Public Health England

NHS Test and Trace

COVID-19 SITUATIONAL AWARENESS

SUMMARY

MAIN REPORT
01 June 2021

Contents

This situational awareness summary report collates information and intelligence from various sources. The summary will be provided daily and the content will continue to be developed.

- National context
- Case rate and case rate change maps
- High level summary tables
- [redacted]
- Case numbers by test type
- Case rates, [redacted], positivity and testing
- [redacted]

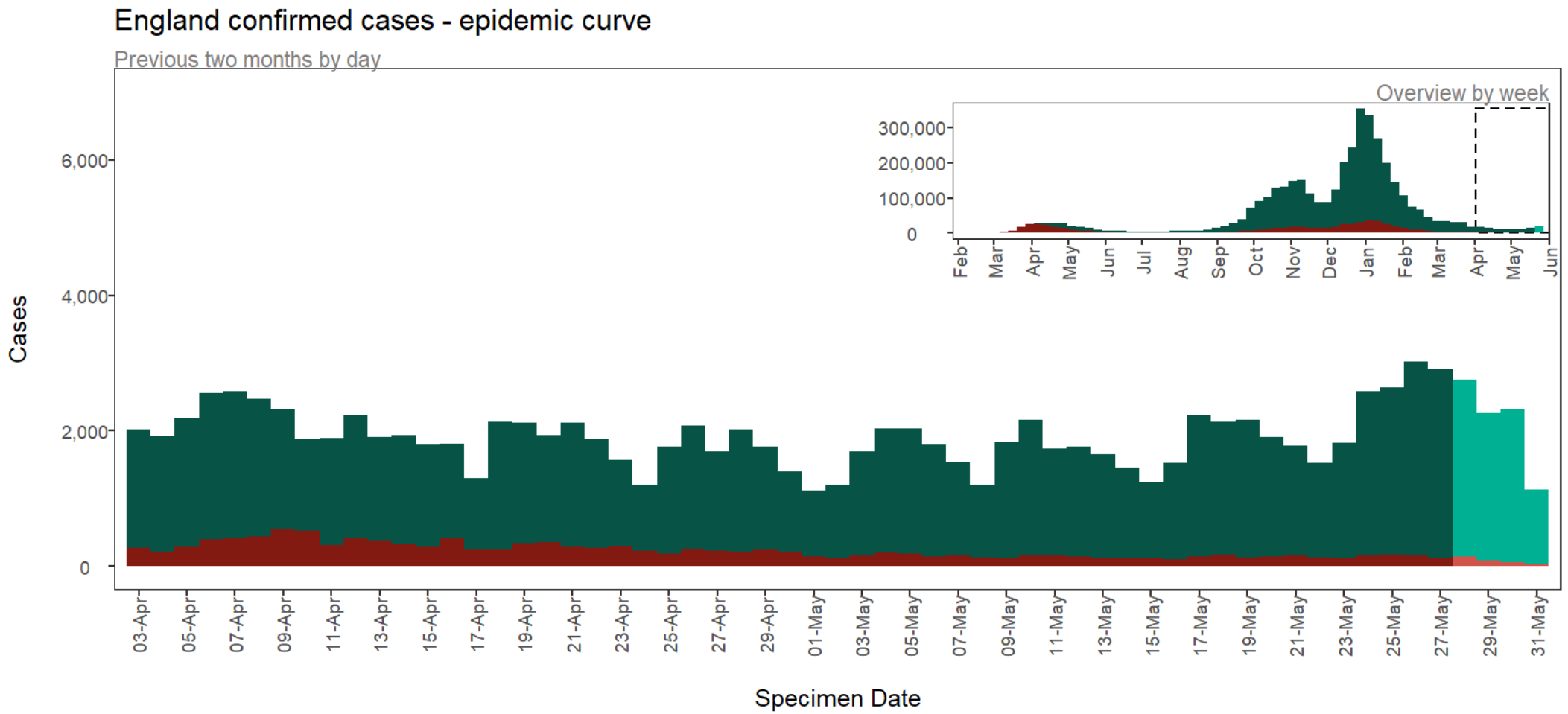
[redacted]

- Prevalence
- Hospitalisation
- [redacted]

[redacted]

Throughout the SAR:
Lower tier local authorities is used to represent local authority districts, unitary authorities, metropolitan district and London boroughs,
Upper tier local authorities is used to represent counties, metropolitan counties, London boroughs and unitary authorities

National context

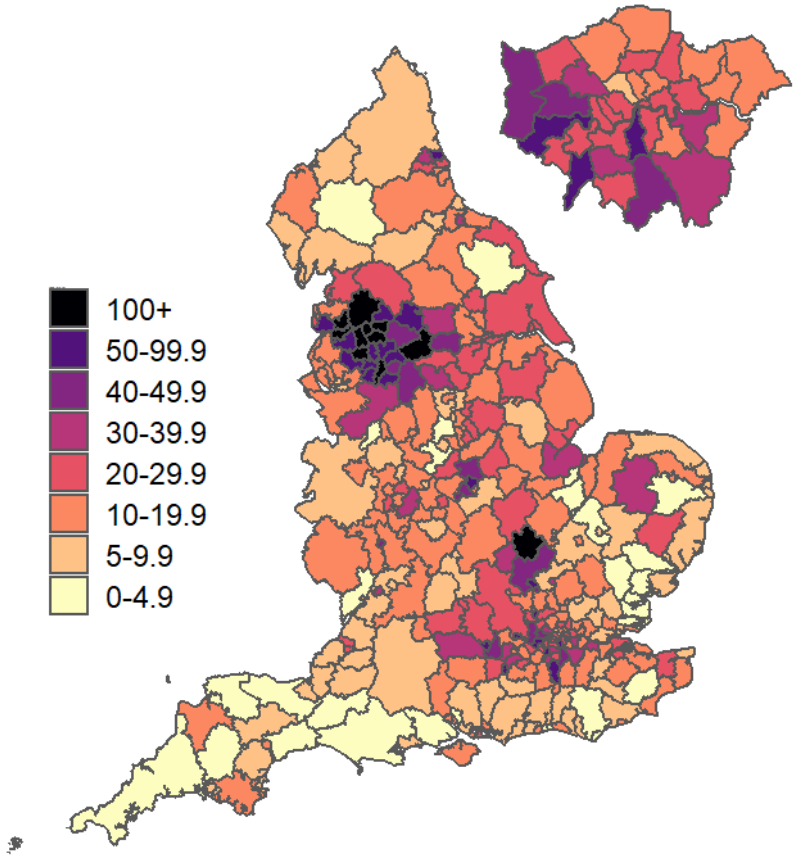


Bars shaded in **light red** and **light green** are provisional. Figures are expected to change as results are received for additional samples tested during this period.
Inset epi curve is based on weekly reports from date of first case diagnosed. Main epi curve shows daily cases truncated to show the previous two months.
Value labels are for combined **pillar 1** and **pillar 2** cases.

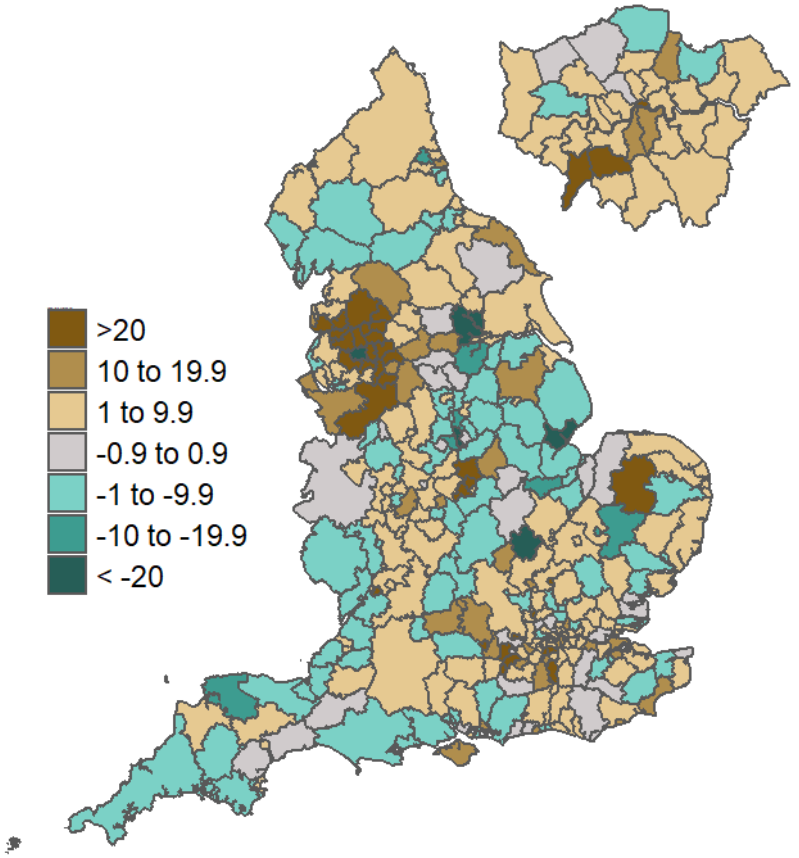
Produced by the Outbreak Surveillance Team, Public Health England.

Case Rates - Geographical spread of COVID-19 in England

Weekly case rates per 100,000 population
by local authority
21 May to 27 May 2021



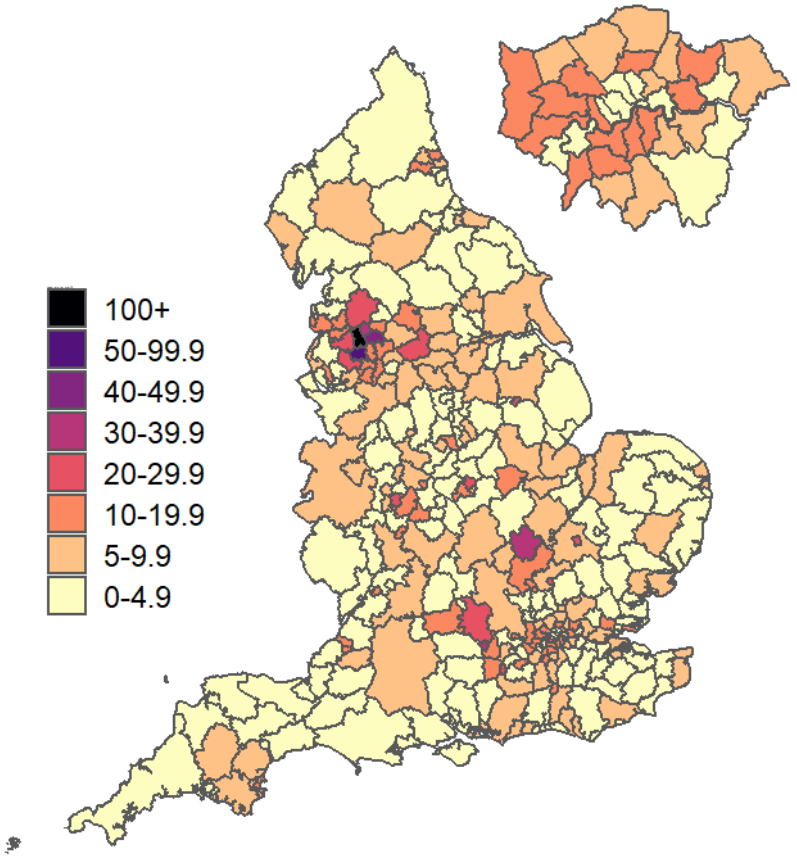
Absolute case rate change per 100,000 population
by local authority
14 May to 20 May 2021 and 21 May to 27 May 2021



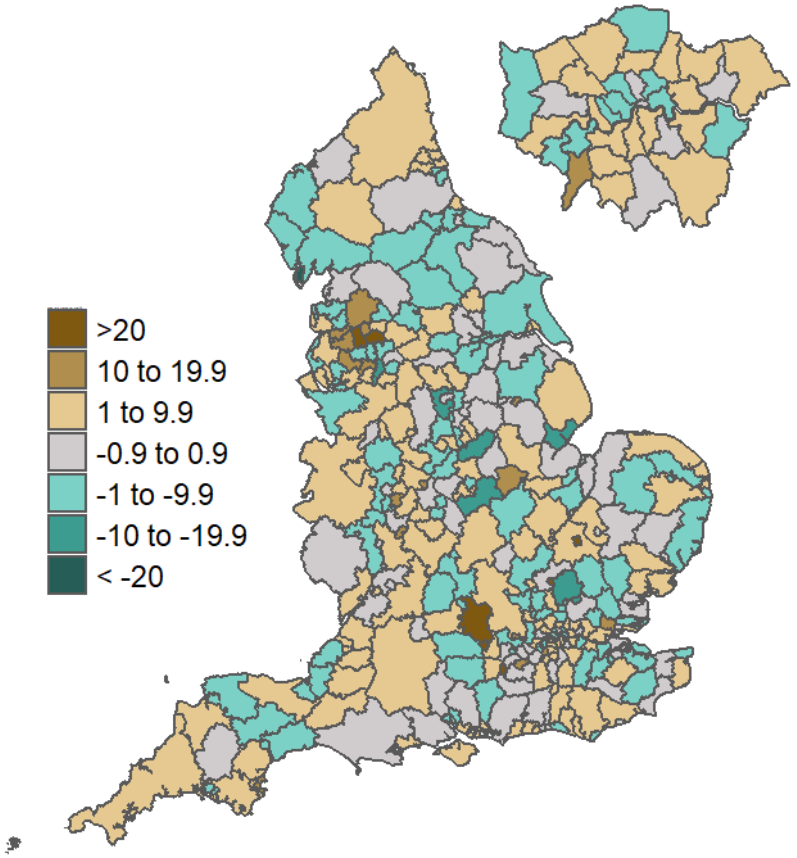
Data from SGSS; Pillar 1 and 2 testing. Figure by Outbreak Surveillance Team, Public Health England.
Contains National Statistics data including 2019 population estimates. Crown copyright and database right 2021

Case Rates - Geographical spread of COVID-19 in England (aged 60+ years)

Weekly case rates per 100,000 population
by local authority
21 May to 27 May 2021



Absolute case rate change per 100,000 population
by local authority
14 May to 20 May 2021 and 21 May to 27 May 2021



Data from SGSS; Pillar 1 and 2 testing. Figure by Outbreak Surveillance Team, Public Health England.
Contains National Statistics data including 2019 population estimates. Crown copyright and database right 2021

High level summary 1 - PHE regions

All indicators for the last 7 days (21 May 2021 to 27 May 2021)

Region	Individuals tested per day per 100,000 population		Percentage individuals test positive		Number of LTLAs by percentage individuals test positive RAG status			Percentage individual cases reporting symptoms		Case rate per 100,000 population, all ages		Number of LTLAs by case rate per 100,000 RAG status			Case rate per 100,000 population aged 60 years and over		Case rate per 100,000 population aged 11-16yrs		Case rate per 100,000 population aged 17-21yrs		Community outbreaks	Newly confirmed cases	Specimens tested with TaqPath assay	Cases with SGTF
	7-day moving average	7-day change, %	Weekly	7-day change, %	R	A	G	Weekly, Pillar 2 only	7-day change, %	Weekly	7-day change, %	R	A	G	Weekly	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Last 7 days	Last 7 days	Last 7 days, %	
East Midlands	349.0	+ 1.6%	0.9%	+12.5%	0	0	35	[redacted]		23.0	+ 8.5%	1	8	26	5.2	-11.9%	73.5	+ 12.6%	42.6	-0.7%	[redacted]	1,113	59.0%	33.7%
East of England	392.3	+ 2.6%	0.6%	0.0%	0	0	46			20.0	+13.6%	3	5	38	6.1	+19.6%	54.9	+ 30.7%	34.9	-11.4%		1,304	53.2%	26.1%
London	445.3	+14.3%	0.8%	0.0%	0	0	33			27.2	+27.7%	3	11	19	8.9	+25.4%	61.0	+ 30.3%	42.3	+10.2%		2,437	25.4%	22.4%
North East	379.0	+11.3%	0.7%	-12.5%	0	0	12			20.5	+ 5.7%	1	3	8	6.4	+30.6%	63.2	+ 1.8%	43.8	+54.2%		547	65.7%	51.2%
North West	386.9	-3.3%	2.7%	+58.8%	3	2	34			73.2	+49.7%	19	4	16	12.6	+ 9.6%	188.1	+ 50.2%	149.0	+91.3%		5,377	58.8%	11.1%
South East	384.1	+ 1.4%	0.6%	+50.0%	0	0	63			18.8	+63.5%	4	10	49	5.5	+48.6%	56.9	+118.8%	34.3	+51.1%		1,676	28.9%	17.7%
South West	378.3	+ 0.3%	0.3%	0.0%	0	0	30			8.7	-2.2%	0	1	29	4.4	+57.1%	13.0	-39.3%	14.4	-2.0%		491	7.2%	38.1%
West Midlands	377.0	+ 1.4%	0.7%	+40.0%	0	0	30			19.3	+24.5%	0	4	26	7.0	+55.6%	46.8	+ 18.5%	31.4	+ 6.8%		1,147	60.4%	26.4%
Yorkshire and Humber	352.9	+ 5.8%	1.5%	0.0%	0	0	21			38.2	+ 8.5%	2	5	14	7.8	+11.4%	103.4	+ 10.7%	70.0	+14.4%		2,100	56.8%	64.8%
England	**400.5**	**+ 3.7%**	**1.0%**	**+25.0%**	**3**	**2**	**304**			**28.9**	**+28.4%**	**33**	**51**	**225**	**7.2**	**+22.0%**	**75.6**	**+ 32.9%**	**53.8**	**+32.2%**		**16,293**	**41.6%**	**21.3%**

High level summary data definitions

Weekly case rate	Total number of newly confirmed cases in the most recent 7 day period per 100,000 population
Individuals tested per day per 100,000 (7-dma)	7-day moving average number of individuals tested per 100,000 population per day
Weekly percentage individuals test positive	Percentage of all individuals tested with specimen dates in the most recent 7 day period test positive for SARS CoV-2
Community outbreaks	Number of outbreaks reported to PHE during the 7 day period, excluding those reported from secondary healthcare and care home settings.

Data for positive cases with specimen dates between 21 May 2021 and 27 May 2021

7-day change % demonstrates how figures compare to the equivalent figure as of 20 May 2021

The proportion of samples tested with a TaqPath assay is low in some regions and LTLAs which increases uncertainty around the % of cases with SGTF. In addition, local trends in these data may be affected by decisions to direct the processing of samples via a TaqPath laboratory.

RAG rating thresholds

Percentage positive	Red >7.5%, Amber >4 to 7.5%
All cases / 11-16 / 17-21 year olds weekly case rate	Maroon >250 cases per week, Dark Red > 150 cases per week, Red >50 cases per 100,000 per week, Amber >25 per 100,000 per week
Age 60+ cases weekly case rate	Maroon >150 cases per week, Dark Red > 100 cases per week, Red >50 cases per 100,000 per week, Amber >25 per 100,000 per week
7-day change, %	Maroon > +100%, Dark Red > +50%, Red > +10%, Amber > -10%, Green < -10%

High level summary 2 - 20 Highest LTLAs by case rate

All indicators for the last 7 days (21 May 2021 to 27 May 2021)

Region	LTLA	Individuals tested per day per 100,000 population		Percentage individuals test positive		Percentage individual cases reporting symptoms		Case rate per 100,000 population, all ages			Case rate per 100,000 population aged 60 years and over		Case rate per 100,000 population aged 11-16yrs		Case rate per 100,000 population aged 17-21yrs		Community outbreaks	Newly confirmed cases	Specimens tested with TaqPath assay	Cases with SGTF
		7-day moving average	7-day change, %	Weekly	7-day change, %	Weekly, Pillar 2 only	7-day change, %	Weekly	3 week trend	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Last 7 days	Last 7 days	Last 7 days, %	
North West	Blackburn with Darwen	730.9	+46.8%	8.3%	+ 1.2%	[redacted]		416.2		+ 48.0%	122.4	+ 28.6%	898.8	+117.0%	677.4	-4.6%	[redacted]	[redacted]	75.6%	3.7%
North West	Bolton	610.6	-44.9%	9.4%	+ 54.1%			386.4		-14.5%	59.9	-2.6%	1113.6	-11.0%	557.1	+ 2.3%			73.6%	3.0%
North West	Rossendale	505.4	+34.6%	9.1%	+250.0%			316.2		+311.2%	45.2	+100.0%	1444.0	+280.0%	467.3	+ Inf%			70.9%	5.3%
North West	Hyndburn	489.9	+21.9%	4.7%	+ 88.0%			162.9		+144.6%	30.9	+100.6%	231.7	+ 99.9%	341.7	+114.2%			67.3%	6.6%
East of England	Bedford	803.1	+23.0%	3.0%	-28.6%			162.7		-12.7%	32.0	+ 44.1%	487.2	+ 1.6%	363.8	-20.0%			70.0%	4.6%
North West	Ribble Valley	399.6	+32.9%	4.4%	+300.0%			129.7		+427.2%	21.4	+100.0%	265.4	+500.5%	437.9	+225.1%			58.9%	3.0%
Yorkshire and Humber	Kirklees	479.4	+51.7%	3.6%	-14.3%			118.9		+ 20.0%	27.4	+ 55.7%	426.0	+ 31.8%	235.9	+ 15.1%			76.2%	65.5%
North West	Burnley	539.0	+14.7%	2.9%	+ 26.1%			114.7		+ 47.8%	18.3	+ 33.6%	121.0	-11.2%	310.1	+250.0%			68.1%	11.3%
North West	Preston	479.2	+ 6.2%	3.1%	+ 93.8%			112.5		+123.7%	17.8	-16.4%	225.3	+474.7%	296.5	+699.2%			57.2%	10.5%
North West	South Ribble	437.1	+ 9.5%	3.2%	+433.3%			105.6		+386.6%	19.6	+493.9%	119.0	+ Inf%	454.0	+200.1%			61.8%	6.2%
North West	Manchester	390.1	+ 7.3%	3.6%	+ 56.5%			100.6		+ 68.5%	12.6	-47.3%	257.1	+ 97.9%	120.6	+ 82.5%			53.0%	18.7%
North West	Salford	388.7	+ 7.6%	3.7%	+208.3%			98.1		+205.6%	14.4	+251.2%	215.4	+184.5%	169.3	+366.4%			49.3%	11.7%
North West	Bury	372.9	+13.4%	3.7%	+ 42.3%			97.4		+ 58.9%	19.8	-30.8%	386.7	+ 96.4%	229.7	+ 83.3%			60.2%	29.1%
North West	Chorley	514.2	+15.1%	2.6%	+ 44.4%			91.4		+ 56.5%	22.9	+252.3%	172.0	-22.2%	376.2	+ 66.7%			68.3%	14.3%
North West	Rochdale	420.9	+15.9%	2.9%	+ 52.6%			84.1		+ 83.2%	16.4	-20.0%	182.8	+ 47.7%	189.2	+109.1%			67.4%	23.3%
North West	Pendle	448.1	+16.0%	2.9%	+ 70.6%			83.6		+ 67.5%	4.4	-66.9%	120.4	+100.0%	171.1	+ 99.9%			61.5%	0.0%
East Midlands	Leicester	402.0	+ 8.7%	2.8%	+ 21.7%			81.3		+ 39.7%	20.3	-29.5%	222.4	+ 93.4%	130.6	+ 9.5%			64.1%	12.8%
East of England	Watford	485.3	-0.7%	2.2%	+120.0%			76.6		+117.6%	0.0	-100.0%	122.3	+ 50.1%	65.0	0.0%			42.4%	10.6%
North West	Wigan	360.8	-0.7%	2.9%	+ 81.2%			72.7		+ 74.3%	27.0	+175.5%	108.4	+ 56.2%	115.6	+ 26.8%			57.5%	5.3%
South East	Reigate and Banstead	403.8	-2.6%	2.3%	+360.0%			72.6		+286.2%	5.7	0.0%	605.5	+407.5%	47.2	+ 49.8%			28.4%	2.2%
	England	**400.5**	**+ 3.7%**	**1.0%**	**+ 25.0%**			**28.9**		**+ 28.4%**	**7.2**	**+ 22.0%**	**75.6**	**+ 32.9%**	**53.8**	**+ 32.2%**		**16,293**	**41.6%**	**21.3%**

High level summary 3 - LTLAs not included in summary table 2 where the weekly case rate has risen >10% from the previous week

All indicators for the last 7 days (21 May 2021 to 27 May 2021)

Region	LTLA	Individuals tested per day per 100,000 population		Percentage individuals test positive		Percentage individual cases reporting symptoms		Case rate per 100,000 population, all ages			Case rate per 100,000 population aged 60 years and over		Case rate per 100,000 population aged 11-16yrs		Case rate per 100,000 population aged 17-21yrs		Community outbreaks	Newly confirmed cases	Specimens tested with TaqPath assay	Cases with SGTF
		7-day moving average	7-day change, %	Weekly	7-day change, %	Weekly, Pillar 2 only	7-day change, %	Weekly	3 week trend	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Last 7 days	Last 7 days	Last 7 days, %	
East Midlands	Charnwood	298.7	-0.2%	2.1%	+320.0%	[redacted]		49.5		+266.7%	4.6	+ Inf%	191.9	+1002.9%	28.8	+ 66.5%	[redacted]	[redacted]	57.7%	5.6%
North West	Fylde	499.4	+10.7%	1.9%	+375.0%			68.1		+243.9%	14.3	+101.4%	611.9	+ 342.8%	90.0	+ 50.0%			49.7%	29.5%
South West	Gloucester	443.9	+ 3.1%	1.1%	+266.7%			37.9		+226.7%	10.4	+ 50.7%	22.2	0.0%	91.7	+600.0%			1.1%	-
North West	Stockport	340.9	+ 6.9%	2.5%	+212.5%			58.6		+196.0%	5.3	+ 32.5%	110.7	+ 130.1%	166.4	+175.0%			50.8%	11.3%
East Midlands	Blaby	285.2	-4.6%	2.0%	+185.7%			43.3		+144.6%	11.3	+197.4%	192.6	+1295.7%	150.7	+249.7%			58.3%	12.5%
North West	Oldham	341.1	+11.0%	2.7%	+125.0%			63.7		+139.5%	7.9	0.0%	231.2	+ 221.6%	134.7	+111.1%			62.6%	32.1%
South East	Slough	400.5	+12.2%	2.0%	+ 66.7%			62.2		+121.4%	18.6	+295.7%	159.5	+ 424.7%	92.0	+133.5%			19.2%	6.2%
South East	Reading	471.0	+ 4.9%	2.1%	+ 75.0%			70.5		+ 93.2%	36.8	+397.3%	63.9	+ 75.1%	123.1	+400.4%			31.3%	7.7%
South East	Rushmoor	719.6	+52.5%	1.0%	+ 25.0%			52.9		+ 85.6%	21.3	+ Inf%	78.5	+ 66.7%	154.3	+601.4%			26.0%	0.0%
North West	Tameside	299.7	+ 0.1%	1.8%	+ 63.6%			40.6		+ 83.7%	1.9	-50.0%	50.5	+ 100.4%	69.7	+300.6%			57.1%	13.3%
London	Kingston upon Thames	385.3	+11.1%	2.4%	+ 50.0%			70.4		+ 66.4%	18.2	+506.7%	210.4	+ 549.4%	150.5	+ 7.2%			15.9%	0.0%
South East	Wokingham	339.0	+ 6.5%	1.5%	+ 50.0%			45.6		+ 62.3%	10.1	+ 32.9%	147.7	+ 233.4%	141.0	+500.0%			31.0%	6.7%
London	Lambeth	415.6	+ 7.3%	1.9%	+ 58.3%			54.9		+ 43.3%	17.7	+ 75.2%	120.7	-25.8%	92.4	+ 44.4%			22.9%	16.4%
East Midlands	High Peak	389.7	+15.0%	1.7%	+ 13.3%			47.5		+ 41.8%	7.7	+102.6%	114.3	+ 249.5%	91.7	+300.4%			66.0%	22.7%
East of England	Luton	495.5	-1.5%	1.8%	+ 28.6%			67.1		+ 34.7%	13.8	+ 66.3%	202.6	+ 169.4%	98.8	-7.7%			45.6%	9.7%
Yorkshire and Humber	Wakefield	347.9	+ 5.4%	1.7%	+ 21.4%			45.6		+ 32.2%	8.0	-13.0%	111.3	+ 30.0%	74.1	+ 19.9%			64.8%	66.7%
East of England	Central Bedfordshire	374.0	+ 3.9%	1.5%	+ 25.0%			41.9		+ 22.2%	11.7	-20.4%	138.7	+ 133.5%	77.4	+ 25.0%			50.1%	0.0%
Yorkshire and Humber	Calderdale	362.5	+ 7.0%	2.0%	+ 25.0%			48.7		+ 12.0%	7.6	+ 33.3%	58.6	-47.1%	179.1	+ 46.1%			61.2%	40.6%
London	Croydon	369.9	-4.4%	1.6%	+ 14.3%			41.4		+ 11.3%	6.9	0.0%	112.9	+ 36.0%	72.5	+ 55.6%			25.0%	8.8%
London	Hounslow	653.7	+48.7%	1.2%	-29.4%			57.1		+ 10.7%	17.4	+ 32.8%	157.7	+ 36.3%	81.0	-15.4%			19.8%	10.8%
	England	**400.5**	**+ 3.7%**	**1.0%**	**+ 25.0%**			**28.9**		**+ 28.4%**	**7.2**	**+ 22.0%**	**75.6**	**+ 32.9%**	**53.8**	**+ 32.2%**		**16,293**	**41.6%**	**21.3%**

High level summary 4 - 20 Highest LTLAs by case rate in individuals aged 60 years and over

All indicators for the last 7 days (21 May 2021 to 27 May 2021)

Region	LTLA	Individuals tested per day per 100,000 population		Percentage individuals test positive		Percentage individual cases reporting symptoms		Case rate per 100,000 population, all ages			Case rate per 100,000 population aged 60 years and over		Case rate per 100,000 population aged 11-16yrs		Case rate per 100,000 population aged 17-21yrs		Community outbreaks	Newly confirmed cases	Specimens tested with TaqPath assay	Cases with SGTF
		7-day moving average	7-day change, %	Weekly	7-day change, %	Weekly, Pillar 2 only	7-day change, %	Weekly	3 week trend	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Last 7 days	Last 7 days	Last 7 days, %	
North West	Blackburn with Darwen	730.9	+46.8%	8.3%	+ 1.2%	[redacted]		416.2		+ 48.0%	122.4	+ 28.6%	898.8	+117.0%	677.4	-4.6%	[redacted]		75.6%	3.7%
North West	Bolton	610.6	-44.9%	9.4%	+ 54.1%			386.4		-14.5%	59.9	-2.6%	1113.6	-11.0%	557.1	+ 2.3%			73.6%	3.0%
North West	Rossendale	505.4	+34.6%	9.1%	+250.0%			316.2		+311.2%	45.2	+100.0%	1444.0	+280.0%	467.3	+ Inf%			70.9%	5.3%
South East	Reading	471.0	+ 4.9%	2.1%	+ 75.0%			70.5		+ 93.2%	36.8	+397.3%	63.9	+ 75.1%	123.1	+400.4%			31.3%	7.7%
East of England	Bedford	803.1	+23.0%	3.0%	-28.6%			162.7		-12.7%	32.0	+ 44.1%	487.2	+ 1.6%	363.8	-20.0%			70.0%	4.6%
North West	Hyndburn	489.9	+21.9%	4.7%	+ 88.0%			162.9		+144.6%	30.9	+100.6%	231.7	+ 99.9%	341.7	+114.2%			67.3%	6.6%
East of England	Cambridge	470.4	+ 2.2%	0.3%	+ 50.0%			12.8		+ 77.8%	27.9	+ Inf%	27.1	+ Inf%	12.4	+ Inf%			30.2%	33.3%
Yorkshire and Humber	Kirklees	479.4	+51.7%	3.6%	-14.3%			118.9		+ 20.0%	27.4	+ 55.7%	426.0	+ 31.8%	235.9	+ 15.1%			76.2%	65.5%
East of England	Stevenage	353.9	-6.1%	1.0%	+150.0%			30.7		+237.4%	27.3	+396.4%	32.1	+100.6%	71.5	+200.4%			64.8%	38.5%
North West	Wigan	360.8	-0.7%	2.9%	+ 81.2%			72.7		+ 74.3%	27.0	+175.5%	108.4	+ 56.2%	115.6	+ 26.8%			57.5%	5.3%
South East	South Oxfordshire	349.9	-3.9%	0.8%	+700.0%			21.8		+522.9%	23.5	+803.8%	68.3	+596.9%	16.1	0.0%			38.4%	25.0%
North West	Chorley	514.2	+15.1%	2.6%	+ 44.4%			91.4		+ 56.5%	22.9	+252.3%	172.0	-22.2%	376.2	+ 66.7%			68.3%	14.3%
North West	Ribble Valley	399.6	+32.9%	4.4%	+300.0%			129.7		+427.2%	21.4	+100.0%	265.4	+500.5%	437.9	+225.1%			58.9%	3.0%
West Midlands	Sandwell	371.2	+ 5.8%	0.7%	-12.5%			17.7		-11.9%	21.4	+132.6%	19.2	-28.6%	16.4	-62.6%			56.8%	50.0%
South East	Rushmoor	719.6	+52.5%	1.0%	+ 25.0%			52.9		+ 85.6%	21.3	+ Inf%	78.5	+ 66.7%	154.3	+601.4%			26.0%	0.0%
East Midlands	Leicester	402.0	+ 8.7%	2.8%	+ 21.7%			81.3		+ 39.7%	20.3	-29.5%	222.4	+ 93.4%	130.6	+ 9.5%			64.1%	12.8%
East Midlands	Lincoln	362.1	-0.1%	0.8%	+ 33.3%			19.1		+ 18.6%	20.2	+304.0%	37.1	+ Inf%	14.3	0.0%			65.1%	91.7%
North East	North Tyneside	594.1	+63.0%	1.3%	-35.0%			56.3		+ 7.4%	19.9	+ 37.2%	123.1	-5.5%	191.4	+350.4%			76.8%	30.1%
North West	Bury	372.9	+13.4%	3.7%	+ 42.3%			97.4		+ 58.9%	19.8	-30.8%	386.7	+ 96.4%	229.7	+ 83.3%			60.2%	29.1%
North West	South Ribble	437.1	+ 9.5%	3.2%	+433.3%			105.6		+386.6%	19.6	+493.9%	119.0	+ Inf%	454.0	+200.1%			61.8%	6.2%
	England	**400.5**	**+ 3.7%**	**1.0%**	**+ 25.0%**			**28.9**		**+ 28.4%**	**7.2**	**+ 22.0%**	**75.6**	**+ 32.9%**	**53.8**	**+ 32.2%**		**16,293**	**41.6%**	**21.3%**

High level summary 5 – Hospital indicators - England

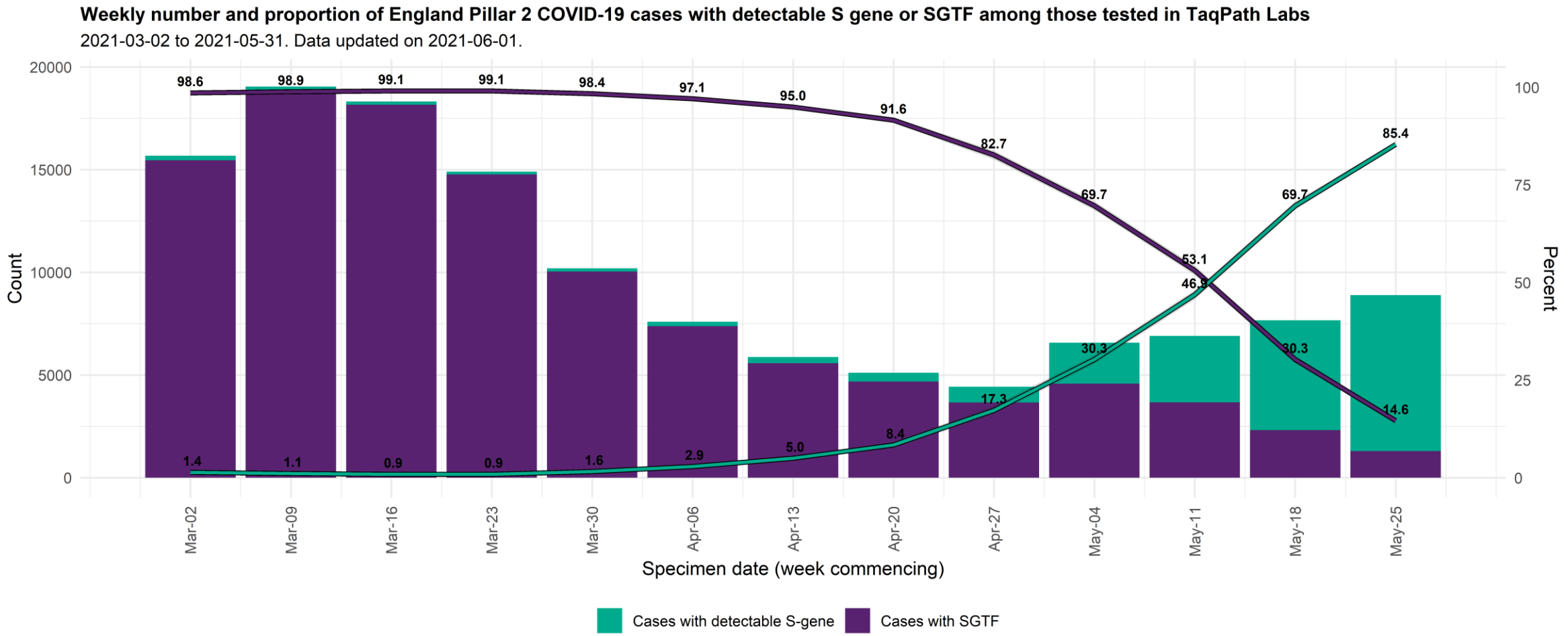
Hospital indicators: high-level summary by region

	New COVID-19 patients admitted to hospital			Number of COVID-19 patients in hospital			Mechanical ventilation beds occupied by COVID-19 patients		
	30 May 2021	7-day change	21-day trend	30 May 2021	7-day change	21-day trend	30 May 2021	7-day change	21-day trend
Total									
England	[redacted]	2.5%		[redacted]	1.0%		[redacted]	3.6%	
By region									
East Midlands		−28.6%			−15.5%			−12.5%	
East of England		60.0%			30.8%			40.0%	
London		6.2%			−0.9%			−10.9%	
North East		−25.0%			−25.8%			−50.0%	
North West		27.8%			7.7%			94.4%	
South East		75.0%			13.3%			−16.7%	
South West		−60.0%			−18.8%			0.0%	
West Midlands		−33.3%			−7.2%			−37.5%	
Yorkshire and The Humber		0.0%			7.0%			−21.4%	

Source: NHS England & Improvement COVID-19 Hospital Activity Data, from 03 May 2021 to 30 May 2021. Values in parentheses are change from the previous day. All values are 7-day averages, i.e. mean averages of daily values from the 7 days up to and including the date in the column heading; totals are presented as integers, which may lead to small discrepancies due to rounding. The '7-day change' columns reflect the difference in 7-day average values compared to the value one week prior. Scale within each 'trend' column is consistent across all regions, except for the total row, which is scaled independently. Produced by Joint Biosecurity Centre.

NOTE: All values are 7-day averages rounded up to the nearest whole number. As a result of rounding, there may be a small discrepancy between the regional sum and the total England value. Relative changes on small numbers can result in a large percentage change.

Tracking SARS-COV-2 S-Gene Target Failure – Weekly SGTF case numbers over time

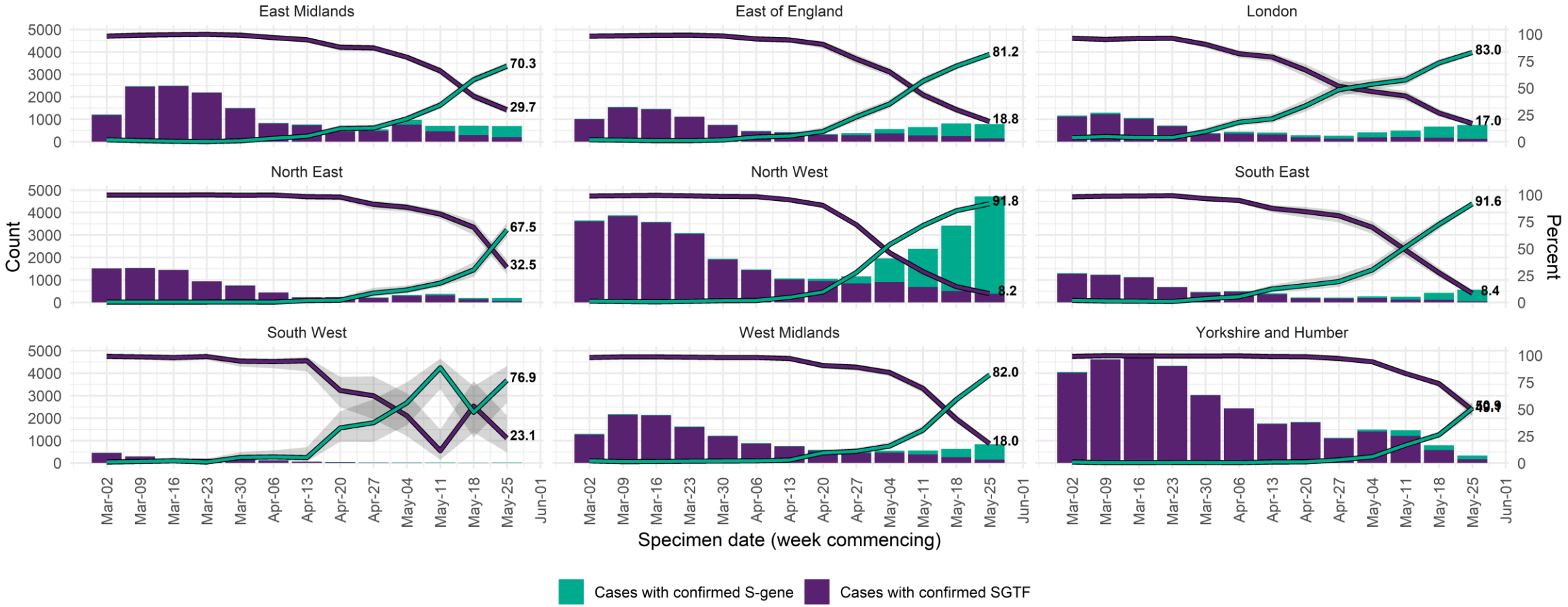


A detectable S gene may indicate a VOC case since April 2021; this continues to be monitored. SGTF is a surveillance proxy for VOC-20DEC-01 and may include other variants.
Local trends in these data may be affected by decisions to direct the processing of samples via a TaqPath laboratory. TaqPath coverage is lower in SW and NE particularly.
Only tests carried out with the TaqPath PCR assay and with confirmed SGTF or S gene results included, from Newcastle, Alderley Park, Milton Keynes and Glasgow Lighthouse Labs.
Confirmed SGTF: Non-detectable S gene and <=30 CT values for N and ORF1ab genes. Confirmed S-gene: <=30 CT values for S, N, and ORF1ab genes.
Data source: SGSS. Cases deduplicated to one positive test per person per week, prioritising SGTF tests.
Produced by Outbreak Surveillance Team, PHE.

Weekly trends in number and proportion of cases with S-Gene Target Failure, by region

Weekly number and proportion of England Pillar 2 COVID-19 cases with detectable S gene or SGTF among those tested in TaqPath Labs, by region

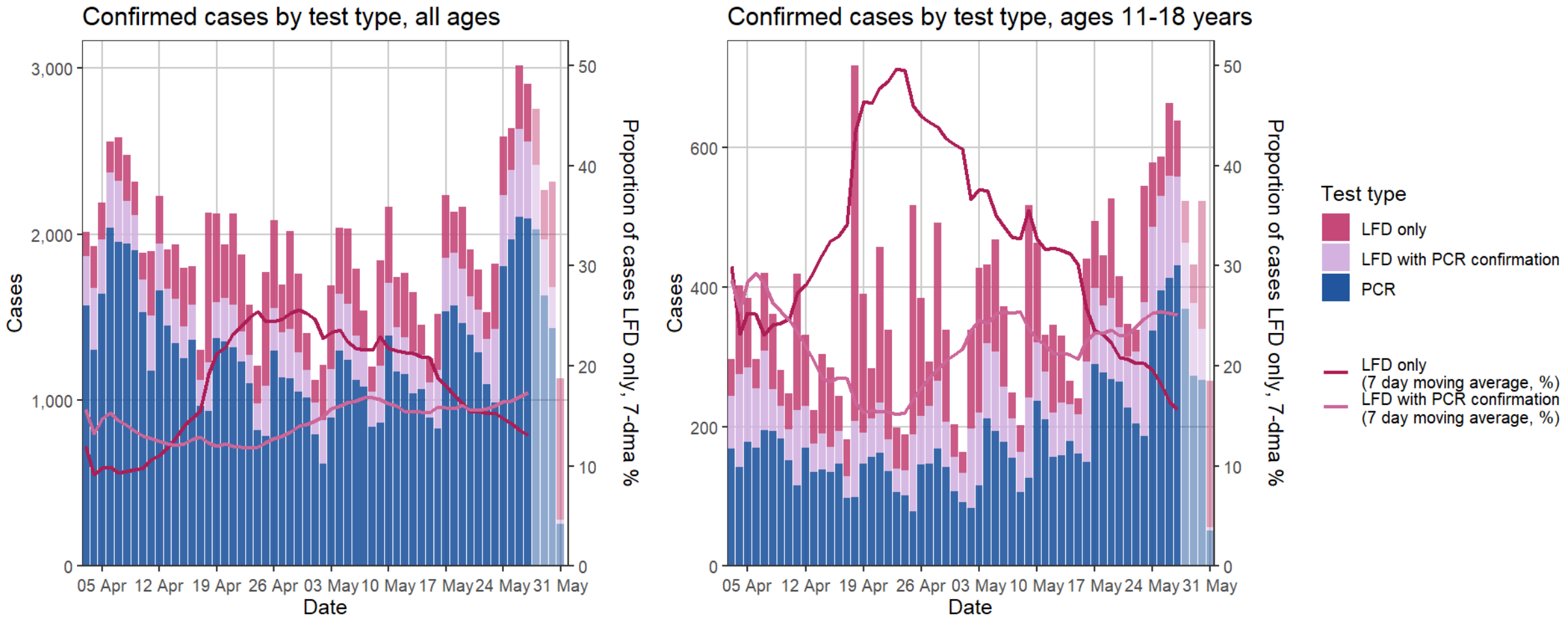
2021-03-02 to 2021-05-31. Data updated on 2021-06-01. 95% confidence intervals indicated by gray shading.



Only tests carried out with the TaqPath PCR assay and with confirmed SGTF or S gene positive results included, from Alderley Park, Milton Keynes and Glasgow Lighthouse Laboratories.
Case with SGTF: Positive SARS-CoV-2 test with non-detectable S gene and <=30 CT values for N and ORF1ab genes.
Case with detectable S gene: Positive SARS-CoV-2 test with <=30 CT values for S, N, and ORF1ab genes.
Data source: SGSS. Cases deduplicated to one positive test per person per week.
Region missing for 221 persons, excluded from figure.

Case numbers by test type in England

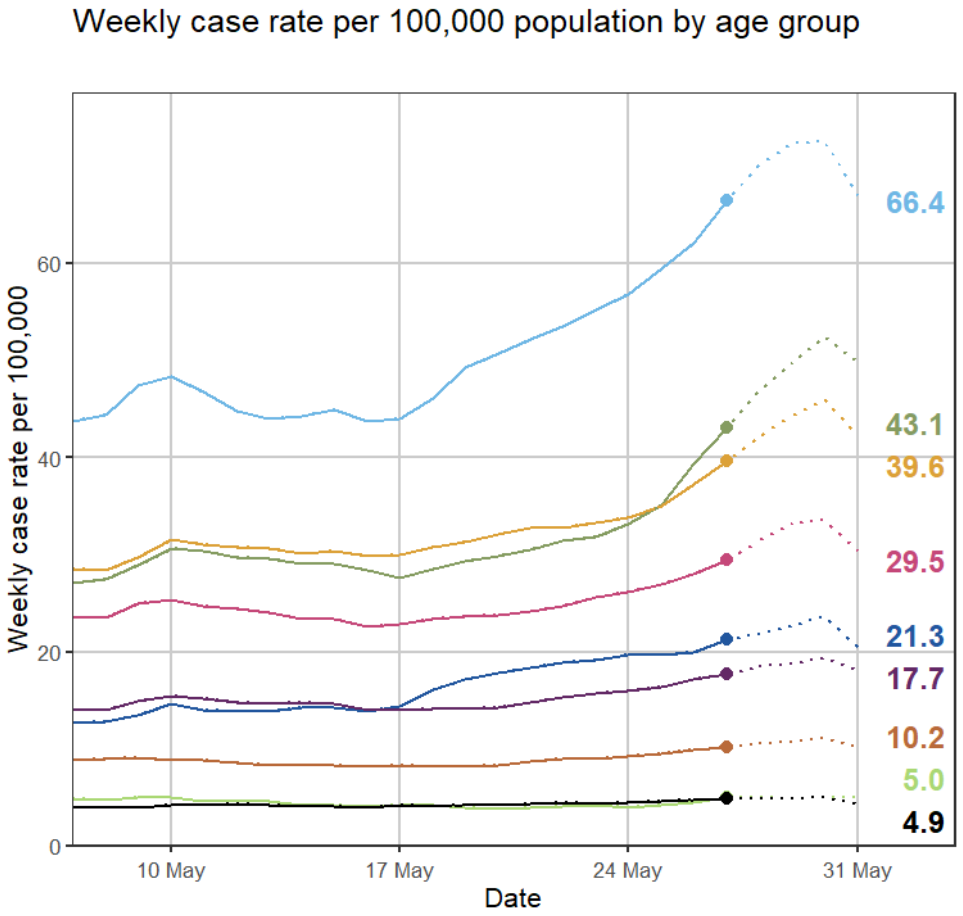
Data reporting 03 April 2021 to 31 May 2021

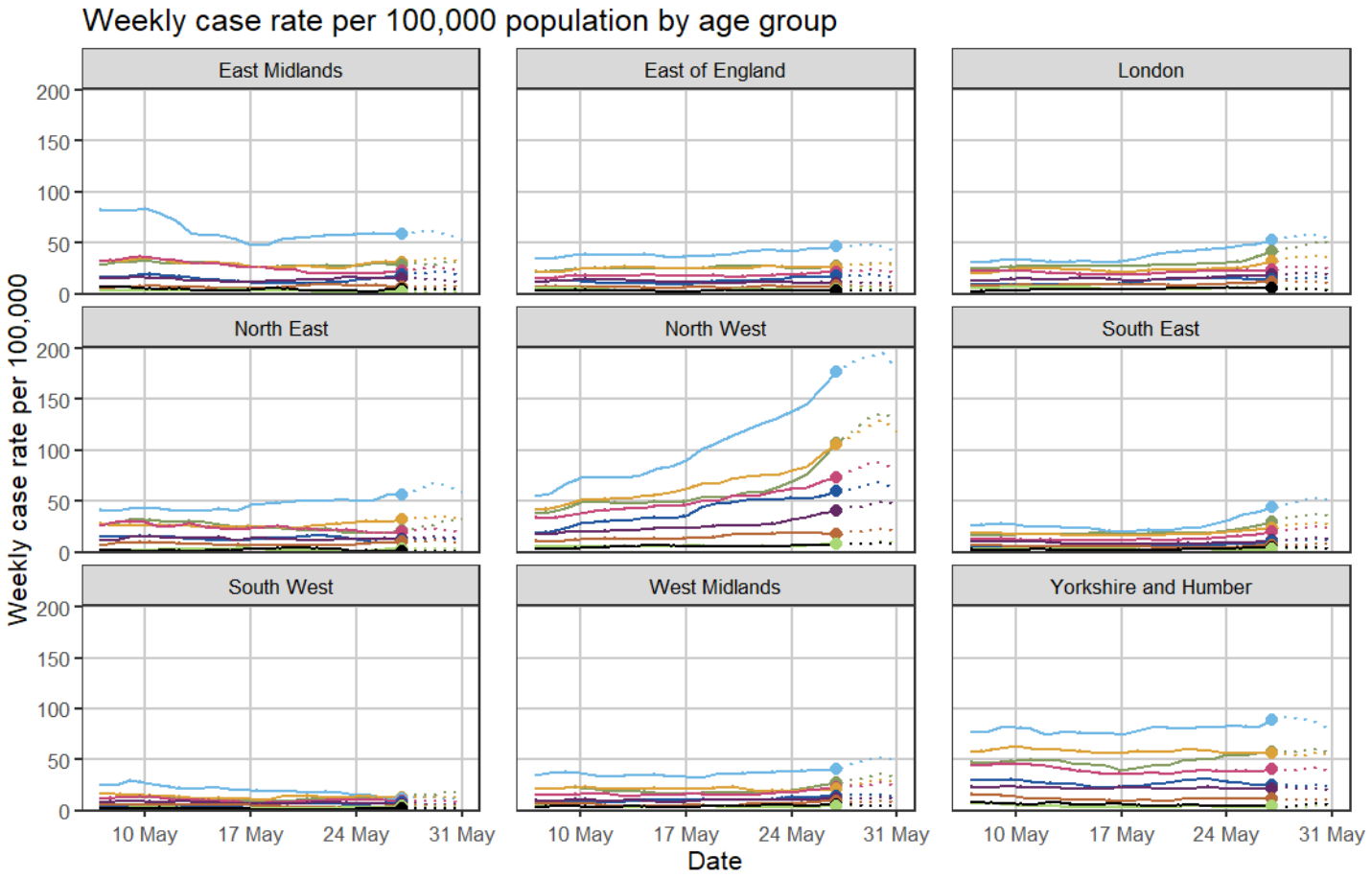


Data for the four most recent specimen dates is incomplete and will include cases for which PCR testing has not yet been reported and/or undertaken
PCR = First positive specimen was a PCR test.
LFD with PCR confirmation = Positive LFD with a positive PCR result within 3 days.
LFD only = Positive LFD with no PCR results within 3 days.
Data source: SGSS

Case rate in England across both pillars 1 and 2 (weekly)

Data up to 27 May 2021





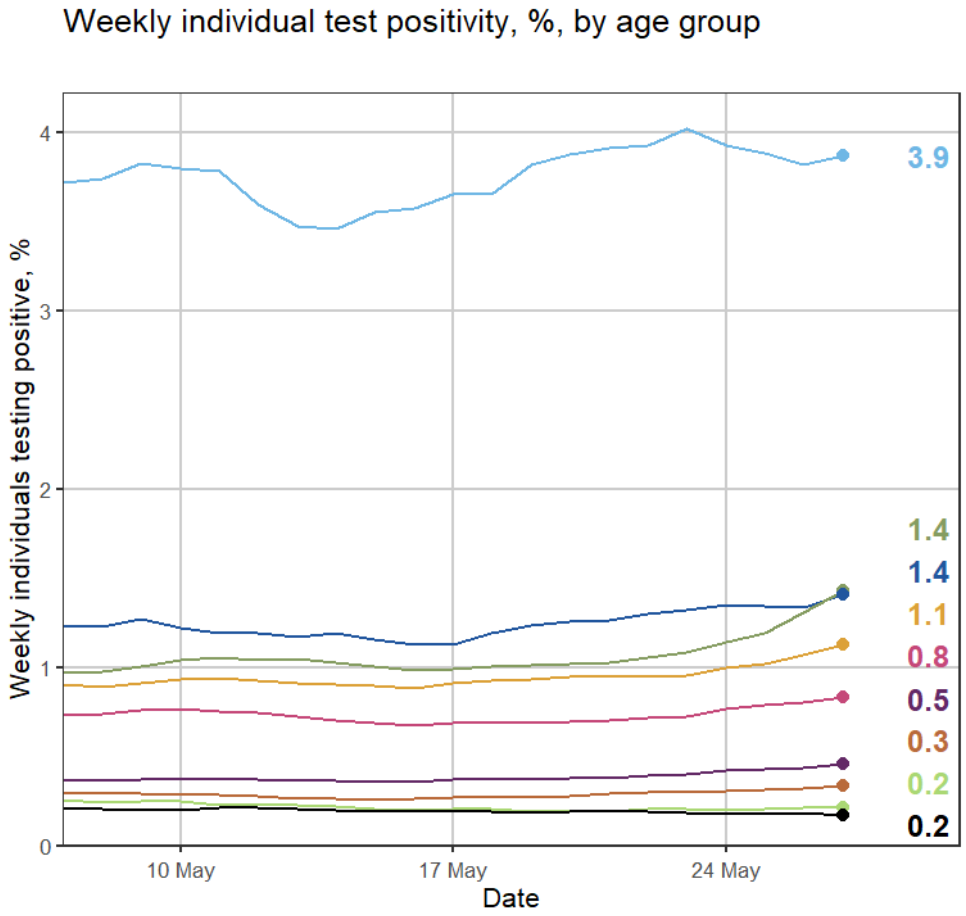
Age group, yrs: 0-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+

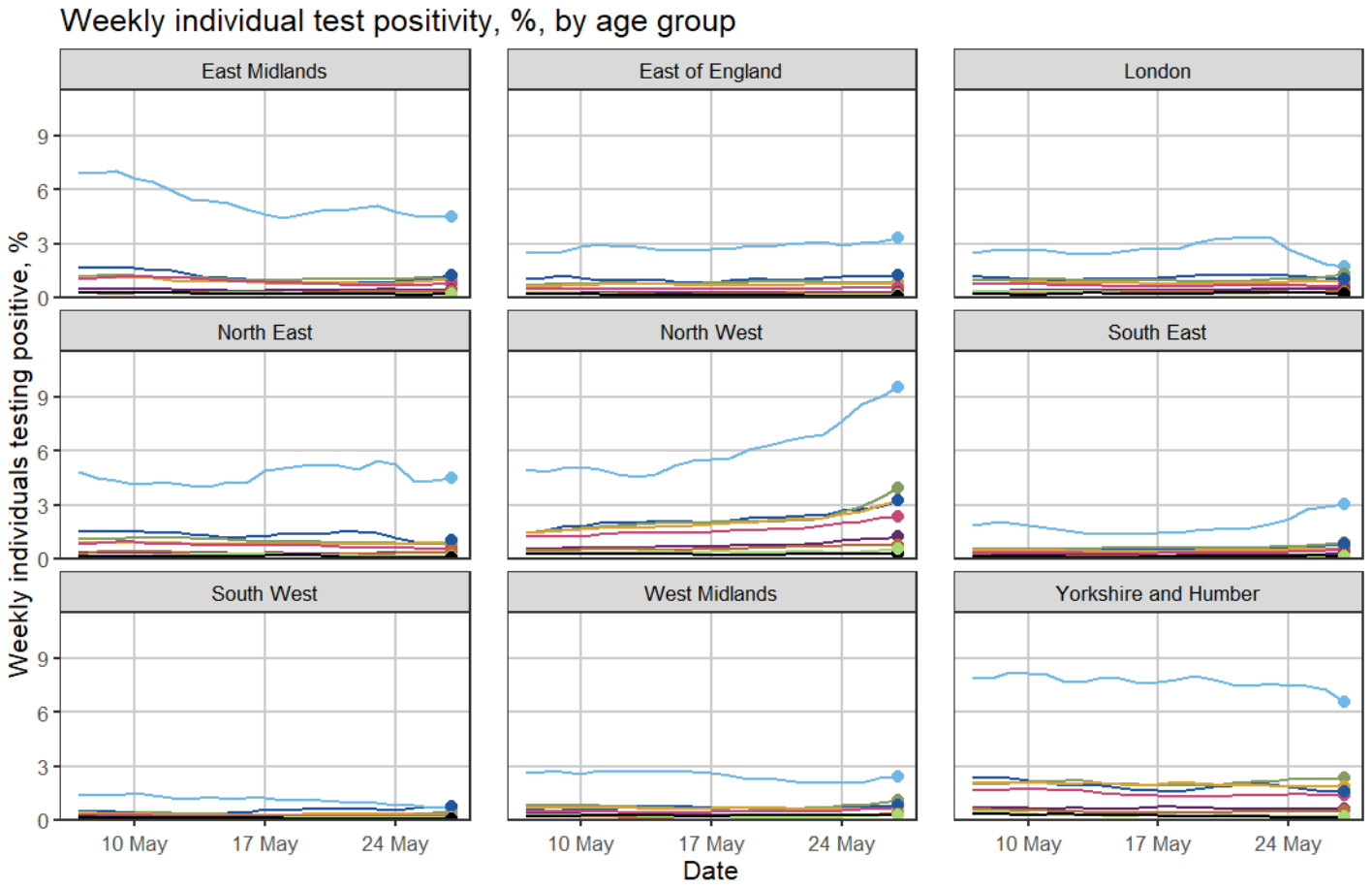
Labels show weekly case rate for 21 May 2021 to 27 May 2021
Dashed lines indicate period with provisional data

Dashed lines indicate period with provisional data

Percentage of individuals testing positive in England across both pillars 1 and 2 (weekly)

Data up to 27 May 2021





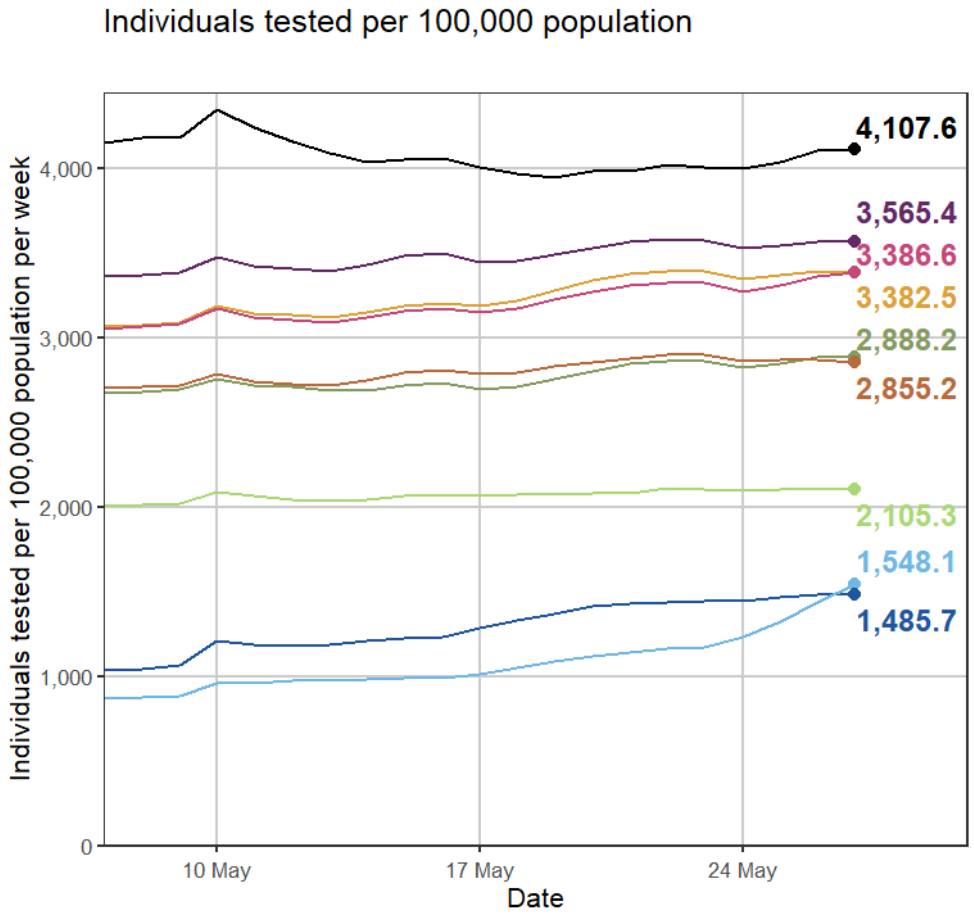
Age group, yrs: 0-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+

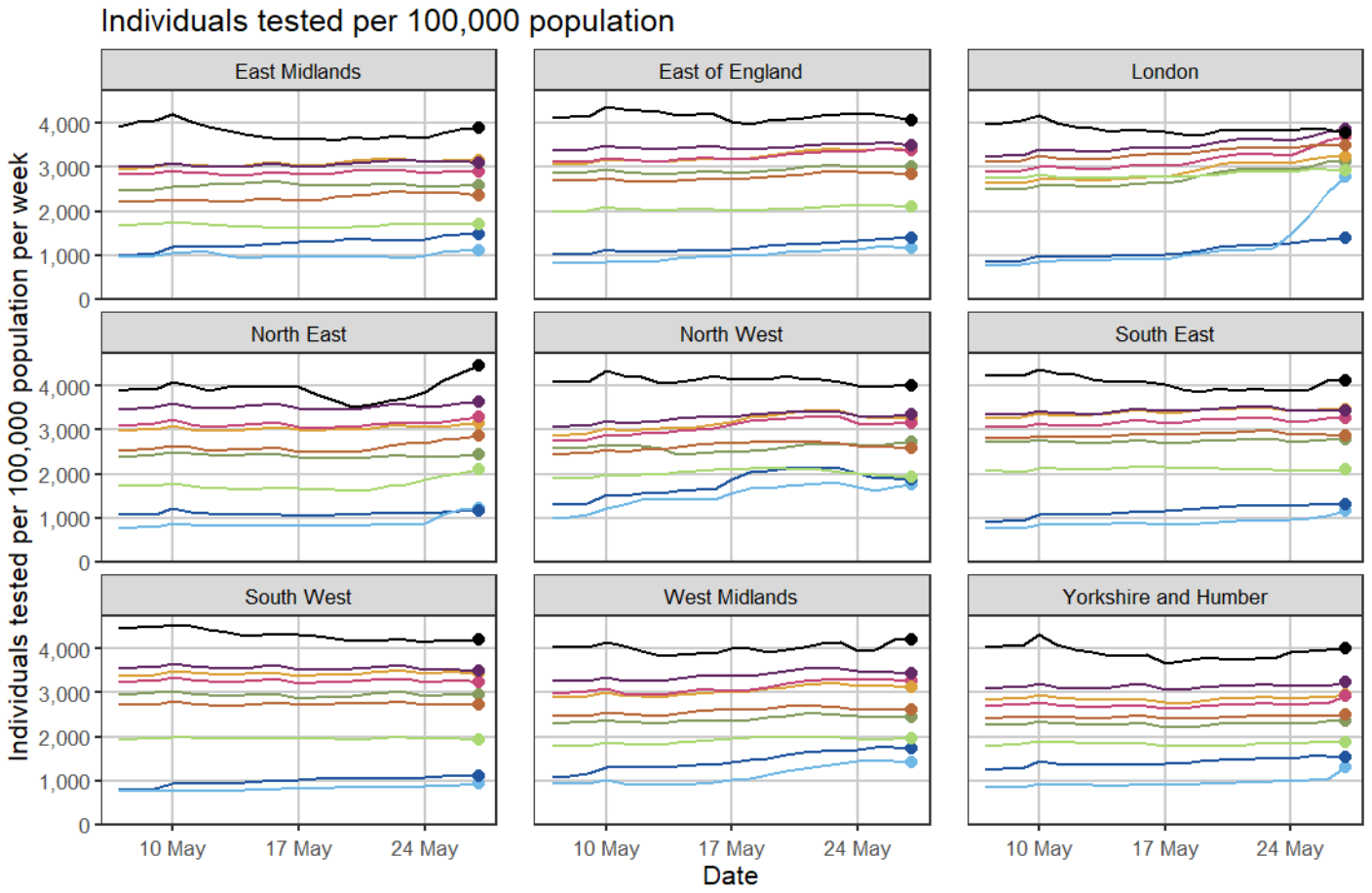
Labels show positivity rate for 21 May 2021 to 27 May 2021.
Excludes LFD tests

Excludes LFD tests

Individuals tested in England across both pillars 1 and 2 (weekly)

Data up to 27 May 2021





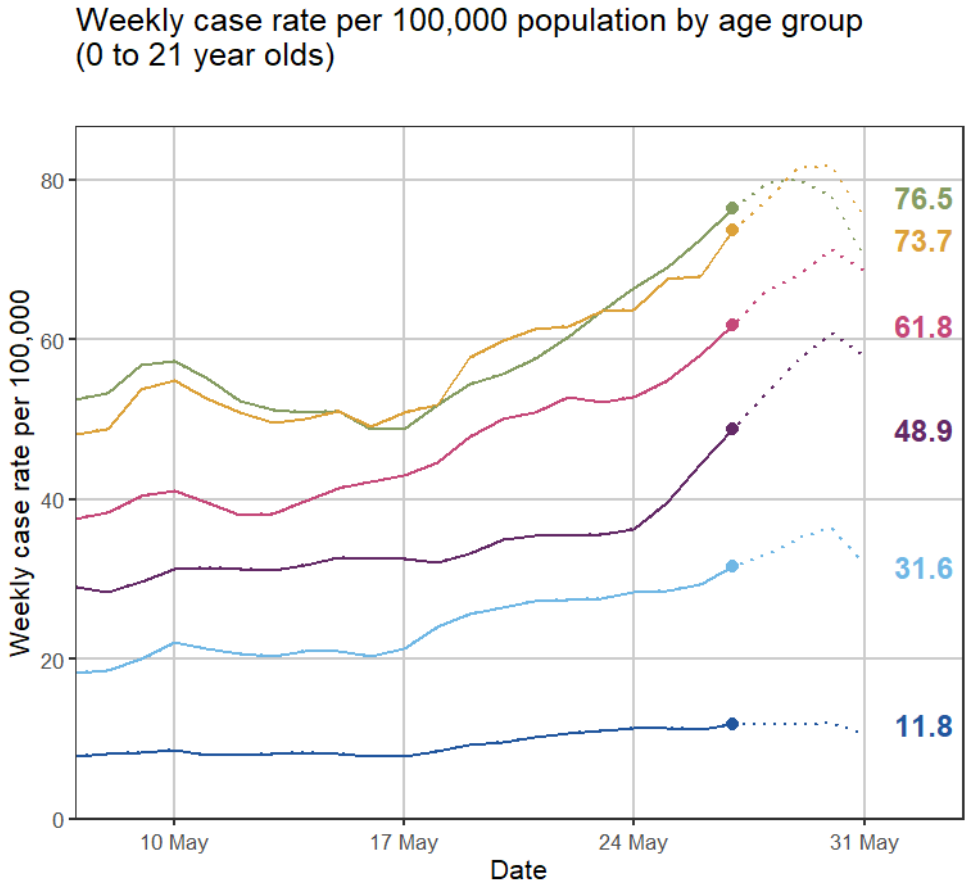
Age group, yrs: 0-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+

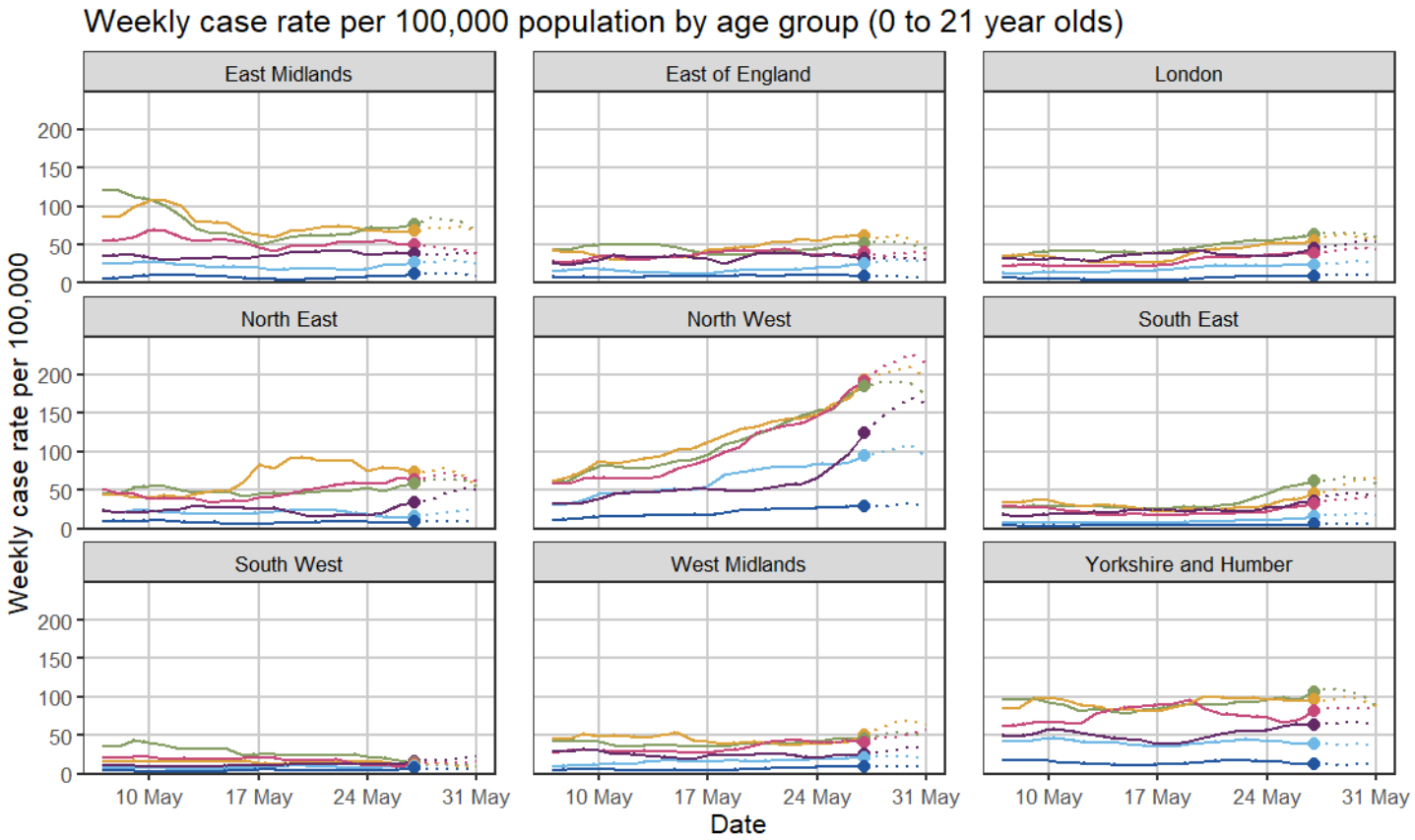
Labels show test rate for 21 May 2021 to 27 May 2021.
Excludes LFD tests

Excludes LFD tests

Case rate in England across both pillars 1 and 2 (weekly) - young people

Data up to 27 May 2021





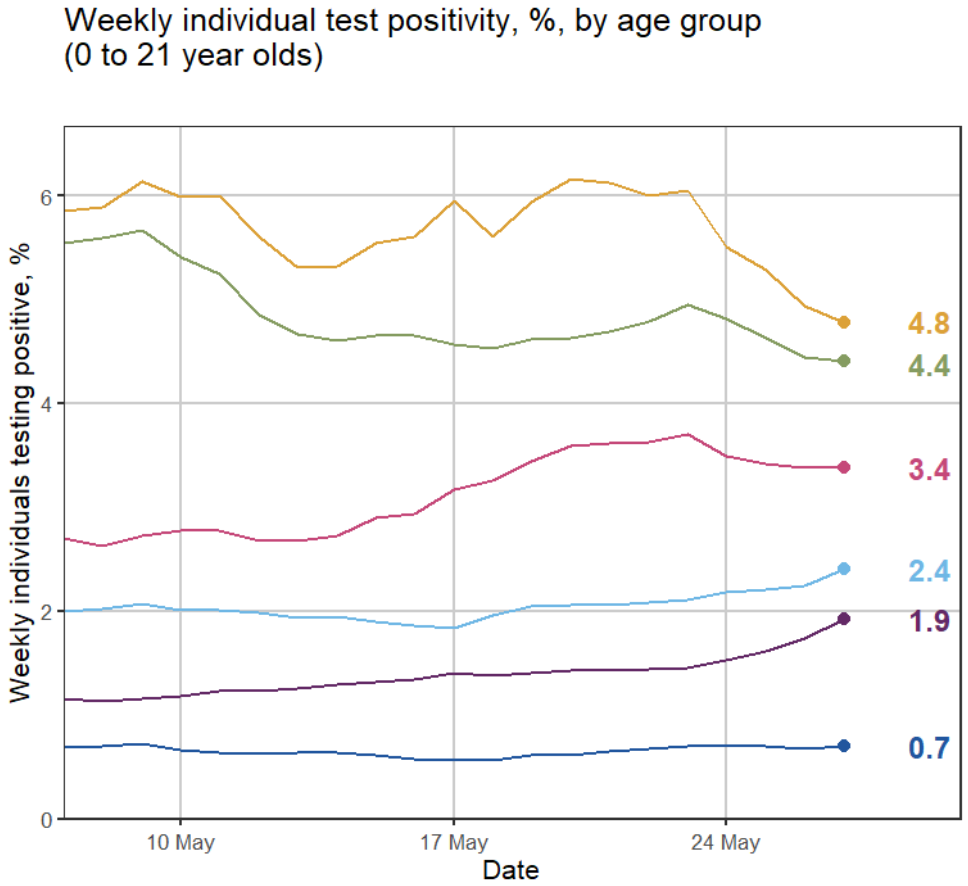
Age group, yrs: 0-4, 5-10, 11-14, 15-16, 17-18, 19-21

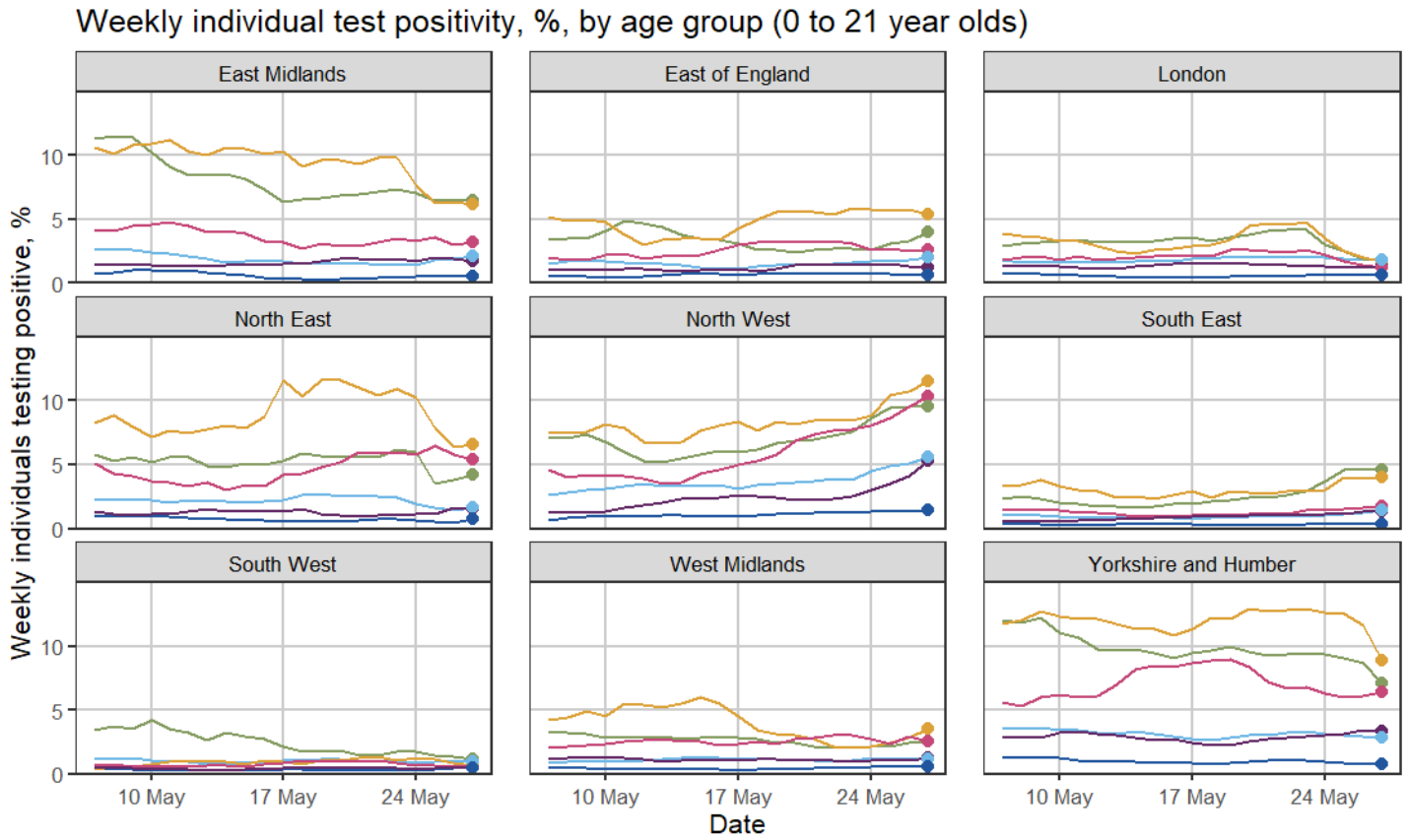
Labels show weekly case rate for 21 May 2021 to 27 May 2021
Dashed lines indicate period with provisional data

Dashed lines indicate period with provisional data

Percentage of individuals testing positive in England across both pillars 1 and 2 (weekly) - young people

Data up to 27 May 2021





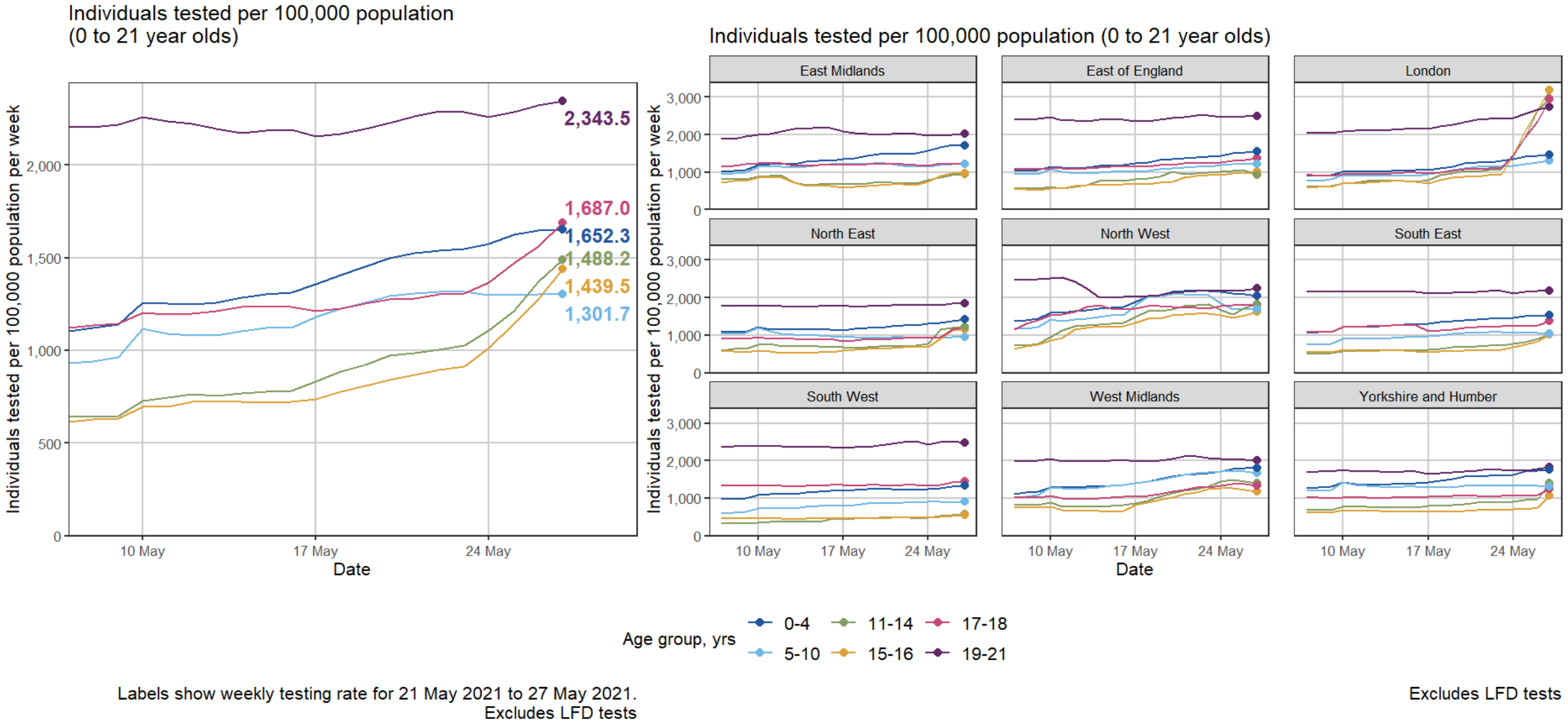
Age group, yrs: 0-4, 5-10, 11-14, 15-16, 17-18, 19-21

Labels show positivity rate for 21 May 2021 to 27 May 2021.
Excludes LFD tests

Excludes LFD tests

Individuals tested in England across both pillars 1 and 2 (weekly) - young people

Data up to 27 May 2021



Percentage prevalence of COVID-19 across England and Government Office regions - table

Date of report 28 May 2021 by PHE Joint Modelling Cell

Methodology

Prevalence estimates were generated by the Cambridge real-time model on **21 May 2021** using data up to **15 May 2021**.

The percentage prevalence of COVID-19 infections in the regional populations are rated using the following scale:

- Low prevalence: less than 0.5%
- Medium prevalence: 0.5% to, but not including, 2%
- High prevalence: 2% and above.

Geography	21/05/2021	28/05/2021	04/06/2021
England	0.14 (0.13, 0.16)	0.15 (0.12, 0.18)	0.16 (0.12, 0.20)
North East	0.32 (0.21, 0.47)	0.35 (0.21, 0.60)	0.38 (0.20, 0.76)
Yorkshire and The Humber	0.17 (0.12, 0.24)	0.16 (0.10, 0.27)	0.15 (0.08, 0.31)
North West	0.06 (0.04, 0.08)	0.05 (0.03, 0.08)	0.04 (0.02, 0.08)
East Midlands	0.17 (0.11, 0.26)	0.17 (0.09, 0.31)	0.17 (0.08, 0.38)
West Midlands	0.16 (0.10, 0.24)	0.16 (0.09, 0.29)	0.17 (0.07, 0.35)
East of England	0.16 (0.11, 0.23)	0.17 (0.10, 0.27)	0.17 (0.09, 0.33)
London	0.10 (0.08, 0.15)	0.10 (0.07, 0.16)	0.10 (0.06, 0.19)
South East	0.11 (0.08, 0.15)	0.10 (0.07, 0.17)	0.10 (0.06, 0.19)
South West	0.18 (0.12, 0.28)	0.21 (0.12, 0.38)	0.23 (0.11, 0.51)

These estimates are subject to, sometime significant, revision on a weekly basis. The underpinning model relies on death data which is subject to a reporting lag. In the weeks surrounding the implementation and relaxation of restrictions, it often takes a while for the system to settle, to account for the data lag and changes in mobility patterns. All prevalence estimates are reported as percentages, the values in parentheses represent the 5th and 95th percentiles respectively.

Further details on the Cambridge real-time model can be found here

Revisions of note

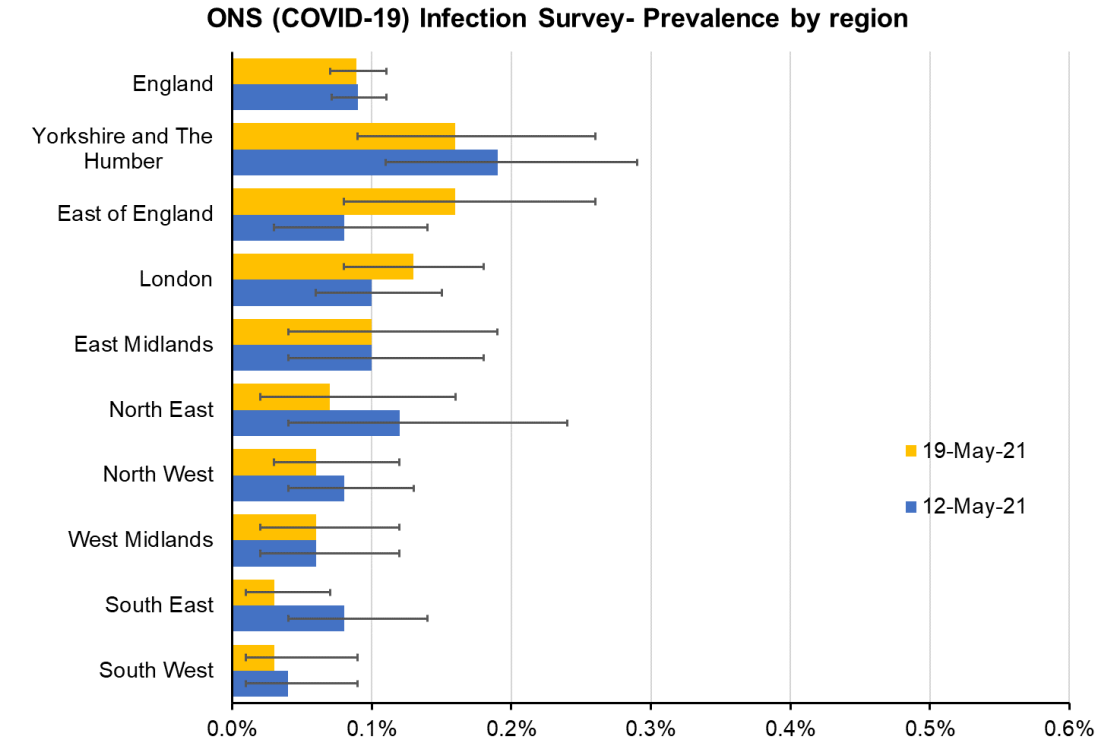
Revisions lie within credible intervals of last week's report.

We acknowledge that there is significant within region variation particularly in the North West where there is concern in a number of Lower Tier Local Authorities which at current levels of infection our model is not powered to detect.

Estimated Prevalence by Region

ONS Coronavirus (COVID-19) Infection Survey (28 May)
In England, the percentage of people testing positive for the coronavirus (COVID-19) continues to be low but there are potential signs of an increase in the two weeks ending 22 May 2021; we estimate that 48,500 people within the community population in England had COVID-19 (95% credible interval: 38,400 to 60,200), equating to around 1 in 1,120 people.

During the week ending 22 May 2021, the highest percentage of people testing positive was observed in Yorkshire and The Humber and the East of England, The percentage of people testing positive in the East of England increased and there were early signs of a decrease in the percentage of people testing positive in the South East. The trend was uncertain for all other regions in the same week.

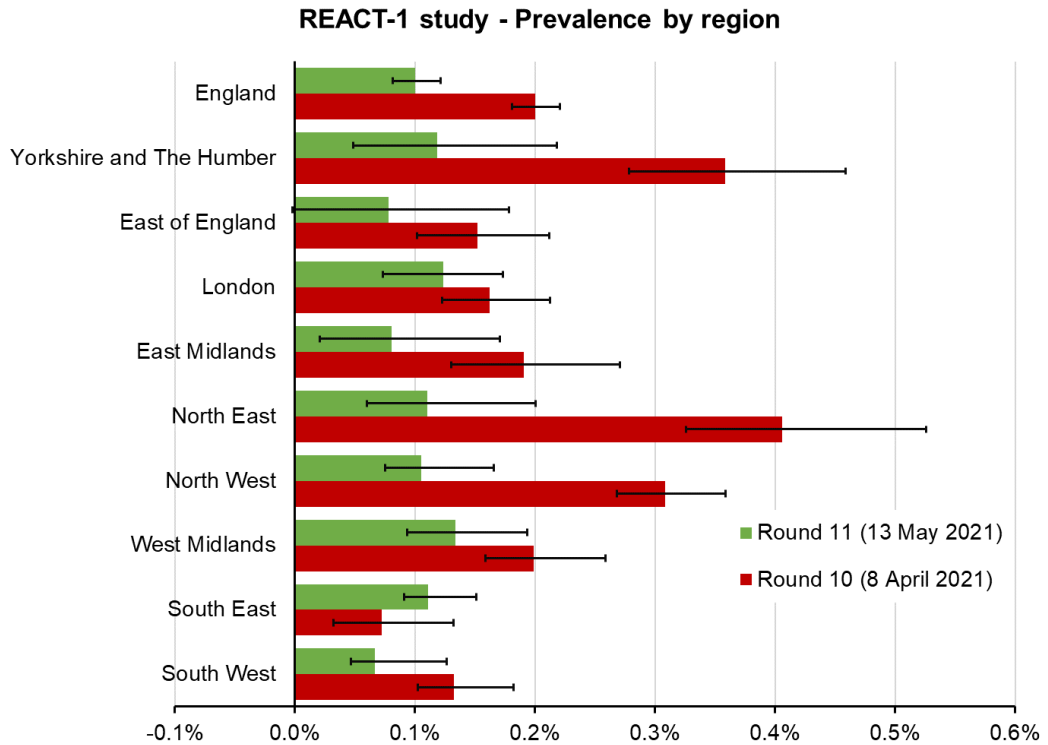


Coronavirus (COVID-19) Infection Survey, UK: 28 May 2021

REACT-1 round 11 report (13 May)
Round 11 found 115 positives from 127,408 swabs giving a weighted prevalence of 0.10% (0.08%, 0.13%).

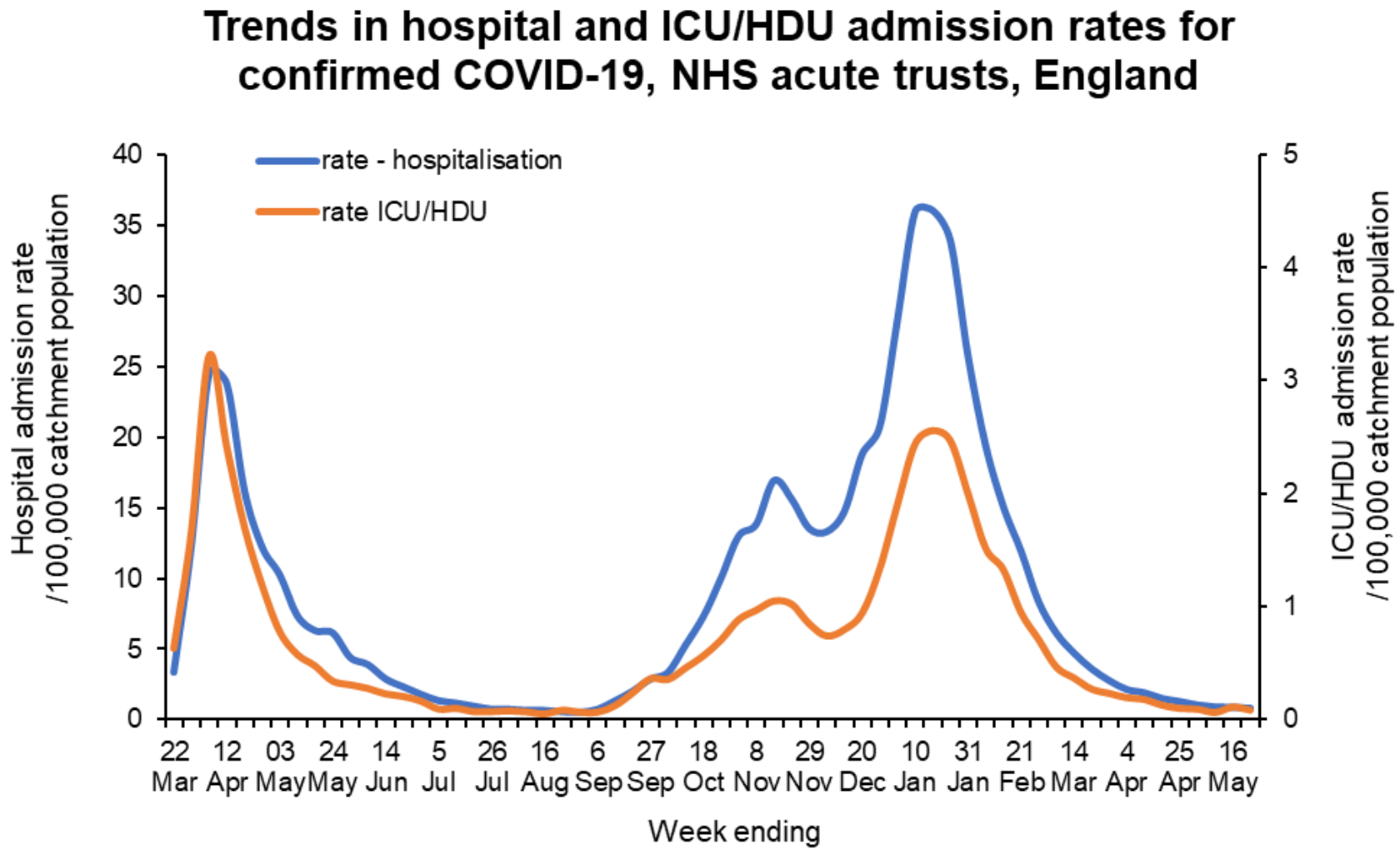
This represents a 50% reduction from round 10 in which the weighted prevalence was 0.20% (0.17%, 0.23%).

Weighted prevalence across regions ranged from 0.07% (0.03%, 0.17%) in the South West to 0.13% (0.07, 0.27%) in West Midlands.



REACT-1 round 11 final report from 13/05/21.

Hospitalisations national trends



Hospital admissions refers to admissions to all levels of care inclusive of ICU/HDU admissions