

Roads and lighting

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 and texture (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 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	1	✓	-	-	21.8			
Aberdeenshire	5	✓	-	-	26.8			
Angus	8	✓	-	-	30.3			
Argyll & Bute	32	✗	-	-	57.4			
Clackmannanshire	16		-	-	38.5			
Dumfries & Galloway	27	✗	-	-	46.5			
Dundee City	4	✓	-	-	25.2			
East Ayrshire	24		-	-	43.5			
East Dunbartonshire	31	✗	-	-	48.6			
East Lothian	14		-	-	35.9			
East Renfrewshire	30	✗	-	-	48.1			
City of Edinburgh	17		-	-	38.7			
Eilean Siar	28	✗	-	-	47.3			
Falkirk	12		-	-	35.0			
Fife	13		-	-	35.2			
Glasgow City	3	✓	-	-	24.9			
Highland	18		-	-	39.2			
Inverclyde	26	✗	-	-	45.4			
Midlothian	20		-	-	40.0			
Moray	7	✓	-	-	28.2			
North Ayrshire	23		-	-	41.4			
North Lanarkshire	11		-	-	34.2			
Orkney Islands	2	✓	-	-	24.5			
Perth & Kinross	15		-	-	36.4			
Renfrewshire	10		-	-	33.9			
Scottish Borders	22		-	-	40.9			
Shetland Islands	21		-	-	40.2			
South Ayrshire	25	✗	-	-	45.1			
South Lanarkshire	18		-	-	39.2			
Stirling	29	✗	-	-	47.5			
West Dunbartonshire	9		-	-	31.7			
West Lothian	5	✓	-	-	26.8			
			Scotland					
			-	-	37.4			

Ranked performance	05/06	06/07	07/08
Highest ranked performance	-	-	21.8
Upper quartile	-	-	31.4
Median	-	-	38.6
Lower quartile	-	-	43.9
Lowest ranked performance	-	-	57.4

Data features	Symbol	05/06	06/07	07/08
PI not applicable	(-)	32	32	0
No service	(NS)	0	0	0

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

Notes

An underlined PI measurement indicates unreliable data.

Roads and lighting

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 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	8	✓	97.3	93.6	98.0			
Aberdeenshire	23		93.0	87.2	89.5			
Angus	11		95.4	96.2	97.0			
Argyll & Bute	1	✓	95.2	100.0	100.0	✓		
Clackmannanshire	25	✗	100.0	90.9	88.0		✗	
Dumfries & Galloway	26	✗	82.2	74.0	87.0	✓		
Dundee City	4	✓	96.8	100.0	99.0			
East Ayrshire	7	✓	91.9	96.5	98.6	✓		
East Dunbartonshire	30	✗	67.0	66.7	63.1	✗		
East Lothian	3	✓	96.1	97.3	99.2			
East Renfrewshire	16		93.1	94.0	94.4			
City of Edinburgh	5	✓	98.1	99.0	98.7			
Eilean Siar	21		90.9	94.1	91.7			
Falkirk	15		88.4	90.6	94.5	✓		
Fife	9		91.6	97.7	97.9	✓		
Glasgow City	13		96.4	97.3	96.1			
Highland	18		92.9	89.3	94.0			
Inverclyde	11		83.1	93.0	97.0			✓
Midlothian	5	✓	97.9	97.9	98.7			
Moray	29	✗	100.0	85.7	70.6			✗
North Ayrshire	14		90.8	93.8	95.4	✓		
North Lanarkshire	27	✗	94.2	91.8	86.6	✗		
Orkney Islands	NS		NS	NS	NS			
Perth & Kinross	24		98.1	97.0	88.3	✗		
Renfrewshire	19		95.6	94.0	93.9			
Scottish Borders	20		87.5	87.0	92.6	✓		
Shetland Islands	31	✗	0.0	40.0	19.1			✓
South Ayrshire	16		95.6	94.7	94.4			
South Lanarkshire	10		96.3	97.6	97.7			
Stirling	28	✗	95.5	78.7	81.7		✗	
West Dunbartonshire	1	✓	89.2	100.0	100.0		✓	
West Lothian	22		91.9	92.3	91.6			
			Scotland					
			94.0	94.3	93.6			

Ranked performance	05/06	06/07	07/08
Highest ranked performance	100.0	100.0	100.0
Upper quartile	96.4	97.3	98.0
Median	94.2	94.0	94.4
Lower quartile	90.9	90.0	88.9
Lowest ranked performance	0.0	40.0	19.1

Data features	Symbol	05/06	06/07	07/08
PI not applicable	(-)	0	0	0
No service	(NS)	1	1	1

Count of councils showing significant change since 2005/06	
Improvement	
5-9%	7
10-14%	1
>15%	2
Decline	
5-9%	3
10-14%	2
>15%	1

Notes

An underlined PI measurement indicates unreliable data.

Roads and lighting

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

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

Dumfries & Galloway
East Dunbartonshire
Falkirk
Inverclyde
Scottish Borders
Shetland Islands
West Dunbartonshire

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

East Dunbartonshire

Roads and lighting

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 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	18		91.7	87.4	93.0			
Aberdeenshire	12		84.8	94.9	94.4		✓	
Angus	23		90.8	92.3	90.1			
Argyll & Bute	10		85.0	87.0	94.8		✓	
Clackmannanshire	28	✗	86.5	91.4	81.0	✗		
Dumfries & Galloway	22		78.6	85.3	90.4			✓
Dundee City	9		95.7	96.9	95.5			
East Ayrshire	8	✓	97.4	91.8	95.6			
East Dunbartonshire	29	✗	80.7	83.0	71.3		✗	
East Lothian	19		97.7	95.7	92.8	✗		
East Renfrewshire	4	✓	89.4	98.4	97.8	✓		
City of Edinburgh	14		89.9	92.7	93.5			
Eilean Siar	30	✗	92.8	89.3	70.7			✗
Falkirk	6	✓	93.8	96.2	97.1			
Fife	15		91.3	89.3	93.4			
Glasgow City	10		98.7	95.4	94.8			
Highland	17		98.2	91.9	93.3			
Inverclyde	21		82.5	97.6	91.2		✓	
Midlothian	26	✗	95.7	90.3	86.2	✗		
Moray	23		97.1	97.3	90.1	✗		
North Ayrshire	20		93.4	98.4	92.1			
North Lanarkshire	3	✓	97.7	98.3	98.2			
Orkney Islands	25	✗	84.9	80.4	87.8			
Perth & Kinross	5	✓	97.6	98.2	97.3			
Renfrewshire	27	✗	96.4	90.1	84.2		✗	
Scottish Borders	2	✓	88.4	87.4	98.5		✓	
Shetland Islands	31	✗	50.0	69.6	66.5			✓
South Ayrshire	13		93.0	94.0	93.7			
South Lanarkshire	1	✓	98.4	99.0	99.7			
Stirling	7	✓	82.2	91.4	96.0			✓
West Dunbartonshire	15		97.7	93.0	93.4			
			Scotland					
			93.5	93.2	93.8			

Ranked performance	05/06	06/07	07/08
Highest ranked performance	98.7	99.0	99.7
Upper quartile	97.3	96.6	95.6
Median	92.8	92.3	93.4
Lower quartile	85.8	89.3	90.1
Lowest ranked performance	50.0	69.6	66.5

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%	1
10-14%	4
>15%	3
Decline	
5-9%	4
10-14%	2
>15%	1

Unreliable/Unreported Data in 2007/2008

Council	05/06	06/07	07/08
West Lothian	89.0	82.7	<u>78.8</u>

Reason for Unreliable Determination in 2007/2008

West Lothian - The Council changed the Computer System used to record the number of failures and repairs during the year. The information maintained on this new system does not provide the relevant data as prescribed by SPI Guidance.

Notes

An underlined PI measurement indicates unreliable data.

Roads and lighting

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

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

Aberdeenshire
Argyll & Bute
Dumfries & Galloway
East Dunbartonshire
Inverclyde
Orkney Islands
Shetland Islands
Stirling

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

East Dunbartonshire
Orkney Islands

Roads and lighting

Road network restrictions - the percentage of council and private bridges assessed that failed to meet the European standard of 40 tonnes

EC Directive 96/53EC implemented in the UK on 1 January 1999 permits the use of 40 tonne vehicles (44 tonnes for certain configurations) on public roads. The indicator shows the proportion of an authority's bridges that have failed to meet the European standard. Councils with a high percentage of bridges that fail the standard are likely to experience restrictions on their network in the future unless sufficient investment is made to bring them up to an acceptable standard. This part of the indicator is a measure of the Councils weak bridges. Reduction in the value of the indicator with time will be a measure of how well the Council has obtained funding for and progressed with bridge strengthening.

Points to bear in mind

Bridges that do not meet the European standard will not necessarily have restrictions placed on them. They may be managed in the short term by monitoring, propping etc which would not cause restrictions on the road network. However, a high percentage of bridges failing the standard can reflect the potential for under strength bridges to cause restrictions on the network in the future.

Roads and lighting

Road network restrictions - the percentage of council and private bridges assessed that failed to meet the European standard of 40 tonnes

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	7	✓	6.7	5.2	4.6			✓
Aberdeenshire	15		8.9	7.9	7.3			✓
Angus	2	✓	0.4	0.4	0.3			✓
Argyll & Bute	9		4.8	4.5	4.9			
Clackmannanshire	19		12.9	10.1	8.7			✓
Dumfries & Galloway	1	✓	0.6	0.0	0.0			✓
Dundee City	28	✗	18.4	18.4	18.4			
East Ayrshire	21		7.3	5.1	10.7			✗
East Dunbartonshire	13		8.1	7.0	7.0		✓	
East Lothian	10		6.3	5.8	5.8	✓		
East Renfrewshire	4	✓	3.3	1.9	1.9			✓
City of Edinburgh	8	✓	11.8	4.5	4.8			✓
Eilean Siar	25	✗	10.5	12.1	15.8			✗
Falkirk	5	✓	3.1	3.1	2.5			✓
Fife	26	✗	17.7	16.2	16.3	✓		
Glasgow City	29	✗	27.5	27.5	21.6			✓
Highland	31	✗	32.4	31.0	30.8			
Inverclyde	27	✗	9.1	16.9	16.9			✗
Midlothian	17		9.3	8.2	8.2		✓	
Moray	12		6.9	5.9	5.9		✓	
North Ayrshire	24		14.4	14.3	13.9			
North Lanarkshire	22		11.1	11.4	10.8			
Perth & Kinross	20		10.9	10.2	9.7		✓	
Renfrewshire	18		11.6	10.1	8.5			✓
Scottish Borders	3	✓	0.7	0.7	0.6		✓	
Shetland Islands	23		FTR	14.3	12.2			
South Ayrshire	14		10.6	8.1	7.2			✓
South Lanarkshire	10		5.9	5.9	5.8			
Stirling	16		11.2	8.0	8.0			✓
West Dunbartonshire	30	✗	23.4	21.9	21.9	✓		
West Lothian	6	✓	3.9	3.0	3.0			✓
			Scotland					
			9.2	8.4	8.3			

Ranked performance	05/06	06/07	07/08
Highest ranked performance	0.4	0.0	0.0
Upper quartile	6.0	4.8	4.9
Median	9.2	8.0	8.0
Lower quartile	11.8	13.2	13.1
Lowest ranked performance	32.4	31.0	30.8

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%	3
10-14%	5
>15%	13
Decline	
5-9%	-
10-14%	-
>15%	3

Unreliable/Unreported Data in 2007/2008

Council	05/06	06/07	07/08
Orkney Islands	0.0	0.0	FTR

Notes

An underlined PI measurement indicates unreliable data.

Roads and lighting

Road network restrictions - the percentage of council and private bridges assessed that failed to meet the European standard of 40 tonnes

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

Clackmannanshire
Dundee City
Fife
Glasgow City
Highland
North Ayrshire
West Dunbartonshire

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

Dundee City
Highland
North Ayrshire