COVID-19 SITUATIONAL AWARENESS

SUMMARY

MAIN REPORT
6 April 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.

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

England confirmed cases - epidemic curve

Previous two months by day

Overview by week

Cases

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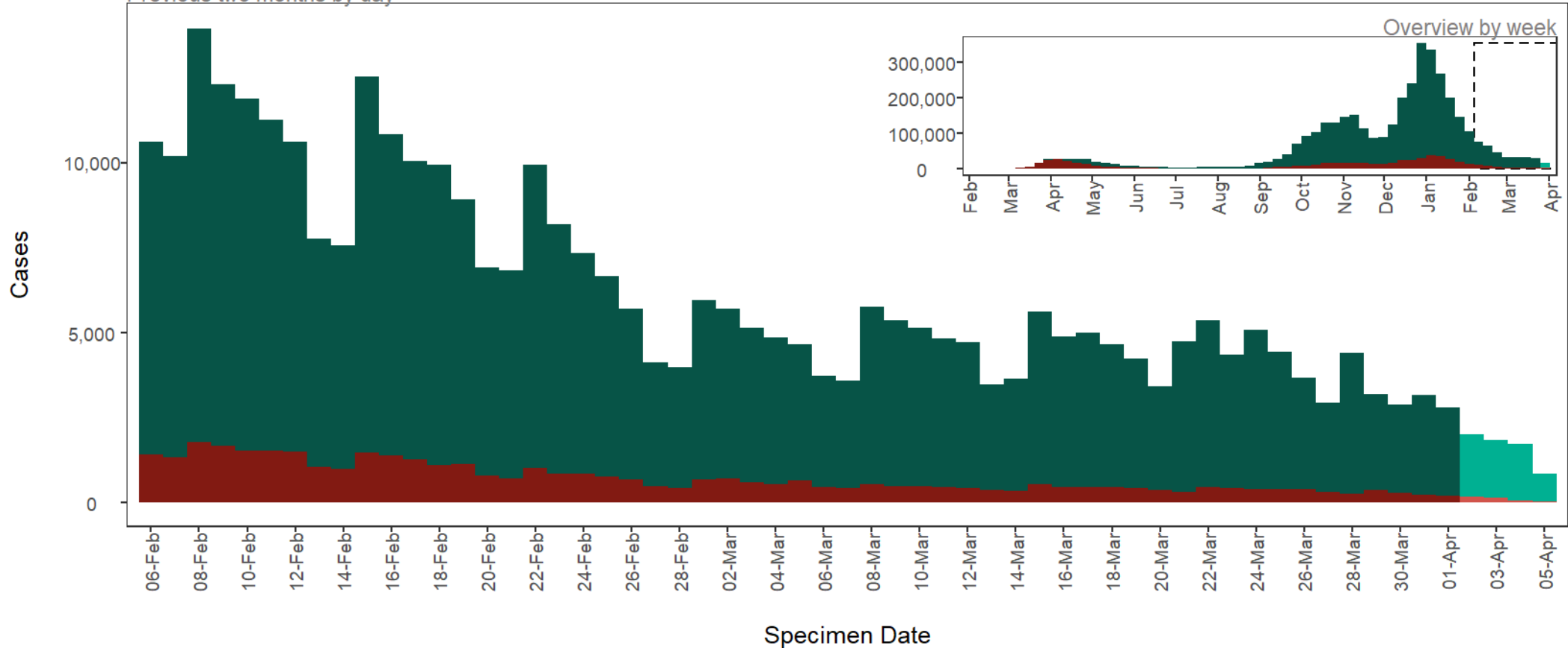
Bars shaded in light red and light green are provisional. Figures are expected to rise as results are received for additional samples tested during this period. Inset epi curve is based on weekly reports from date of first case diagnosed. Main epi curve shows daily cases truncated to show the previous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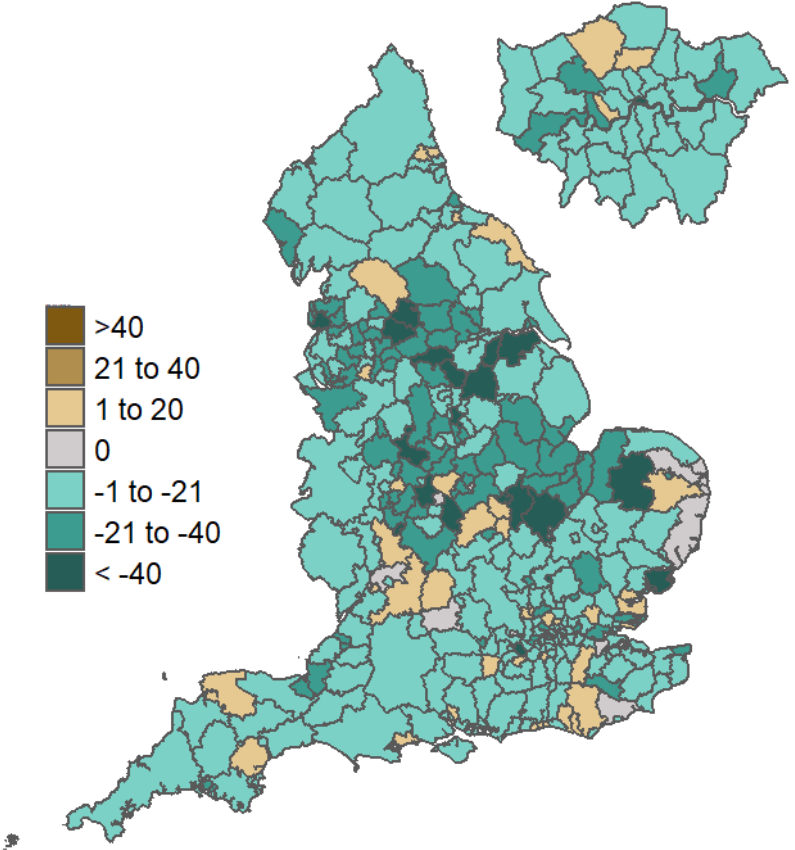
Produced by the Outbreak Surveillance Team, Public Health England.

Case Rates - Geographical spread of COVID-19 in England

Weekly case rates per 100,000 population
by local authority
26 Mar to 01 Apr 2021
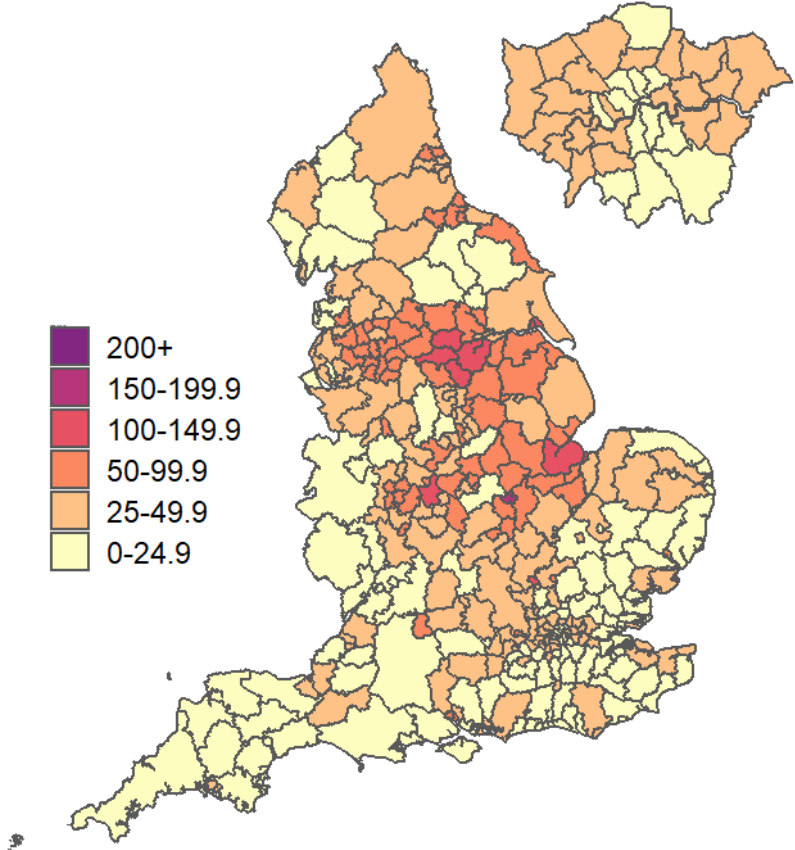
200+
150-199.9
100-149.9
50-99.9
25-49.9
0-24.9

Absolute case rate change per 100,000 population
by local authority
19 Mar to 25 Mar 2021 and 26 Mar to 01 Apr 2021

>40
21 to 40
1 to 20
0
-1 to -21
-21 to -40
< -40

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
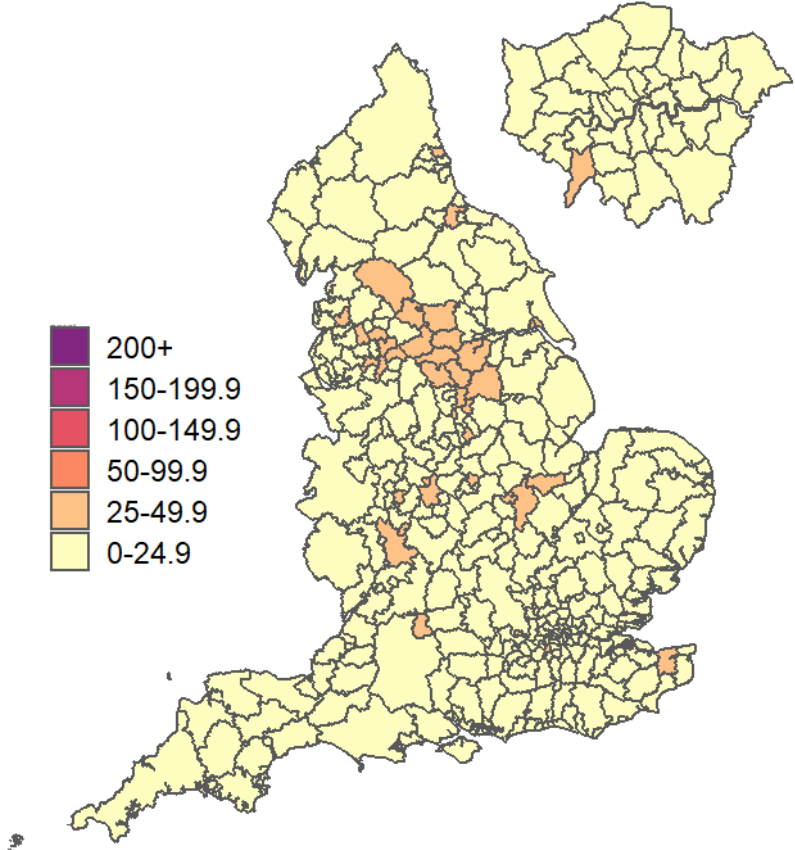26 Mar to 01 Apr 2021

200+
150-199.9
100-149.9
50-99.9
25-49.9
0-24.9

Absolute case rate change per 100,000 population by local authority
19 Mar to 25 Mar 2021 and 26 Mar to 01 Apr 2021
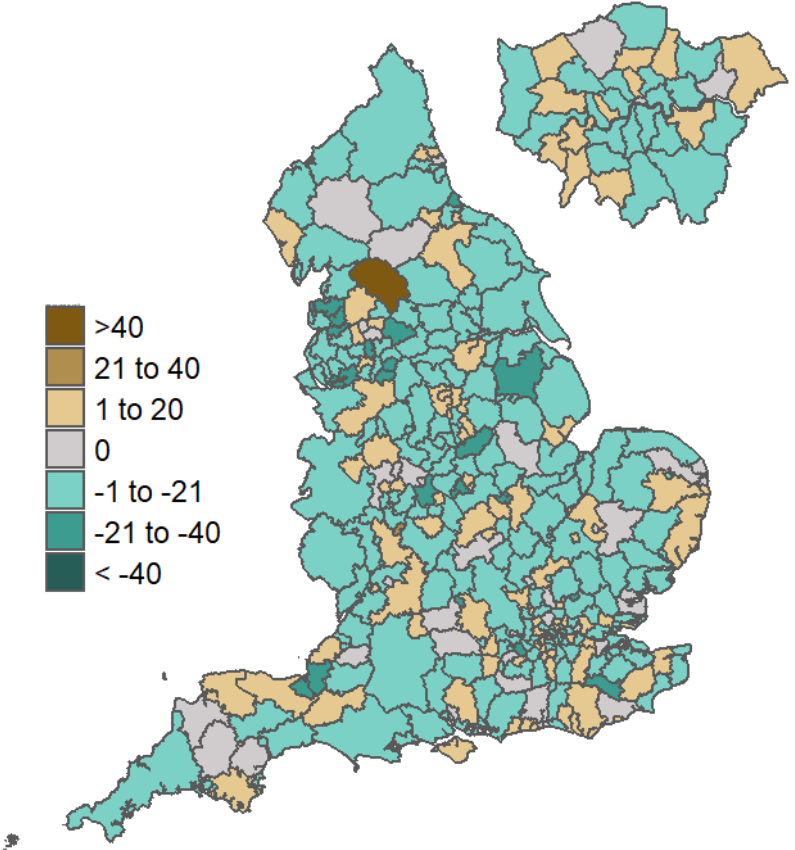
>40
21 to 40
1 to 20
0
-1 to -21
-21 to -40
< -40

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

All indicators for the last 7 days (26 March 2021 to 01 April 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
	7-day moving average	7-day change, %	Weekly	7-day change, %	Red	Amber	Green	Weekly, Pillar 2 only	7-day change, %	Weekly	7-day change, %	Red	Amber	Green	Weekly	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Last 7 days	Last 7 days
East Midlands	316.1	-13.0%	2.5%	-10.7%	0	2	38			54.7	-27.0%	20	16	4	16.1	-22.2%	128.1	-24.4%	51.5	-31.1%		
East of England	326.8	-12.6%	1.3%	-18.8%	0	0	46			30.2	-32.1%	5	18	23	7.8	-34.5%	67.3	-42.1%	46.6	-27.0%		
London	313.2	-11.8%	1.3%	-13.3%	0	0	33			28.0	-25.9%	0	20	13	13.2	-14.8%	65.7	-25.9%	44.9	-18.4%		
North East	343.6	-14.8%	2.4%	-22.6%	0	1	11			53.6	-10.2%	6	6	0	15.0	-23.9%	127.5	-15.2%	58.6	-6.8%		
North West	327.0	-13.4%	2.1%	-16.0%	0	0	39			47.8	-29.1%	15	15	9	15.3	-39.3%	116.0	-27.1%	61.5	-21.8%		
South East	345.4	-10.5%	1.0%	-16.7%	0	0	63			26.3	-25.5%	2	25	36	9.1	-29.5%	64.0	-27.6%	37.9	-17.8%		
South West	374.7	-5.8%	0.7%	-30.0%	0	0	30			21.2	-29.1%	1	5	24	7.3	-27.7%	53.5	-29.0%	33.1	-4.6%		
West Midlands	342.1	-9.8%	1.9%	-17.4%	0	1	29			45.9	-28.1%	10	14	6	14.9	-23.6%	100.6	-34.8%	55.2	-35.0%		
Yorkshire and Humber	334.3	-12.9%	3.7%	-14.0%	0	7	14			83.1	-27.9%	14	3	4	27.1	-21.9%	183.2	-32.2%	92.8	-32.4%		
England	346.2	-11.2%	1.7%	-19.0%	0	11	303			41.0	-27.2%	73	122	119	13.5	-27.0%	94.8	-29.6%	53.1	-25.0%		

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 26 March 2021 and 01 April 2021
7-day change % demonstrates how figures compare to the equivalent figure as of 25 March 2021

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 (26 March 2021 to 01 April 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
		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
East Midlands	Corby	354.7	-17.8%	6.7%	-6.9%			164.8		-30.0%	49.6	-41.7%	461.4	+ 66.6%	233.1	+60.0%		
Yorkshire and Humber	Doncaster	322.7	-20.6%	5.4%	+14.9%			125.7		-5.8%	38.0	+15.2%	283.5	-10.1%	139.3	+10.6%		
Yorkshire and Humber	Wakefield	328.9	-13.7%	5.2%	-1.9%			113.4		-21.5%	37.9	-19.5%	256.8	-39.4%	135.9	-15.4%		
Yorkshire and Humber	Barnsley	333.1	-12.7%	4.9%	-15.5%			111.8		-29.6%	45.6	-25.6%	228.5	-28.3%	135.9	-48.4%		
Yorkshire and Humber	Rotherham	348.0	-15.7%	4.8%	-17.2%			108.5		-36.0%	44.0	-22.9%	249.7	-27.7%	118.5	-48.4%		
West Midlands	North Warwickshire	319.8	-18.9%	4.8%	-5.9%			107.3		-29.3%	27.1	-44.5%	539.9	-39.5%	164.6	-37.5%		
East of England	Luton	400.8	-11.3%	3.5%	-7.9%			104.7		-17.7%	24.9	0.0%	167.9	-12.1%	107.0	-13.4%		
Yorkshire and Humber	Kingston upon Hull, City of	387.4	-12.9%	3.8%	-19.1%			102.4		-27.9%	32.2	-29.1%	254.5	-13.7%	80.2	-48.1%		
East Midlands	South Holland	347.7	-10.9%	3.9%	-2.5%			101.0		-17.3%	17.2	-16.5%	253.6	-25.0%	96.1	-42.9%		
Yorkshire and Humber	Sheffield	309.3	-9.7%	4.6%	-14.8%			98.7		-24.7%	33.5	-9.0%	207.0	-42.8%	79.3	-28.0%		
Yorkshire and Humber	North Lincolnshire	361.2	-14.1%	3.8%	-25.5%			96.9		-36.0%	22.9	-26.8%	163.7	-33.3%	135.8	-52.2%		
Yorkshire and Humber	Leeds	345.8	-8.4%	4.1%	-8.9%			95.4		-17.8%	28.0	-11.7%	227.4	-25.5%	102.9	-13.0%		
Yorkshire and Humber	Bradford	354.2	-17.5%	4.1%	-18.0%			94.3		-37.7%	33.1	-21.7%	177.0	-39.0%	133.9	-38.4%		
North East	Stockton-on-Tees	262.0	-16.5%	5.3%	-3.6%			94.2		-10.2%	26.9	-18.7%	178.9	-7.2%	128.2	-20.0%		
East Midlands	Mansfield	356.8	-9.0%	3.2%	-3.0%			94.2		-3.8%	25.0	+16.8%	480.8	+112.5%	120.0	0.0%		
East Midlands	Leicester	326.8	-14.3%	4.1%	-2.4%			89.5		-22.3%	35.6	+23.6%	187.9	-30.0%	56.8	-28.6%		
North West	Bolton	328.2	-8.9%	3.9%	-9.3%			86.2		-20.6%	24.6	-23.8%	297.9	+ 14.1%	87.6	-36.4%		
East Midlands	South Kesteven	315.3	-15.2%	3.5%	-10.3%			85.7		-25.5%	23.6	0.0%	177.2	-10.0%	98.2	-25.0%		
North West	Preston	375.9	-16.2%	3.2%	-8.6%			85.2		-20.8%	35.5	-37.5%	205.7	+ 23.5%	92.7	-33.3%		
East Midlands	Hinckley and Bosworth	287.1	-8.4%	4.0%	+17.6%			84.9		+9.1%	9.4	-24.8%	106.2	+ 60.2%	98.1	+66.8%		
	England	**346.2**	**-11.2%**	**1.7%**	**-19.0%**			**41.0**		**-27.2%**	**13.5**	**-27.0%**	**94.8**	**-29.6%**	**53.1**	**-25.0%**		

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 (26 March 2021 to 01 April 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
		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
East of England	South Norfolk	302.3	-8.6%	1.2%	+500.0%			25.6		+124.6%	2.3	+ Inf%	102.6	+100.0%	98.0	+ 20.0%		
South East	Wealden	354.9	-4.6%	0.9%	+125.0%			26.6		+114.5%	13.1	+133.9%	44.9	+150.8%	83.8	+ 200.4%		
South West	Gloucester	407.3	-11.6%	0.5%	+150.0%			19.4		+ 47.0%	3.5	+ Inf%	55.5	-37.5%	39.3	+ 200.0%		
East of England	Watford	379.3	-12.1%	1.4%	+ 75.0%			39.3		+ 46.1%	17.5	+ 50.9%	81.5	+ 49.8%	21.7	-66.6%		
London	Kensington and Chelsea	441.4	-7.5%	1.5%	+ 66.7%			44.2		+ 44.0%	15.1	+ 67.8%	33.4	-57.1%	148.8	+1002.2%		
North East	Newcastle upon Tyne	394.6	-3.6%	2.4%	+ 14.3%			62.1		+ 43.4%	17.1	+235.3%	121.1	-40.5%	37.6	+ 62.8%		
East Midlands	Daventry	265.4	-17.4%	1.8%	+ 63.6%			40.7		+ 39.9%	17.2	+300.0%	229.1	+133.3%	103.0	-20.0%		
South East	Epsom and Ewell	318.9	-3.8%	1.8%	+ 50.0%			44.7		+ 38.8%	15.9	+ 50.0%	81.9	+399.4%	45.8	0.0%		
North East	North Tyneside	374.3	-13.3%	2.3%	-8.0%			56.8		+ 28.5%	27.1	+ 66.3%	144.8	+ 81.9%	85.1	+ 60.0%		
East of England	Three Rivers	314.7	-14.7%	1.7%	+ 54.5%			35.4		+ 22.5%	13.5	-50.2%	95.9	+133.3%	118.7	+ Inf%		
South East	Adur	385.7	-2.0%	0.5%	0.0%			18.7		+ 19.9%	10.6	0.0%	120.0	+400.0%	71.7	0.0%		
Yorkshire and Humber	Scarborough	389.2	-13.6%	2.0%	+ 11.1%			53.3		+ 18.2%	13.2	-58.2%	105.5	-22.3%	65.6	-50.0%		
East of England	Maldon	257.7	-18.3%	0.9%	+ 12.5%			21.6		+ 16.8%	4.7	0.0%	47.5	-60.0%	99.5	+ Inf%		
West Midlands	Wychavon	327.5	-7.8%	1.8%	+ 28.6%			44.0		+ 16.1%	26.6	+119.8%	71.2	+ 20.1%	108.3	+ 99.8%		
South West	Bournemouth, Christchurch and Poole	394.9	-4.1%	0.7%	-12.5%			22.0		+ 14.6%	8.3	-30.8%	81.2	+ 42.7%	35.4	+ 200.0%		
East Midlands	Wellingborough	340.4	-12.8%	3.0%	+ 42.9%			65.2		+ 13.0%	14.9	-39.9%	82.9	-44.5%	52.0	+ Inf%		
Yorkshire and Humber	Craven	333.8	-12.8%	2.2%	+ 29.4%			49.0		+ 11.9%	45.1	+802.0%	55.2	-60.0%	80.5	+ 100.2%		
South East	Lewes	362.7	-9.6%	0.6%	0.0%			19.4		+ 11.5%	18.0	+200.0%	28.1	-33.4%	20.7	0.0%		
South East	Hart	251.4	-16.5%	2.1%	+ 40.0%			41.2		+ 11.1%	12.2	+ Inf%	107.4	0.0%	0.0	-100.0%		
South East	Sevenoaks	242.3	-14.0%	0.6%	0.0%			17.4		+ 10.8%	9.1	+ 51.7%	43.9	-20.0%	56.5	0.0%		
	England	**346.2**	**-11.2%**	**1.7%**	**-19.0%**			**41.0**		**-27.2%**	**13.5**	**-27.0%**	**94.8**	**-29.6%**	**53.1**	**-25.0%**		

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

All indicators for the last 7 days (26 March 2021 to 01 April 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
		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
East Midlands	Corby	354.7	-17.8%	6.7%	-6.9%			164.8		-30.0%	49.6	-41.7%	461.4	+66.6%	233.1	+ 60.0%		
Yorkshire and Humber	Barnsley	333.1	-12.7%	4.9%	-15.5%			111.8		-29.6%	45.6	-25.6%	228.5	-28.3%	135.9	-48.4%		
Yorkshire and Humber	Craven	333.8	-12.8%	2.2%	+29.4%			49.0		+11.9%	45.1	+802.0%	55.2	-60.0%	80.5	+100.2%		
North West	Manchester	345.1	-12.1%	3.5%	-10.3%			78.7		-20.4%	45.0	-15.7%	159.7	-36.6%	72.0	+ 2.9%		
Yorkshire and Humber	Rotherham	348.0	-15.7%	4.8%	-17.2%			108.5		-36.0%	44.0	-22.9%	249.7	-27.7%	118.5	-48.4%		
North West	Rochdale	338.8	-18.0%	3.5%	-10.3%			77.8		-29.1%	38.9	-32.2%	212.3	-2.7%	139.9	-15.0%		
West Midlands	Redditch	322.0	-12.7%	2.6%	-38.1%			56.3		-50.0%	38.6	+166.2%	97.8	-64.7%	73.5	-72.7%		
Yorkshire and Humber	Doncaster	322.7	-20.6%	5.4%	+14.9%			125.7		-5.8%	38.0	+ 15.2%	283.5	-10.1%	139.3	+ 10.6%		
Yorkshire and Humber	Wakefield	328.9	-13.7%	5.2%	-1.9%			113.4		-21.5%	37.9	-19.5%	256.8	-39.4%	135.9	-15.4%		
North West	Blackburn with Darwen	335.5	-22.4%	3.4%	-10.5%			76.2		-32.1%	37.4	+ 22.2%	78.2	-37.4%	54.6	-54.6%		
South East	Slough	368.2	-10.9%	3.1%	+10.7%			79.6		-0.7%	37.2	0.0%	76.0	-52.4%	118.3	+ 49.9%		
South East	Canterbury	311.9	-10.8%	0.9%	-10.0%			30.2		-36.0%	37.0	+ 33.1%	105.1	-21.4%	22.0	0.0%		
East Midlands	Leicester	326.8	-14.3%	4.1%	-2.4%			89.5		-22.3%	35.6	+ 23.6%	187.9	-30.0%	56.8	-28.6%		
North West	Preston	375.9	-16.2%	3.2%	-8.6%			85.2		-20.8%	35.5	-37.5%	205.7	+23.5%	92.7	-33.3%		
East of England	Peterborough	348.5	-14.1%	3.0%	-25.0%			76.1		-32.5%	35.2	-12.7%	166.4	-35.9%	113.1	-15.4%		
North West	Oldham	317.5	-12.6%	3.9%	-9.3%			83.1		-25.9%	33.7	-15.1%	185.0	+ 9.1%	113.4	-30.5%		
Yorkshire and Humber	Sheffield	309.3	-9.7%	4.6%	-14.8%			98.7		-24.7%	33.5	-9.0%	207.0	-42.8%	79.3	-28.0%		
Yorkshire and Humber	Bradford	354.2	-17.5%	4.1%	-18.0%			94.3		-37.7%	33.1	-21.7%	177.0	-39.0%	133.9	-38.4%		
Yorkshire and Humber	Kingston upon Hull, City of	387.4	-12.9%	3.8%	-19.1%			102.4		-27.9%	32.2	-29.1%	254.5	-13.7%	80.2	-48.1%		
South West	Swindon	342.9	-6.0%	2.6%	0.0%			60.3		-10.7%	31.0	+ 87.9%	145.9	-28.1%	54.6	0.0%		
	England	**346.2**	**-11.2%**	**1.7%**	**-19.0%**			**41.0**		**-27.2%**	**13.5**	**-27.0%**	**94.8**	**-29.6%**	**53.1**	**-25.0%**		

8

Hospital indicators

Hospital indicators: high-level summary by region

	New COVID-19 patients admitted to hospital (7-day average)			Number of COVID-19 patients in hospital (7-day average)		
	03 Apr 2021	7-day change	21-day trend	03 Apr 2021	7-day change	21-day trend
Total						
England	■	−25.6%	▬	■	−23.4%	▬
By area						
East Midlands	■	−14.3%	▬	■	−25.6%	▬
East of England	■	−33.3%	▬	■	−33.2%	▬
London	■	−7.1%	▬	■	−18.8%	▬
North East	■	−47.6%	▬	■	−16.4%	▬
North West	■	−23.9%	▬	■	−21.3%	▬
South East	■	−30.4%	▬	■	−36.0%	▬
South West	■	−35.3%	▬	■	−14.4%	▬
West Midlands	■	−37.8%	▬	■	−26.4%	▬
Yorkshire and The Humber	■	−14.3%	▬	■	−17.9%	▬

Source: NHS England & Improvement COVID-19 Hospital Activity Data, from 07 March 2021 to 03 April 2021. 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. 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 areas, except for the total row ('England'), which is scaled independently of other areas. Produced by Joint Biosecurity Centre.
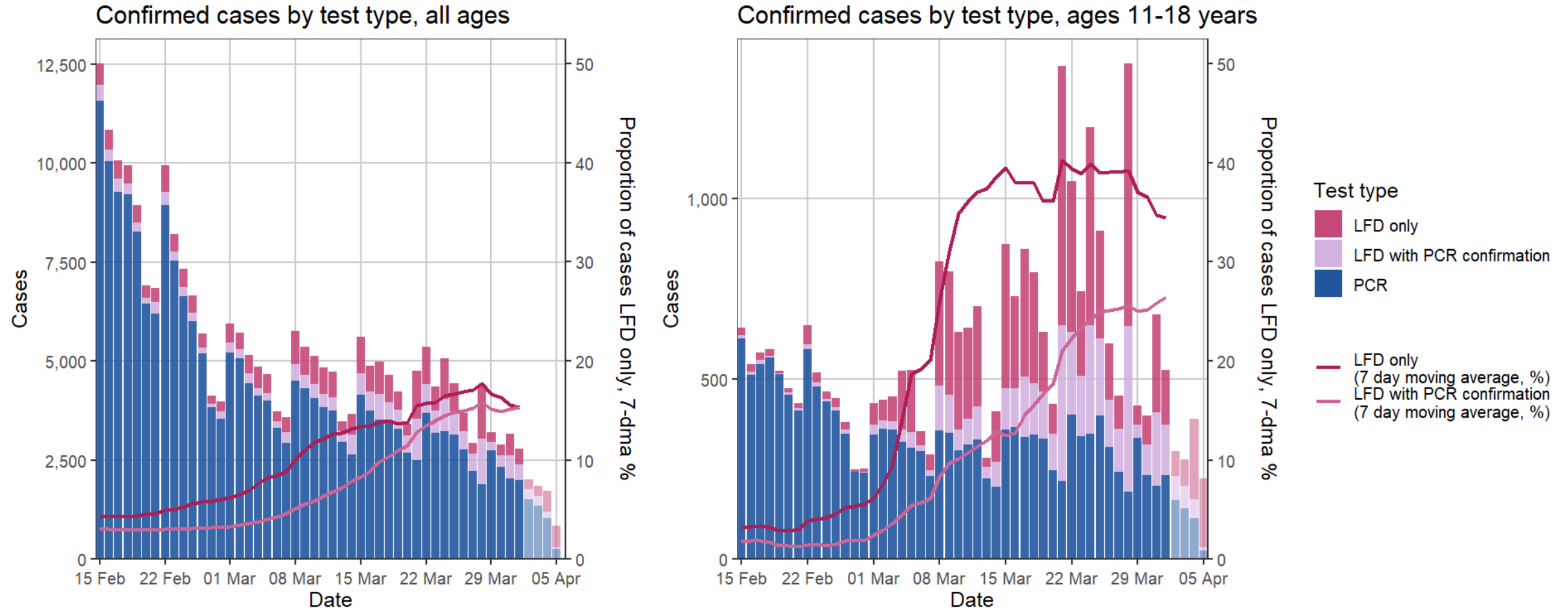
NOTE: All values are 7-day averages rounded up to the nearest whole number. As a result of rounding, there may be a small discrepancy between the regional sum and the total England value.

Case numbers by test type in England

Data reporting 15 February 2021 to 05 April 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.
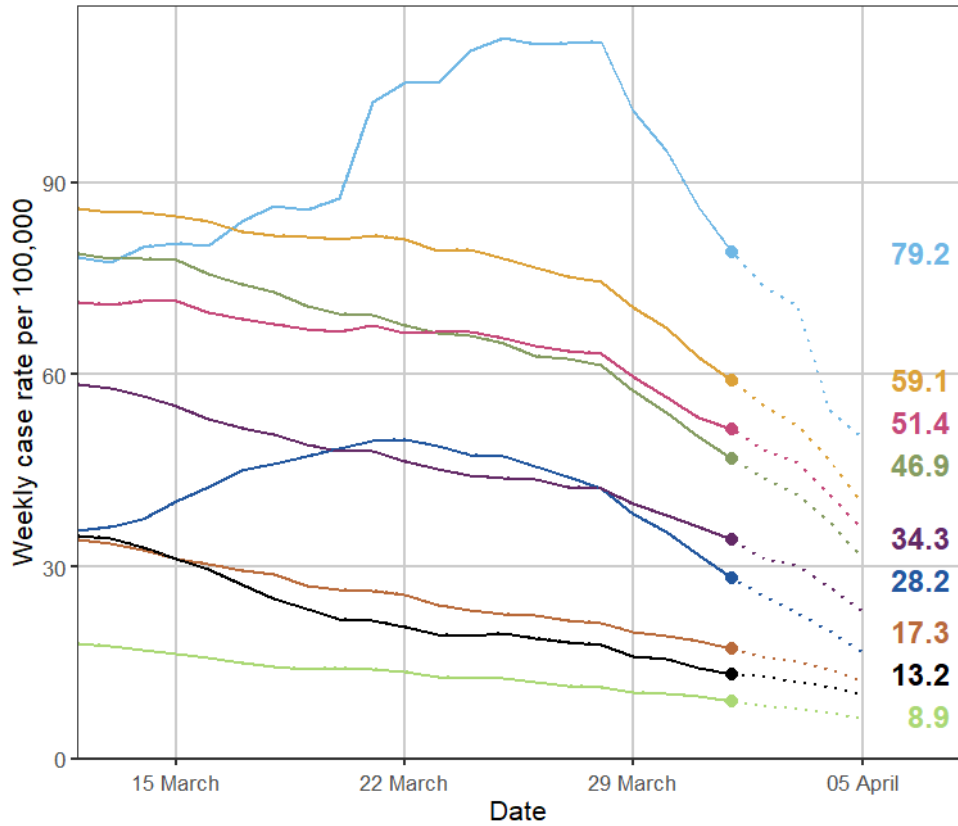LFD with PCR confirmation = Positive LFD with a positive PCR result within 3 days.
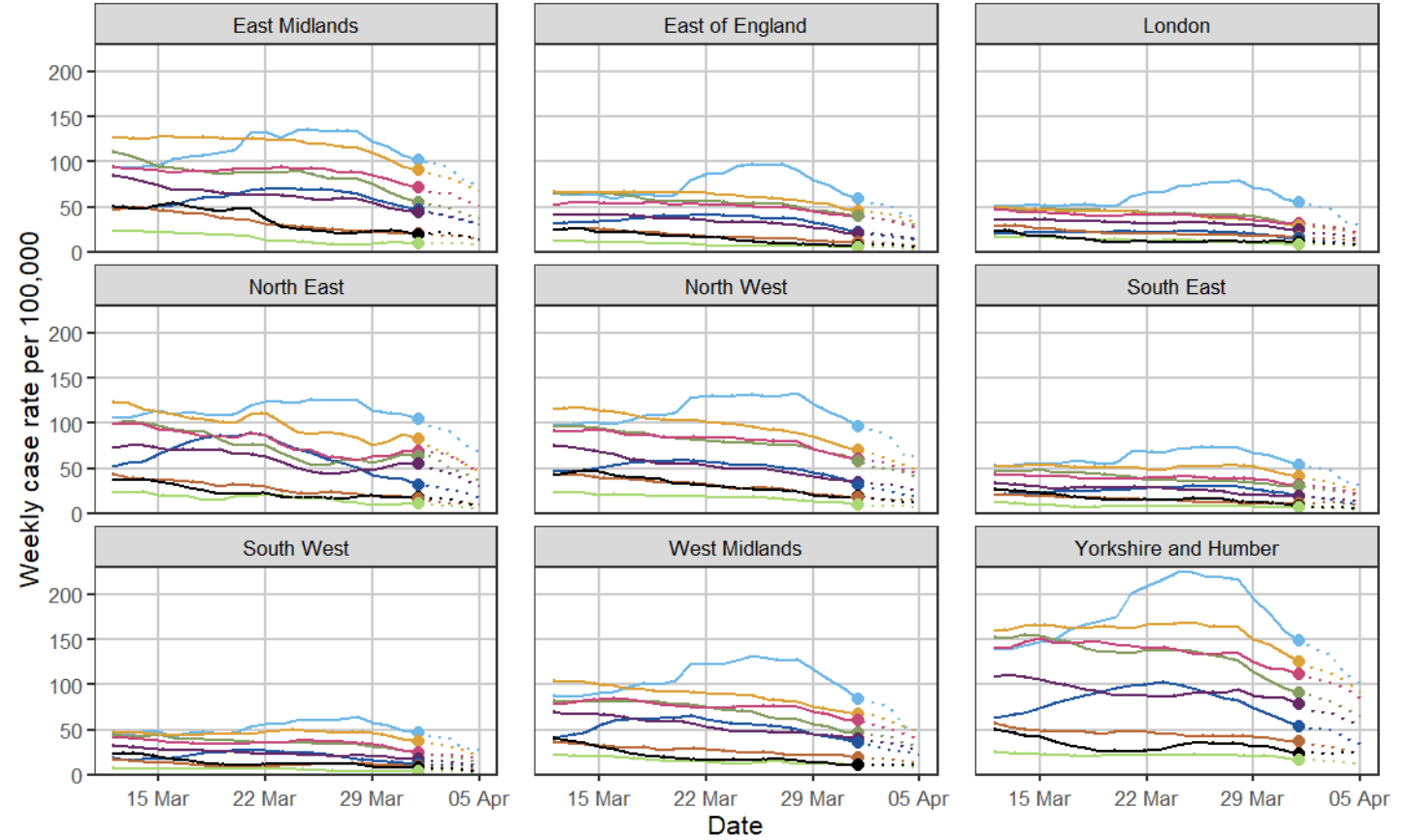LFD only = Positive LFD with no positive PCR result within 3 days.
Data source: SGSS

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

Data up to 01 April 2021

Weekly case rate per 100,000 population by age group

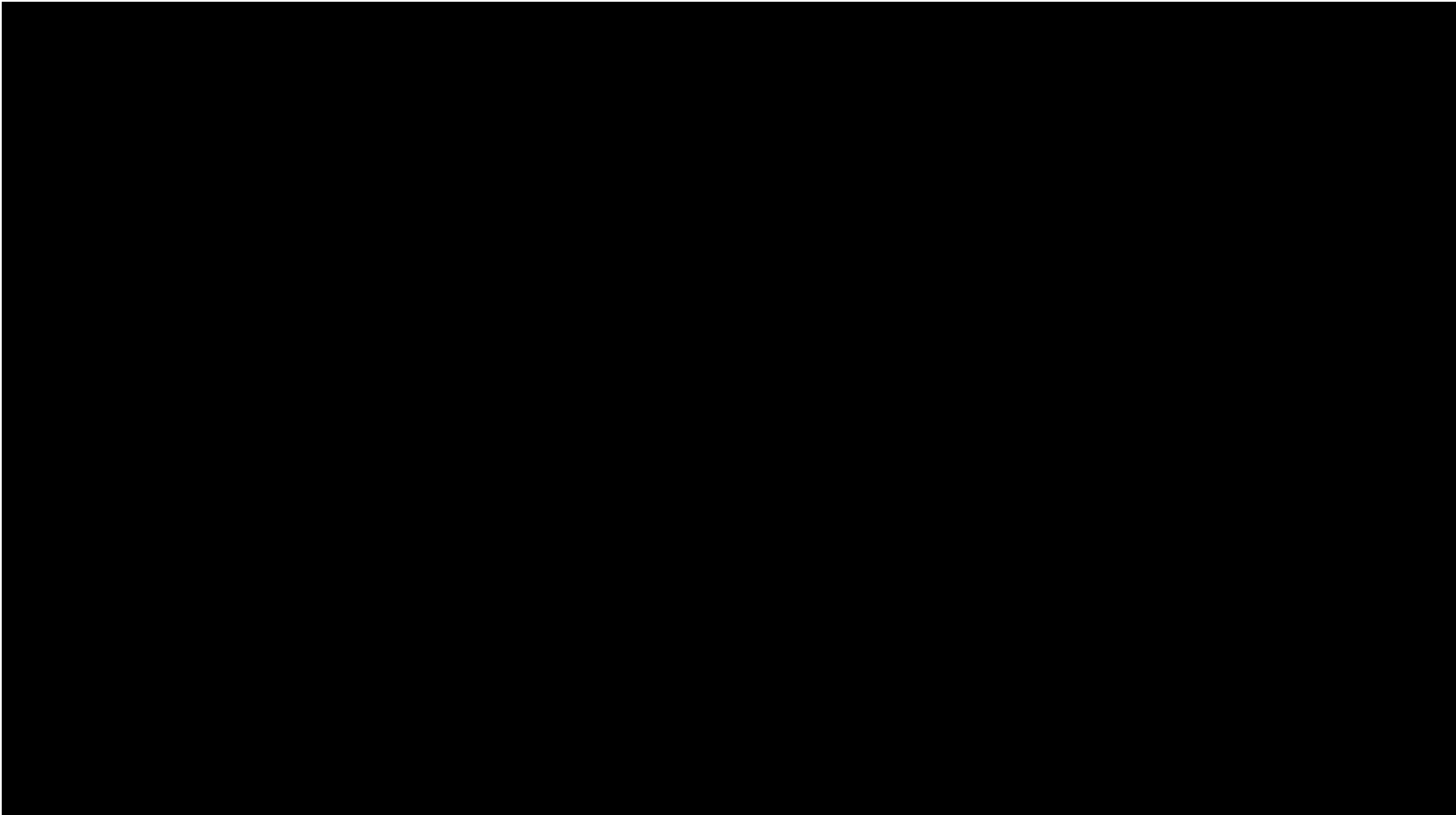Weekly case rate per 100,000 population by age group

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 26 March 2021 to 01 April 2021
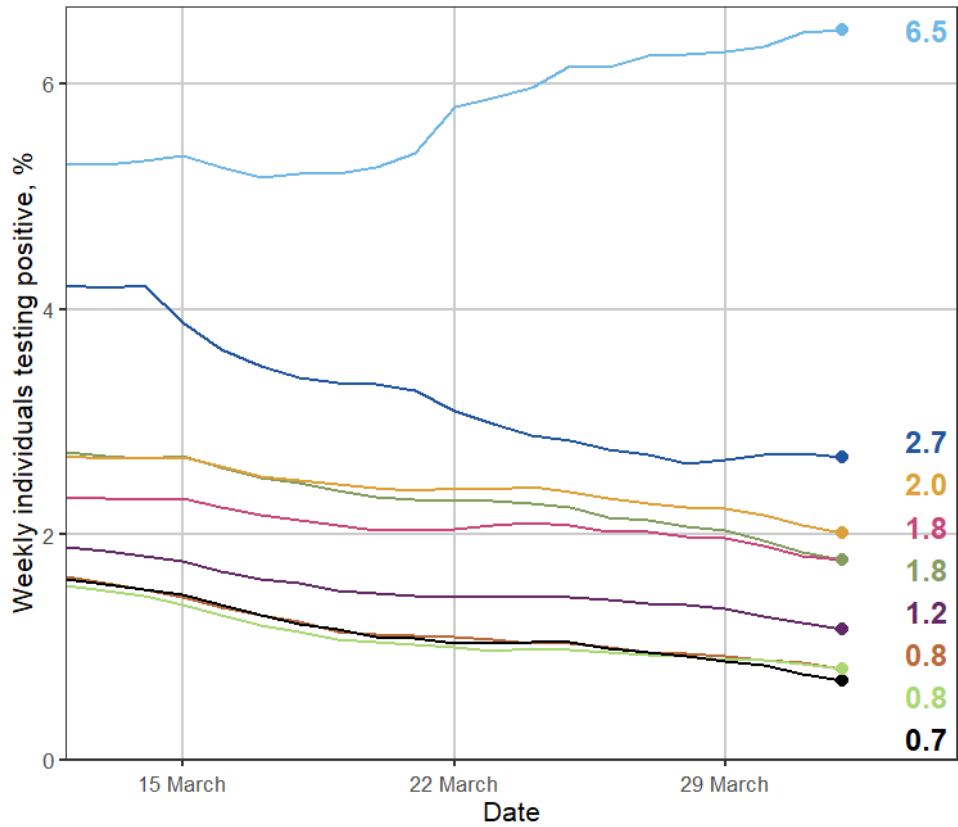Dashed lines indicates period with incomplete data

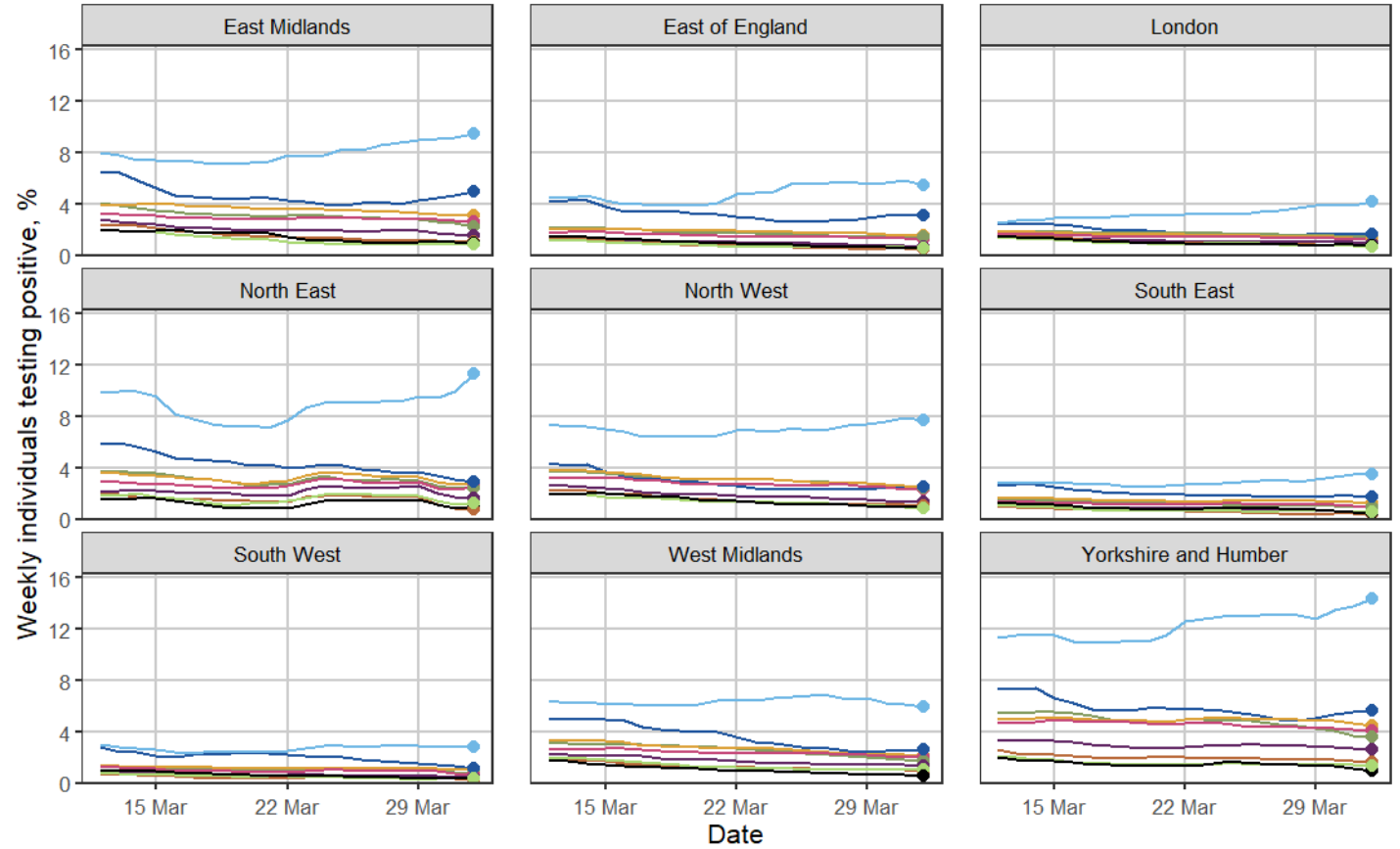Dashed lines indicates period with incomplete data

13

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

Data up to 01 April 2021

Weekly individual test positivity, %, by age group

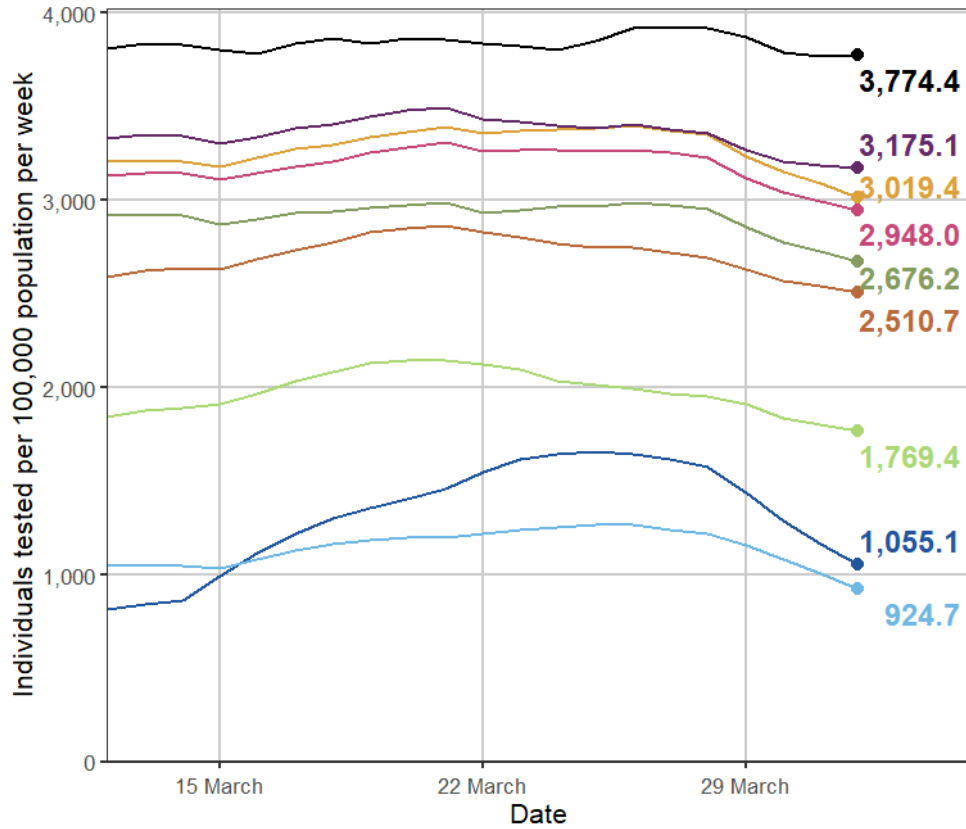Weekly individual test positivity, %, by age group

Labels show positivity rate for 26 March 2021 to 01 April 2021.
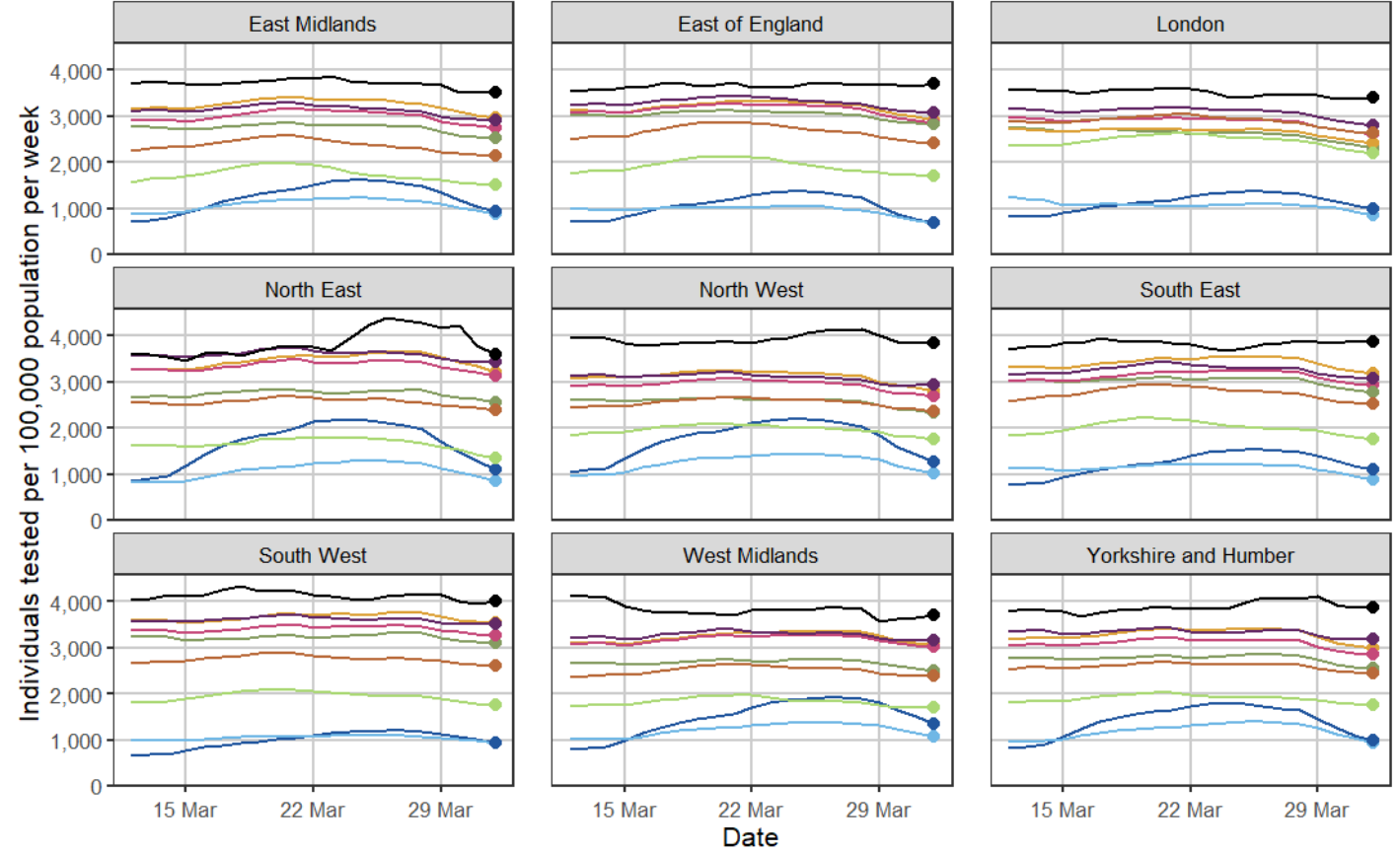Excludes LFD tests

Excludes LFD tests

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

Data up to 01 April 2021

Individuals tested per 100,000 population

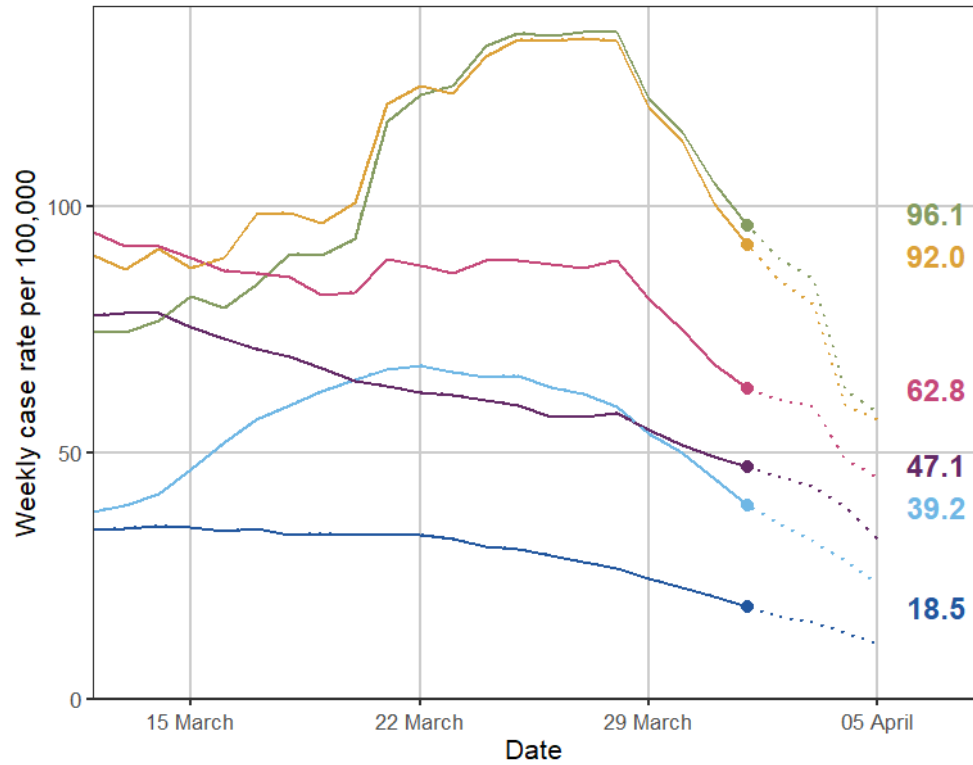Individuals tested per 100,000 population

Labels show test rate for 26 March 2021 to 01 April 2021.
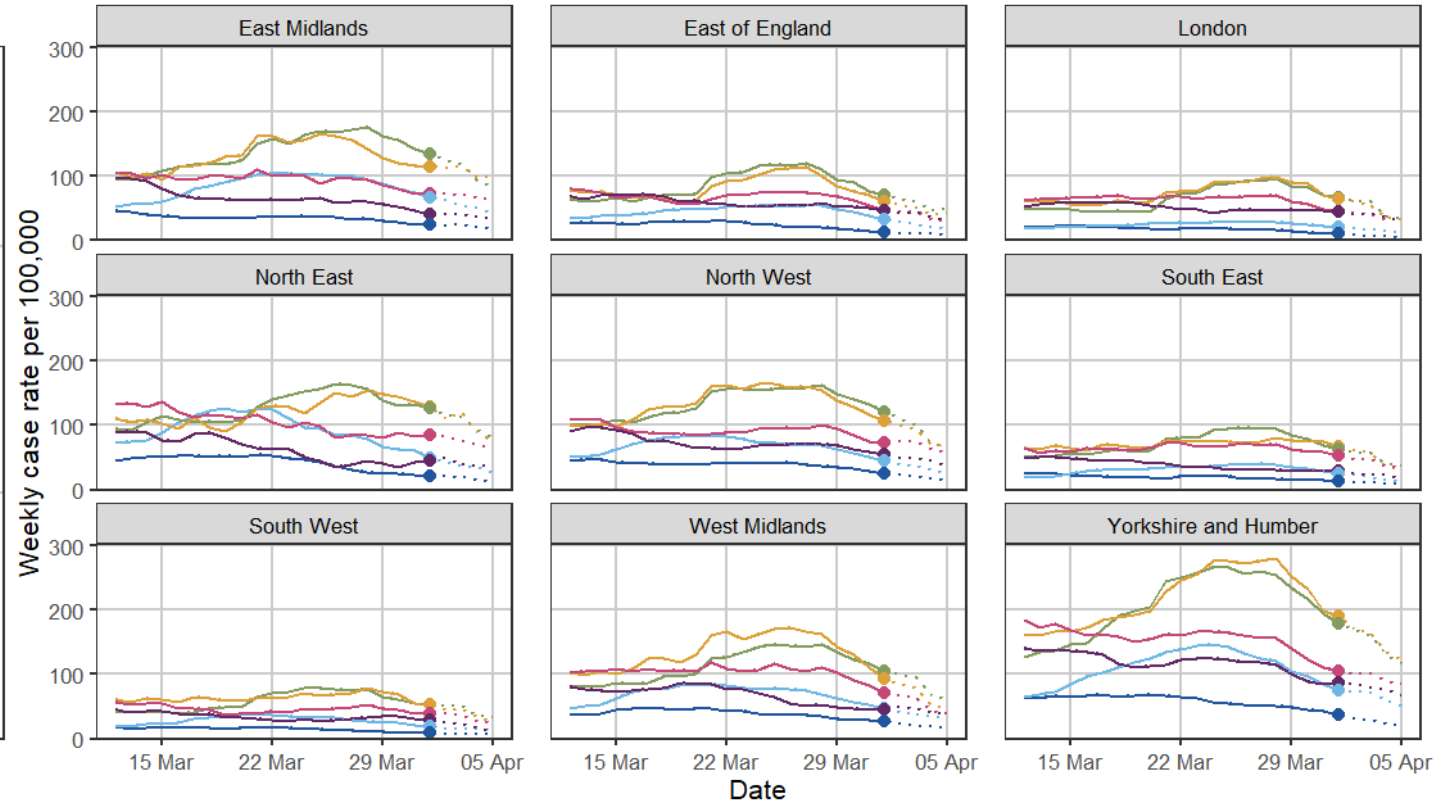Excludes LFD tests

Excludes LFD tests

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

Data up to 01 April 2021

Weekly case rate per 100,000 population by age group
(0 to 21 year olds)

Weekly case rate per 100,000 population by age group (0 to 21 year olds)

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

Labels show weekly case rate for 26 March 2021 to 01 April 2021
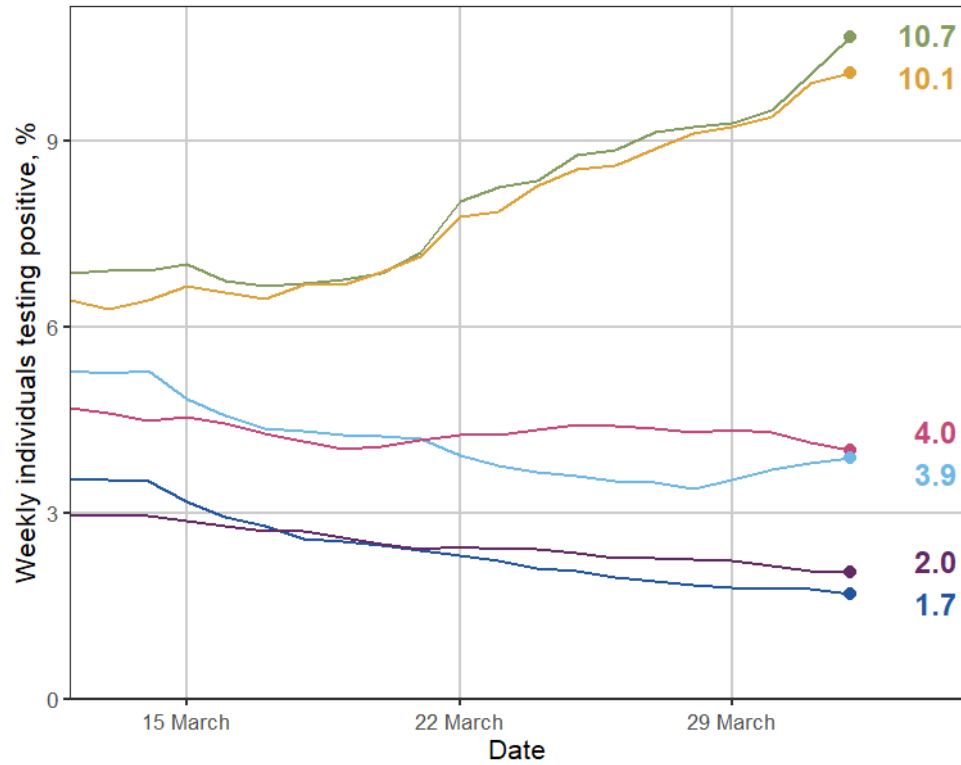Dashed lines indicates period with incomplete data

Dashed lines indicates period with incomplete data

Percentage of individuals testing positive in England across both pillars 1 and 2 (weekly) - young people
Data up to 01 April 2021

Weekly individual test positivity, %, by age group
(0 to 21 year olds)

Weekly individual test positivity, %, by age group (0 to 21 year olds)

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

Labels show positivity rate for 26 March 2021 to 01 April 2021.
Excludes LFD tests

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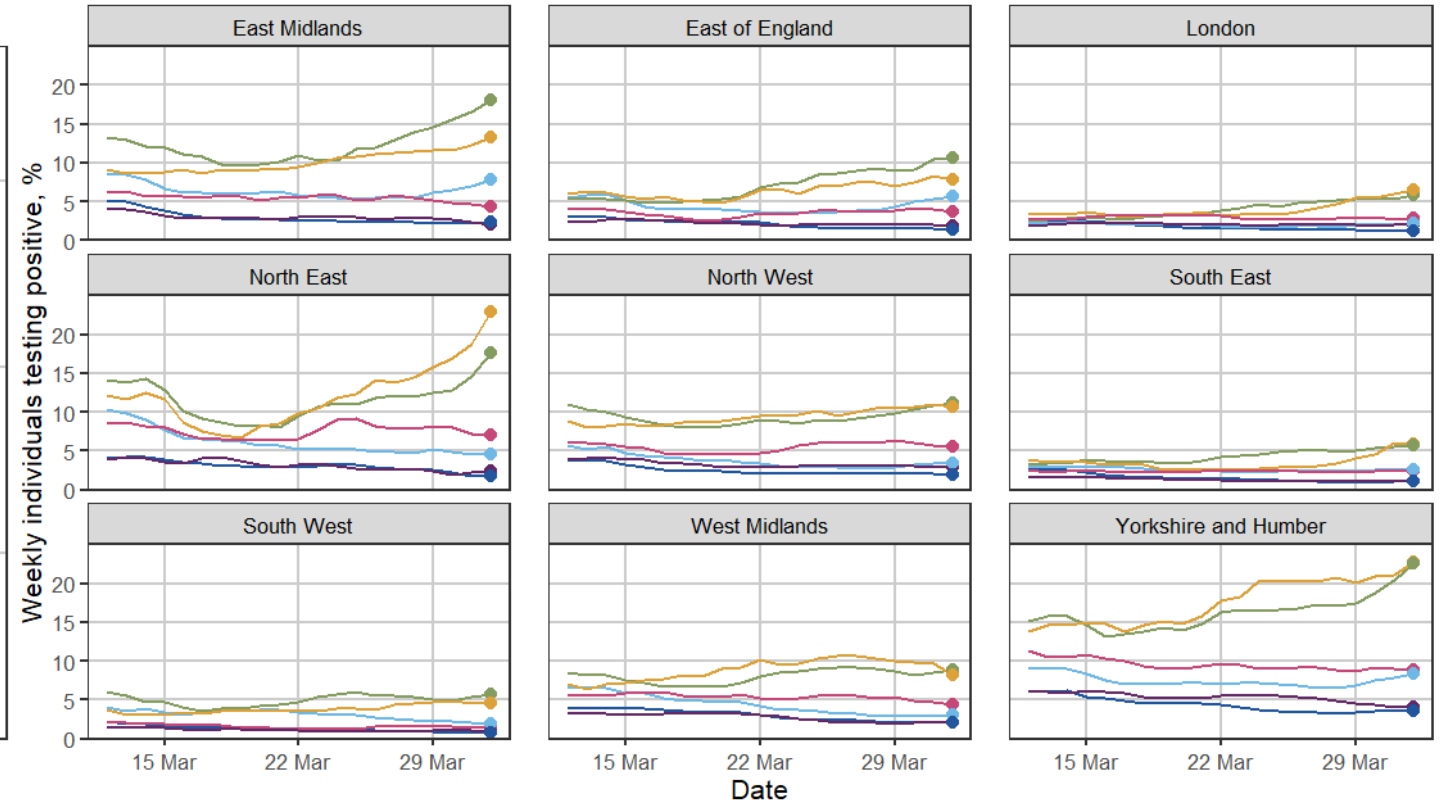
Individuals tested in England across both pillars 1 and 2 (weekly) - young people

Data up to 01 April 2021

Individuals tested per 100,000 population
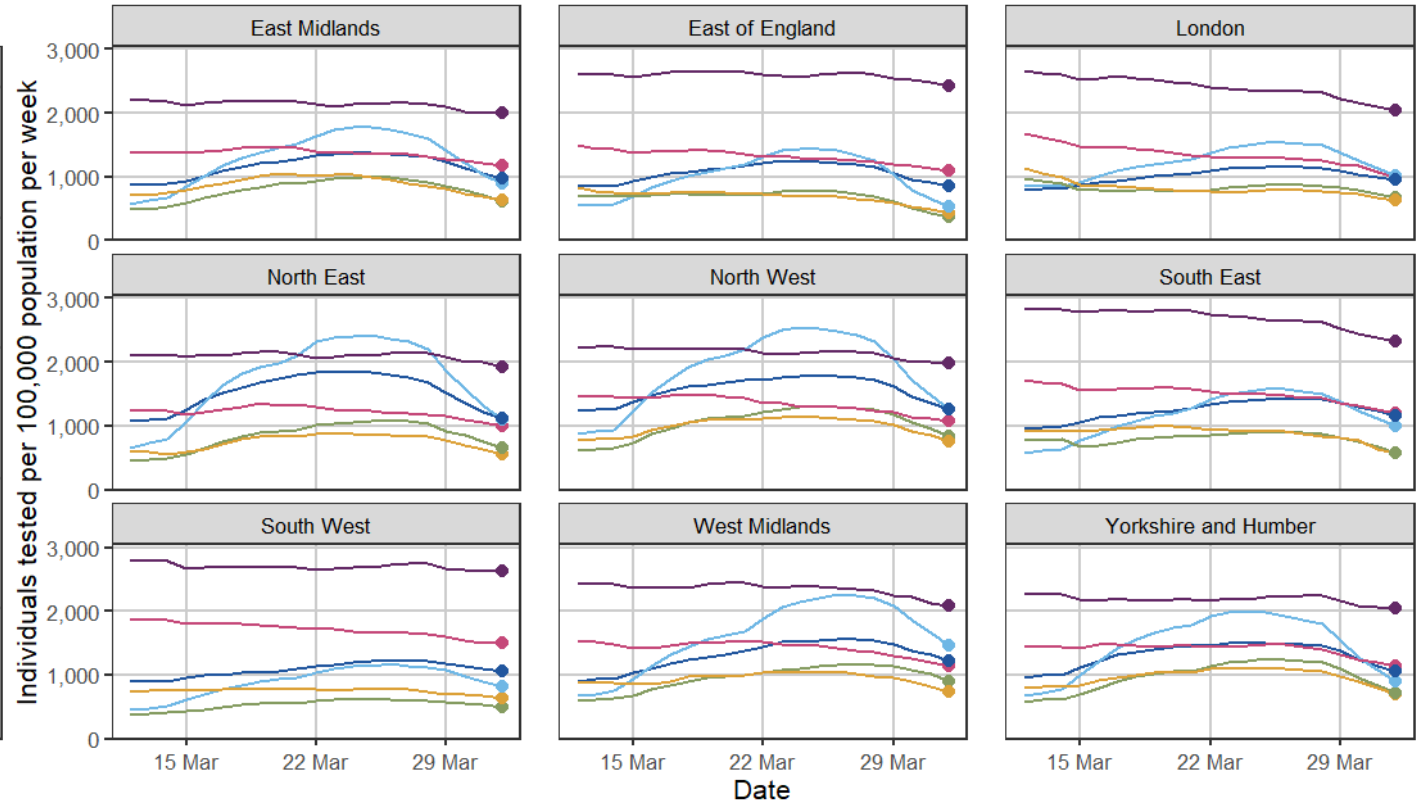(0 to 21 year olds)

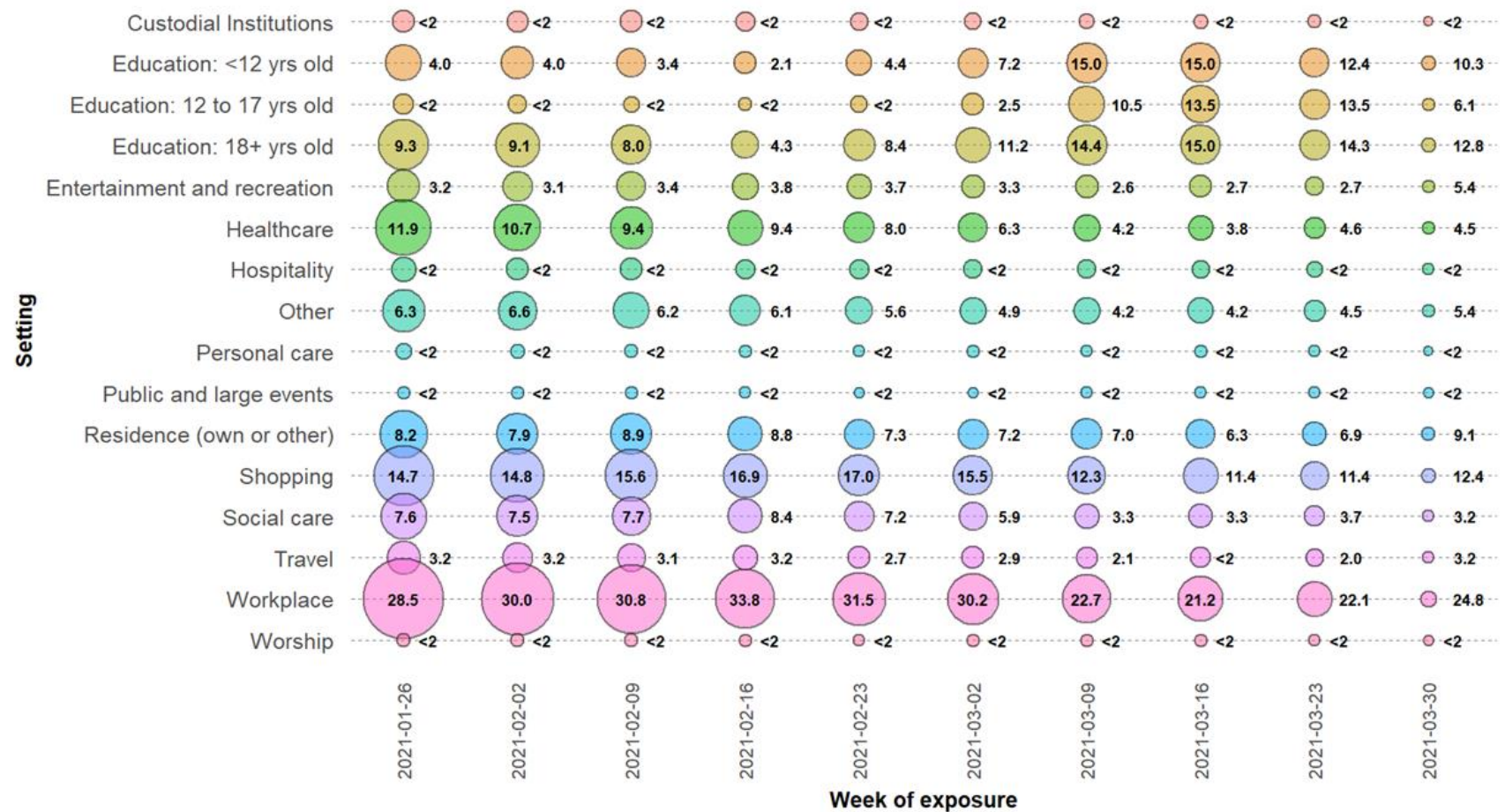Individuals tested per 100,000 population (0 to 21 year olds)

Labels show weekly testing rate for 26 March 2021 to 01 April 2021.
Excludes LFD tests

Excludes LFD tests

Exposure events reported by COVID-19 cases resident in England in the 7-2 days before symptom onset, by setting type and date of event (January 26 2021 to April 3 2021)

Exposure setting categories for surveillance and reporting are regularly reviewed to ensure they meet requirements for public health action during different phases of pandemic control. Categories used in this figure may change in future.

Number: Proportion of exposures
Size: Number of exposures

Data is grouped by 7 day period. The most recent 14 days may not have complete data yet.
Data: Common exposures line list from CTAS data, Public Health England.

Common exposure events* reported by COVID-19 cases resident in England, by setting type and date of event (January 26 2021 to April 3 2021)

*Location visits by at least two cases in the 7-2 days before symptom onset, within seven days of each other

Exposure setting categories for surveillance and reporting are regularly reviewed to ensure they meet requirements for public health action during different phases of pandemic control. Categories used in this figure may change in future.
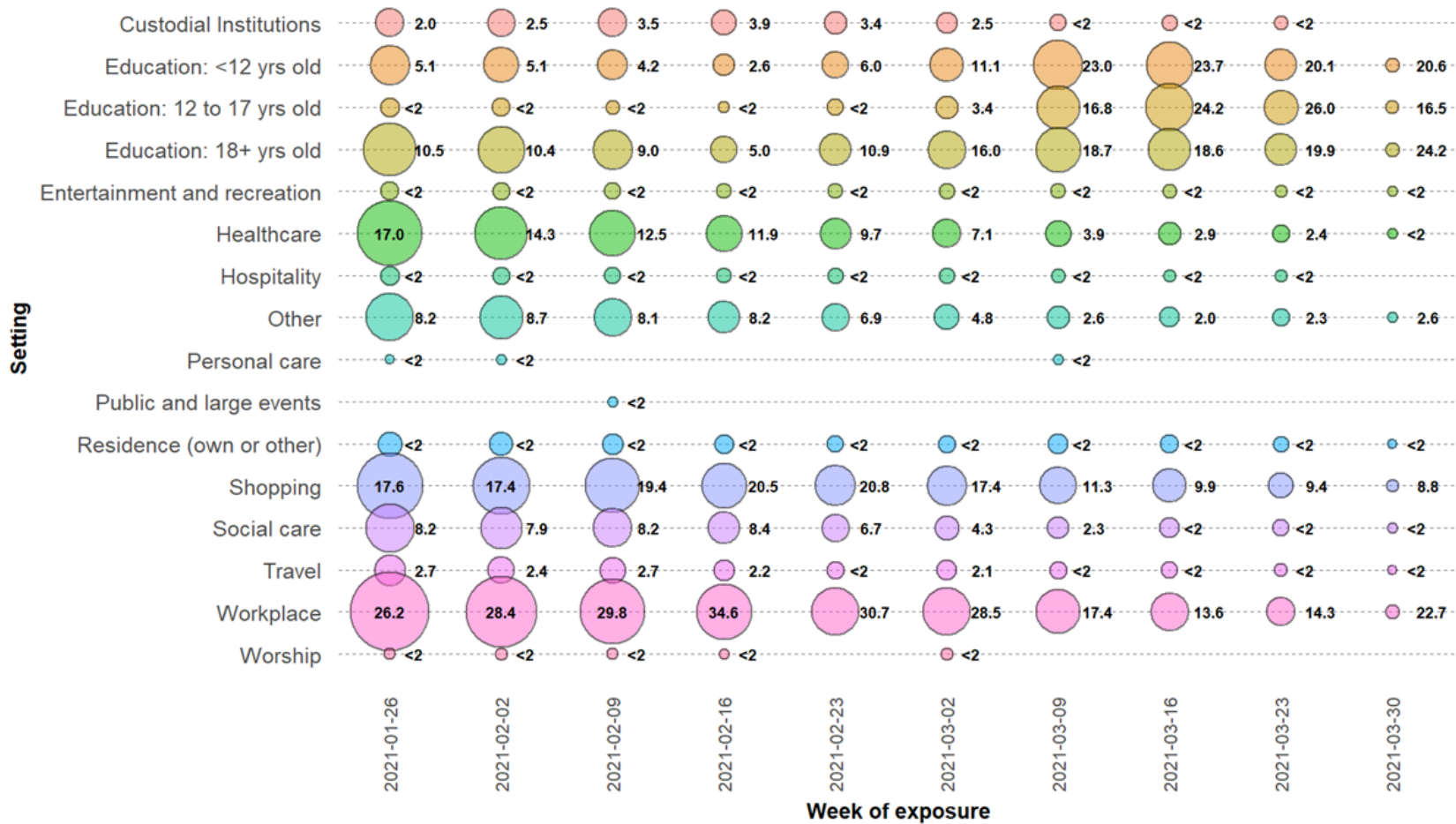
Number: Proportion of exposures
Size: Number of exposures

Data is grouped by 7 day period. The most recent 14 days may not have complete data yet.
Data: Common exposures line list from CTAS data, Public Health England.

Percentage prevalence of COVID-19 across England and Government Office regions - table
Date of report 2 April 2021 by PHE Joint Modelling Cell

Methodology

Prevalence estimates were generated by the Cambridge real-time model on **26 March 2021** using data up to **20 March 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	26/03/2021	02/04/2021	09/04/2021
England	0.23 (0.15, 0.34)	0.24 (0.14, 0.41)	0.23 (0.11, 0.48)
North East	0.22 (0.08, 0.61)	0.19 (0.05, 0.82)	0.16 (0.03, 1.01)
Yorkshire and The Humber	0.23 (0.10, 0.54)	0.20 (0.06, 0.66)	0.16 (0.04, 0.75)
North West	0.35 (0.15, 0.83)	0.36 (0.10, 1.20)	0.34 (0.07, 1.52)
East Midlands	0.40 (0.17, 0.92)	0.40 (0.12, 1.32)	0.38 (0.08, 1.68)
West Midlands	0.30 (0.12, 0.80)	0.29 (0.07, 1.16)	0.27 (0.04, 1.45)
East of England	0.11 (0.04, 0.29)	0.08 (0.02, 0.36)	0.06 (0.01, 0.41)
London	0.10 (0.05, 0.25)	0.07 (0.02, 0.27)	0.05 (0.01, 0.28)
South East	0.16 (0.07, 0.36)	0.13 (0.04, 0.43)	0.10 (0.02, 0.48)
South West	0.04 (0.01, 0.12)	0.03 (0.01, 0.13)	0.02 (0.00, 0.14)

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

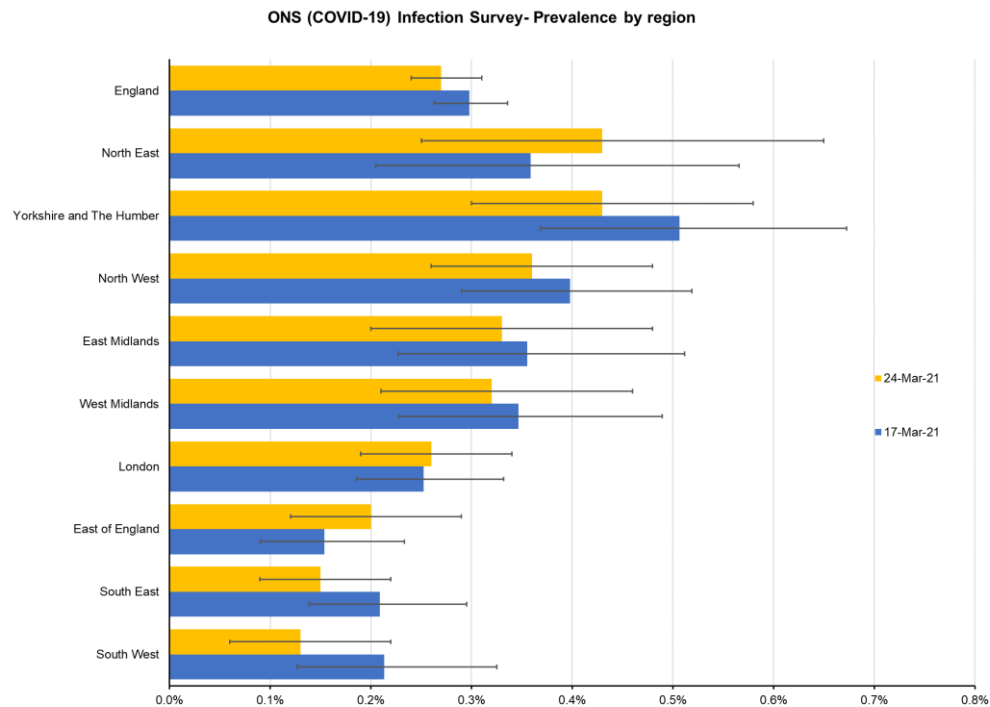North West - this is now in line with other data sources.

There have been issues with processing ONS data this week, and therefore there is lower confidence around the estimates for North East and South West. We would expect these to be revised next week.

Estimated Prevalence by Region

ONS Coronavirus (COVID-19) Infection Survey (1 April)

In England, the percentage of people testing positive for the coronavirus (COVID-19) has decreased in the week ending 27 March 2021; we estimate that 148,100 people within the community population in England had COVID-19 (95% credible interval: 129,700 to 167,400), equating to around 1 in 370 people

During the week ending 27 March 2021, the highest percentage of people testing positive is observed in the North East and Yorkshire and the Humber, the percentage of people testing positive increased in the East of England, and decreased in the South East and South West. The trend was uncertain for all other regions.
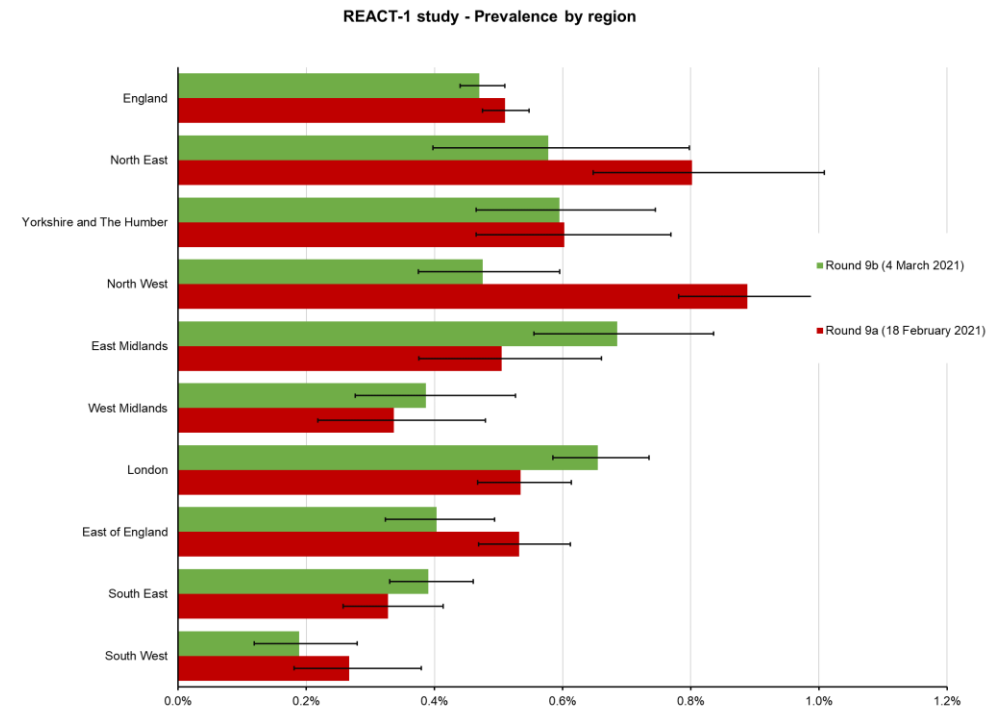
REACT-1 round 9 final report (4 March)

Out of 165,456 results for round 9 overall, 689 were positive. Overall weighted prevalence of infection in the community in England was 0.49% (0.44%, 0.55%), representing a fall of over two thirds from round 8. However the rate of decline of the epidemic has slowed from 15 (13, 17) days, estimated for the period from the end of round 8 to the start of round 9, to 31 days estimated using data from round 9 alone (lower confidence limit 17 days).

When comparing round 9a to 9b there were apparent falls in four regions, no apparent change in one region and apparent rises in four regions, including London where there was a suggestion of sub-regional heterogeneity in growth and decline.

ONS (COVID-19) Infection Survey- Prevalence by region

REACT-1 study - Prevalence by region

Coronavirus (COVID-19) Infection Survey, UK: 1 April 2021

REACT-1 round 9 final report from 04/03/21.The report includes swabs collected between 04/02/21 and 23/02/21

Hospitalisations national trends

Trends in hospital and ICU/HDU admission rates for confirmed COVID-19, NHS acute trusts, England
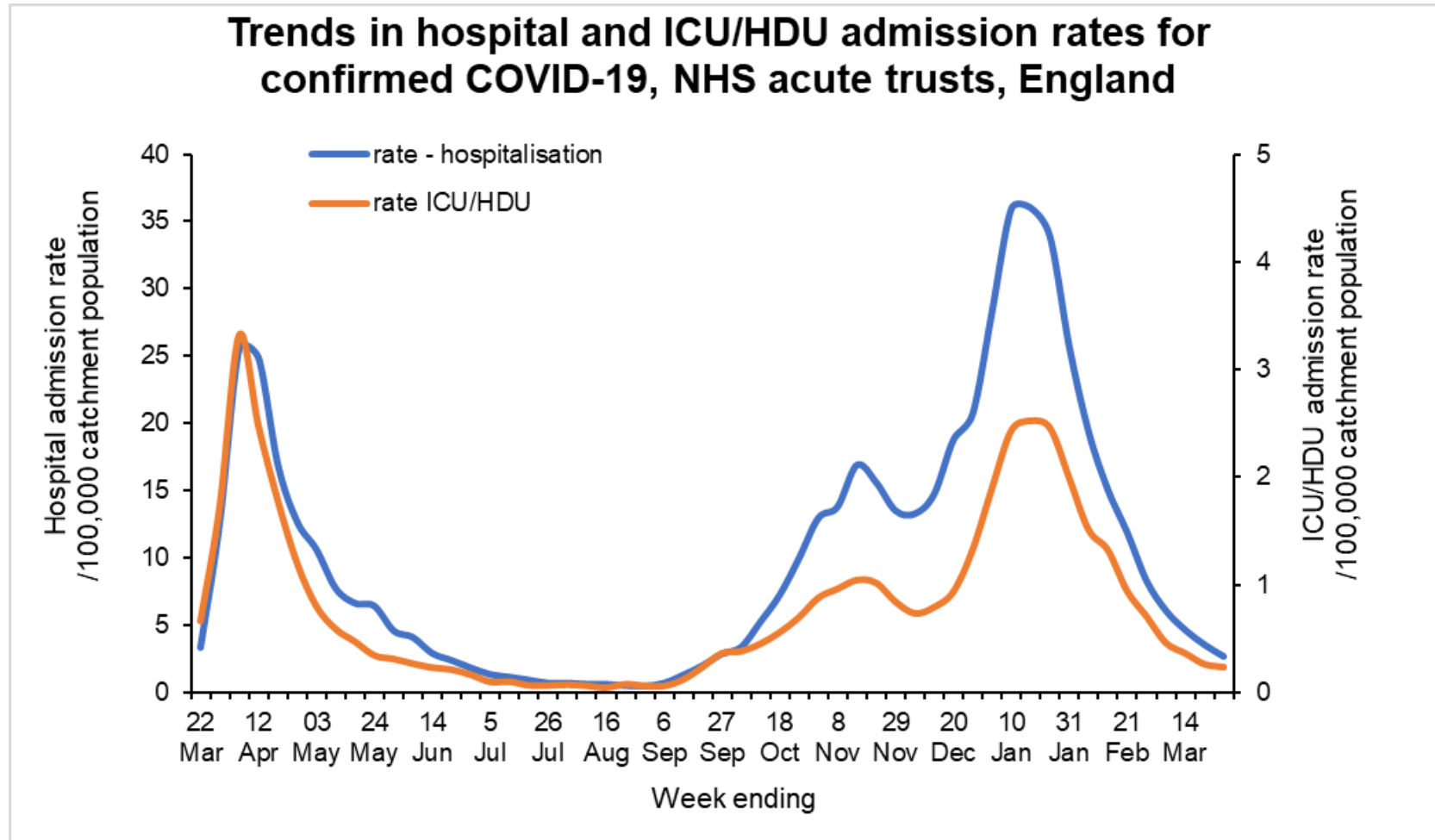
Hospital admissions refers to admissions to all levels of care inclusive of ICU/HDU admissions