

Roads and lighting

Network maintenance

1. Carriageway surface treatments:

	% of network covered
a) Surfacing	
b) Surface dressing	

What the indicator reports

This indicator identifies the extent to which the two types of work are undertaken in relation to the length of the whole network maintained by each authority. It also provides an indicative frequency of treatment (eg surfacing 5% of the network implies a 20-year coverage rate). Year on year comparison will enable any improvement or deterioration in this rate to be identified.

Surfacing includes all reconstruction, overlay, and planing and resurfacing work designed to improve the structural strength of the carriageway.

Surface dressing includes those coatings designed primarily to seal and extend the life of the current carriageway structure and to improve the resistance to skidding.

Points to bear in mind

Factors which will affect a council's policy on the level of expenditure for this activity include:

- past investment in carriageways
- the condition of the carriageway
- patterns of carriageway use (eg the volume of traffic and proportion of heavier vehicles, both of which affect the rate of wear and tear on road surfaces)
- the qualities, costs and availability of different surfacing materials.

Repairs response

2. Traffic light failure: percentage of repairs completed within 48 hours.

What the indicator reports

The indicator reports the percentage of repairs by councils completed within 48 hours. The actual repair work may be carried out by a private contractor.

Points to bear in mind

Councils' targets for repair times may be expressed in working hours, and so may exclude weekends and night time (eg a target of 24 hours may comprise three 8-hour working days).

3. Street lights failure: the percentage of repairs completed within 7 days

What the indicator reports

The indicator reports the percentage of repairs that were completed within 7 days.

Roads and lighting

Street lighting:

4. The gross cost of street lighting per lamp and the number of lighting column replaced expressed as a percentage of the total number of columns.

What the indicator reports

The first part of the indicator shows the gross cost of street lighting expressed as a cost per lamp. Factors that will influence lighting costs include:

- a council's policy on bulk versus burn to extinction
- the extent of bulk cleaning and inspection of lighting units
- regional electricity charges
- a council's policy on the percentage of lamps that should be lit.

The second part of the indicator shows the lighting columns that are replaced each year expressed as a percentage of the total number of columns. This indicator should provide an indication of a council's investment in replacement of older lighting units.

Points to bear in mind

Costs may vary depending on which type of lighting the council uses, for example, high pressure sodium lighting is likely to be more expensive than some other forms of lighting, but high pressure sodium is regarded as providing a better quality of lighting.

The numbers of lighting columns replaced are those within a planned replacement programme or columns replaced as a result of disrepair or vandalism. It does not include new lighting columns.

Roads and lighting

Roads & Lighting	Indicator 1					
	Percentage of road network resurfaced			Percentage of road network surface dressed		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	0.9%	0.2%	0.7%	0.3%	0.7%	0.6%
Aberdeenshire	1.0%	1.0%	1.0%	4.0%	4.0%	4.4%
Angus	0.2%	0.4%	1.4%	0.9%	0.4%	1.8%
Argyll & Bute	0.9%	0.8%	1.5%	2.7%	4.4%	4.3%
Clackmannanshire	0.9%	0.1%	0.1%	2.0%	0.2%	0.3%
Dumfries & Galloway	0.7%	1.4%	1.2%	4.5%	4.1%	5.8%
Dundee City	0.8%	0.7%	1.1%	0.6%	0.9%	1.2%
East Ayrshire	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
East Dunbartonshire	2.3%	1.2%	2.0%	0.0%	0.0%	0.5%
East Lothian	0.9%	1.2%	2.5%	1.3%	2.2%	2.6%
East Renfrewshire	0.5%	0.6%	3.2%	0.7%	0.5%	0.2%
Edinburgh, City of	0.2%	0.5%	1.1%	0.1%	0.0%	1.2%
Eilean Siar	1.9%	2.2%	3.2%	4.8%	3.2%	4.6%
Falkirk	0.6%	0.2%	0.5%	0.8%	0.9%	0.8%
Fife	0.6%	0.8%	0.9%	1.8%	1.6%	3.1%
Glasgow City	2.7%	2.2%	5.2%	0.9%	0.3%	0.0%
Highland	0.8%	0.6%	1.2%	5.2%	2.3%	3.4%
Inverclyde	1.2%	2.0%	3.2%	0.4%	0.0%	0.2%
Midlothian	0.5%	0.5%	1.0%	1.0%	0.4%	1.4%
Moray	1.4%	1.7%	2.0%	2.2%	2.0%	3.5%
North Ayrshire	0.8%	2.6%	3.4%	1.4%	0.0%	0.0%
North Lanarkshire	1.5%	2.2%	2.6%	0.0%	1.2%	1.6%
Orkney Islands	2.7%	2.7%	2.4%	12.2%	11.9%	11.1%
Perth & Kinross	0.7%	1.2%	1.3%	3.2%	2.7%	3.1%
Renfrewshire	2.4%	2.2%	2.9%	0.4%	0.0%	0.0%
Scottish Borders	0.6%	0.3%	0.6%	2.7%	2.4%	1.7%
Shetland Islands	1.8%	1.3%	2.1%	13.9%	7.3%	10.3%
South Ayrshire	0.6%	0.6%	4.7%	3.4%	2.1%	1.8%
South Lanarkshire	1.8%	2.4%	3.3%	0.0%	0.0%	0.0%
Stirling	1.0%	0.4%	0.9%	0.3%	0.0%	0.1%
West Dunbartonshire	1.8%	3.6%	2.3%	2.0%	0.0%	0.9%
West Lothian	0.8%	0.8%	1.6%	1.9%	2.1%	1.9%

Roads and lighting

Roads & Lighting	Indicator 1			Indicator 2	
	Percentage of road network surfaced or redressed			Total number of traffic light repairs to be completed	
	2000/2001	2001/2002	2002/2003	2001/2002	2002/2003
Aberdeen City	1.2%	0.9%	1.3%	1,085	1,028
Aberdeenshire	5.0%	5.0%	5.4%	81	68
Angus	1.1%	0.8%	3.2%	186	204
Argyll & Bute	3.6%	5.2%	5.8%	30	66
Clackmannanshire	2.9%	0.3%	0.4%	31	19
Dumfries & Galloway	5.2%	5.5%	7.0%	292	228
Dundee City	1.4%	1.6%	2.3%	335	378
East Ayrshire	2.0%	2.0%	2.0%	257	186
East Dunbartonshire	2.3%	1.2%	2.5%	510	372
East Lothian	2.2%	3.4%	5.1%	67	64
East Renfrewshire	1.2%	1.1%	3.4%	217	251
Edinburgh, City of	0.3%	0.5%	2.3%	1,806	2,131
Eilean Siar	6.7%	5.4%	7.8%	22	18
Falkirk	1.4%	1.1%	1.3%	83	98
Fife	2.4%	2.4%	4.0%	604	569
Glasgow City	3.6%	2.5%	5.2%	10,799	12,799
Highland	6.0%	2.9%	4.6%	306	238
Inverclyde	1.6%	2.0%	3.4%	25	47
Midlothian	1.5%	0.9%	2.4%	120	71
Moray	3.6%	3.7%	5.5%	27	4
North Ayrshire	2.2%	2.6%	3.4%	96	121
North Lanarkshire	1.5%	3.4%	4.2%	1,431	1,210
Orkney Islands	14.9%	14.6%	13.5%	No Service	No Service
Perth & Kinross	3.9%	3.9%	4.4%	352	342
Renfrewshire	2.8%	2.2%	2.9%	507	574
Scottish Borders	3.3%	2.7%	2.3%	19	18
Shetland Islands	15.7%	8.6%	12.4%	15	11
South Ayrshire	4.0%	2.7%	6.5%	255	175
South Lanarkshire	1.8%	2.4%	3.3%	886	443
Stirling	1.3%	0.4%	1.0%	32	39
West Dunbartonshire	3.8%	3.6%	3.2%	242	283
West Lothian	2.7%	2.9%	3.5%	173	255
20,891				22,299	

Roads and lighting

Roads & Lighting	Indicator 2			Indicator 3	
	Percentage of all traffic light repairs completed within 48 hours			Total number of street light repairs to be completed	
	2000/2001	2001/2002	2002/2003	2001/2002	2002/2003
Aberdeen City	98.0%	93.7%	94.6%	12,691	10,777
Aberdeenshire	98.0%	98.8%	91.2%	8,452	9,081
Angus	96.0%	96.2%	94.1%	5,885	6,136
Argyll & Bute	95.0%	90.0%	95.5%	3,242	3,389
Clackmannanshire	100.0%	93.5%	89.5%	1,809	1,967
Dumfries & Galloway	80.0%	86.3%	82.9%	7,189	7,935
Dundee City	100.0%	99.1%	98.9%	9,595	8,337
East Ayrshire	71.0%	89.9%	86.0%	5,386	6,060
East Dunbartonshire	86.0%	84.5%	83.3%	3,903	4,741
East Lothian	100.0%	98.5%	98.4%	2,477	2,002
East Renfrewshire	90.0%	87.1%	80.1%	4,478	3,330
Edinburgh, City of	97.0%	96.7%	97.1%	27,287	29,356
Eilean Siar	83.0%	100.0%	94.4%	196	124
Falkirk	97.0%	91.6%	93.9%	6,349	7,382
Fife	91.0%	93.0%	82.6%	21,377	27,161
Glasgow City	79.0%	85.1%	88.1%	35,707	27,955
Highland	96.0%	100.0%	100.0%	8,971	7,635
Inverclyde	100.0%	92.0%	72.3%	3,925	4,125
Midlothian	100.0%	98.3%	94.4%	2,061	2,531
Moray	88.0%	100.0%	100.0%	4,523	4,841
North Ayrshire	81.0%	86.5%	83.5%	6,508	5,922
North Lanarkshire	69.0%	63.3%	80.5%	20,211	23,478
Orkney Islands	No Service	No Service	No Service	674	585
Perth & Kinross	87.0%	90.6%	85.1%	6,185	6,730
Renfrewshire	91.0%	90.7%	91.5%	11,781	9,967
Scottish Borders	97.0%	94.7%	100.0%	7,243	8,040
Shetland Islands	87.0%	86.7%	36.4%	130	113
South Ayrshire	84.0%	94.1%	95.4%	1,295	5,194
South Lanarkshire	86.0%	87.5%	82.6%	14,722	17,828
Stirling	94.0%	93.8%	97.4%	1,316	1,070
West Dunbartonshire	83.0%	81.4%	89.0%	3,309	2,892
West Lothian	98.0%	92.5%	93.3%	13,607	12,425
	83.8%	89.0%	89.0%	262,484	269,109

Roads and lighting

Roads & Lighting	Indicator 3		
	Percentage of all street light repairs completed within 7 days		
	2000/2001	2001/2002	2002/2003
Aberdeen City	84.0%	90.5%	86.4%
Aberdeenshire	88.0%	72.0%	70.0%
Angus	96.0%	89.7%	75.7%
Argyll & Bute	90.0%	80.4%	91.3%
Clackmannanshire	80.0%	89.7%	89.5%
Dumfries & Galloway	87.0%	80.9%	79.1%
Dundee City	97.0%	98.2%	97.9%
East Ayrshire	97.0%	93.7%	98.3%
East Dunbartonshire	97.0%	95.3%	93.3%
East Lothian	Not Reported	77.2%	91.9%
East Renfrewshire	100.0%	95.8%	99.0%
Edinburgh, City of	77.0%	85.1%	84.6%
Eilean Siar	Not Reported	92.9%	79.0%
Falkirk	98.0%	96.9%	96.8%
Fife	91.0%	91.3%	85.4%
Glasgow City	90.0%	94.8%	97.0%
Highland	98.0%	98.3%	96.7%
Inverclyde	71.0%	80.0%	90.2%
Midlothian	82.0%	86.8%	77.5%
Moray	96.0%	97.2%	97.4%
North Ayrshire	96.0%	89.9%	95.8%
North Lanarkshire	83.0%	81.2%	93.1%
Orkney Islands	80.0%	81.6%	86.5%
Perth & Kinross	98.0%	98.5%	98.5%
Renfrewshire	87.0%	89.7%	97.1%
Scottish Borders	92.0%	93.0%	86.1%
Shetland Islands	77.0%	80.0%	77.0%
South Ayrshire	94.0%	92.6%	97.1%
South Lanarkshire	98.0%	99.1%	99.4%
Stirling	85.0%	88.8%	89.7%
West Dunbartonshire	98.0%	94.2%	93.6%
West Lothian	93.0%	95.1%	93.7%
	89.6%	90.6%	90.9%

Roads and lighting

Roads & Lighting	Indicator 4					
	Gross cost of street lighting per lamp			Lighting columns replaced as a percentage of the total number of columns		
	2000/2001	2001/2002	2002/2003	2000/2001	2001/2002	2002/2003
Aberdeen City	£52.66	£60.28	£73.86	1.6%	0.5%	1.7%
Aberdeenshire	£29.86	£31.30	£38.52	1.0%	1.0%	1.2%
Angus	£94.77	£101.54	£78.82	1.4%	1.1%	1.6%
Argyll & Bute	£64.33	£67.94	£95.93	1.3%	1.7%	2.5%
Clackmannanshire	£51.73	£73.60	£83.93	3.6%	9.9%	2.1%
Dumfries & Galloway	£39.95	£43.51	£40.62	0.3%	1.5%	1.6%
Dundee City	£68.13	£75.33	£75.14	1.1%	1.0%	1.1%
East Ayrshire	£96.42	£99.32	£92.22	3.0%	2.5%	2.9%
East Dunbartonshire	£71.93	£73.97	£80.61	2.1%	3.4%	2.7%
East Lothian	£32.12	£54.06	£61.42	0.2%	0.3%	0.2%
East Renfrewshire	£70.73	£64.22	£80.24	1.2%	2.1%	2.0%
Edinburgh, City of	£48.54	£57.06	£69.01	0.6%	1.1%	1.1%
Eilean Siar	£48.57	£55.10	£46.64	1.3%	0.9%	0.7%
Falkirk	£43.18	£70.65	£78.29	2.4%	2.2%	2.4%
Fife	£54.65	£61.17	£67.47	0.8%	1.1%	1.2%
Glasgow City	£124.14	£127.57	£113.83	0.7%	1.2%	0.8%
Highland	£50.33	£52.09	£55.22	0.9%	0.6%	0.9%
Inverclyde	£86.21	£89.44	£101.56	2.0%	1.2%	2.8%
Midlothian	£46.67	£52.62	£62.83	1.3%	2.0%	1.6%
Moray	£39.92	£43.75	£42.42	1.7%	1.8%	1.2%
North Ayrshire	£71.42	£87.58	£86.69	1.8%	2.7%	1.4%
North Lanarkshire	£35.36	£106.90	£122.83	1.4%	2.0%	2.6%
Orkney Islands	£63.45	£77.68	£224.89	0.2%	0.4%	5.1%
Perth & Kinross	£63.67	£69.65	£68.89	1.3%	1.4%	1.0%
Renfrewshire	£75.97	£81.61	£65.64	2.1%	1.5%	1.3%
Scottish Borders	£42.31	£42.98	£38.23	0.1%	0.7%	1.4%
Shetland Islands	£54.67	£57.57	£122.12	1.0%	1.0%	0.5%
South Ayrshire	£64.66	£82.99	£76.00	1.8%	2.0%	3.1%
South Lanarkshire	£63.83	£60.82	£65.26	1.9%	1.3%	2.2%
Stirling	£49.06	£46.93	£69.71	1.8%	2.4%	2.1%
West Dunbartonshire	£48.31	£50.01	£50.25	0.8%	0.5%	1.0%
West Lothian	£48.57	£74.53	£68.77	1.8%	2.0%	1.1%
	£60.76	£72.46	£75.82	1.3%	1.5%	1.6%