

## Roads and lighting

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### **Carriageway condition - percentage of network that should be considered for maintenance treatment**

This indicator shows the percentage of the road network that should be considered for maintenance treatment. This means that there is likely to be some defect in the condition of the road, but councils will need to carry out further detailed investigation and plan their programme having considered other factors including the impact on spending provision, user delays and safety concerns.

The indicator is derived from a combination of road surface condition parameters covering rutting, profile, texture and cracking (A roads only) which are collated into a single network level index and assessed against nationally agreed standards.

The indicator is measured on the basis of a survey covering all classes of roads for which the council is responsible.

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

The condition of roads will be affected by:

- Budgetary constraints
- Traffic flows/usage
- Weather patterns

## Roads and lighting

### Carriageway condition - percentage of network that should be considered for maintenance treatment

Council	Rank in 03/04		PI measurement			Better ✓ or worse ✗ since 01/02		
	1-32	✓1-8 ✗ 25-32	01/02	02/03	03/04	5-9%	10-14%	>15%
Aberdeen City	14		-	-	46.0			
Aberdeenshire	3	✓	-	-	33.8			
Angus	4	✓	-	-	34.5			
Argyll & Bute	20		-	-	49.3			
Clackmannanshire	30	✗	-	-	58.6			
Dumfries & Galloway	12		-	-	44.9			
Dundee City	16		-	-	47.0			
East Ayrshire	25	✗	-	-	53.8			
East Dunbartonshire	17		-	-	47.2			
East Lothian	9		-	-	42.4			
East Renfrewshire	27	✗	-	-	55.4			
City of Edinburgh	32	✗	-	-	62.3			
Eilean Siar	5	✓	-	-	36.1			
Falkirk	10		-	-	44.5			
Fife	14		-	-	46.0			
Glasgow City	21		-	-	49.6			
Highland	6	✓	-	-	38.9			
Inverclyde	29	✗	-	-	55.6			
Midlothian	7	✓	-	-	39.2			
Moray	13		-	-	45.4			
North Ayrshire	22		-	-	50.1			
North Lanarkshire	23		-	-	52.9			
Orkney Islands	2	✓	-	-	32.0			
Perth & Kinross	11		-	-	44.7			
Renfrewshire	26	✗	-	-	54.1			
Scottish Borders	19		-	-	48.0			
Shetland Islands	8	✓	-	-	40.7			
South Ayrshire	27	✗	-	-	55.4			
South Lanarkshire	24		-	-	53.5			
Stirling	31	✗	-	-	59.1			
West Dunbartonshire	17		-	-	47.2			
West Lothian	1	✓	-	-	23.0			
			<b>Scotland</b>					
			-	-	44.8			

Ranked performance	01/02	02/03	03/04
Highest ranked performance	-	-	23.0
Upper quartile	-	-	42.0
Median	-	-	47.1
Lower quartile	-	-	53.6
Lowest ranked performance	-	-	62.3

Data features	Symbol	01/02	02/03	03/04
PI not applicable	(-)	32	32	0
No service	(NS)	0	0	0

Count of councils showing significant change since 2001/02	
<b>Improvement</b>	
5-9%	-
10-14%	-
>15%	-
<b>Decline</b>	
5-9%	-
10-14%	-
>15%	-

#### Notes

An underlined PI measurement indicates unreliable data.

## Roads and lighting

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### **Traffic light repairs – the percentage of repairs completed within 48 hours**

The indicator shows the percentage of all repairs to traffic lights, undertaken within 48 hours of notification to the council. The indicator measures elapsed hours rather than working or contract hours.

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

The actual repair work is often carried out by a contractor, and in such cases it is the contractor's performance that is, in part, being measured. However, it is the council's responsibility as the client to ensure that a contractor's performance is satisfactory. Councils' own targets for repair times may be expressed in working days, and so may exclude weekends.

Some councils operate a 24 hour fault notification centre and reported performance for such councils may show a lower performance level compared with other councils as repair time commences when the fault is notified to the council even if it is not in a position to notify its contractor at that time.

## Roads and lighting

### Traffic light repairs - the percentage of repairs completed within 48 hours

Council	Rank in 03/04		PI measurement			Better ✓ or worse ✗ since 01/02		
	1-32	✓1-8 ✗ 25-32	01/02	02/03	03/04	5-9%	10-14%	>15%
Aberdeen City	12		93.7	94.6	93.9			
Aberdeenshire	23		98.8	91.2	88.2		✗	
Angus	10		96.2	94.1	94.4			
Argyll & Bute	1	✓	90.0	95.5	100.0		✓	
Clackmannanshire	22		93.5	89.5	88.9			
Dumfries & Galloway	25	✗	86.3	82.9	83.6			
Dundee City	1	✓	99.1	98.9	100.0			
East Ayrshire	26	✗	89.9	86.0	80.1		✗	
East Dunbartonshire	29	✗	84.5	83.3	70.0			✗
East Lothian	11		98.5	98.4	94.3			
East Renfrewshire	17		87.1	80.1	91.3			
City of Edinburgh	5	✓	96.7	97.1	99.1			
Eilean Siar	24		100.0	94.4	84.6			✗
Falkirk	20		91.6	93.9	90.0			
Fife	30	✗	93.0	82.6	68.1			✗
Glasgow City	9		85.1	88.1	95.6		✓	
Highland	6	✓	100.0	100.0	97.8			
Inverclyde	28	✗	92.0	72.3	75.9			✗
Midlothian	15		98.3	94.4	91.8	✗		
Moray	1	✓	100.0	100.0	100.0			
North Ayrshire	21		86.5	83.5	89.0			
North Lanarkshire	8	✓	63.3	80.5	96.2			✓
Orkney Islands	NS		NS	NS	NS			
Perth & Kinross	7	✓	90.6	85.1	97.1	✓		
Renfrewshire	16		90.7	91.5	91.5			
Scottish Borders	1	✓	94.7	100.0	100.0	✓		
Shetland Islands	31	✗	86.7	<u>36.4</u>	0.0			✗
South Ayrshire	26	✗	94.1	95.4	80.1		✗	
South Lanarkshire	13		87.5	82.6	93.4	✓		
Stirling	19		93.8	97.4	90.5			
West Dunbartonshire	18		81.4	89.0	91.2		✓	
West Lothian	14		92.5	93.3	93.0			
			<b>Scotland</b>					
			86.7	89.0	93.0			

Ranked performance	01/02	02/03	03/04
Highest ranked performance	100.0	100.0	100.0
Upper quartile	96.5	95.5	95.9
Median	92.5	91.5	91.5
Lower quartile	87.3	83.4	86.4
Lowest ranked performance	63.3	36.4	0.0

Data features	Symbol	01/02	02/03	03/04
PI not applicable	(-)	0	0	0
No service	(NS)	1	1	1

Count of councils showing significant change since 2001/02	
<b>Improvement</b>	
5-9%	3
10-14%	3
>15%	1
<b>Decline</b>	
5-9%	1
10-14%	3
>15%	5

#### Notes

An underlined PI measurement indicates unreliable data.

## Roads and lighting

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### Traffic light repairs - the percentage of repairs completed within 48 hours

**The following councils were ranked 25th or below in 2001/02:**

Dumfries & Galloway  
East Dunbartonshire  
Glasgow City  
North Ayrshire  
North Lanarkshire  
Shetland Islands  
West Dunbartonshire

**The following councils did not make any material improvement in their performance by 2003/04:**

Dumfries & Galloway  
East Dunbartonshire  
North Ayrshire  
Shetland Islands

## **Roads and lighting**

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### **Street lights – the percentage of repairs completed within seven days**

The indicator shows the percentage of all repairs undertaken within seven days of notification to the council.

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

The actual repair work is often carried out by a contractor, and in such cases it is the contractor's performance that is, in part, being measured. However, it is the council's responsibility, as the client, to ensure that a contractor's performance is satisfactory.

## Roads and lighting

### Street light repairs - the percentage of repairs completed within seven days

Council	Rank in 03/04		PI measurement			Better ✓ or worse ✗ since 01/02		
	1-32	✓1-8 ✗ 25-32	01/02	02/03	03/04	5-9%	10-14%	>15%
Aberdeen City	22		90.5	86.4	93.0			
Aberdeenshire	24		72.0	70.0	91.8			✓
Angus	29	✗	89.7	75.7	79.1		✗	
Argyll & Bute	21		80.4	91.3	93.1			✓
Clackmannanshire	25	✗	89.7	89.5	91.0			
Dumfries & Galloway	30	✗	80.9	79.1	77.8			
Dundee City	10		98.2	97.9	97.5			
East Ayrshire	12		93.7	98.3	97.2			
East Dunbartonshire	9		95.3	93.3	97.7			
East Lothian	7	✓	77.2	91.9	98.1			✓
East Renfrewshire	3	✓	95.8	99.0	98.5			
City of Edinburgh	27	✗	85.1	84.6	87.1			
Eilean Siar	14		92.9	79.0	96.3			
Falkirk	18		96.9	96.8	94.8			
Fife	17		91.3	85.4	94.9			
Glasgow City	2	✓	94.8	97.0	98.8			
Highland	11		98.3	96.7	97.4			
Inverclyde	23		80.0	90.2	92.7			✓
Midlothian	26	✗	86.8	77.5	90.3			
Moray	13		97.2	97.4	97.1			
North Ayrshire	31	✗	89.9	95.8	70.1			✗
North Lanarkshire	8	✓	81.2	93.1	97.8			✓
Orkney Islands	19		81.6	86.5	93.4		✓	
Perth & Kinross	5	✓	98.5	98.5	98.2			
Renfrewshire	3	✓	89.7	97.1	98.5	✓		
Scottish Borders	28	✗	93.0	86.1	84.0	✗		
Shetland Islands	32	✗	80.0	77.0	63.3			✗
South Ayrshire	15		92.6	97.1	95.9			
South Lanarkshire	1	✓	99.1	99.4	99.6			
Stirling	19		88.8	89.7	93.4	✓		
West Dunbartonshire	5	✓	94.2	93.6	98.2			
West Lothian	16		95.1	93.7	95.2			
			<b>Scotland</b>					
			90.6	90.9	93.9			

Ranked performance	01/02	02/03	03/04
Highest ranked performance	99.1	99.4	99.6
Upper quartile	95.2	97.0	97.7
Median	90.9	92.5	95.1
Lower quartile	84.2	85.9	91.6
Lowest ranked performance	72.0	70.0	63.3

Data features	Symbol	01/02	02/03	03/04
PI not applicable	(-)	0	0	0
No service	(NS)	0	0	0

Count of councils showing significant change since 2001/02	
<b>Improvement</b>	
5-9%	2
10-14%	1
>15%	5
<b>Decline</b>	
5-9%	1
10-14%	1
>15%	2

#### Notes

An underlined PI measurement indicates unreliable data.

## Roads and lighting

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### Street light repairs - the percentage of repairs completed within seven days

**The following councils were ranked 25th or below in 2001/02:**

Aberdeenshire  
Argyll & Bute  
Dumfries & Galloway  
East Lothian  
Inverclyde  
North Lanarkshire  
Orkney Islands  
Shetland Islands

**The following councils did not make any material improvement in their performance by 2003/04:**

Dumfries & Galloway  
Shetland Islands