.

The Directive makes provision for the majority of these costs to be the producer's responsibility for new cars, and from 2007 for all cars that are scrapped. However, the cost of disposing of most vehicles scrapped before 2007 will need to be met by the last owner, which gives rise to a concern that there could be additional pressure on the number of abandoned vehicles.

Interpretation

The removal of abandoned vehicles is dependent on the council working with its partners. The police have an important role to play and councils will want to ensure that procedures are in place which minimise delay in the removal of abandoned vehicles.

Waste management

Abandoned Vehicles - proportion of abandoned vehicles removed within 14 days

| Group A - Rural councils | | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|--------------------------|--|----------------------|--------------|-------|---------------------------------|--------|------|
| | | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeenshire | | - | 85.1 | 78.2 | | | |
| Argyll & Bute | | - | 95.0 | 95.7 | | | |
| Dumfries & Galloway | | - | 91.5 | 71.4 | | | |
| Eilean Siar | | - | 100.0 | 63.6 | | | |
| Highland | | - | <u>21.9</u> | 54.8 | | | |
| Orkney Islands | | - | 0.0 | 0.0 | | | |
| Perth & Kinross | | - | 70.0 | 54.5 | | | |
| Scottish Borders | | - | 96.4 | 97.3 | | | |
| Shetland Islands | | - | <u>100.0</u> | 1.3 | | | |
| | | Group Average | | | | | |
| | | - | 86.7 | 76.4 | | | |
| | | Scotland | | | | | |
| | | - | 86.1 | 81.9 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| PI not applicable | (-) | 9 | 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.

Waste management

Abandoned Vehicles - proportion of abandoned vehicles removed within 14 days

| Group B - Mixed councils | | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|--------------------------|--|----------------------|--------------|-------|---------------------------------|--------|------|
| | | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Angus | | - | <u>100.0</u> | 68.8 | | | |
| Clackmannanshire | | - | 56.0 | 66.7 | | | |
| East Ayrshire | | - | 83.5 | 82.2 | | | |
| East Lothian | | - | 98.9 | 100.0 | | | |
| East Renfrewshire | | - | 57.1 | 78.6 | | | |
| Fife | | - | 56.9 | 58.5 | | | |
| Inverclyde | | - | 100.0 | 95.8 | | | |
| Midlothian | | - | 100.0 | 100.0 | | | |
| Moray | | - | 79.4 | 90.9 | | | |
| North Ayrshire | | - | 70.8 | 90.0 | | | |
| South Ayrshire | | - | <u>100.0</u> | 25.4 | | | |
| South Lanarkshire | | - | 68.2 | 89.9 | | | |
| Stirling | | - | 100.0 | 100.0 | | | |
| West Lothian | | - | 80.0 | 81.8 | | | |
| | | Group Average | | | | | |
| | | - | 83.8 | 89.5 | | | |
| | | Scotland | | | | | |
| | | - | 86.1 | 81.9 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| PI not applicable | (-) | 14 | 0 | 0 |
| No service | (NS) | 0 | 0 | 0 |

Notes

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Waste management

Abandoned Vehicles - proportion of abandoned vehicles removed within 14 days

| Group C - Urban councils | | PI measurement | | | Better ✓ or worse ✗ since 05/06 | | |
|--------------------------|--|----------------------|-------|-------|---------------------------------|--------|------|
| | | 05/06 | 06/07 | 07/08 | 5-9% | 10-14% | >15% |
| Aberdeen City | | - | 88.4 | 89.7 | | | |
| Dundee City | | - | 92.5 | 89.7 | | | |
| East Dunbartonshire | | - | 54.7 | 52.1 | | | |
| City of Edinburgh | | - | 49.7 | 85.3 | | | |
| Falkirk | | - | 85.2 | 89.4 | | | |
| Glasgow City | | - | 90.5 | 83.0 | | | |
| North Lanarkshire | | - | 97.9 | 97.9 | | | |
| Renfrewshire | | - | 21.7 | 25.0 | | | |
| West Dunbartonshire | | - | 95.1 | 100.0 | | | |
| | | Group Average | | | | | |
| | | - | 87.3 | 87.3 | | | |
| | | Scotland | | | | | |
| | | - | 86.1 | 81.9 | | | |

| Count of councils showing significant change since 2005/06 | |
|--|---|
| Improvement | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |
| Decline | |
| 5-9% | - |
| 10-14% | - |
| >15% | - |

| Data features for this Group | Symbol | 05/06 | 06/07 | 07/08 |
|------------------------------|--------|-------|-------|-------|
| PI not applicable | (-) | 9 | 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.