

Figure 1. Cumulative Covid-19 infection rates from 1st July to 31st December by region.

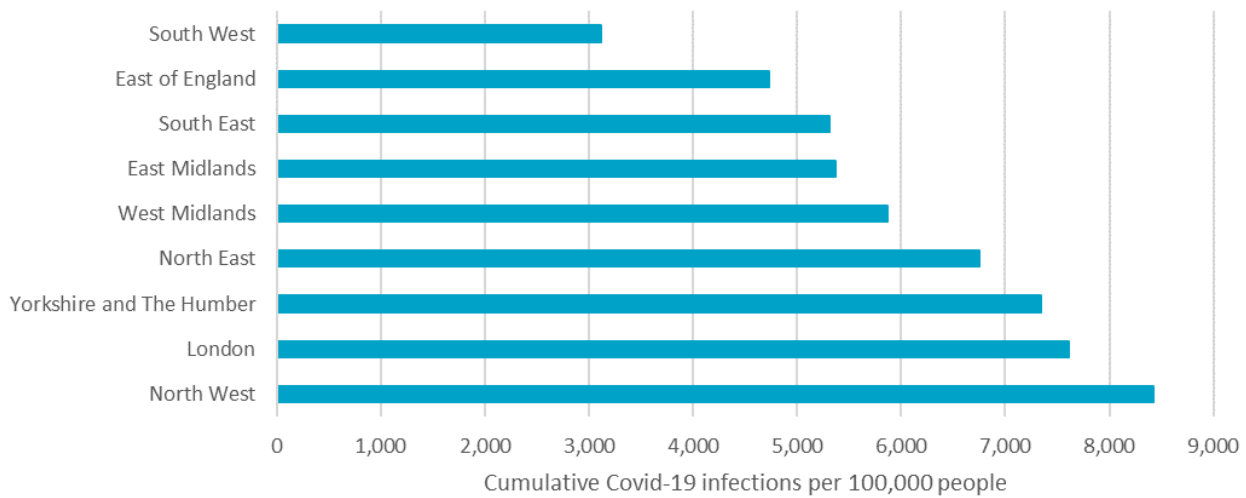


Table 1. Estimated cumulative Covid-19 infection rates by region from 1st July to 31st December 2021

Rank	Region	Cumulative infection rate	Cumulative infections per 100,000
1	North West	8.4%	8,417
2	London	7.6%	7,608
3	Yorkshire and The Humber	7.3%	7,345
4	North East	6.8%	6,751
5	West Midlands	5.9%	5,872
6	East Midlands	5.4%	5,366
7	South East	5.3%	5,308
8	East of England	4.7%	4,732
9	South West	3.1%	3,113
	England	6.1%	6,126

Table 2. Covid-19 cumulative infection rates from 1st July to 31st December 2020 according to decile of deprivation

IMD decile	Definition	IMD range	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
1	Most deprived 10% of LTLAs	31.1 - 45.0	7,572,673	658,362	8.7%	8,694
2	Second most deprived 10% of LTLAs	26.7 - 30.9	8,368,684	619,686	7.4%	7,405
3	Third most deprived 10% of LTLAs	23.7 - 26.6	6,625,262	439,480	6.6%	6,633
4	Fourth most deprived 10% of LTLAs	21.1 - 23.7	5,299,029	301,207	5.7%	5,684
5	Fifth most deprived 10% of LTLAs	18.6 - 21.1	4,664,974	234,065	5.0%	5,017
6	Fifth least deprived 10% of LTLAs	16.2 - 18.5	5,432,236	325,117	6.0%	5,985
7	Fourth least deprived 10% of LTLAs	14.2 - 16.1	4,815,267	249,093	5.2%	5,173
8	Third least deprived 10% of LTLAs	12.2 - 14.2	4,445,109	197,080	4.4%	4,434
9	Second least deprived 10% of LTLAs	10.3 - 12.2	4,030,102	179,724	4.5%	4,460
10	Least deprived 10% of LTLAs	5.5 - 10.2	3,782,777	167,856	4.4%	4,437

Table 3. Ten lower tier local authorities with the highest Covid-19 cumulative infection rates from 1st July to 31st December 2020.

Rank	Local Authority	IMD score	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
1	Blackburn with Darwen	36.0	145,626	19,938	13.7%	13,691
2	Burnley	37.8	86,681	11,183	12.9%	12,901
3	Pendle	30.7	89,772	10,847	12.1%	12,083
4	Havering	16.8	252,820	29,697	11.7%	11,746
5	Oldham	33.2	230,685	26,617	11.5%	11,538
6	Redbridge	17.2	296,265	33,736	11.4%	11,387
7	Rochdale	34.4	216,602	23,941	11.1%	11,053
8	Swale	27.1	146,553	15,938	10.9%	10,875
9	Manchester	40.0	538,386	58,199	10.8%	10,810
10	Barking and Dagenham	32.8	205,491	22,089	10.7%	10,749

Table 4. Ten lower tier local authorities with the lowest Covid-19 cumulative infection rates from 1st July to 31st December 2020

Rank	Local Authority	IMD score	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
315	Torridge	23.3	67,177	1,009	1.5%	1,502
314	South Hams	13.7	85,738	1,327	1.5%	1,548
313	Teignbridge	15.9	131,821	2,234	1.7%	1,695
312	Cornwall and Isles of	23.0	561,416	9,524	1.7%	1,696
311	North Norfolk	21.1	103,384	1,919	1.9%	1,856
310	West Devon	18.1	54,985	1,026	1.9%	1,866
309	Mid Devon	16.9	80,763	1,526	1.9%	1,889
308	Dorset	15.7	372,715	7,060	1.9%	1,894
307	Mid Suffolk	13.2	102,223	2,089	2.0%	2,044
306	East Suffolk	19.6	245,189	5,086	2.1%	2,074

Table 5. Covid-19 cumulative rates from 1st July to 31st December 2020 according to decile of population density

Decile	Definition	Range of population densities (people per sq km)	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
1	Most densely populated 10% of LTLAs	4,563 – 16,427	8,403,446	637,854	7.6%	7,590
2	Second most densely populated 10% of LTLAs	2,794 – 4,507	7,724,103	506,588	6.6%	6,559
3	Third most densely populated 10% of LTLAs	1,920 – 2,782	6,009,640	432,209	7.2%	7,192
4	Fourth most densely populated 10% of LTLAs	1,146 – 1,891	6,300,948	499,092	7.9%	7,921
5	Fifth most densely populated 10% of LTLAs	728 – 1,120	4,828,143	336,901	7.0%	6,978
6	Fifth most sparsely populated 10% of LTLAs	483 - 727	4,549,642	255,253	5.6%	5,610
7	Fourth most sparsely populated 10% of LTLAs	310 - 460	4,314,232	229,402	5.3%	5,317
8	Third most sparsely populated 10% of LTLAs	189 - 309	4,746,874	204,377	4.3%	4,306
9	Second most sparsely populated 10% of LTLAs	131 - 188	4,788,444	149,602	3.1%	3,124
10	Most sparsely populated 10% of LTLAs	25 - 130	3,370,641	120,392	3.6%	3,572

Table 6. Cumulative Covid-19 infection rates from 1st July to 31st December 2020 in the ten most deprived ten lower tier local authorities

IMD rank	Local Authority	IMD score	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
1	Blackpool	45.0	136,248	9,637	7.1%	7,073
2	Knowsley	43.0	146,888	14,576	9.9%	9,923
3	Liverpool	42.4	486,408	45,569	9.4%	9,368
4	Kingston upon Hull, City	40.6	253,269	18,831	7.4%	7,435
5	Middlesbrough	40.5	137,234	10,071	7.3%	7,339
6	Manchester	40.0	538,386	58,199	10.8%	10,810
7	Birmingham	38.1	1,110,214	81,677	7.4%	7,357
8	Burnley	37.8	86,681	11,183	12.9%	12,901
9	Blackburn with Darwen	36.0	145,626	19,938	13.7%	13,691
10	Hartlepool	35.0	91,648	8,164	8.9%	8,908

Table 7. Cumulative Covid-19 infection rates from 1st July to 31st December 2020 in the ten least deprived ten lower tier local authorities

IMD rank	Local Authority	IMD score	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
315	Hart	5.5	95,143	3,542	3.7%	3,723
314	Wokingham	5.8	167,525	7,416	4.4%	4,427
313	Chiltern	7.0	96,046	3,806	4.0%	3,963
312	Rushcliffe	7.2	117,009	5,937	5.1%	5,074
311	Waverley	7.5	123,841	5,248	4.2%	4,238
310	South Northamptonshire	7.7	92,645	3,811	4.1%	4,114
309	Mid Sussex	7.7	147,934	5,907	4.0%	3,993
308	Elmbridge	7.9	133,548	7,455	5.6%	5,582
307	Harborough	8.0	92,110	3,961	4.3%	4,300
306	Surrey Heath	8.1	87,560	4,734	5.4%	5,407

Table 8. Cumulative Covid-19 infection rates from 1st July to 31st December 2020 in the ten most densely populated lower tier local authorities

Rank	Local Authority	IMD score	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
1	Tower Hamlets	16,427	316,075	29,907	9.5%	9,462
2	Islington	16,321	237,204	14,686	6.2%	6,191
3	Hackney and City of London	14,758	282,343	22,327	7.9%	7,908
4	Kensington and Chelsea	12,876	152,871	8,459	5.5%	5,533
5	Camden	12,393	264,795	13,262	5.0%	5,008
6	Westminster	12,167	256,239	13,324	5.2%	5,200
7	Lambeth	12,156	318,566	21,281	6.7%	6,680
8	Hammersmith and	11,287	180,688	12,028	6.7%	6,657
9	Southwark	11,045	310,896	19,567	6.3%	6,294
10	Newham	9,756	342,253	32,355	9.5%	9,454

Table 9. Cumulative Covid-19 infection rates from 1st July to 31st December 2020 in the ten least densely populated lower tier local authorities

Rank	Local Authority	IMD score	Total population	Total infections	Cumulative infection rate	Cumulative infection per 100,000 people
315	Eden	25	52,453	3,015	5.7%	5,748
314	Ryedale	37	54,492	1,632	3.0%	2,995
313	Richmondshire	41	52,729	2,048	3.9%	3,884
312	West Devon	48	54,985	1,026	1.9%	1,866
311	Craven	49	56,203	2,595	4.6%	4,617
310	Northumberland	64	316,817	16,046	5.1%	5,065
309	South Lakeland	68	103,498	4,380	4.2%	4,232
308	Torridge	69	67,177	1,009	1.5%	1,502
307	Hambleton	70	90,154	3,711	4.1%	4,116
306	Cotswold	77	88,240	2,209	2.5%	2,503