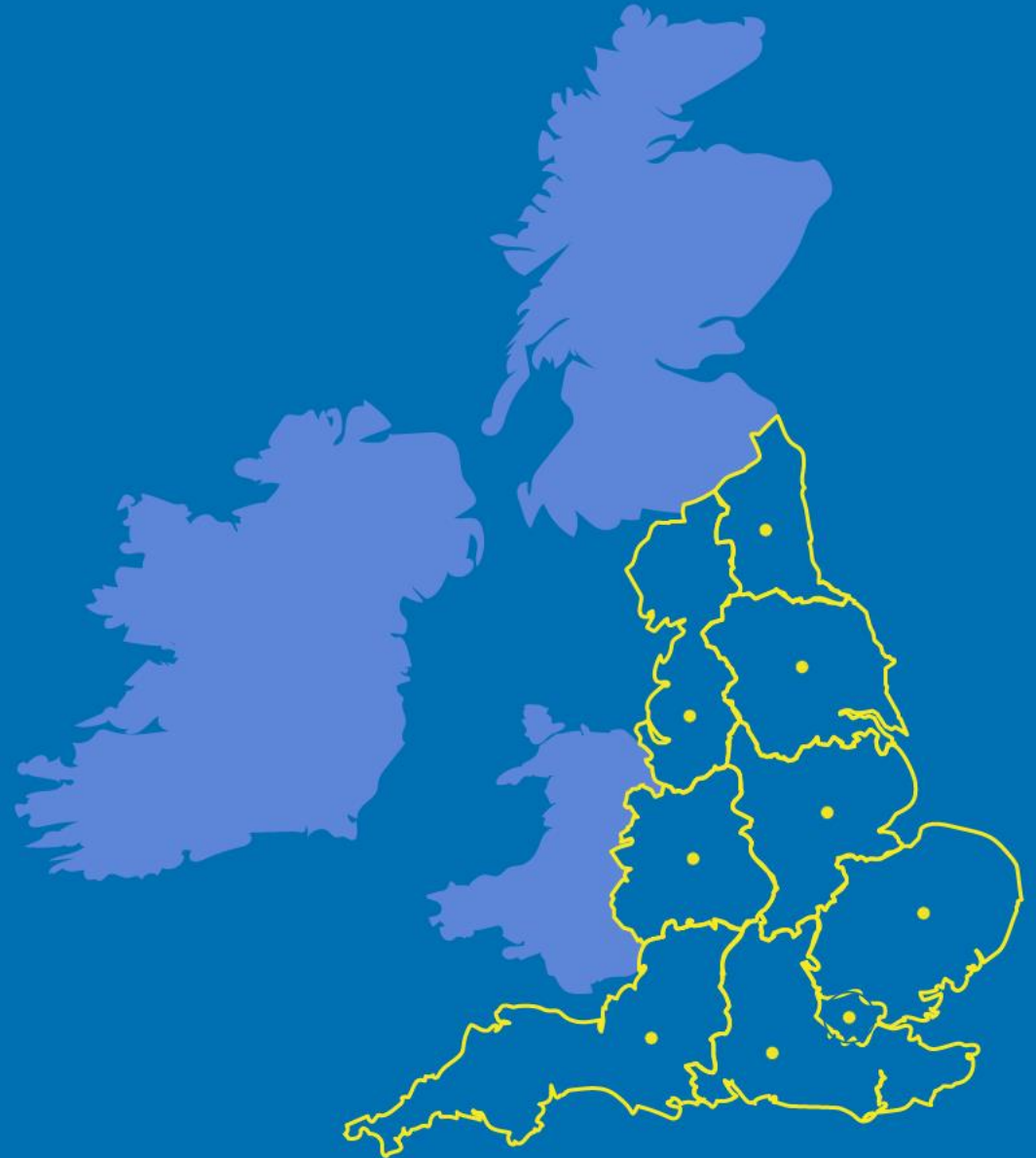


CORONAVIRUS **SITUATIONAL** **AWARENESS** Summary

date: 21 October 2020

Appendix



This situational awareness summary report appendix provides maps for:

- Local authority information
 - Testing
 - Case rate
 - Mortality
- Contact tracing

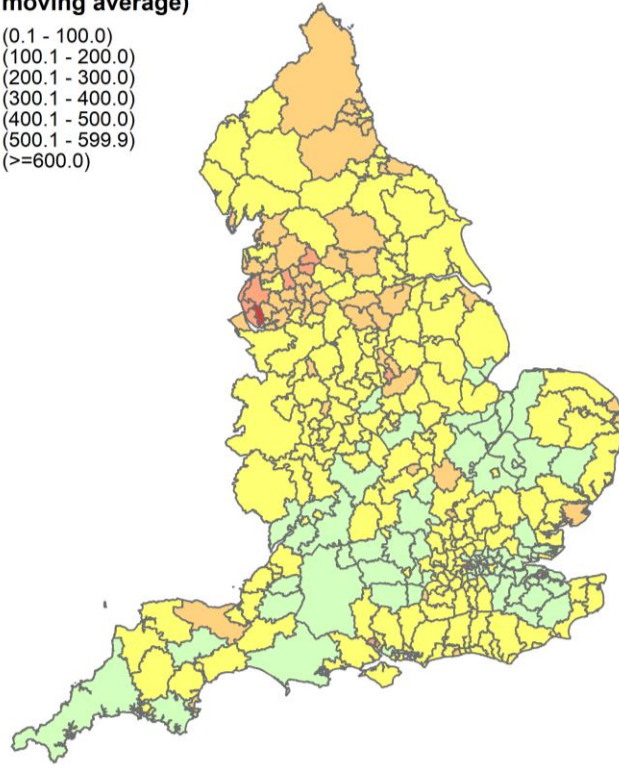
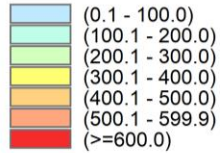
Please note: PHE has adjusted its approach to test positivity and testing rate metrics. Previously, any repeat tests for individuals since pandemic onset had been deduplicated. As the likelihood of individuals being tested multiple times has increased over time, test positivity and testing rate data are now deduplicated within each 7-day window. This change has been made in all OST outputs as of **20/10/2020** and applied retrospectively.

Please note: As of 13/10/2020, denominator data for case and testing rates have been updated to 2019 mid-year population estimates.

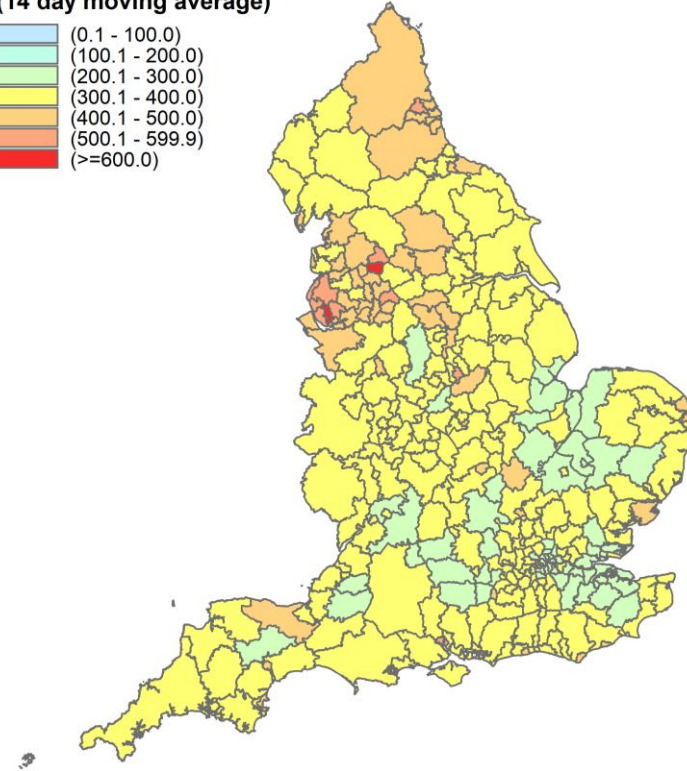
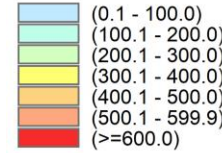
Testing: Individuals tested per 100,000 population per day

Data for specimens taken between 10 October and 16 October (7 day) and 3 October and 16 October (14 day)

Average number of individuals tested per 100,000 per day
(7 day moving average)



Average number of individuals tested per 100,000 per day
(14 day moving average)



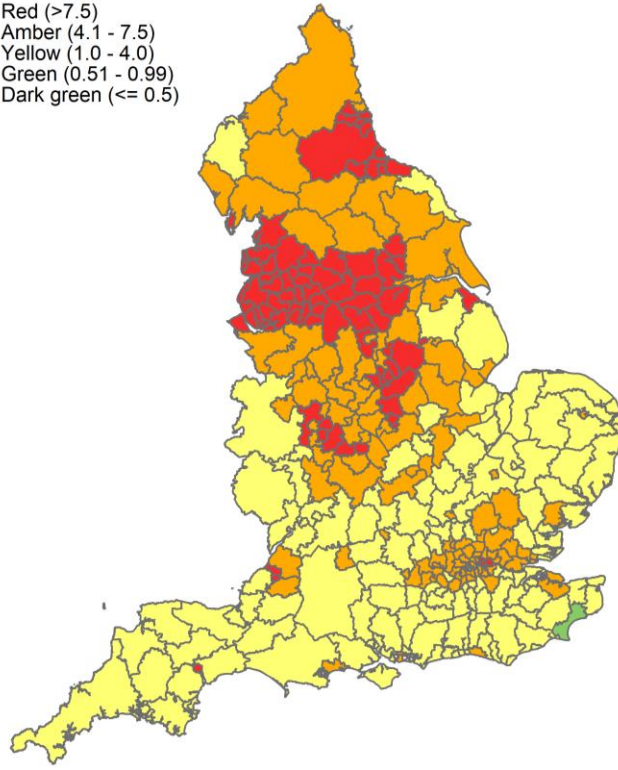
Local Authorities with the highest rate			
	Rate		Rate
Knowsley	611.2	Hammersmith and Fulham	531.4
Burnley	540	West Lancashire	518.7
Sefton	539.5	Blackburn with Darwen	510.7
Southampton	538.1	Nottingham	505.6
Pendle	535.2	Liverpool	501.1

Local Authorities with the highest rate			
	Rate		Rate
Knowsley	641.8	Liverpool	541.5
Burnley	612.3	West Lancashire	527.7
Southampton	561.2	Nottingham	527.6
Sefton	557.2	Oldham	513.1
Pendle	551.5	St. Helens	512.7

Testing: Individuals testing positive per 100 tests

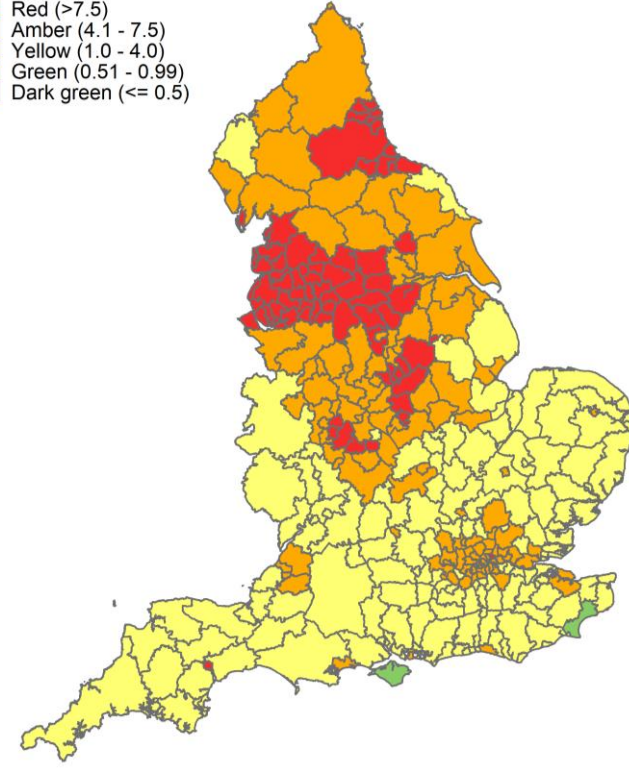
Data for specimens taken between 10 October and 16 October (7 day) and 3 October and 16 October (14 day)

Percentage of individuals testing positive (weekly) RAG



Local Authorities with the highest percentages			
	%		%
Nottingham	20.8	Rochdale	15.1
Liverpool	18.7	Burnley	15.1
Knowsley	16.7	Stockton-on-Tees	14.9
Blackburn with Darwen	15.8	Salford	14.9
Bolton	15.3	Hartlepool	14.7

Percentage of individuals testing positive (Fortnightly) RAG



Local Authorities with the highest percentages			
	%		%
Nottingham	24	Newcastle upon Tyne	14.3
Liverpool	18.4	Sheffield	14.3
Knowsley	16.5	Stockton-on-Tees	14.2
Manchester	15.3	Bolton	13.8
Blackburn with Darwen	14.4	Leeds	13.7

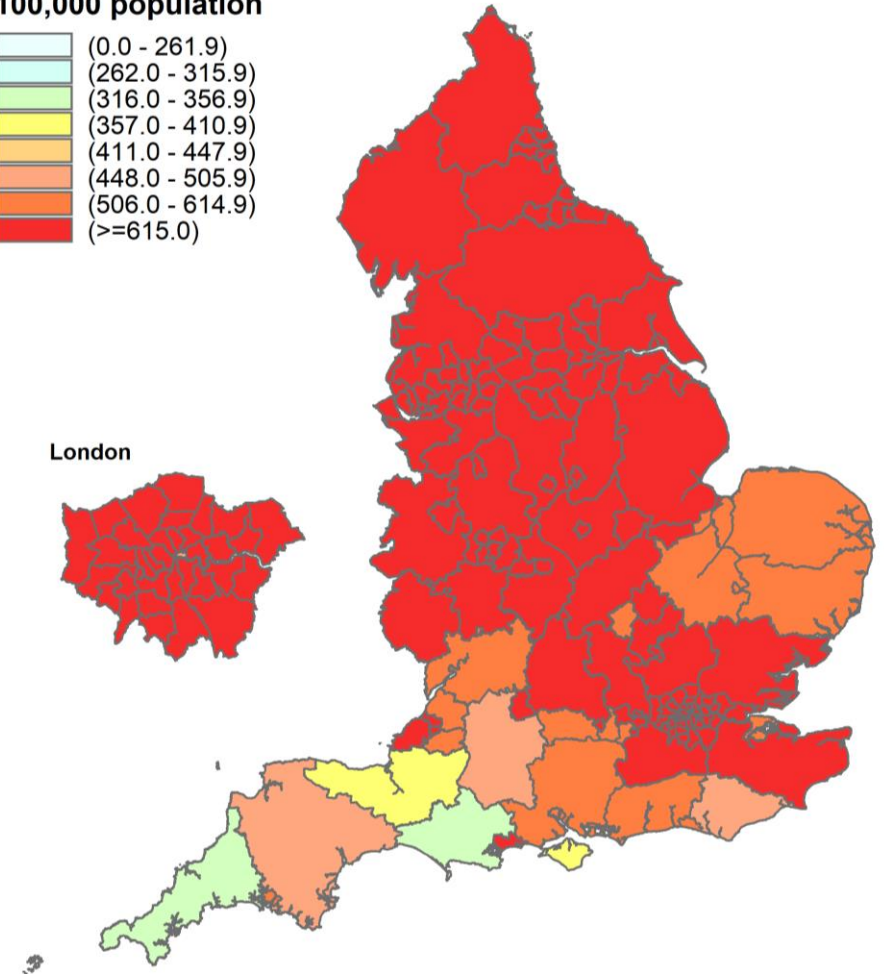
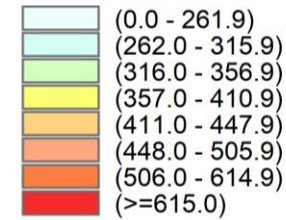
Cumulative case rates (up to 16 October 2020)

Cumulative rate of Pillar 1 and Pillar 2 COVID-19 cases (per 100,000) by upper-tier local authority in England* (n=618,591)

Excludes 13,569 COVID-19 cases for whom geographical information is to be confirmed.

Local Authorities with the highest cumulative rate	
	Rate
Knowsley	3260.6
Liverpool	3023.2
Blackburn with Darwen	2940.6
Oldham	2835.4
Manchester	2795.1
Rochdale	2680.2
Nottingham	2646.1
Bolton	2630.2
Bradford	2604.4
Leicester	2497.9
Bury	2416.4
St. Helens	2367.9
Newcastle upon Tyne	2361.1
Salford	2294.1
Sefton	2249.2

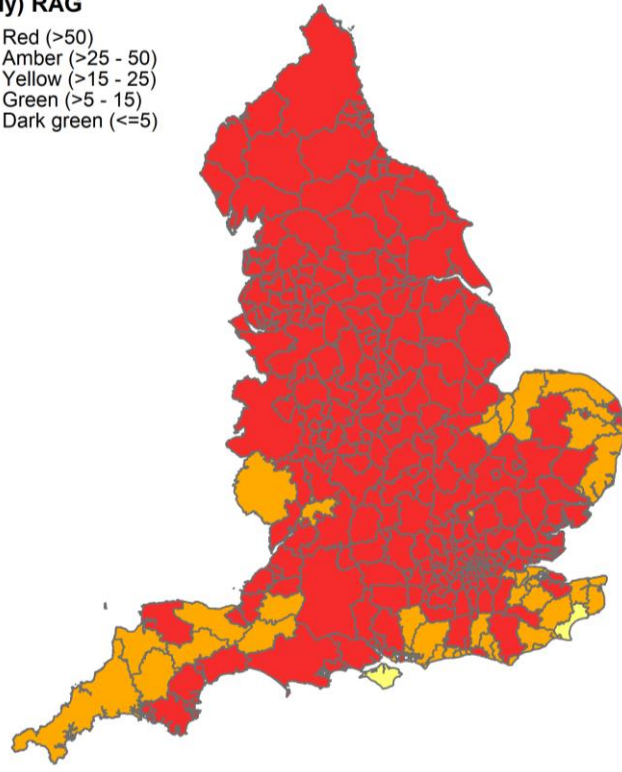
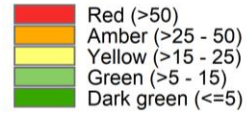
Cumulative case rate per 100,000 population



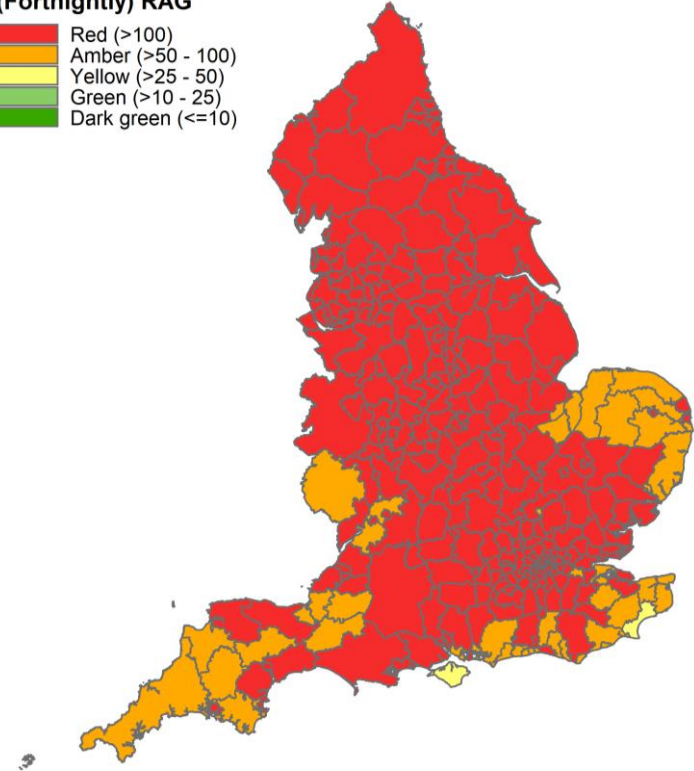
Average weekly case rates per 100,000 population by LA

Data for specimens taken between 10 October and 16 October (7 day) and 3 October and 16 October (14 day)

Case rate per 100,000 population
(Weekly) RAG



Case rate per 100,000 population
(Fortnightly) RAG



Local Authorities with the highest rate

	Rate		Rate
Nottingham	674.7	Rochdale	479.7
Knowsley	666.8	Rossendale	474.2
Liverpool	603.2	Wigan	457.9
Burnley	531.9	West Lancashire	450.5
Blackburn with Darwen	526.4	Pendle	439.7

Local Authorities with the highest rate

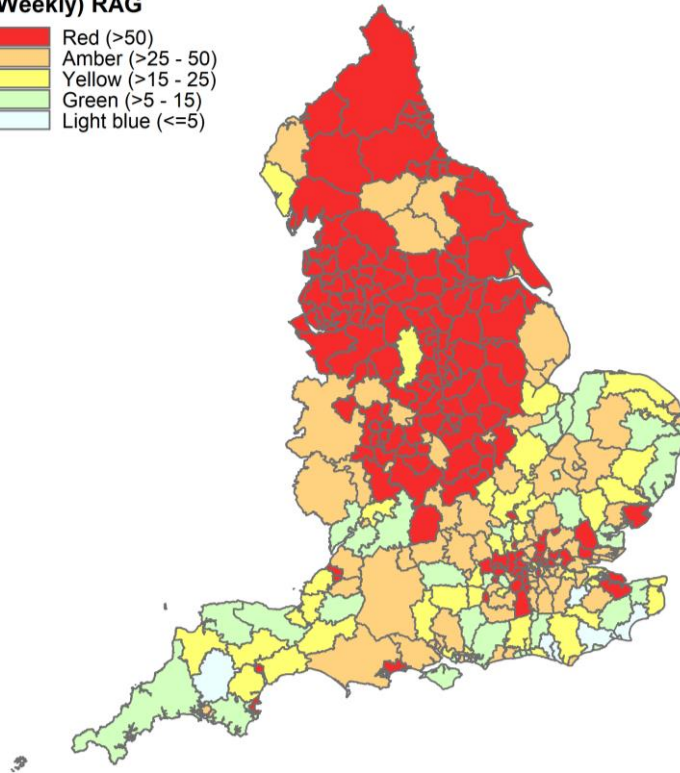
	Rate		Rate
Nottingham	1661.8	Manchester	924.1
Knowsley	1397.3	Sefton	910.2
Liverpool	1295.5	West Lancashire	907.2
Burnley	1098.7	Rochdale	887.5
Blackburn with Darwen	943.9	Sheffield	880.9

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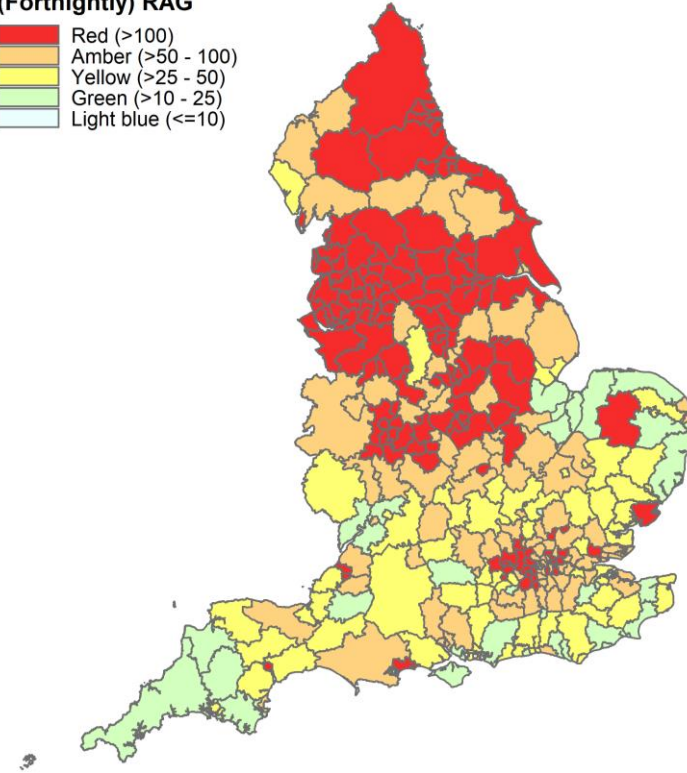
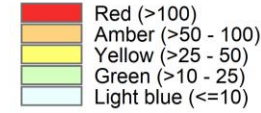
Average weekly case rates under 18s per 100,000 population by LA

Data for specimens taken between 10 October and 16 October (7 day) and 3 October and 16 October (14 day)

Case rate per 100,000 population U18s
(Weekly) RAG



Case rate per 100,000 population U18s
(Fortnightly) RAG



Local Authorities with the highest rate			
	Rate		Rate
Rossendale	350.8	West Lancashire	289
Pendle	320.4	Burnley	276.2
Knowsley	319.5	Preston	250.2
Ribble Valley	314.5	Manchester	245.7
Blackburn with Darwen	289.1	Oldham	241.6

Local Authorities with the highest rate			
	Rate		Rate
Knowsley	594.6	Ribble Valley	501.5
Pendle	585.1	Liverpool	490.4
Blackburn with Darwen	555	Burnley	484.5
Rossendale	554.8	West Lancashire	483.2
Manchester	509.3	Oldham	466.5

Rate of deaths within 28 days of a COVID-19 test (15 October 2020 to 21 October 2020)

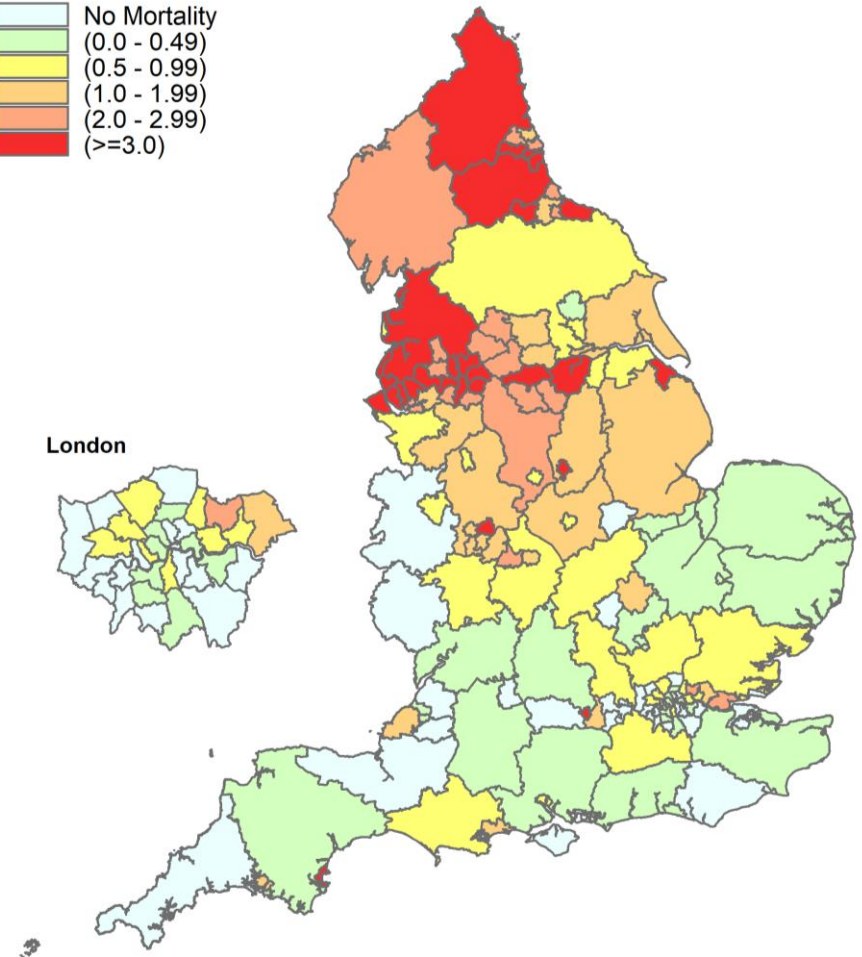
A total of **839** COVID-19 related deaths in England within 28 days of a COVID-19 test have been reported from **15 October 2020 to 21 October 2020**

Rates* of Pillar 1 and Pillar 2 COVID-19 related deaths (per 100,000) by upper-tier local authority, England* (**n=797**)

*Excludes 42 COVID-19 related deaths with geographical information to be confirmed.

Local Authorities with the highest rate	
	Rate
Sefton	9.8
Liverpool	9.6
Darlington	9.4
Gateshead	7.9
Wigan	7.0
Tameside	6.6
Sunderland	6.5
Torbay	5.9
Rochdale	5.8
St. Helens	5.5
County Durham	5.3
Redcar and Cleveland	4.4
Oldham	4.2
Bury	4.2
Doncaster	4.2

Deaths within 28 days of a COVID-19 test



Rate of deaths within 60 days of a COVID-19 test (15 October 2020 to 21 October 2020)

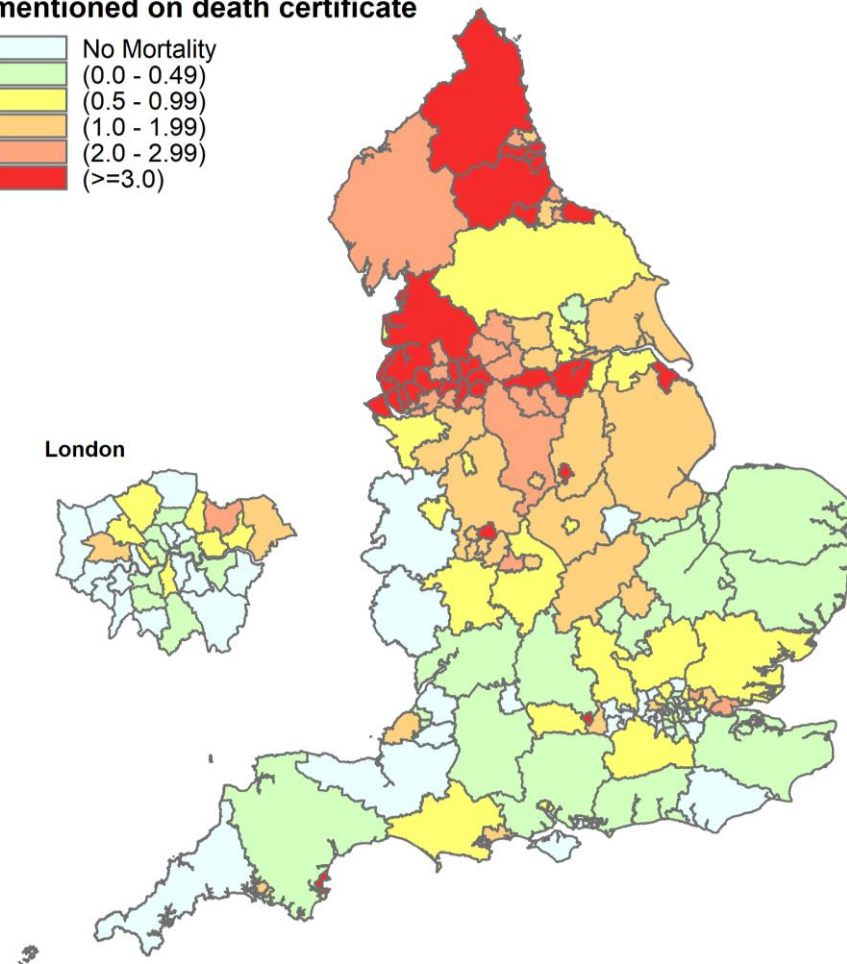
A total of **871** COVID-19 related deaths in England within 60 days of a COVID-19 test have been reported from **15 October 2020** to **21 October 2020**

Rates* of Pillar 1 and Pillar 2 COVID-19 related deaths (per 100,000) by upper-tier local authority, England* (**n=829**)

*Excludes 42 COVID-19 related deaths with geographical information to be confirmed.

Local Authorities with the highest rate	
	Rate
Liverpool	10.2
Sefton	9.8
Darlington	9.4
Gateshead	7.9
Tameside	7.1
Wigan	7.0
Sunderland	6.5
Torbay	5.9
Rochdale	5.8
St. Helens	5.5
County Durham	5.5
Redcar and Cleveland	4.4
Oldham	4.2
Bury	4.2
Doncaster	4.2

Deaths within 60 days of a COVID-19 test or COVID-19 mentioned on death certificate



Rate of deaths within 28 days of a COVID-19 test

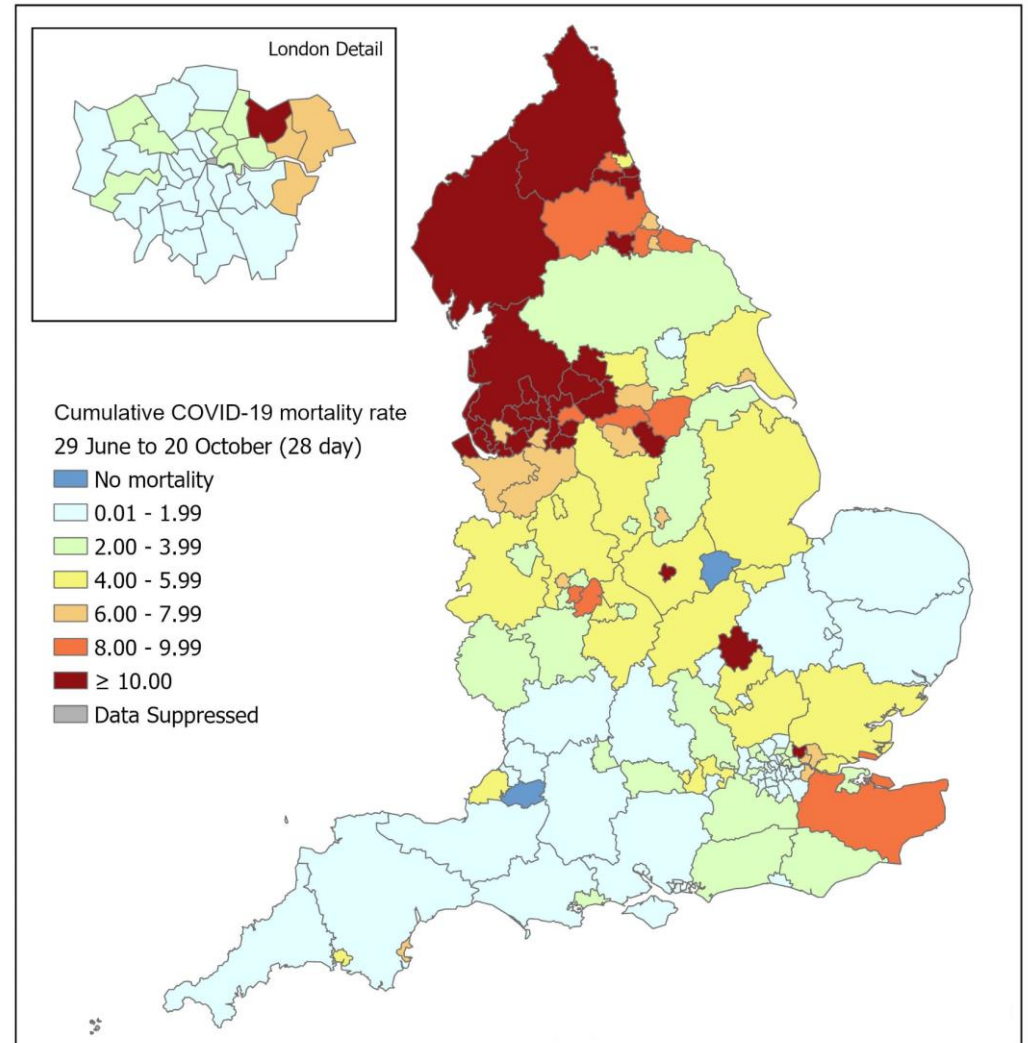
Cumulative from the 29 June to 20 October 2020

A total of **3,203 COVID-19 related deaths in England** have occurred since **29 June 2020** (week 27).

Rates* of Pillar 1 and Pillar 2 COVID-19 related deaths (per 100,000) by upper-tier local authority, England* (n=3,149)

*Excludes 54 COVID-19 related deaths with geographical information to be confirmed.

Local Authorities with the highest rate	
	Rate
Tameside	46.8
Liverpool	23.9
South Tyneside	22.5
Sefton	22.1
Sunderland	20.5
Rochdale	19.3
Darlington	17.8
Bolton	15.3
Salford	14.7
Knowsley	14.6
Halton	13.9
Gateshead	13.9
Kirklees	13.4
Wigan	13.4
Blackburn with Darwen	13.4



Rate of deaths within 60 days of a COVID-19 test

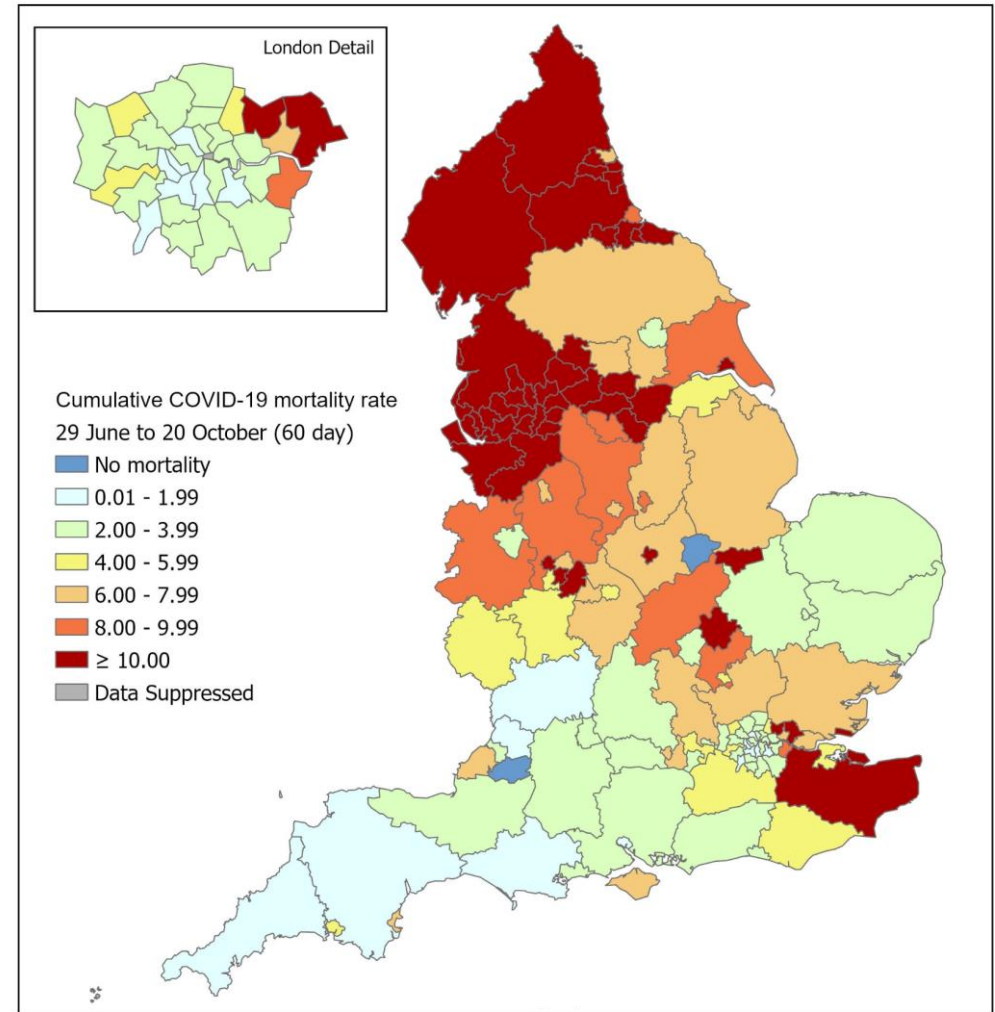
Cumulative from the 29 June to 20 October 2020

A total of **4,582 COVID-19 related deaths in England have occurred since 29 June 2020** (week 27).

Rates* of Pillar 1 and Pillar 2 COVID-19 related deaths (per 100,000) by upper-tier local authority, England* (n=4,527)

*Excludes 55 COVID-19 related deaths with geographical information to be confirmed.

Local Authorities with the highest rate	
	Rate
Tameside	57.0
South Tyneside	26.5
Liverpool	25.9
Sefton	25.3
Darlington	22.5
Rochdale	22.0
Sunderland	22.0
Stockport	19.4
Bedford	19.0
Bolton	18.8
Leicester	16.9
Gateshead	16.8
Bury	16.8
Bradford	16.7
Salford	16.6



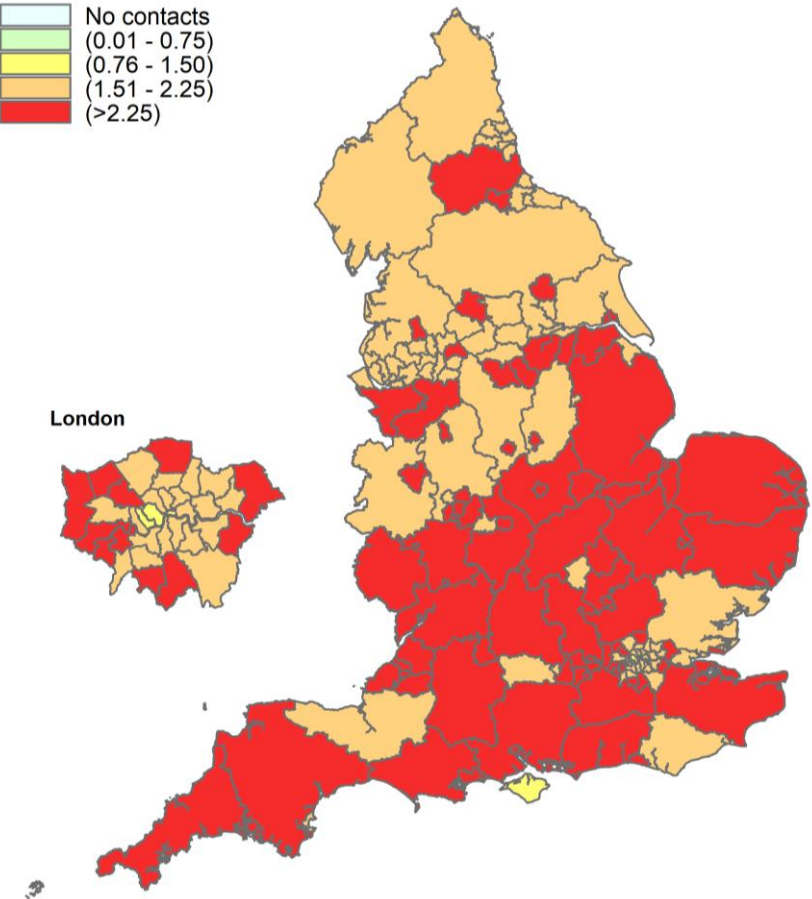
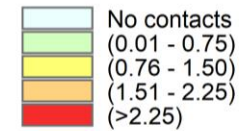
Contact tracing – 7 day

Data extracted 19 October 2020 – data up to 18 October 2020

Median number of individual contacts per case by lower-tier local authority, England, overall from **12 October** to **18 October 2020** (NHS Test and Trace).

Note this excludes contacts identified as part of complex situations managed by Level 1.

Median contacts per case 7 day



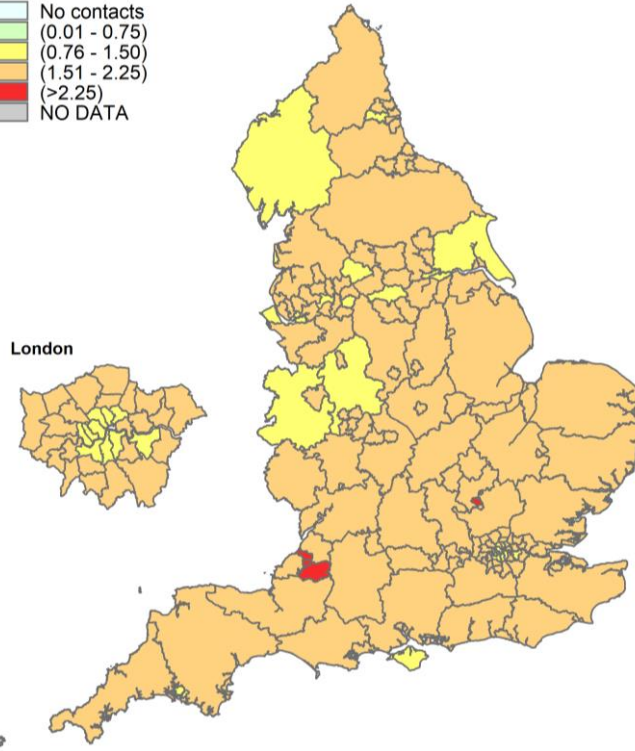
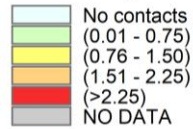
Contact tracing – 7 day

Data extracted 19 October 2020 – data up to 18 October 2020

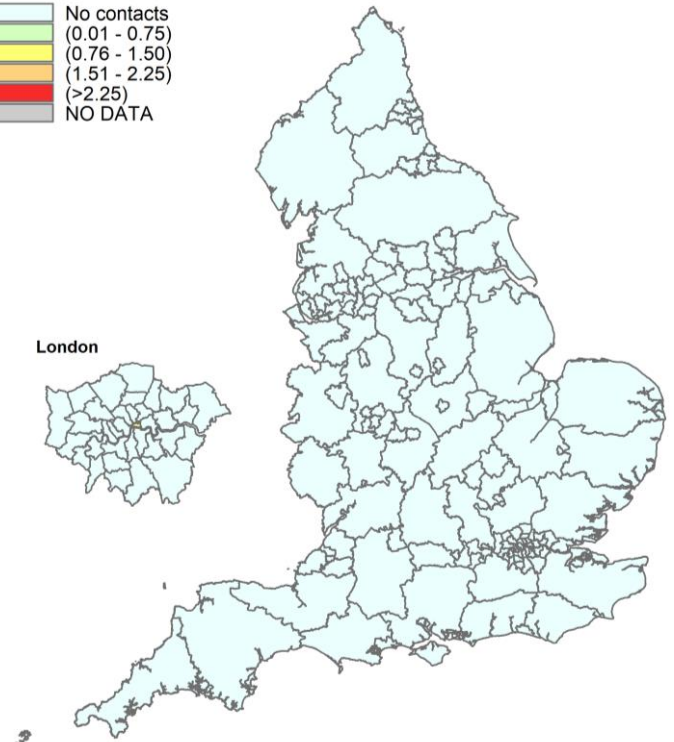
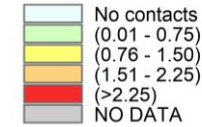
Median number of contacts per case by setting (household or other) by lower-tier local authority, England, overall from **12 October to 18 October 2020** (NHS Test and Trace).

Note that contacts with unknown geography are assigned to the upper-tier local authority of the case that identified them.

Contacts by household 7 day



Contacts by other setting 7 day

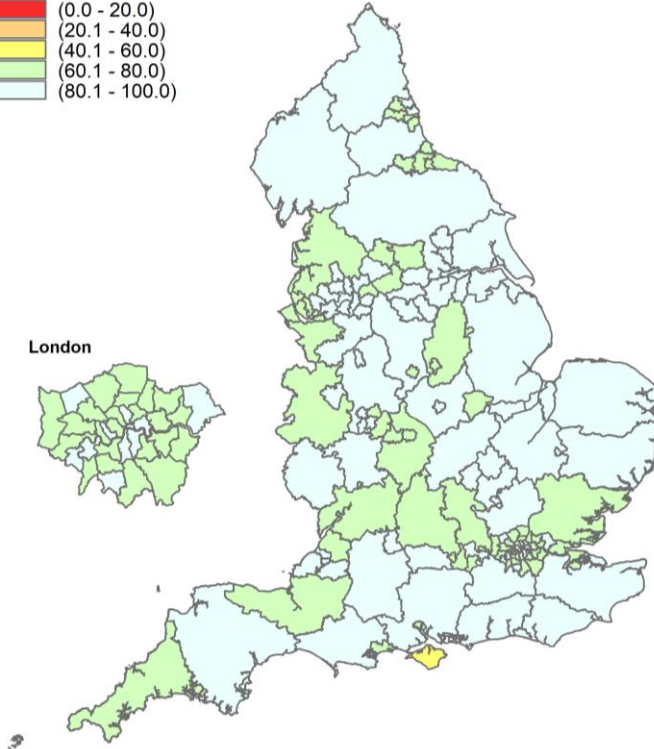
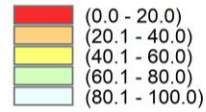


Contact tracing – 7 day

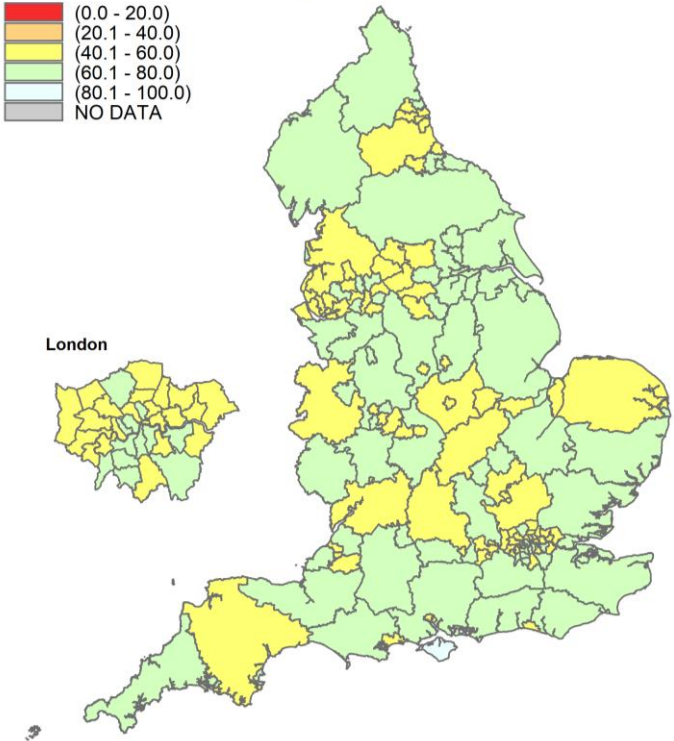
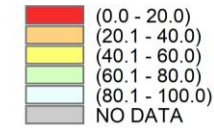
Data extracted 19 October 2020 – data up to 18 October 2020

Proportion of cases and contacts completing contact tracing by lower-tier local authority, England, overall from **12 October to 18 October 2020** (NHS Test and Trace).

Completion by case 7 day



Completion by contact 7 day



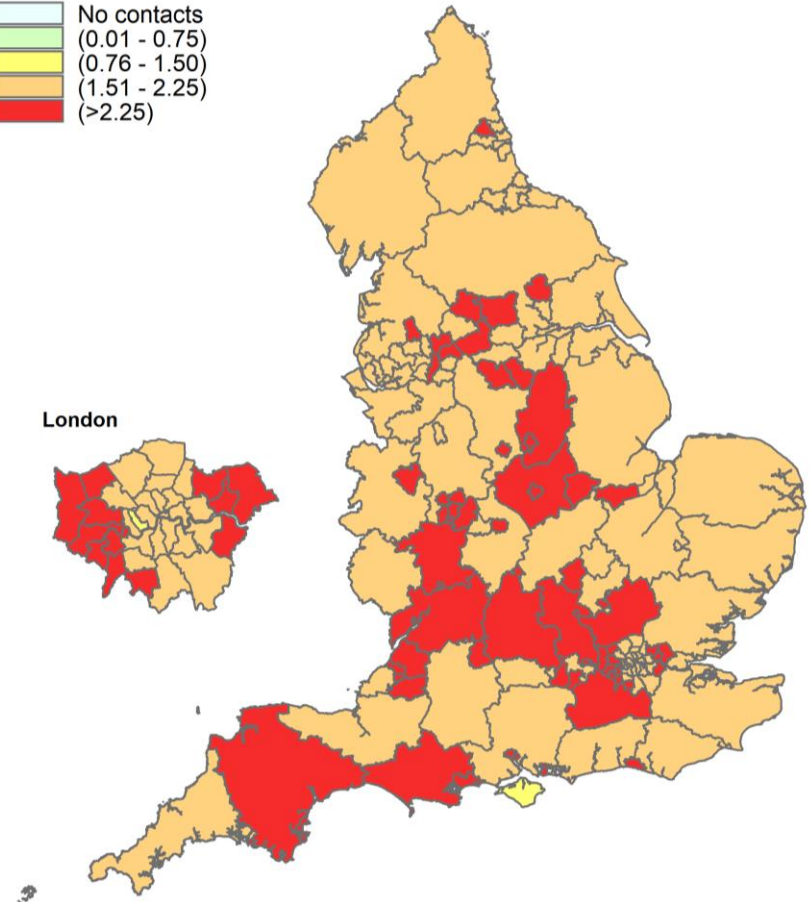
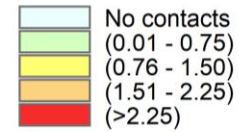
Contact tracing – cumulative

Data extracted 19 October 2020 – data up to 18 October 2020

Median number of individual contacts per case by lower-tier local authority, England, overall from **28 May** to **18 October 2020** (NHS Test and Trace).

Note this excludes contacts identified as part of complex situations managed by Level 1.

Median contacts per case cumulative

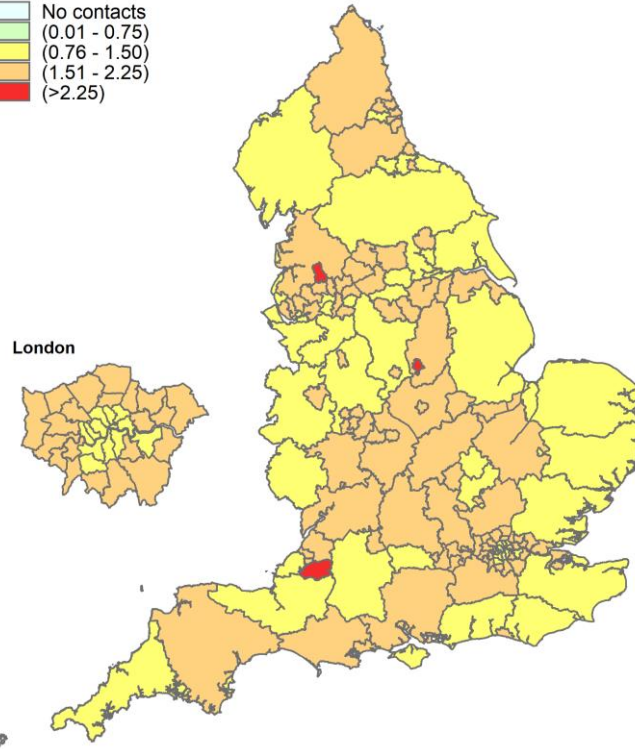
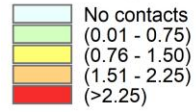


Contact tracing – cumulative

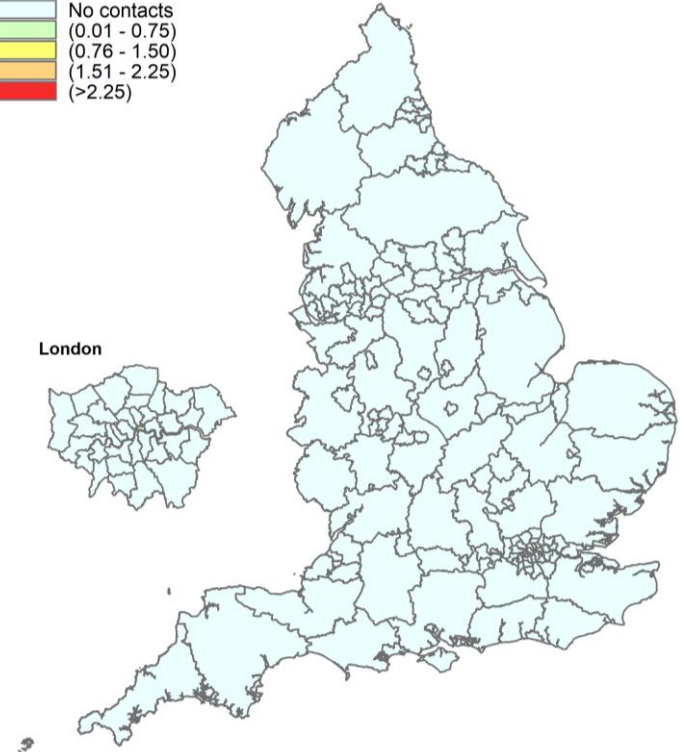
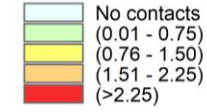
Data extracted 19 October 2020 – data up to 18 October 2020

Median number of contacts per case by setting (household or other) by lower-tier local authority, England, overall from **28 May to 18 October 2020** (NHS Test and Trace).

Contacts by household cumulative



Contacts by other setting cumulative



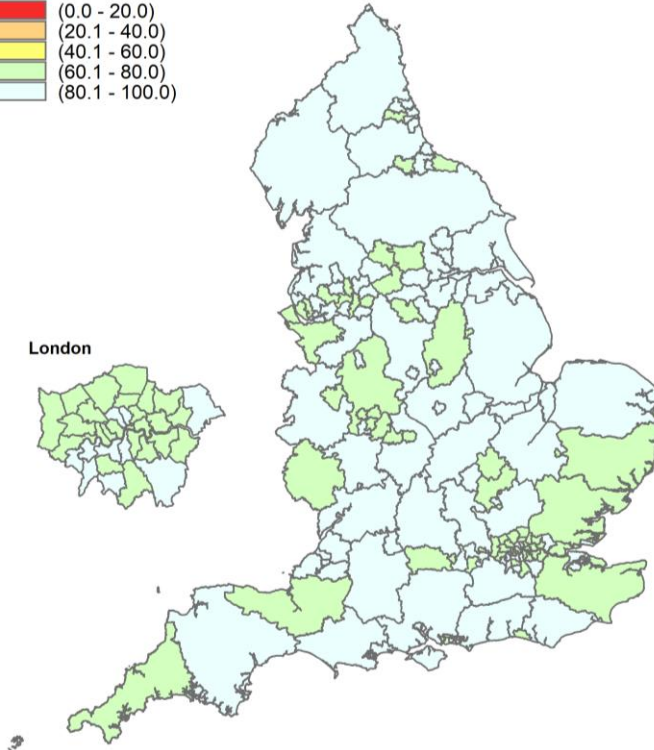
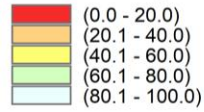
Contact tracing – cumulative

Data extracted 19 October 2020 – data up to 18 October 2020

Proportion of cases and contacts completing contact tracing by lower-tier local authority, England, overall from **28 May to 18 October 2020** (NHS Test and Trace).

Note that contacts with unknown geography are assigned to the upper-tier local authority of the case that identified them.

Completion by case cumulative



Completion by contact cumulative

