

# ***Escherichia coli* bloodstream infection rates 2016/17 by CCG (all data) and acute trust (post 48 hours)**

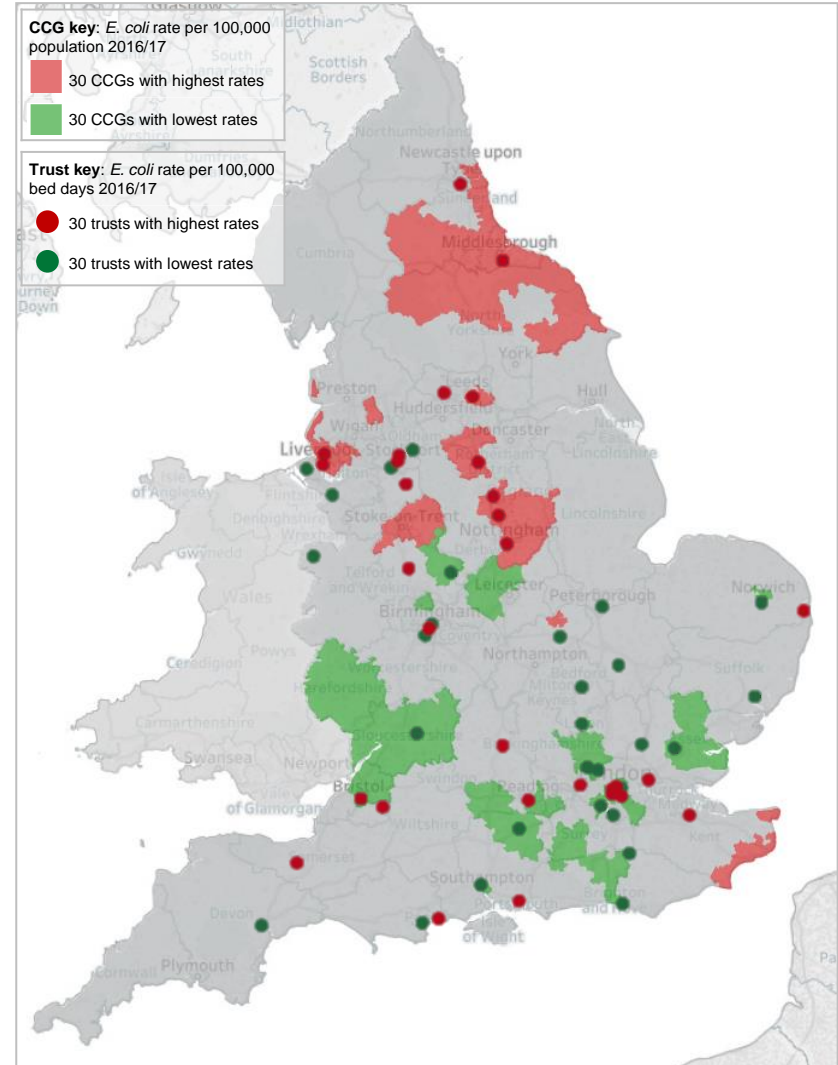
September 2017

# Escherichia coli rates 2016/17

## CCG (all cases) and acute trusts (post 48 hours)



Improvement



Sources:

1. CCG and trust map – Google Maps, Tableau B.I. and NHS Digital
2. CCG *E. coli* bacteraemia rates 2016/17 – Fingertips, Public Health England
3. Trust *E. coli* bacteraemia rates 2016/17 – Fingertips, Public Health England

# 30 CCGs and 30 acute trusts (post 48 hours) with the highest rates of *Escherichia coli* bloodstream infections 2016/17



**Improvement**

Out of 207 CCGs, the 30 CCGs with the highest rates of *Escherichia coli* bloodstream infections in 2016/17 (all data)

CCG name	Rate per 100,000 population	Rank /207 CCGs
NHS Thanet CCG	119.23	207
NHS Blackburn with Darwen CCG	118.93	206
NHS South Tyneside CCG	115.45	205
NHS St Helens CCG	112.94	204
NHS Blackpool CCG	112.25	203
NHS Southport and Formby CCG	111.01	202
NHS Hardwick CCG	108.40	201
NHS South Tees CCG	107.86	200
NHS North Staffordshire CCG	105.45	199
NHS Nottingham North and East CCG	104.82	198
NHS South Sefton CCG	103.79	197
NHS North Tyneside CCG	103.49	196
NHS Knowsley CCG	103.03	195
NHS Sheffield CCG	102.64	194
NHS South Kent Coast CCG	101.51	193
NHS Stoke on Trent CCG	100.23	192
NHS Barnsley CCG	100.08	191
NHS Newark & Sherwood CCG	100.02	190
NHS Hambleton, Richmondshire and Whitby CCG	99.91	189
NHS Hartlepool and Stockton-on-Tees CCG	99.69	188
NHS Mansfield and Ashfield CCG	99.60	187
NHS Sunderland CCG	99.38	186
NHS Durham Dales, Easington and Sedgfield CCG	98.72	185
NHS Liverpool CCG	98.21	184
NHS Scarborough and Ryedale CCG	97.35	183
NHS Corby CCG	97.03	182
NHS Leeds South and East CCG	96.74	181
NHS Rushcliffe CCG	95.89	180
NHS Nottingham City CCG	95.76	179
NHS Darlington CCG	95.64	178

Out of 153 acute trusts, the 30 trusts with the highest rates of *Escherichia coli* bloodstream infections in 2016/17 (post 48 hours)

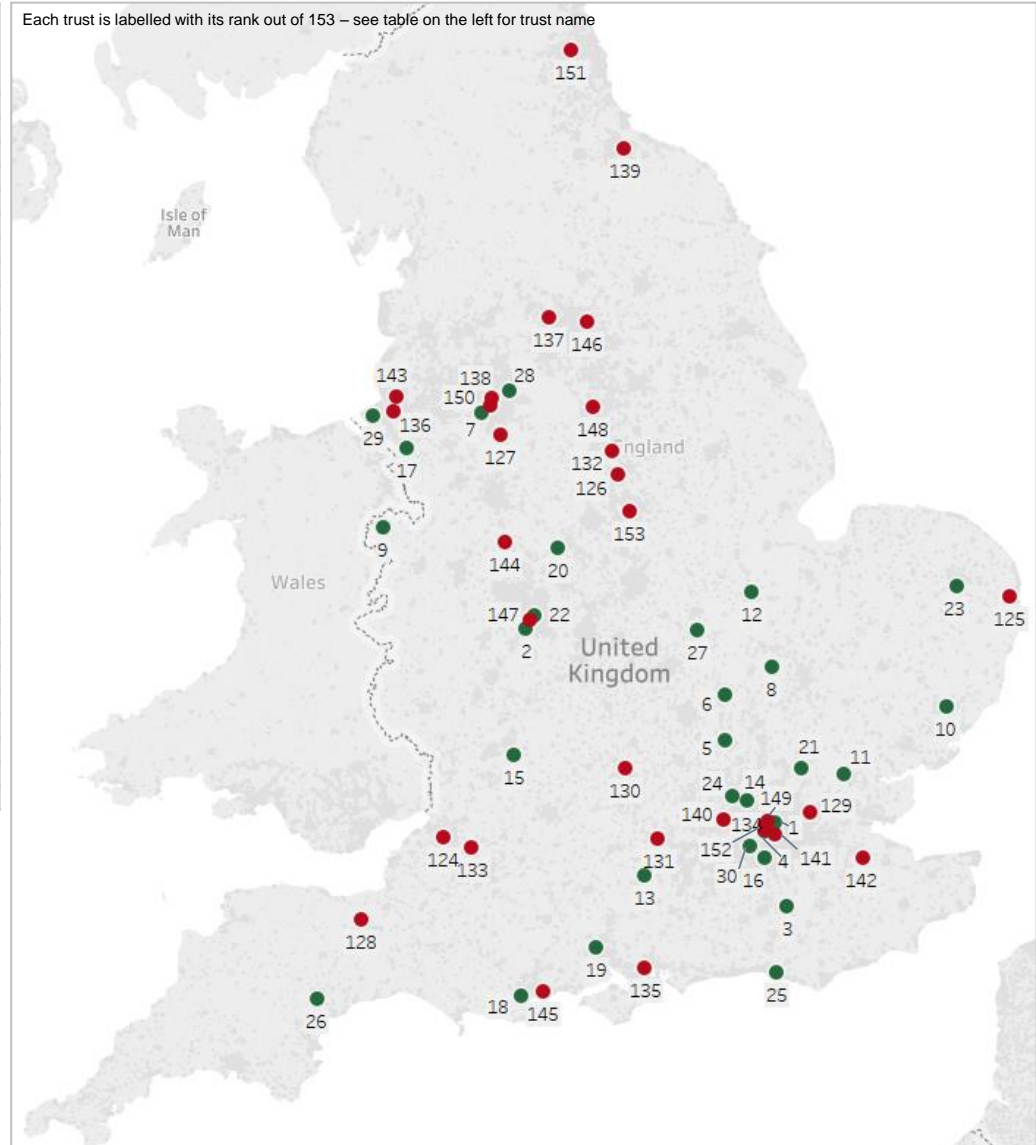
Trust name	Rate per 100,000 bed days	Rank /153 trusts
Nottingham University Hospitals NHS Trust	47.69	153
The Royal Marsden NHS Foundation Trust	44.96	152
The Newcastle upon Tyne Hospitals NHS Foundation Trust	41.32	151
The Christie NHS Foundation Trust	39.29	150
University College London Hospitals NHS Foundation Trust	38.64	149
Sheffield Teaching Hospitals NHS Foundation Trust	37.26	148
University Hospitals Birmingham NHS Foundation Trust	35.87	147
Leeds Teaching Hospitals NHS Trust	33.97	146
The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust	33.61	145
University Hospitals of North Midlands NHS Trust	32.48	144
The Walton Centre NHS Foundation Trust	32.17	143
Medway NHS Foundation Trust	31.59	142
King's College Hospital NHS Foundation Trust	31.26	141
The Hillingdon Hospitals NHS Foundation Trust	29.95	140
South Tees Hospitals NHS Foundation Trust	29.77	139
Central Manchester University Hospitals NHS Foundation Trust	29.55	138
Bradford Teaching Hospitals NHS Foundation Trust	29.53	137
Royal Liverpool and Broadgreen University Hospitals NHS Trust	29.24	136
Portsmouth Hospitals NHS Trust	29.10	135
Imperial College Healthcare NHS Trust	28.56	134
Royal United Hospitals Bath NHS Foundation Trust	28.49	133
Chesterfield Royal Hospital NHS Foundation Trust	28.48	132
Royal Berkshire NHS Foundation Trust	28.04	131
Oxford University Hospitals NHS Foundation Trust	27.92	130
Barking, Havering and Redbridge University Hospitals NHS Trust	27.81	129
Taunton and Somerset NHS Foundation Trust	27.81	128
East Cheshire NHS Trust	27.72	127
Sherwood Forest Hospitals NHS Foundation Trust	27.48	126
James Paget University Hospitals NHS Foundation Trust	27.48	125
University Hospitals Bristol NHS Foundation Trust	27.37	124

# 30 acute trusts with the highest rates of *Escherichia coli* bloodstream infections (post 48 hours) in 2016/17

Rank /153 trusts	Trust name	Rate per 100,000 bed days
153	Nottingham University Hospitals NHS Trust	47.69
152	The Royal Marsden NHS Foundation Trust	44.96
151	The Newcastle upon Tyne Hospitals NHS Foundation Trust	41.32
150	The Christie NHS Foundation Trust	39.29
149	University College London Hospitals NHS Foundation Trust	38.64
148	Sheffield Teaching Hospitals NHS Foundation Trust	37.26
147	University Hospitals Birmingham NHS Foundation Trust	35.87
146	Leeds Teaching Hospitals NHS Trust	33.97
145	The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust	33.61
144	University Hospitals of North Midlands NHS Trust	32.48
143	The Walton Centre NHS Foundation Trust	32.17
142	Medway NHS Foundation Trust	31.59
141	King's College Hospital NHS Foundation Trust	31.26
140	The Hillingdon Hospitals NHS Foundation Trust	29.95
139	South Tees Hospitals NHS Foundation Trust	29.77
138	Central Manchester University Hospitals NHS Foundation Trust	29.55
137	Bradford Teaching Hospitals NHS Foundation Trust	29.53
136	Royal Liverpool and Broadgreen University Hospitals NHS Trust	29.24
135	Portsmouth Hospitals NHS Trust	29.10
134	Imperial College Healthcare NHS Trust	28.56
133	Royal United Hospitals Bath NHS Foundation Trust	28.49
132	Chesterfield Royal Hospital NHS Foundation Trust	28.48
131	Royal Berkshire NHS Foundation Trust	28.04
130	Oxford University Hospitals NHS Foundation Trust	27.92
129	Barking, Havering and Redbridge University Hospitals NHS Trust	27.81
128	Taunton and Somerset NHS Foundation Trust	27.81
127	East Cheshire NHS Trust	27.72
126	Sherwood Forest Hospitals NHS Foundation Trust	27.48
125	James Paget University Hospitals NHS Foundation Trust	27.48
124	University Hospitals Bristol NHS Foundation Trust	27.37

**Note:**

- Rates refer to trust assigned cases (post 48 hours) defined as *Escherichia coli*-positive blood cultures reported by the trust whose laboratory processed the specimen. It is important to note that this does not necessarily imply that the infection was acquired there.
- It is not appropriate to compare rate information between trusts. The counts of infections have not been adjusted to give a standardised rate considering factors such as organisational demographics or casemix.

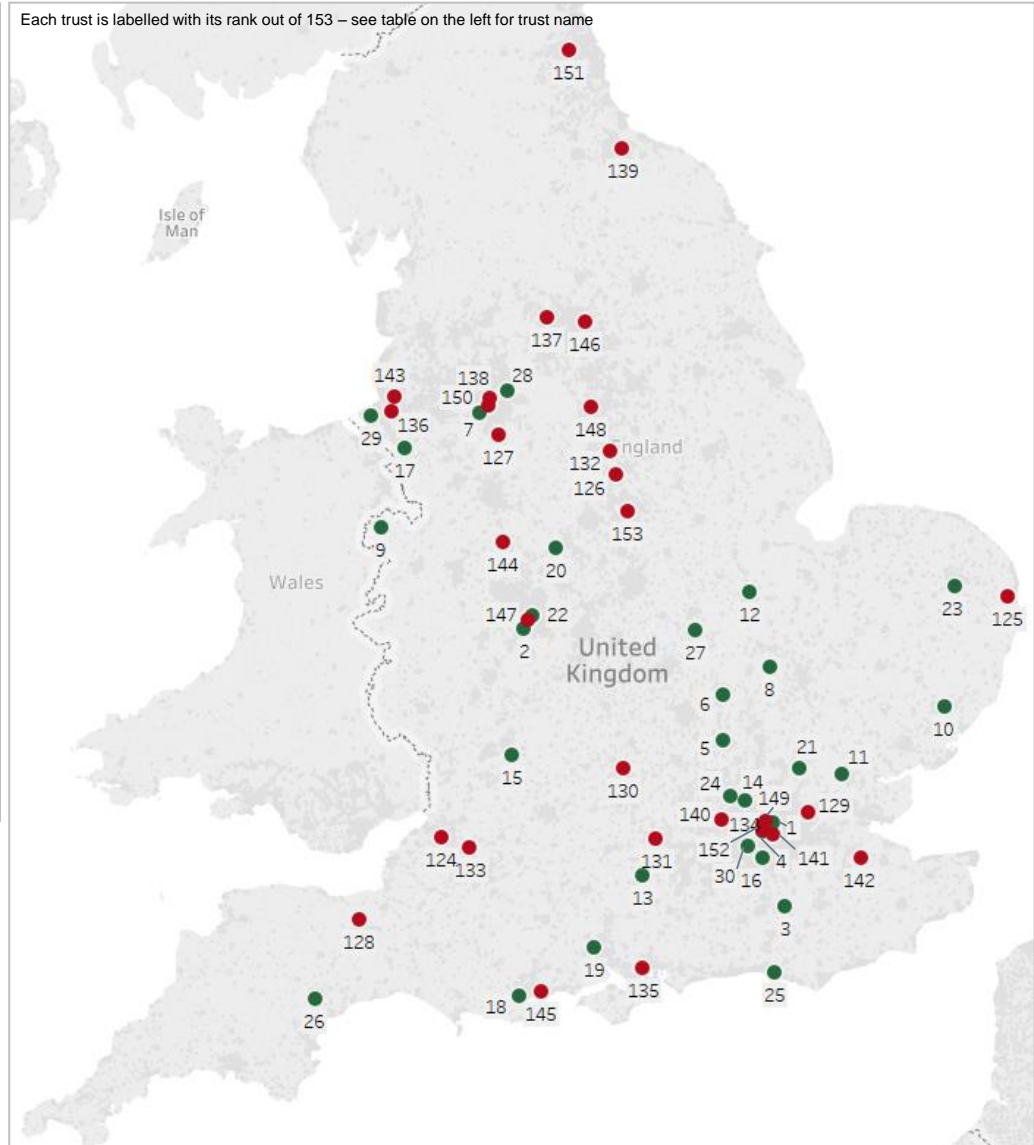


# 30 acute trusts with the lowest rates of *Escherichia coli* bloodstream infections (post 48 hours) 2016/17

Rank /153 trusts	Trust name	Rate per 100,000 bed days
30	Kingston Hospital NHS Foundation Trust	14.99
29	Wirral University Teaching Hospital NHS Foundation Trust	14.96
28	Tameside Hospital NHS Foundation Trust	14.84
27	Kettering General Hospital NHS Foundation Trust	14.81
26	Royal Devon and Exeter NHS Foundation Trust	14.66
25	Brighton and Sussex University Hospitals NHS Trust	14.41
24	West Hertfordshire Hospitals NHS Trust	14.07
23	Norfolk and Norwich University Hospitals NHS Foundation Trust	13.96
22	Birmingham Children's and Women's NHS Foundation Trust	13.72
21	The Princess Alexandra Hospital NHS Trust	13.65
20	Burton Hospitals NHS Foundation Trust	13.51
19	University Hospital Southampton NHS Foundation Trust	13.43
18	Poole Hospital NHS Foundation Trust	13.03
17	Countess of Chester Hospital NHS Foundation Trust	12.73
16	Epsom and St Helier University Hospitals NHS Trust	12.68
15	Gloucestershire Hospitals NHS Foundation Trust	12.21
14	Royal National Orthopaedic Hospital NHS Trust	12.18
13	Hampshire Hospitals NHS Foundation Trust	12.11
12	Peterborough and Stamford Hospitals NHS Foundation Trust	11.58
11	Mid Essex Hospital Services NHS Trust	11.45
10	Ipswich Hospital NHS Trust	11.17
9	The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust	11.11
8	Papworth Hospital NHS Foundation Trust	10.84
7	University Hospital of South Manchester NHS Foundation Trust	10.84
6	Bedford Hospital NHS Trust	10.60
5	Luton and Dunstable University Hospital NHS Foundation Trust	7.27
4	Royal Brompton & Harefield NHS Foundation Trust	7.12
3	Queen Victoria Hospital NHS Foundation Trust	7.00
2	The Royal Orthopaedic Hospital NHS Foundation Trust	3.39
1	Moorfields Eye Hospital NHS Foundation Trust	0.00

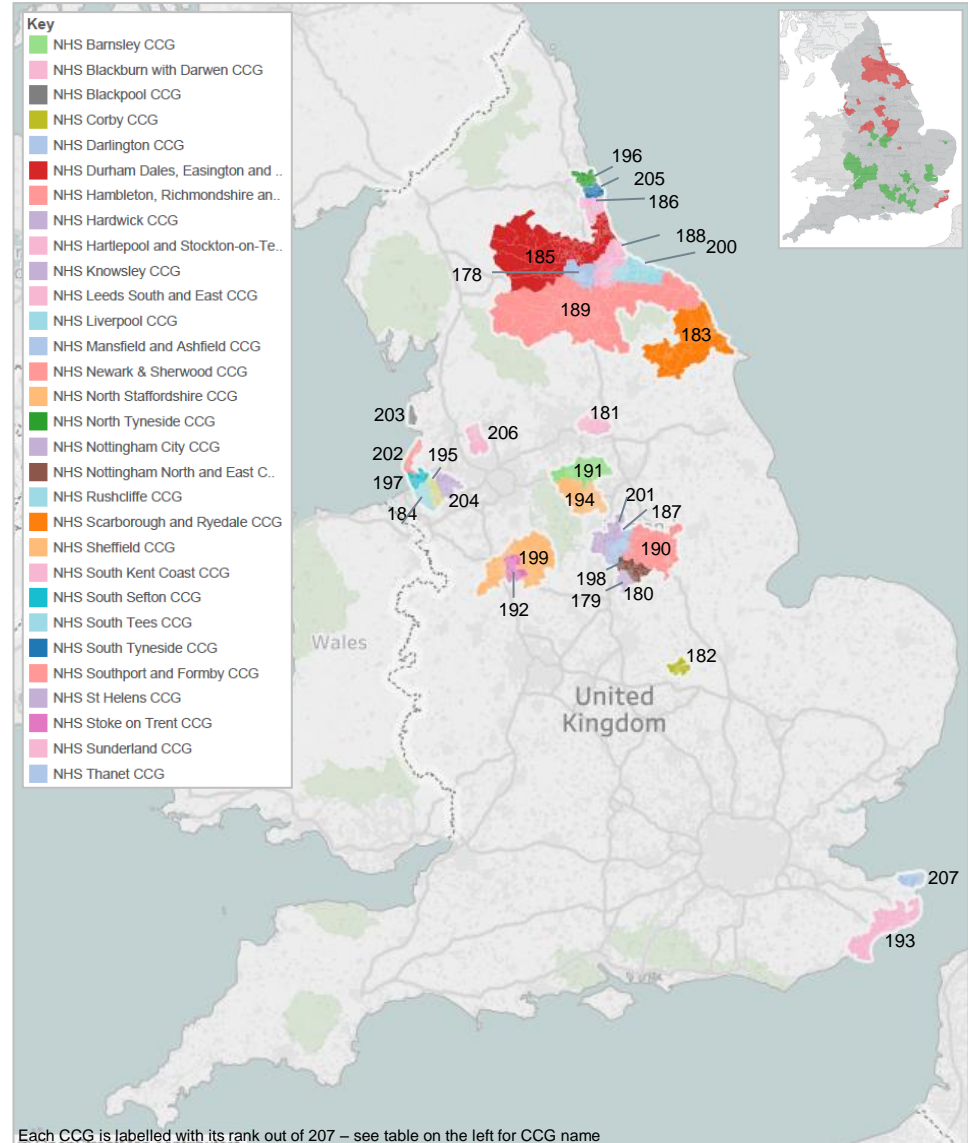
**Note:**

- Rates refer to trust assigned cases (post 48 hours) defined as *Escherichia coli*-positive blood cultures reported by the trust whose laboratory processed the specimen. It is important to note that this does not necessarily imply that the infection was acquired there.
- It is not appropriate to compare rate information between trusts. The counts of infections have not been adjusted to give a standardised rate considering factors such as organisational demographics or casemix.



# 30 CCGs with the highest rates of *Escherichia coli* bloodstream infection 2016/17 (all data)

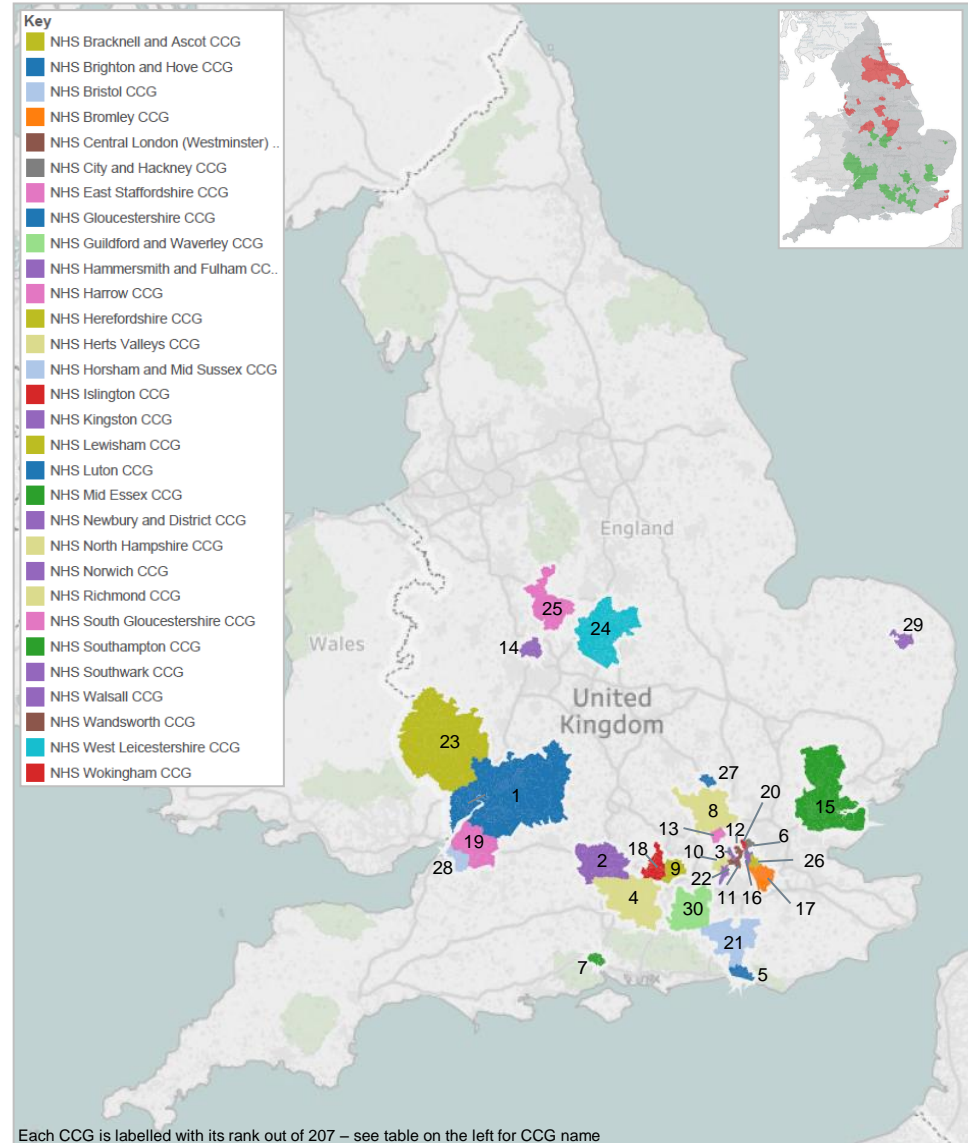
Rank /207 CCGs	CCG name	Rate per 100,000 population
207	NHS Thanet CCG	119.23
206	NHS Blackburn with Darwen CCG	118.93
205	NHS South Tyneside CCG	115.45
204	NHS St Helens CCG	112.94
203	NHS Blackpool CCG	112.25
202	NHS Southport and Formby CCG	111.01
201	NHS Hardwick CCG	108.40
200	NHS South Tees CCG	107.86
199	NHS North Staffordshire CCG	105.45
198	NHS Nottingham North and East CCG	104.82
197	NHS South Sefton CCG	103.79
196	NHS North Tyneside CCG	103.49
195	NHS Knowsley CCG	103.03
194	NHS Sheffield CCG	102.64
193	NHS South Kent Coast CCG	101.51
192	NHS Stoke on Trent CCG	100.23
191	NHS Barnsley CCG	100.08
190	NHS Newark & Sherwood CCG	100.02
189	NHS Hambleton, Richmondshire and Whitby CCG	99.91
188	NHS Hartlepool and Stockton-on-Tees CCG	99.69
187	NHS Mansfield and Ashfield CCG	99.60
186	NHS Sunderland CCG	99.38
185	NHS Durham Dales, Easington and Sedgfield CCG	98.72
184	NHS Liverpool CCG	98.21
183	NHS Scarborough and Ryedale CCG	97.35
182	NHS Corby CCG	97.03
181	NHS Leeds South and East CCG	96.74
180	NHS Rushcliffe CCG	95.89
179	NHS Nottingham City CCG	95.76
178	NHS Darlington CCG	95.64



- Note:
- The colours on the map are not rankings; they are used to help identify CCGs.
  - All reported *Escherichia coli* bloodstream infection cases are attributed to the CCG at which the patient's GP is listed. It is important to note that this does not necessarily imply that the infection was acquired there. If GP practice code is unavailable cases are attributed to the CCG catchment area in which the patient resides. If GP practice code and address are unavailable, the case is attributed to the CCG based on the postcode of the HQ of the acute trust that reported the case.
  - It is not appropriate to compare rate information between CCGs. The counts of infections have not been adjusted to give a standardised rate considering factors such as organisational demographics or casemix.

# 30 CCGs with the lowest rates of *Escherichia coli* bloodstream infections 2016/17 (all data)

Rank /207 CCGs	CCG Name	Rate per 100,000 population
30	NHS Guildford and Waverley CCG	59.56
29	NHS Norwich CCG	59.40
28	NHS Bristol CCG	59.08
27	NHS Luton CCG	59.03
26	NHS Lewisham CCG	58.74
25	NHS East Staffordshire CCG	58.73
24	NHS West Leicestershire CCG	58.47
23	NHS Herefordshire CCG	58.36
22	NHS Kingston CCG	58.09
21	NHS Horsham and Mid Sussex CCG	58.05
20	NHS Islington CCG	57.42
19	NHS South Gloucestershire CCG	57.04
18	NHS Wokingham CCG	56.61
17	NHS Bromley CCG	56.52
16	NHS Southwark CCG	55.89
15	NHS Mid Essex CCG	55.36
14	NHS Walsall CCG	55.30
13	NHS Harrow CCG	54.11
12	NHS Central London (Westminster) CCG	53.87
11	NHS Wandsworth CCG	52.98
10	NHS Richmond CCG	51.25
9	NHS Bracknell and Ascot CCG	50.99
8	NHS Herts Valleys CCG	50.90
7	NHS Southampton CCG	50.79
6	NHS City and Hackney CCG	50.66
5	NHS Brighton and Hove CCG	50.37
4	NHS North Hampshire CCG	49.28
3	NHS Hammersmith and Fulham CCG	47.28
2	NHS Newbury and District CCG	45.96
1	NHS Gloucestershire CCG	45.76



- Note:
- The colours on the map are not rankings; they are used to help identify CCGs.
  - All reported *Escherichia coli* bloodstream infection cases are attributed to the CCG at which the patient's GP is listed. It is important to note that this does not necessarily imply that the infection was acquired there. If GP practice code is unavailable cases are attributed to the CCG catchment area in which the patient resides. If GP practice code and address are unavailable, the case is attributed to the CCG based on the postcode of the HQ of the acute trust that reported the case.
  - It is not appropriate to compare rate information between CCGs. The counts of infections have not been adjusted to give a standardised rate considering factors such as organisational demographics or casemix.