

Table 1: Alphabetically ordered Local Authorities, Bridge Maintenance data, GB, 2021/22

Local Authority	Number of bridges	Number of substandard bridges	Proportion of substandard bridges	Of which are intended to be returned to full load capacity in next 5 years	Of which, if no resource restrictions, that would be returned to full load carrying capacity	Backlog (workbank)*
Aberdeen City	147	4	3%	1	2	£ 4,000,000
Aberdeenshire	1,677	74	4%	10	74	£ 100,000
Angus	382	8	2%	0	5	
Argyll & Bute	902	27	3%	2	27	£ 24,326,643
Barking and Dagenham	70	3	4%	2	5	
Barnet	72	5	7%	1	4	
Barnsley	236	3	1%	1	3	
Bath and North East Somerset	166	10	6%	0	3	£ 900,000
Bedford	237	11	5%	1	8	
Bexley	66	4	6%	0	2	
Birmingham	417	7	2%	0	5	£ 19,012,000
Blackburn with Darwen	148	7	5%	1	5	£ 5,620,650
Blackpool	20	2	10%	0	2	
Blaenau Gwent	135	0	0%			£ 900,000
Bolton	128	0	0%	0	0	£ 71,588,611
Bournemouth, Christchurch, Poole	156	3	2%	0	1	
Bracknell Forest	85	1	1%	1	1	£ 63,817,593
Bradford	418	5	1%	0	0	£ 2,000,000
Brent	40	9	23%	3	9	
Bridgend	175	9.1	5%	1	5	
Brighton and Hove	67	0	0%	0	0	£ 3,000,000
Bristol	140	52	37%	0		
Bromley	148	3	2%	0	3	£ 2,373,000
Buckinghamshire	372	2	1%	0	2	£ 29,585,000
Bury	78	1	1%	1	1	
Caerphilly	117	8	7%	2	5	
Calderdale	286	5	2%	2	3	£ 40,000,000
Cambridgeshire	884	50	6%	2	17	£ 50,000,000
Camden	8	0	0%			£ 432,000
Cardiff	113	11	10%	2		£ 3,279,450
Carmarthenshire	799	50	6%		50	£ 9,800,000
Central Bedfordshire	284	12	4%	5	8	
Cheshire East	1,047	194	19%		0	£ 8,272,000
Cheshire West and Chester	350	6	2%	1	6	£ 41,000,000
City of London	53	1	2%	1	1	
Clackmannanshire	71	2	0%	0	0	£ 12,500,000
Conwy	278	57	21%		56	
Cornwall	1,009	98	10%	1	75	£ 5,916,816
County Durham	689	11	2%	1	1	£ 38,800,000
Coventry	294	7	2%	4	6	
Croydon	42	5	12%	2	5	£ 12,500,000
Cumbria	1,801	72	4%	0	21	
Darlington	106	6	6%	0	5	
Denbighshire	164	10	6%	6	10	£ 20,000,000
Derby	110	4	4%	1	3	£ 2,546,650
Derbyshire	1069	44	4%	3		
Devon	2,714	224	8%	3	83	
Doncaster	275	3	1%	0	3	£ 15,000,000
Dorset	891	6	0%	0	2	
Dudley	84	4	5%	3	4	£ 852,617
Dumfries & Galloway	740	10	1%	0	1	
Dundee City	31	4	13%	0	2	
Ealing	12	1	8%	1	1	
East Ayrshire	382	38	10%	6	36	£ 55,500,000
East Dunbartonshire	124	0	0%	0	0	
East Renfrewshire	130	6	5%	0	6	
East Riding of Yorkshire	485	30	6%	3	15	£ 3,024,422
East Sussex	927	4	0%	0	2	£ 18,245,460
Edinburgh	290	5	2%	0	5	£ 94,200,000
Enfield	192	0	0%	0	0	£ 6,000,000
Essex	981	151	15%	30	40	
Falkirk	224	8	4%	1	8	£ 14,500,000

Fife	397	48	12%	7	47	£	24,206,980
Flintshire	129	3	2%	0	3	£	1,500,000
Gateshead	112	0	0%	0	0	£	2,939,637
Glasgow City	182	9	5%	3	8	£	52,000,000
Gloucestershire	856	91	11%	6	91	£	38,885,211
Greenwich	31	1	3%	1	1	£	1,100,000
Gwynedd	631	18	3%	1	18	£	40,000,000
Hackney	14	0	0%			£	1,000,000
Halton	98	0	0%	0			
Hammersmith and Fulham	4	2	50%	1	2	£	160,000,000
Hampshire	1,346	20	1%	4	20	£	26,249,305
Haringey	42	0	0%				
Harrow	14	0	0%				
Havering	142	14	10%	5	10	£	900,000
Herefordshire	685	23	3%	3	23	£	18,000,000
Hertfordshire	1,067	58	5%	0	5	£	49,560,240
Highland	2,073	39	2%	1	39		
Hillingdon	102	12	12%	1	10		
Hounslow	26	3	12%	0			
Inverclyde	163	1	1%	0	1	£	1,584,636
Isle of Anglesey	145	0	0%				
Isle of Wight	148	0	0%				
Isles of Scilly	0						
Kensington and Chelsea	4	1	25%	0	0	£	-
Kent	966	36	4%	4		£	13,300,000
Kingston upon Hull	102	9	9%	4	9	£	85,000
Kirklees	312	16	5%	11	16	£	15,000,000
Knowsley	83	0	0%			£	3,131,700
Lambeth	8	0	0%				
Lancashire	1,481	78	5%		78	£	122,557,738
Leeds	304	8	3%	4	5	£	11,141,570
Leicester	134	3	2%	1	3	£	22,000,000
Leicestershire	708	8	1%	2	2	£	13,500,000
Lewisham	34	3	9%	0	8	£	200,000
Lincolnshire	1,529	4	0%	0	0	£	9,582,000
Luton	98	0	0%				
Manchester	290	0	0%				
Medway	26	2	8%	0	0	£	41,500,000
Merthyr Tydfil	37	4	11%	0		£	4,500,000
Merton	38	0	0%			£	621,000
Middlesbrough	38	1	3%	1		£	12,310,000
Midlothian	149	2	1%	0	2	£	5,250,000
Milton Keynes	619	1	0%	1	1	£	18,511,000
Monmouthshire	400	22	6%	3	4	£	20,360,000
Moray	379	12.1	3%	1	12		
Na h-Eileanan an Iar (Western Isles)	214	5	2%	1	5	£	22,000,000
Neath Port Talbot	399	3	1%	0	3	£	16,190,000
Newcastle upon Tyne	144	6	4%	0	2	£	200,000,000
Newham	41	0	0%	0	0	£	164,750
Newport	80	1	1%	1	1	£	28,000,000
Norfolk	823	38	5%	4	4	£	20,800,000
North Ayrshire	257	2	1%	1	1		
North East Lincolnshire	63	0	0%			£	5,750,000
North Lanarkshire	316	0	0%			£	901,477
North Lincolnshire	155	1	1%	0	1		
North Northamptonshire	422	16	4%	1	15	£	5,382,000
North Somerset	247	25	10%			£	2,000,000
North Tyneside	73	13	18%	2	13		
North Yorkshire	1,456	40	3%	5	30	£	10,900,000
Northumberland	977	93	10%	20	87	£	230,000,000
Nottingham	115	2	2%	0	0		
Nottinghamshire	1,099	2	0%	0	0	£	-
Oldham	187	0	0%	0	0	£	7,700,000
Orkney Islands	46	0	0%			£	750,000
Oxfordshire	787	27	3%	22	583		
Pembrokeshire	650	0	0%			£	975,275
Perth and Kinross	847	50	6%	1	50	£	46,177,000
Peterborough	272	13	5%	4	6		
Plymouth	34	0	0%			£	393,000
Portsmouth	12	0	0%				

Powys	1,399	43	3%	4	20	£	10,000,000
Reading	97	12	12%	3	11	£	15,500,000
Redbridge	23	0	0%				
Redcar and Cleveland	63	2	3%	0	2		
Renfrewshire	240	1	0%	1	1		
Rhondda	236	8	3%	1	8		
Richmond upon Thames	31	4	13%	2	3	£	2,000,000
Rochdale	168	2	1%	0	2		
Rotherham	12	1	8%	0	5		
Rutland	99	2	2%	0	0		
Salford	68	0	0%		8	£	16,500,000
Sandwell	131	3	2%	0	3		
Scottish Borders	1,041	29	3%	1	1	£	11,000,000
Sheffield	310	0	0%	0	0		
Shetland Islands	262	2	1%	2	2	£	295,000,000
Shropshire	780	17	2%	2	5	£	30,000,000
Slough	36	4	11%	0	4	£	12,500,000
Solihull	186	2	1%	1	2	£	4,500,000
Somerset	1,499	128	9%	10	123	£	60,681,096
South Ayrshire	259	4	2%	1	4	£	8,050,040
South Gloucestershire	315	11	3%	0	11	£	43,126,030
South Lanarkshire	778	16	2%		23		
South Tyneside	39	3	8%	0	3	£	152,000
Southampton	72	0	0%				
Southend-on-Sea	125	7	6%	2	5		
Southwark	12	1	8%	0	0	£	-
Staffordshire	1,083	57	5%	2	57		
Stirling	396	12	3%	0	2	£	4,238,823
Stockport	97	2	2%	1	1	£	3,442,253
Stockton-on-Tees	229	0	0%			£	40,415,000
Stoke-on-Trent	81	5	6%	0	0		
Suffolk	1,287	119	9%		119		
Sunderland	182	7	4%	0	5		
Surrey	2,188	37	2%	14	37	£	50,400,000
Swansea	157	12	8%	0	12	£	11,100,000
Swindon	174	2	1%	2	1		
Tameside	145	2	1%	1	1	£	1,781,600
Telford and Wrekin	269	5	2%	0	7	£	10,000,000
TfL	346	15	4%	0	15	£	850,000,000
The Vale of Glamorgan	238	6	3%	0	3	£	10,000,000
Torbay	40	0	0%	0		£	64,000
Torfaen	189	9	5%		1	£	3,780,000
Tower Hamlets	16	2	13%	1	2	£	-
Trafford	113	3	3%	1	1	£	17,000,000
Wakefield	149	1	1%	11	0	£	6,364,000
Walsall	79	2	3%	0		£	36,850,201
Waltham Forest	51	17	33%	1	17		
Wandsworth	13	0	0%	0	0	£	150,000
Warrington	231	36	16%	0	6	£	568,243,130
Warwickshire	797	54	7%	1	47	£	35,167,500
West Berkshire	242	0	0%	68		£	850,000
West Lothian	594	3	1%	0	0	£	5,335,360
West Northamptonshire	471	13	3%	3	All	£	1,373,000
West Sussex	813	10	1%	5	10	£	15,000,000
Westminster	13	0	0%	4	0	£	10,000,000
Wigan	129	1	1%	0		£	6,000,000
Wiltshire	975	36	4%	10	34		
Windsor and Maidenhead	110	7	6%	1	7	£	3,000,000
Wirral	73	1	1%	0	1	£	1,400,000
Wokingham	92	6	7%	1	6	£	18,313,552
Wolverhampton	58	10	17%			£	3,740,000
Worcestershire	820	5	1%	0	0	£	3,456,254
Wrexham	209	4	2%	0	2		
York	95	1	1%	0	0	£	1,279,240
<b>Local Authority Total†</b>	<b>3090.2</b>	<b>3090.2</b>	<b>5%</b>	<b>387</b>	<b>2506</b>	<b>£</b>	<b>4,236,905,509</b>
National Highways	9390	59	1%				
Transport Scotland	2627	38	1%	0	38	£	1,300,000,000
Welsh Assembly	1267	104	8%	2	104	£	1,048,769,228

<b>Blank cells indicate data was not available or not applicable</b>						
*Backlog is the amount of work required to bring the stock (of bridges/carriageways etc.) to a good – but not necessarily perfect condition						
†For the authorities reporting data used in the calculations, the total was £4,236,905,509 For all councils we would estimate the total backlog figure to be £5,860,599,038						
Hartlepool, Islington, Kingston-upon-Thames, Liverpool, Sefton, St. Helens, Sutton, Thurrock, East Lothian, West Dunbartonshire and Ceredigion failed to provide data suitable for inclusion in the study.						

Table 2: Local Authorities order by the proportion of sub-standard bridges, Bridge Maintenance data GB, 2021/22

Local Authority	Number of bridges	Number of substandard bridges	Proportion of substandard bridges	Of which are intended to be returned to full load capacity in next 5 years	Of which, if no resource restrictions, that would be returned to full load carrying capacity	Backlog (workbank)*
Isles of Scilly	0					
Hammersmith and Fulham	4	2	50%	1	2	£ 160,000,000
Bristol	140	52	37%	0		
Waltham Forest	51	17	33%	1	17	
Kensington and Chelsea	4	1	25%	0	0	£ -
Brent	40	9	23%	3	9	
Conwy	278	57	21%		56	
Cheshire East	1,047	194	19%		0	£ 8,272,000
North Tyneside	73	13	18%	2	13	
Wolverhampton	58	10	17%			£ 3,740,000
Warrington	231	36	16%	0	6	£ 568,243,130
Essex	981	151	15%	30	40	
Richmond upon Thames	31	4	13%	2	3	£ 2,000,000
Dundee City	31	4	13%	0	2	
Tower Hamlets	16	2	13%	1	2	£ -
Reading	97	12	12%	3	11	£ 15,500,000
Fife	397	48	12%	7	47	£ 24,206,980
Croydon	42	5	12%	2	5	£ 12,500,000
Hillingdon	102	12	12%	1	10	
Hounslow	26	3	12%	0		
Slough	36	4	11%	0	4	£ 12,500,000
Merthyr Tydfil	37	4	11%	0		£ 4,500,000
Gloucestershire	856	91	11%	6	91	£ 38,885,211
North Somerset	247	25	10%			£ 2,000,000
Blackpool	20	2	10%	0	2	
East Ayrshire	382	38	10%	6	36	£ 55,500,000
Havering	142	14	10%	5	10	£ 900,000
Cardiff	113	11	10%	2		£ 3,279,450
Cornwall	1,009	98	10%	1	75	£ 5,916,816
Northumberland	977	93	10%	20	87	£ 230,000,000
Suffolk	1,287	119	9%		119	
Kingston upon Hull	102	9	9%	4	9	£ 85,000
Lewisham	34	3	9%	0	8	£ 200,000
Somerset	1,499	128	9%	10	123	£ 60,681,096
Ealing	12	1	8%	1	1	
Rotherham	12	1	8%	0	5	
Southwark	12	1	8%	0	0	£ -
Devon	2,714	224	8%	3	83	
Medway	26	2	8%	0	0	£ 41,500,000
South Tyneside	39	3	8%	0	3	£ 152,000
Swansea	157	12	8%	0	12	£ 11,100,000
Barnet	72	5	7%	1	4	
Caerphilly	117	8	7%	2	5	
Warwickshire	797	54	7%	1	47	£ 35,167,500
Wokingham	92	6	7%	1	6	£ 18,313,552
Windsor and Maidenhead	110	7	6%	1	7	£ 3,000,000
Carmarthenshire	799	50	6%		50	£ 9,800,000
East Riding of Yorkshire	485	30	6%	3	15	£ 3,024,422
Stoke-on-Trent	81	5	6%	0	0	
Denbighshire	164	10	6%	6	10	£ 20,000,000
Bexley	66	4	6%	0	2	
Bath and North East Somerset	166	10	6%	0	3	£ 900,000

Perth and Kinross	847	50	6%	1	50	£	46,177,000
Darlington	106	6	6%	0	5		
Cambridgeshire	884	50	6%	2	17	£	50,000,000
Southend-on-Sea	125	7	6%	2	5		
Monmouthshire	400	22	6%	3	4	£	20,360,000
Hertfordshire	1,067	58	5%	0	5	£	49,560,240
Lancashire	1,481	78	5%		78	£	122,557,738
Staffordshire	1083	57	5%	2	57		
Bridgend	175	9.1	5%	1	5		
Kirklees	312	16	5%	11	16	£	15,000,000
Glasgow City	182	9	5%	3	8	£	52,000,000
Peterborough	272	13	5%	4	6		
Dudley	84	4	5%	3	4	£	852,617
Torfaen	189	9	5%		1	£	3,780,000
Blackburn with Darwen	148	7	5%	1	5	£	5,620,650
Bedford	237	11	5%	1	8		
Norfolk	823	38	5%	4	4	£	20,800,000
East Renfrewshire	130	6	5%	0	6		
Aberdeenshire	1,677	74	4%	10	74	£	100,000
TfL	346	15	4%	0	15	£	850,000,000
Barking and Dagenham	70	3	4%	2	5		
Central Bedfordshire	284	12	4%	5	8		
Newcastle upon Tyne	144	6	4%	0	2	£	200,000,000
Derbyshire	1,069	44	4%	3			
Cumbria	1,801	72	4%	0	21		
Sunderland	182	7	4%	0	5		
North Northamptonshire	422	16	4%	1	15	£	5,382,000
Kent	966	36	4%	4		£	13,300,000
Wiltshire	975	36	4%	10	34		
Derby	110	4	4%	1	3	£	2,546,650
Falkirk	224	8	4%	1	8	£	14,500,000
South Gloucestershire	315	11	3%	0	11	£	43,126,030
Oxfordshire	787	27	3%	22	583		
Rhondda	236	8	3%	1	8		
Herefordshire	685	23	3%	3	23	£	18,000,000
Greenwich	31	1	3%	1	1	£	1,100,000
Moray	379	12.1	3%	1	12		
Redcar and Cleveland	63	2	3%	0	2		
Powys	1,399	43	3%	4	20	£	10,000,000
Stirling	396	12	3%	0	2	£	4,238,823
Argyll & Bute	902	27	3%	2	27	£	24,326,643
Gwynedd	631	18	3%	1	18	£	40,000,000
Scottish Borders	1,041	29	3%	1	1	£	11,000,000
West Northamptonshire	471	13	3%	3	All	£	1,373,000
North Yorkshire	1,456	40	3%	5	30	£	10,900,000
Aberdeen City	147	4	3%	1	2	£	4,000,000
Trafford	113	3	3%	1	1	£	17,000,000
Leeds	304	8	3%	4	5	£	11,141,570
Middlesbrough	38	1	3%	1		£	12,310,000
Walsall	79	2	3%	0		£	36,850,201
The Vale of Glamorgan	238	6	3%	0	3	£	10,000,000
Coventry	294	7	2%	4	6		
Na h-Eileanan an Iar (Western Isles)	214	5	2%	1	5	£	22,000,000
Flintshire	129	3	2%	0	3	£	1,500,000
Sandwell	131	3	2%	0	3		
Leicester	134	3	2%	1	3	£	22,000,000
Shropshire	780	17	2%	2	5	£	30,000,000
Angus	382	8	2%	0	5		
Stockport	97	2	2%	1	1	£	3,442,253
South Lanarkshire	778	16	2%		23		
Bromley	148	3	2%	0	3	£	2,373,000
Rutland	99	2	2%	0	0		
Bournemouth, Christchurch, Poole	156	3	2%	0	1		
Wrexham	209	4	2%	0	2		
City of London	53	1	2%	1	1		
Highland	2,073	39	2%	1	39		
Telford and Wrekin	269	5	2%	0	7	£	10,000,000
Calderdale	286	5	2%	2	3	£	40,000,000
Nottingham	115	2	2%	0	0		
Edinburgh	290	5	2%	0	5	£	94,200,000

Cheshire West and Chester	350	6	2%	1	6	£	41,000,000
Surrey	2,188	37	2%	14	37	£	50,400,000
Birmingham	417	7	2%	0	5	£	19,012,000
County Durham	689	11	2%	1	1	£	38,800,000
South Ayrshire	259	4	2%	1	4	£	8,050,040
Hampshire	1,346	20	1%	4	20	£	26,249,305
Tameside	145	2	1%	1	1	£	1,781,600
Wirral	73	1	1%	0	1	£	1,400,000
Dumfries & Galloway	740	10	1%	0	1		
Midlothian	149	2	1%	0	2	£	5,250,000
Bury	78	1	1%	1	1		
Barnsley	236	3	1%	1	3		
Newport	80	1	1%	1	1	£	28,000,000
West Sussex	813	10	1%	5	10	£	15,000,000
Bradford	418	5	1%	0	0	£	2,000,000
Rochdale	168	2	1%	0	2		
Bracknell Forest	85	1	1%	1	1	£	63,817,593
Swindon	174	2	1%	2	1		
Leicestershire	708	8	1%	2	2	£	13,500,000
Doncaster	275	3	1%	0	3	£	15,000,000
Solihull	186	2	1%	1	2	£	4,500,000
York	95	1	1%	0	0	£	1,279,240
North Ayrshire	257	2	1%	1	1		
Wigan	129	1	1%	0		£	6,000,000
Shetland Islands	262	2	1%	2	2	£	295,000,000
Neath Port Talbot	399	3	1%	0	3	£	16,190,000
Wakefield	149	1	1%	11	0	£	6,364,000
North Lincolnshire	155	1	1%	0	1		
Inverclyde	163	1	1%	0	1	£	1,584,636
Worcestershire	820	5	1%	0	0	£	3,456,254
Buckinghamshire	372	2	1%	0	2	£	29,585,000
West Lothian	594	3	1%	0	0	£	5,335,360
East Sussex	927	4	0%	0	2	£	18,245,460
Renfrewshire	240	1	0%	1	1		
Lincolnshire	1,529	4	0%	0	0	£	9,582,000
Nottinghamshire	1,099	2	0%	0	0	£	-
Milton Keynes	619	1	0%	1	1	£	18,511,000
Bolton	128	0	0%	0	0	£	71,588,611
Brighton and Hove	67	0	0%	0	0	£	3,000,000
Camden	8	0	0%			£	432,000
Enfield	192	0	0%	0	0	£	6,000,000
Gateshead	112	0	0%	0	0	£	2,939,637
Hackney	14	0	0%			£	1,000,000
Halton	98	0	0%	0			
Haringey	42	0	0%				
Harrow	14	0	0%				
Isle of Wight	148	0	0%				
Knowsley	83	0	0%			£	3,131,700
Lambeth	8	0	0%				
Luton	98	0	0%				
Manchester	290	0	0%				
Merton	38	0	0%			£	621,000
Newham	41	0	0%	0	0	£	164,750
North East Lincolnshire	63	0	0%			£	5,750,000
Oldham	187	0	0%	0	0	£	7,700,000
Plymouth	34	0	0%			£	393,000
Portsmouth	12	0	0%				
Redbridge	23	0	0%				
Salford	68	0	0%		8	£	16,500,000
Sheffield	310	0	0%	0	0		
Southampton	72	0	0%				
Stockton-on-Tees	229	0	0%			£	40,415,000
Torbay	40	0	0%	0		£	64,000
Wandsworth	13	0	0%	0	0	£	150,000
West Berkshire	242	0	0%	68		£	850,000
Westminster	13	0	0%	4	0	£	10,000,000
East Dunbartonshire	124	0	0%	0	0		
North Lanarkshire	316	0	0%			£	901,477
Orkney Islands	46	0	0%			£	750,000
Blaenau Gwent	135	0	0%			£	900,000

Isle of Anglesey	145	0	0%				
Pembrokeshire	650	0	0%			£	975,275
Dorset	891	6	0%	0	2		
Clackmannanshire	71	2	0%	0	0	£	12,500,000
<b>Local Authority Total†</b>	<b>3,090</b>	<b>3090.2</b>	<b>5%</b>	<b>387</b>	<b>2506</b>	<b>£</b>	<b>4,236,905,509</b>
National Highways	9,390	59	1%				
Transport Scotland	2,627	38	1%	0	38	£	1,300,000,000
Welsh Assembly	1,267	104	8%	2	104	£	1,048,769,228
<b>Blank cells indicate data was not available or not applicable</b>							

\*Backlog is the amount of work required to bring the stock (of bridges/carriageways etc.) to a good – but not necessarily perfect condition

†For the authorities reporting data used in the calculations the total was £4,236,905,509

For all councils we would estimate the total backlog figure to be £5,860,599,038

Hartlepool, Islington, Kingston-upon-Thames, Liverpool, Sefton, St. Helens, Sutton, Thurrock, East Lothian, West Dunbartonshire and Ceredigion failed to provide data suitable for inclusion in the study.