



Public Health
England



Test and Trace

COVID-19 SITUATIONAL AWARENESS

SUMMARY

MAIN REPORT
20 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.

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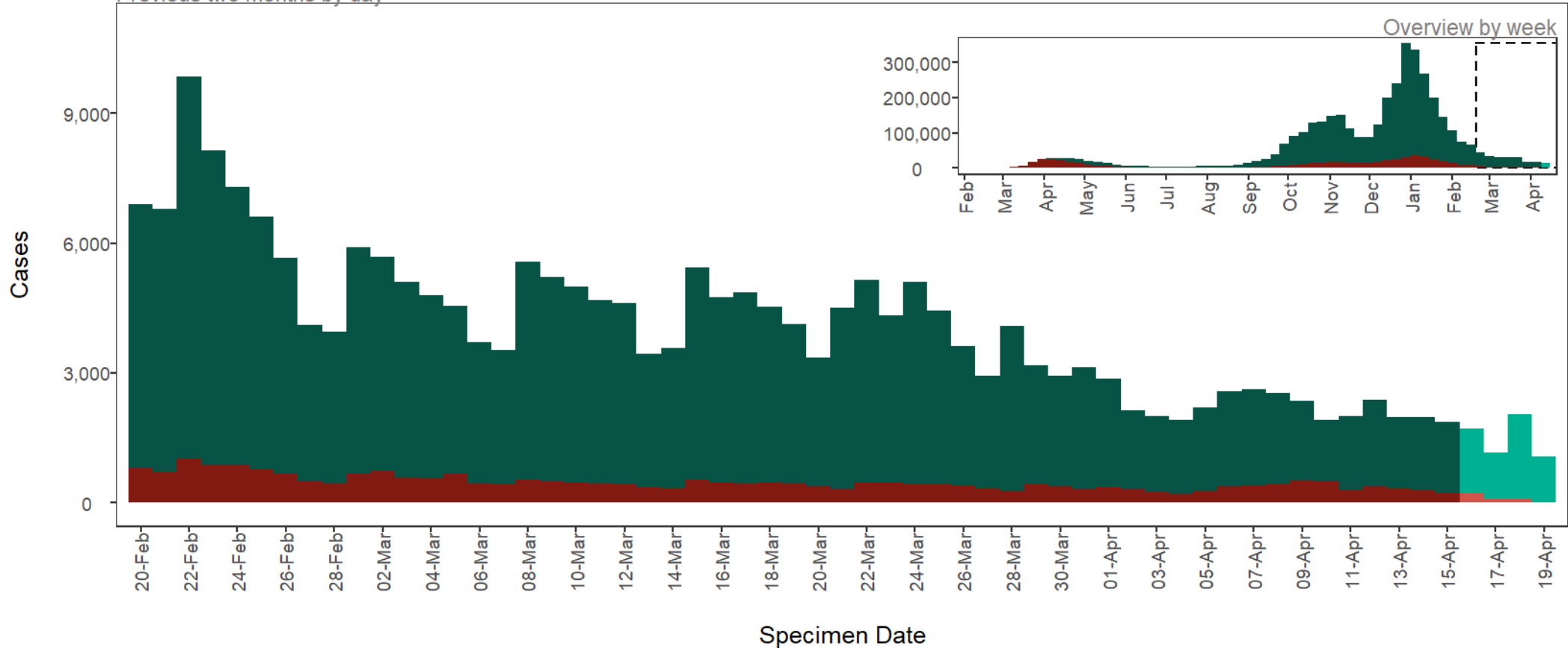
Throughout the SAR:

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

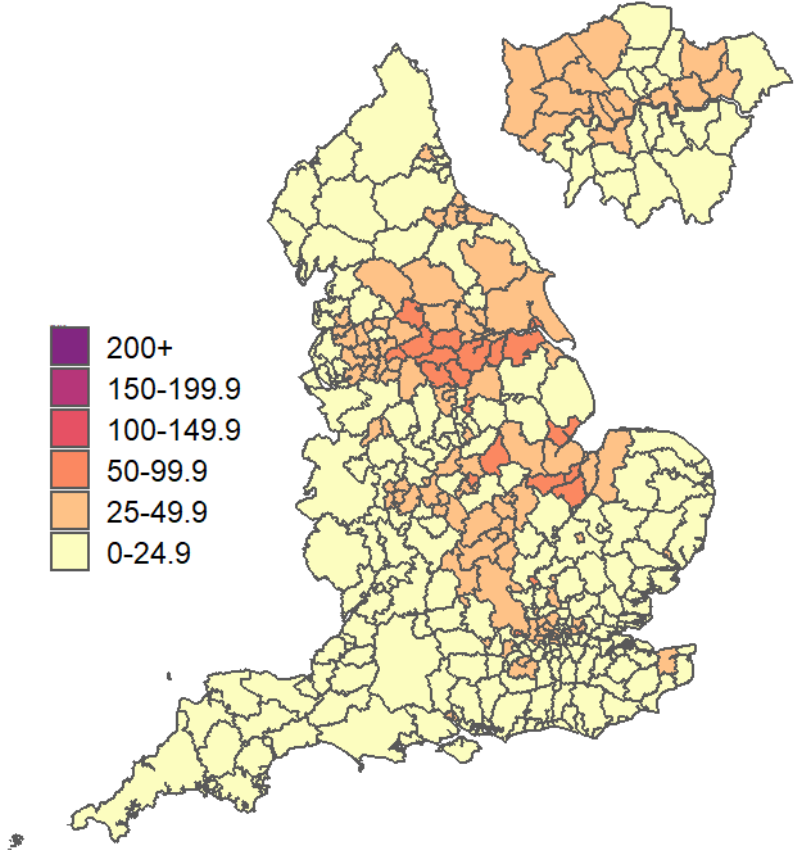


Bars shaded in **light red** and **light green** are provisional. Figures are expected to change as results are received for additional samples tested during this period. Inset epi curve is based on weekly reports from date of first case diagnosed. Main epi curve shows daily cases truncated to show the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

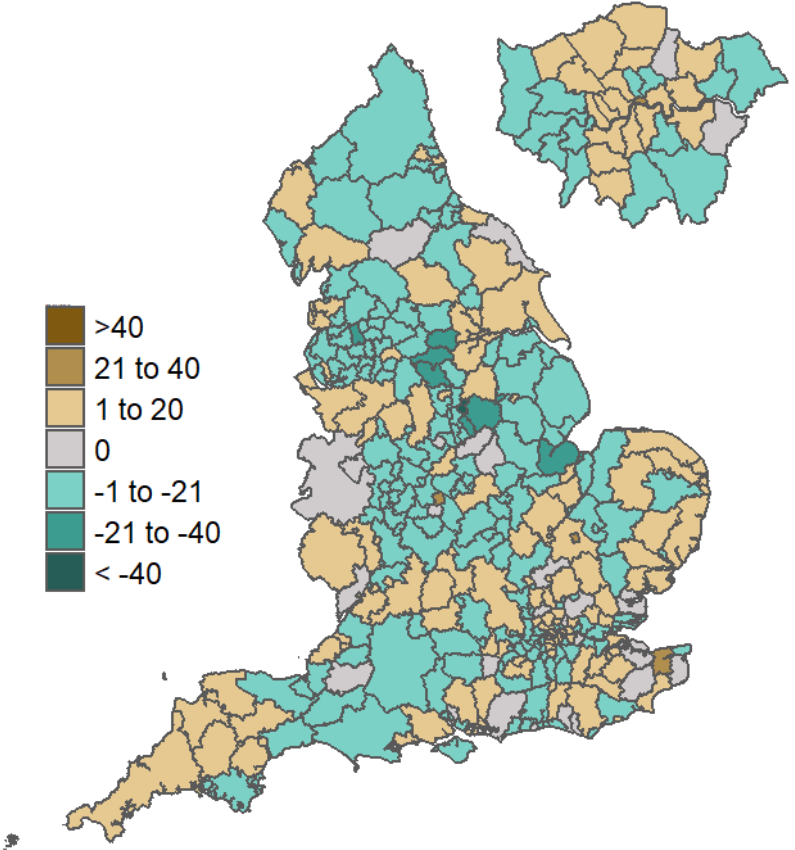
Produced by the Outbreak Surveillance Team, Public Health England.

Case Rates - Geographical spread of COVID-19 in England

Weekly case rates per 100,000 population
by local authority
09 Apr to 15 Apr 2021



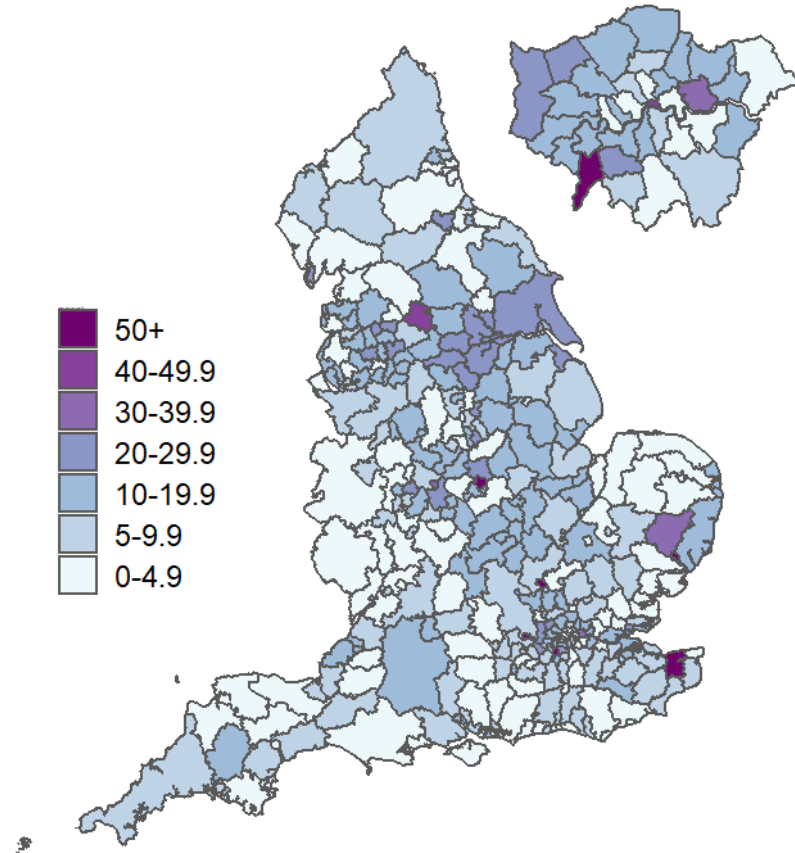
Absolute case rate change per 100,000 population
by local authority
02 Apr to 08 Apr 2021 and 09 Apr to 15 Apr 2021



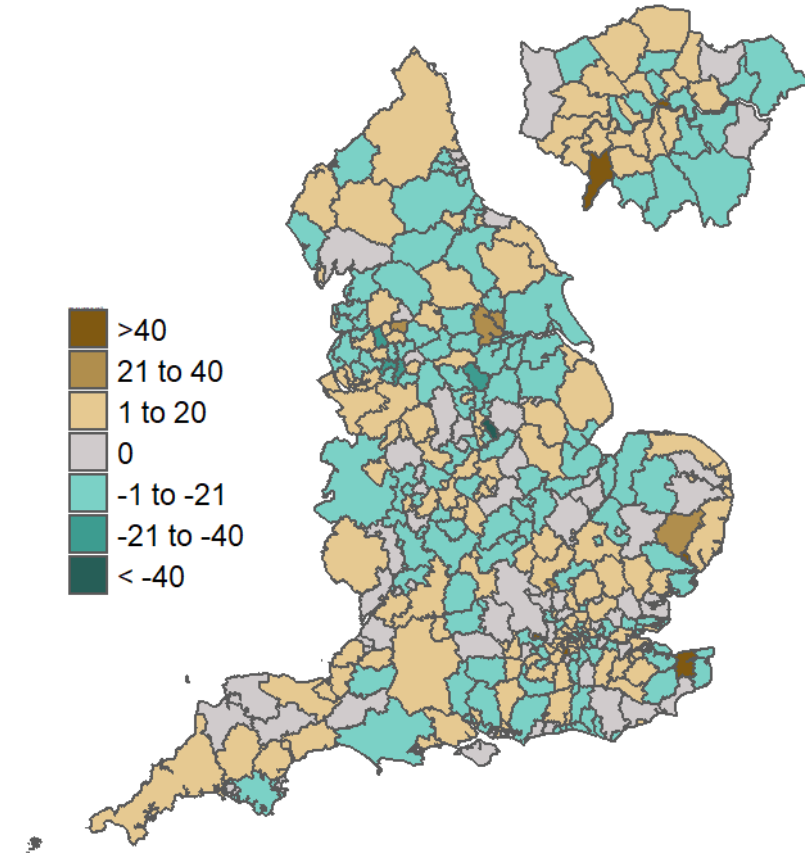
Data from SGSS; Pillar 1 and 2 testing. Figure by Outbreak Surveillance Team, Public Health England. Contains National Statistics data including 2019 population estimates. Crown copyright and database right 2021

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

Weekly case rates per 100,000 population
by local authority
09 Apr to 15 Apr 2021



Absolute case rate change per 100,000 population
by local authority
02 Apr to 08 Apr 2021 and 09 Apr to 15 Apr 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 (09 April 2021 to 15 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	310.4	+ 7.3%	1.4%	-30.0%	0	0	35			31.8	-18.5%	4	13	18	12.8	-12.9%	58.0	-16.5%	43.6	-16.0%		
East of England	346.3	+13.5%	0.9%	-10.0%	0	0	46			22.6	+2.3%	3	7	36	10.6	+35.9%	50.3	+31.7%	46.0	+62.5%		
London	397.6	+34.2%	0.9%	-25.0%	0	0	33			23.3	+8.9%	0	15	18	13.7	+25.7%	32.0	+11.9%	35.2	+ 4.5%		
North East	331.5	+ 7.7%	1.0%	-28.6%	0	0	12			23.5	-19.2%	0	6	6	7.1	-17.4%	51.8	-17.3%	30.2	-15.6%		
North West	308.6	+ 7.2%	1.3%	-27.8%	0	0	39			27.7	-14.0%	1	16	22	10.9	-8.4%	50.7	-19.9%	38.4	-11.3%		
South East	343.7	+ 8.5%	0.7%	-12.5%	0	0	63			17.2	-3.9%	1	9	53	7.6	+ 2.7%	26.0	-3.0%	29.7	+ 8.0%		
South West	362.9	+ 7.2%	0.4%	-33.3%	0	0	30			13.0	-5.8%	0	0	30	6.4	+68.4%	19.5	-28.8%	19.4	-16.0%		
West Midlands	313.0	+ 6.6%	1.1%	-21.4%	0	0	30			23.8	-11.9%	0	12	18	10.5	+11.7%	33.9	-31.9%	30.8	-27.2%		
Yorkshire and Humber	317.1	+ 6.5%	2.4%	-25.0%	0	0	21			52.1	-16.4%	9	8	4	18.6	-26.2%	86.6	-17.0%	82.0	-4.8%		
England	352.4	+12.2%	1.0%	-28.6%	0	0	309			25.8	-9.2%	18	86	205	11.0	+ 1.9%	43.4	-11.1%	39.9	-3.2%		

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 09 April 2021 and 15 April 2021

7-day change % demonstrates how figures compare to the equivalent figure as of 08 April 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 (09 April 2021 to 15 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, %	Weekly	7-day change, %	Last 7 days	Last 7 days
East of England	Luton	459.2	+21.4%	3.1%	-8.8%			92.5		+ 9.5%	52.5	+ 72.7%	121.5	-4.6%	156.5	+111.2%				
Yorkshire and Humber	Doncaster	342.0	+10.9%	3.3%	-17.5%			80.5		+ 1.6%	24.1	-32.1%	96.0	-19.3%	218.8	+ 65.0%				
Yorkshire and Humber	Bradford	350.3	+10.2%	3.5%	-14.6%			74.5		-11.8%	40.5	+ 19.1%	100.2	-21.7%	119.0	+ 2.5%				
East Midlands	Leicester	345.6	+11.5%	3.2%	-17.9%			74.0		-8.3%	57.6	+ 13.4%	149.5	+ 62.5%	62.5	0.0%				
East Midlands	Boston	360.7	+ 8.7%	2.8%	-15.2%			68.4		-5.9%	15.8	-25.1%	112.6	0.0%	61.7	-50.0%				
Yorkshire and Humber	Kingston upon Hull, City of	364.5	+ 6.7%	2.3%	-25.8%			66.2		-2.4%	11.4	-62.4%	161.9	+ 21.7%	97.4	+ 30.7%				
Yorkshire and Humber	Barnsley	309.4	+ 4.7%	2.7%	-43.7%			66.0		-31.0%	28.3	+ 6.0%	120.3	-23.0%	169.9	-25.9%				
Yorkshire and Humber	Rotherham	332.3	+12.3%	2.8%	-28.2%			64.1		-12.3%	24.9	-48.6%	90.3	+ 13.3%	125.9	-26.1%				
South East	Slough	364.6	+ 5.5%	2.7%	-10.0%			63.5		-5.1%	74.5	+128.5%	91.2	+ 71.4%	118.3	-25.0%				
North West	Oldham	280.1	+ 4.0%	3.6%	0.0%			63.3		+ 9.5%	17.9	0.0%	118.2	+109.2%	56.7	-46.7%				
Yorkshire and Humber	North Lincolnshire	350.4	+ 3.8%	2.6%	-10.3%			62.1		-7.7%	14.6	-30.1%	73.6	-10.0%	86.4	0.0%				
Yorkshire and Humber	Kirklees	288.5	+ 5.2%	3.3%	-21.4%			62.1		-18.9%	13.7	-36.3%	114.8	-2.5%	162.5	+ 23.6%				
East Midlands	Mansfield	371.8	+11.1%	2.4%	-46.7%			57.6		-44.8%	21.4	-33.3%	99.0	-84.8%	60.0	0.0%				
Yorkshire and Humber	Wakefield	313.5	+ 3.1%	2.7%	-35.7%			55.7		-34.2%	21.8	-29.7%	72.8	-51.4%	92.7	-53.1%				
East Midlands	Melton	246.9	-2.3%	2.8%	0.0%			54.7		0.0%	13.1	0.0%	172.1	+199.8%	129.8	0.0%				
East of England	Fenland	414.2	+17.2%	1.6%	-23.8%			53.0		+ 1.9%	13.4	0.0%	46.7	-40.1%	167.5	+166.7%				
East of England	Peterborough	402.0	+22.2%	2.0%	-35.5%			52.4		-23.2%	15.1	-14.2%	113.2	+ 13.4%	61.7	-45.4%				
Yorkshire and Humber	Sheffield	270.9	+ 3.1%	2.8%	-31.7%			51.3		-28.3%	18.0	-35.3%	59.5	-45.3%	46.4	-22.5%				
North West	Manchester	313.6	+ 7.1%	2.5%	-13.8%			49.7		-3.3%	14.1	-59.8%	48.7	-33.4%	44.7	+ 27.7%				
Yorkshire and Humber	Selby	288.6	+ 3.3%	1.9%	+18.7%			48.6		+51.9%	28.9	+248.2%	64.8	+ 33.3%	52.1	-33.4%				
	England	352.4	+12.2%	1.0%	-28.6%			25.8		-9.2%	11.0	+ 1.9%	43.4	-11.1%	39.9	-3.2%				
																				14,502

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 (09 April 2021 to 15 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, %	Weekly	7-day change, %
London	City of London	651.0	+ 27.7%	0.7%	+133.3%			30.9		+200.0%	46.0	+ Inf%	220.3	+ Inf%	0.0	-		
South East	Canterbury	308.8	+ 12.4%	0.2%	-33.3%			34.5		+171.7%	60.2	+333.1%	28.7	+ Inf%	33.0	+ 50.0%		
East of England	Cambridge	511.2	+ 21.1%	1.3%	+116.7%			45.7		+138.0%	4.6	-50.5%	54.3	-19.9%	111.6	+500.0%		
South East	Cherwell	360.0	+ 12.9%	1.0%	+ 42.9%			28.6		+127.0%	11.1	+296.4%	9.2	-75.0%	58.6	+ 33.2%		
West Midlands	Nuneaton and Bedworth	288.8	-0.1%	2.2%	+ 57.1%			47.0		+ 91.1%	12.3	+101.6%	112.2	+232.9%	15.6	0.0%		
East of England	Stevenage	349.0	+ 9.2%	1.1%	+ 22.2%			33.0		+ 81.3%	10.9	+ Inf%	96.3	+501.9%	47.7	+100.4%		
Yorkshire and Humber	Ryedale	334.8	+ 14.5%	0.8%	+ 14.3%			28.9		+ 45.2%	10.5	+ Inf%	115.5	+ 33.2%	41.7	+ Inf%		
North East	Newcastle upon Tyne	313.2	+ 4.4%	1.8%	+ 20.0%			40.0		+ 34.7%	10.2	-14.3%	55.0	+ 25.0%	37.6	+ 8.4%		
East Midlands	Bassetlaw	331.3	+ 3.7%	1.7%	+ 13.3%			39.2		+ 31.5%	11.9	-33.1%	77.3	+ 20.0%	126.8	+ 40.0%		
Yorkshire and Humber	East Riding of Yorkshire	363.1	+ 11.2%	1.5%	-6.3%			44.8		+ 28.4%	22.9	-33.2%	67.6	+200.4%	59.5	+ 50.3%		
London	Barnet	382.4	+ 23.1%	1.3%	0.0%			32.8		+ 26.2%	14.5	+119.7%	60.3	+100.3%	63.1	+ 71.5%		
London	Redbridge	313.0	+ 20.7%	1.9%	+ 5.6%			36.7		+ 25.7%	17.1	0.0%	53.9	0.0%	23.8	-42.8%		
London	Wandsworth	895.0	+197.2%	0.5%	-58.3%			27.6		+ 21.6%	16.3	+132.9%	58.3	+ 66.6%	44.6	-14.4%		
London	Newham	295.8	+ 11.5%	1.8%	0.0%			37.1		+ 21.2%	30.2	+ 20.3%	43.8	+ 37.3%	14.3	-39.9%		
London	Harrow	319.1	-25.7%	1.9%	+ 58.3%			37.4		+ 20.3%	24.3	-13.2%	54.6	+100.0%	67.2	+166.7%		
London	Tower Hamlets	308.2	+ 13.4%	1.3%	-13.3%			27.1		+ 18.9%	3.3	-75.0%	46.3	+100.4%	54.6	+120.2%		
London	Westminster	455.4	+ 27.0%	1.1%	0.0%			30.6		+ 15.9%	4.6	-66.4%	27.0	-19.9%	92.5	+ 62.6%		
East Midlands	Chesterfield	398.6	+ 3.4%	0.8%	0.0%			28.6		+ 15.3%	13.8	+294.3%	46.1	-40.1%	20.2	-50.1%		
London	Brent	356.9	+ 5.7%	1.1%	-8.3%			27.3		+ 15.2%	13.9	+717.6%	21.6	-28.5%	20.8	-20.0%		
East Midlands	North West Leicestershire	268.9	+ 20.0%	1.5%	-21.1%			29.9		+ 14.6%	18.6	+151.4%	0.0	-100.0%	80.1	+ 33.3%		
	England	352.4	+ 12.2%	1.0%	-28.6%			25.8		-9.2%	11.0	+ 1.9%	43.4	-11.1%	39.9	-3.2%		

14,502





















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

All indicators for the last 7 days (09 April 2021 to 15 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, %	Weekly	7-day change, %	Last 7 days
South East	Slough	364.6	+ 5.5%	2.7%	-10.0%			63.5		-5.1%	74.5	+128.5%	91.2	+ 71.4%	118.3	-25.0%			
South East	Canterbury	308.8	+ 12.4%	0.2%	-33.3%			34.5		+171.7%	60.2	+333.1%	28.7	+ Inf%	33.0	+ 50.0%			
London	Kingston upon Thames	295.4	+ 13.4%	1.4%	-17.6%			24.2		-10.4%	57.8	+373.8%	24.3	+ 50.0%	0.0	-100.0%			
East Midlands	Leicester	345.6	+ 11.5%	3.2%	-17.9%			74.0		-8.3%	57.6	+ 13.4%	149.5	+ 62.5%	62.5	0.0%			
East of England	Ipswich	402.7	+ 6.1%	1.4%	-26.3%			40.2		-3.4%	56.0	+465.7%	83.9	+ 60.1%	42.2	-50.0%			
East of England	Luton	459.2	+ 21.4%	3.1%	-8.8%			92.5		+ 9.5%	52.5	+ 72.7%	121.5	-4.6%	156.5	+111.2%			
London	City of London	651.0	+ 27.7%	0.7%	+133.3%			30.9		+200.0%	46.0	+ Inf%	220.3	+ Inf%	0.0	-			
Yorkshire and Humber	Bradford	350.3	+ 10.2%	3.5%	-14.6%			74.5		-11.8%	40.5	+ 19.1%	100.2	-21.7%	119.0	+ 2.5%			
West Midlands	Tamworth	553.0	+115.8%	0.6%	-68.4%			26.1		-28.5%	31.4	+ 50.2%	54.8	-25.0%	50.7	-60.0%			
East of England	Mid Suffolk	321.3	+ 16.7%	0.6%	+ 50.0%			19.3		+ 34.0%	30.7	+233.7%	14.1	-49.8%	21.6	-50.1%			
London	Newham	295.8	+ 11.5%	1.8%	0.0%			37.1		+ 21.2%	30.2	+ 20.3%	43.8	+ 37.3%	14.3	-39.9%			
Yorkshire and Humber	Selby	288.6	+ 3.3%	1.9%	+ 18.7%			48.6		+ 51.9%	28.9	+248.2%	64.8	+ 33.3%	52.1	-33.4%			
Yorkshire and Humber	Barnsley	309.4	+ 4.7%	2.7%	-43.7%			66.0		-31.0%	28.3	+ 6.0%	120.3	-23.0%	169.9	-25.9%			
West Midlands	North Warwickshire	306.0	+ 5.8%	2.0%	-13.0%			38.3		-10.7%	27.1	+150.9%	23.5	-66.6%	32.9	-80.0%			
London	Hillingdon	457.8	+ 19.9%	1.5%	-11.8%			39.8		-3.2%	26.9	0.0%	44.7	+ 42.8%	38.3	-30.1%			
Yorkshire and Humber	Rotherham	332.3	+ 12.3%	2.8%	-28.2%			64.1		-12.3%	24.9	-48.6%	90.3	+ 13.3%	125.9	-26.1%			
North West	Rochdale	286.5	+ 8.6%	2.6%	-31.6%			45.9		-23.8%	24.6	-33.3%	82.6	-51.7%	49.4	+100.0%			
North East	Darlington	336.0	+ 11.6%	1.0%	-60.0%			30.9		-31.2%	24.5	+250.0%	39.1	-57.2%	19.7	-80.0%			
London	Harrow	319.1	-25.7%	1.9%	+ 58.3%			37.4		+ 20.3%	24.3	-13.2%	54.6	+100.0%	67.2	+166.7%			
Yorkshire and Humber	Doncaster	342.0	+ 10.9%	3.3%	-17.5%			80.5		+ 1.6%	24.1	-32.1%	96.0	-19.3%	218.8	+ 65.0%			
	England	352.4	+ 12.2%	1.0%	-28.6%			25.8		-9.2%	11.0	+ 1.9%	43.4	-11.1%	39.9	-3.2%			14,502

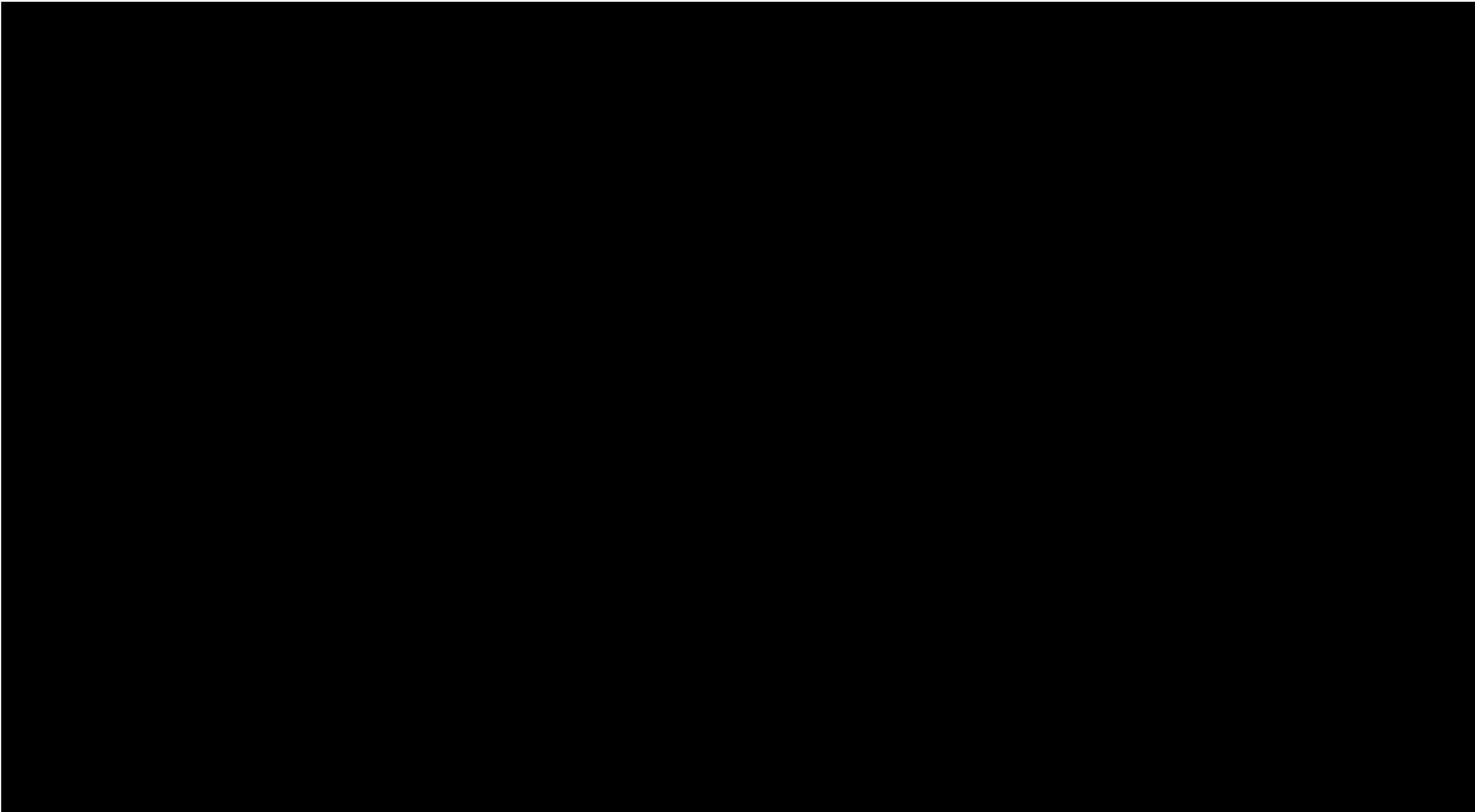
High level summary 5 - Hospital indicators

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)		
	18 Apr 2021	7-day change	21-day trend	18 Apr 2021	7-day change	21-day trend
Total						
England		-20.8%			-19.4%	
By area						
East Midlands		-25.0%			-23.6%	
East of England		11.1%			-4.1%	
London		-33.3%			-11.3%	
North East		-12.5%			-26.3%	
North West		-17.4%			-19.8%	
South East		-6.7%			-21.5%	
South West		11.1%			0.0%	
West Midlands		-27.8%			-29.4%	
Yorkshire and The Humber		-43.2%			-32.2%	

Source: NHS England & Improvement COVID-19 Hospital Activity Data, from 22 March 2021 to 18 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.

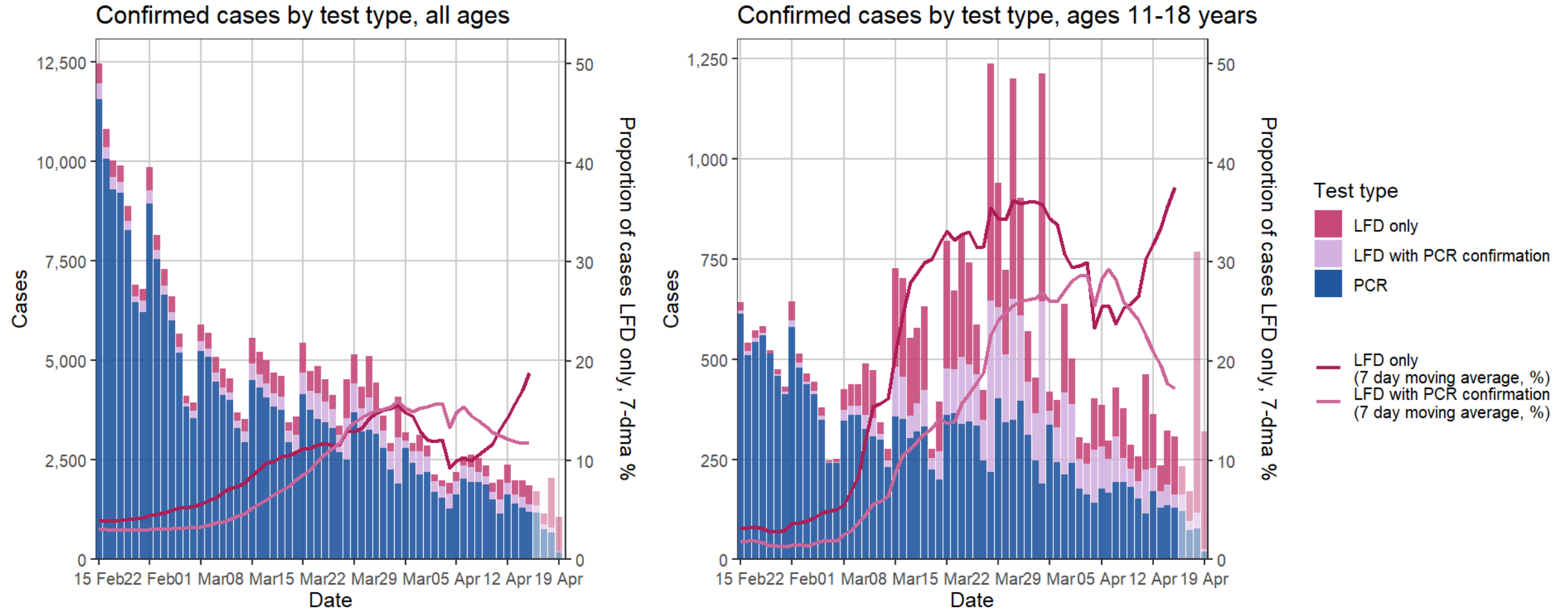
NOTE: All values are 7-day averages rounded up to the nearest whole number. As a result of rounding, there may be a small discrepancy between the regional sum and the total England value. Relative changes on small numbers can result in a large percentage change.





Case numbers by test type in England

Data reporting 15 February 2021 to 19 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.

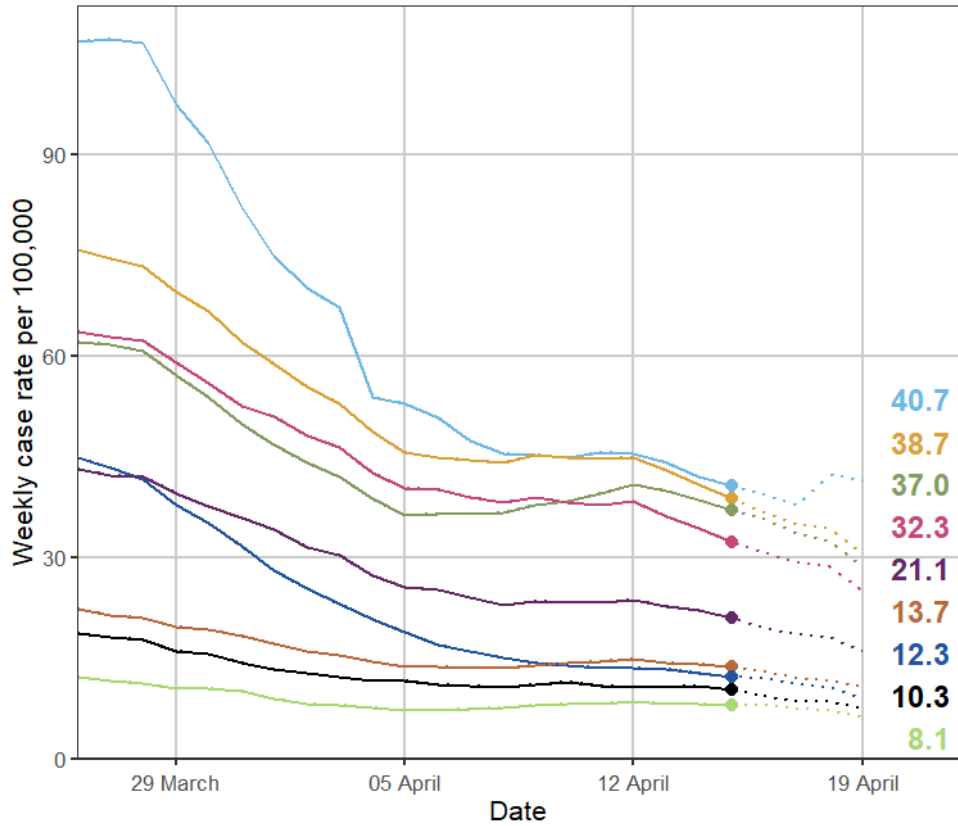
LFD only = Positive LFD with no PCR results within 3 days.

Data source: SGSS

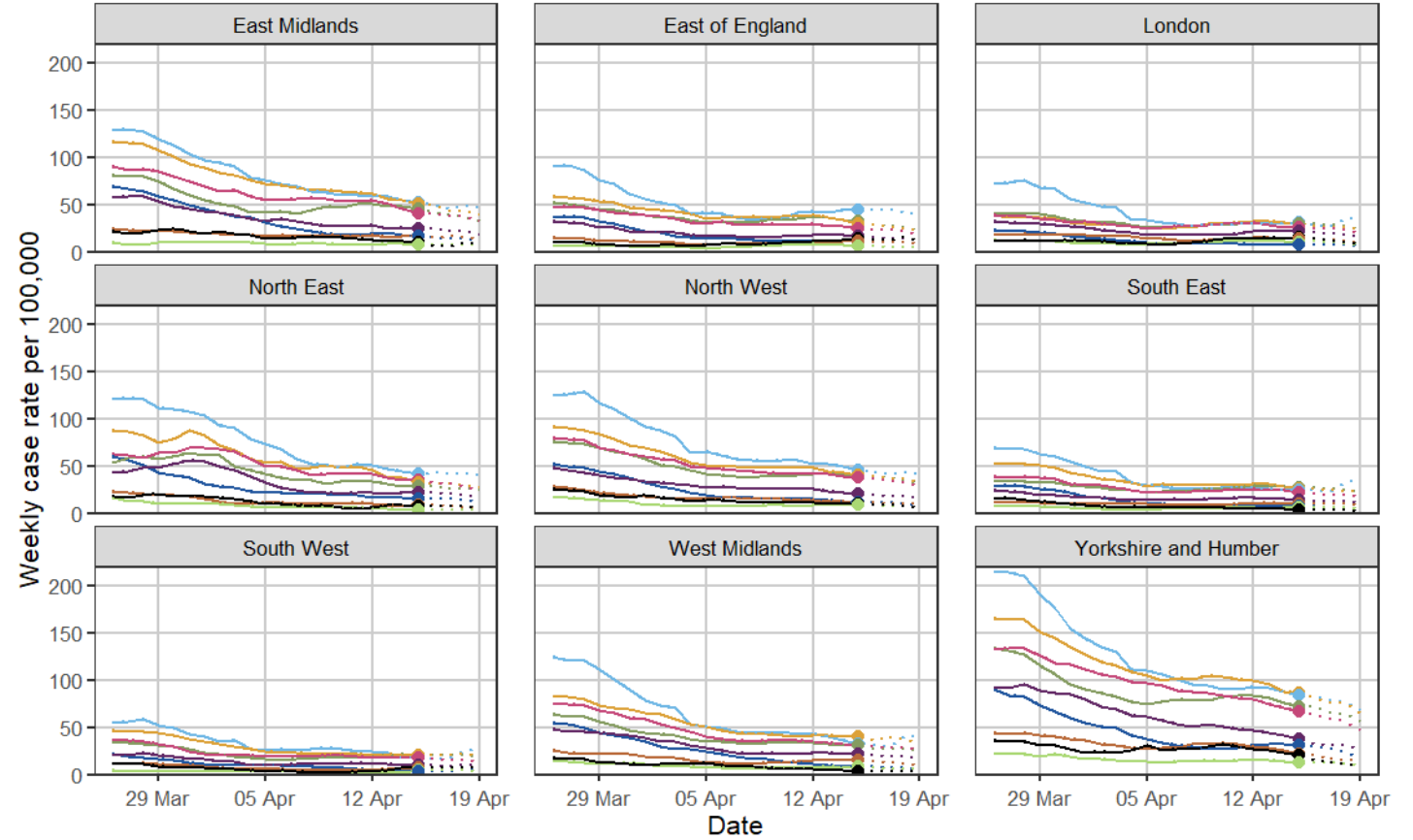
Case rate in England across both pillars 1 and 2 (weekly)

Data up to 15 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 09 April 2021 to 15 April 2021
Dashed lines indicate period with provisional data

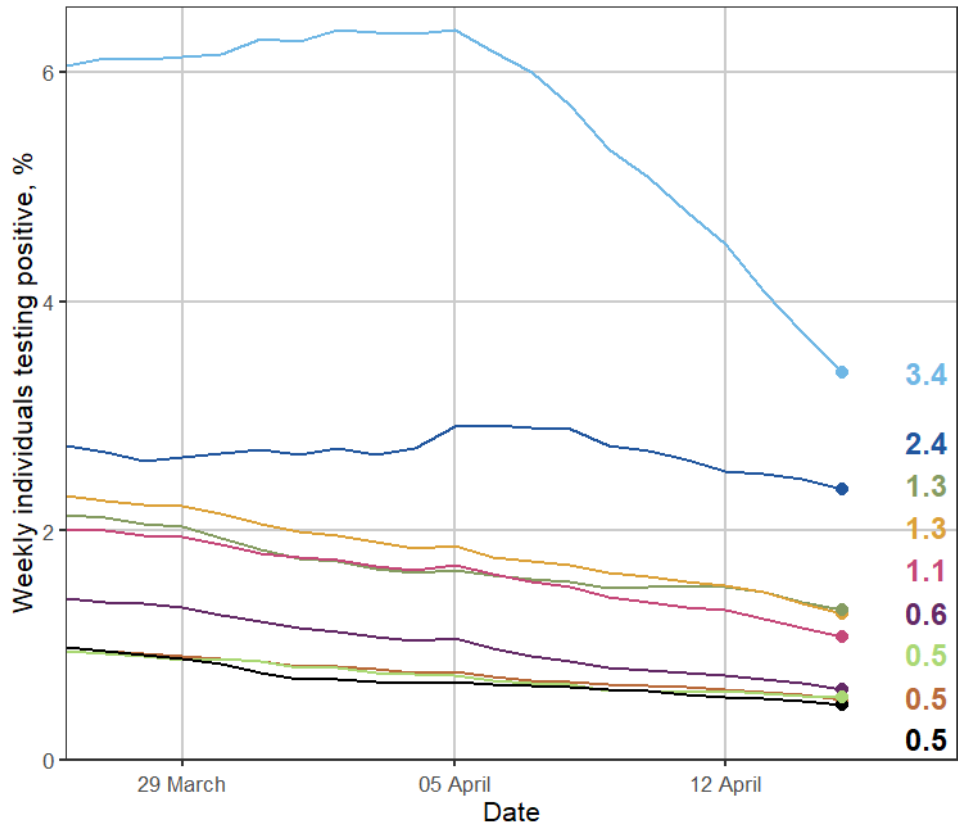
Dashed lines indicate period with provisional data



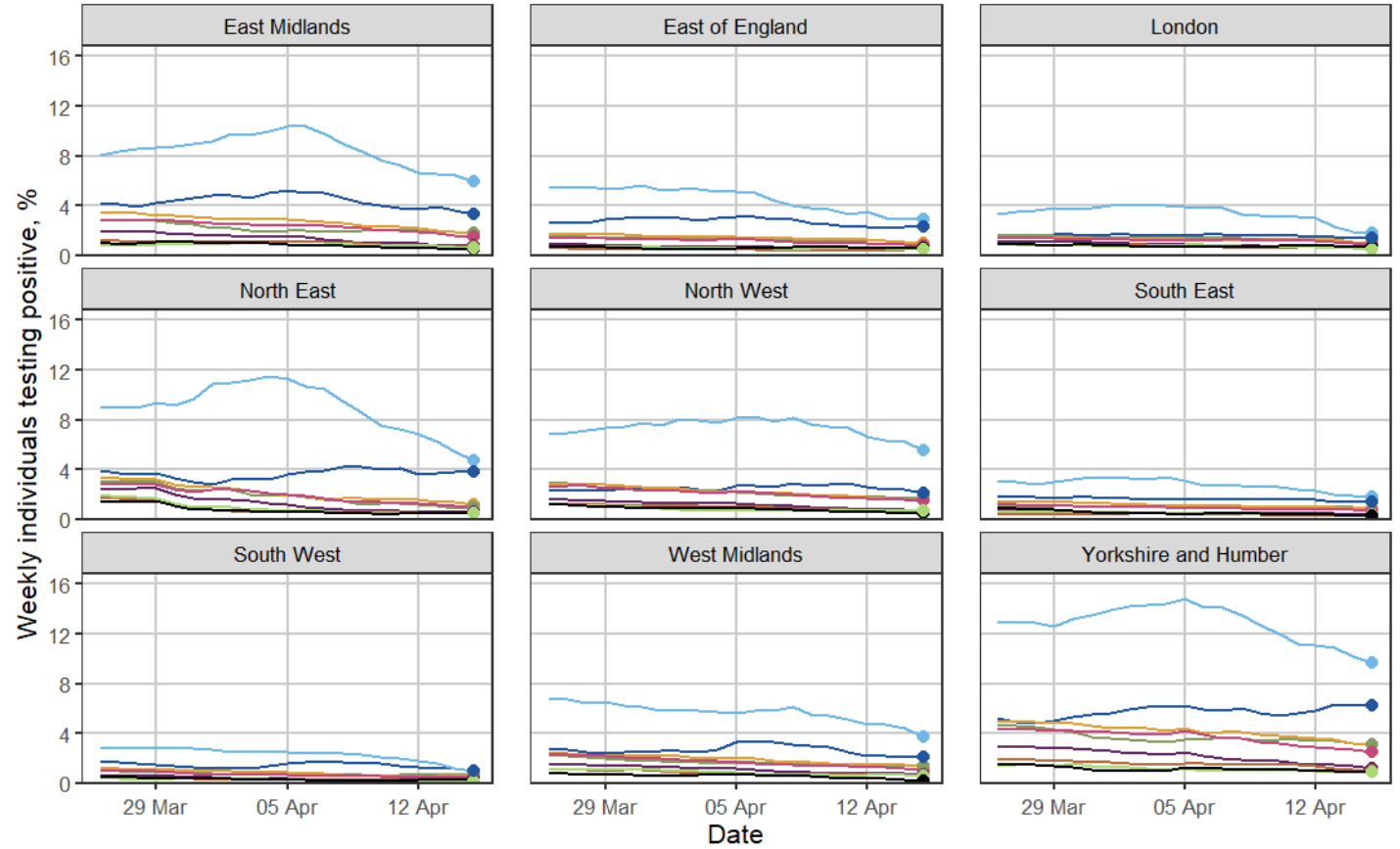
Percentage of individuals testing positive in England across both pillars 1 and 2 (weekly)

Data up to 15 April 2021

Weekly individual test positivity, %, by age group



Weekly individual test positivity, %, by age group



Age group, yrs

- 0-9
- 10-19
- 20-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70-79
- 80+

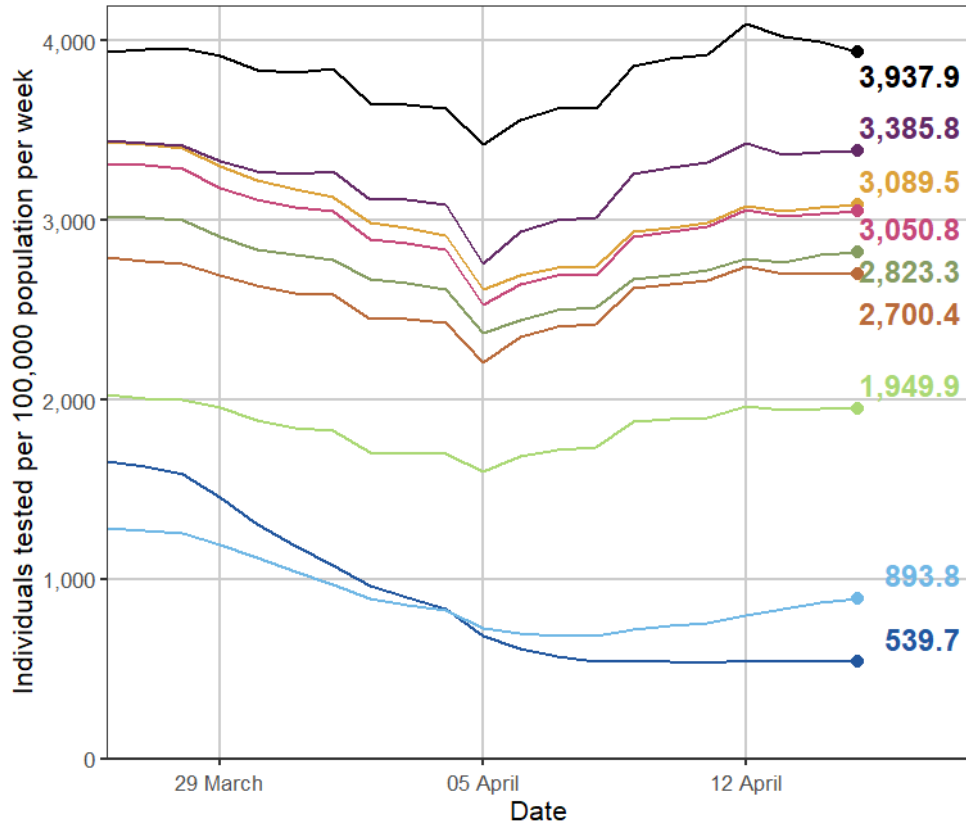
Labels show positivity rate for 09 April 2021 to 15 April 2021.
Excludes LFD tests

Excludes LFD tests

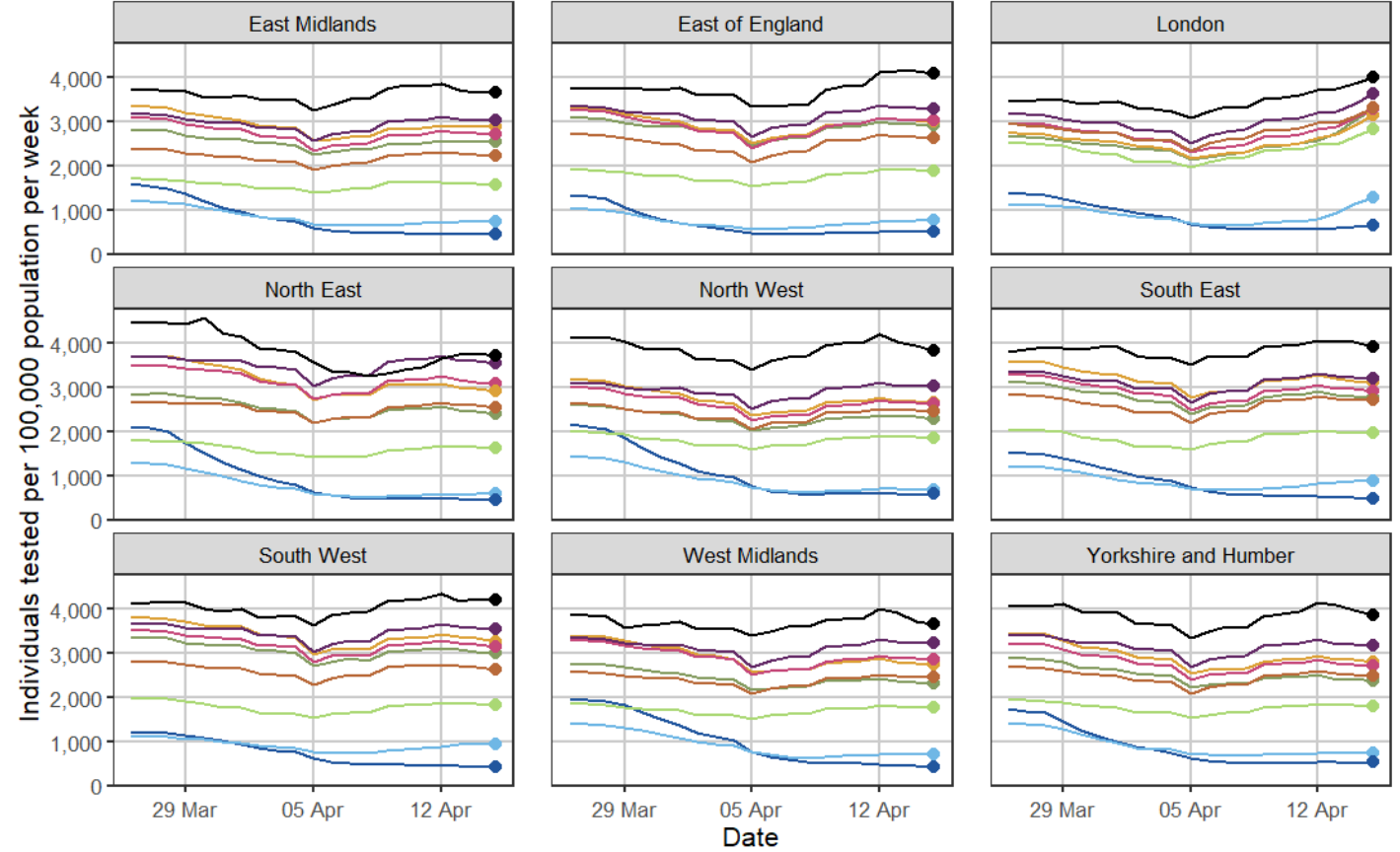
Individuals tested in England across both pillars 1 and 2 (weekly)

Data up to 15 April 2021

Individuals tested per 100,000 population



Individuals tested per 100,000 population



Age group, yrs

- 0-9
- 10-19
- 20-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70-79
- 80+

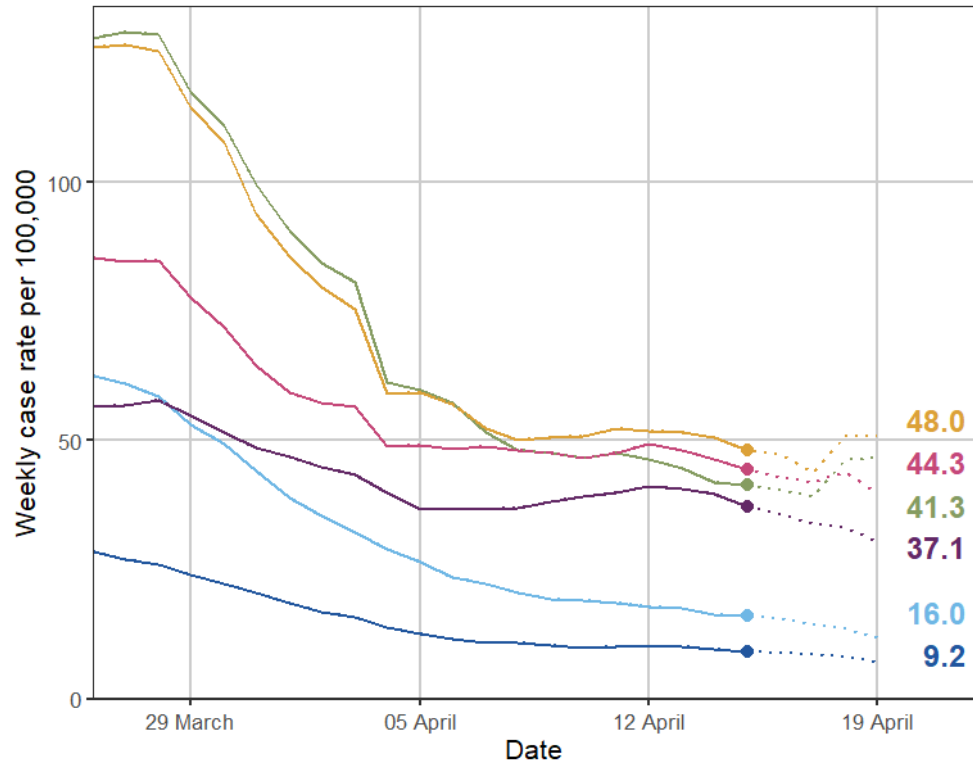
Labels show test rate for 09 April 2021 to 15 April 2021.
Excludes LFD tests

Excludes LFD tests

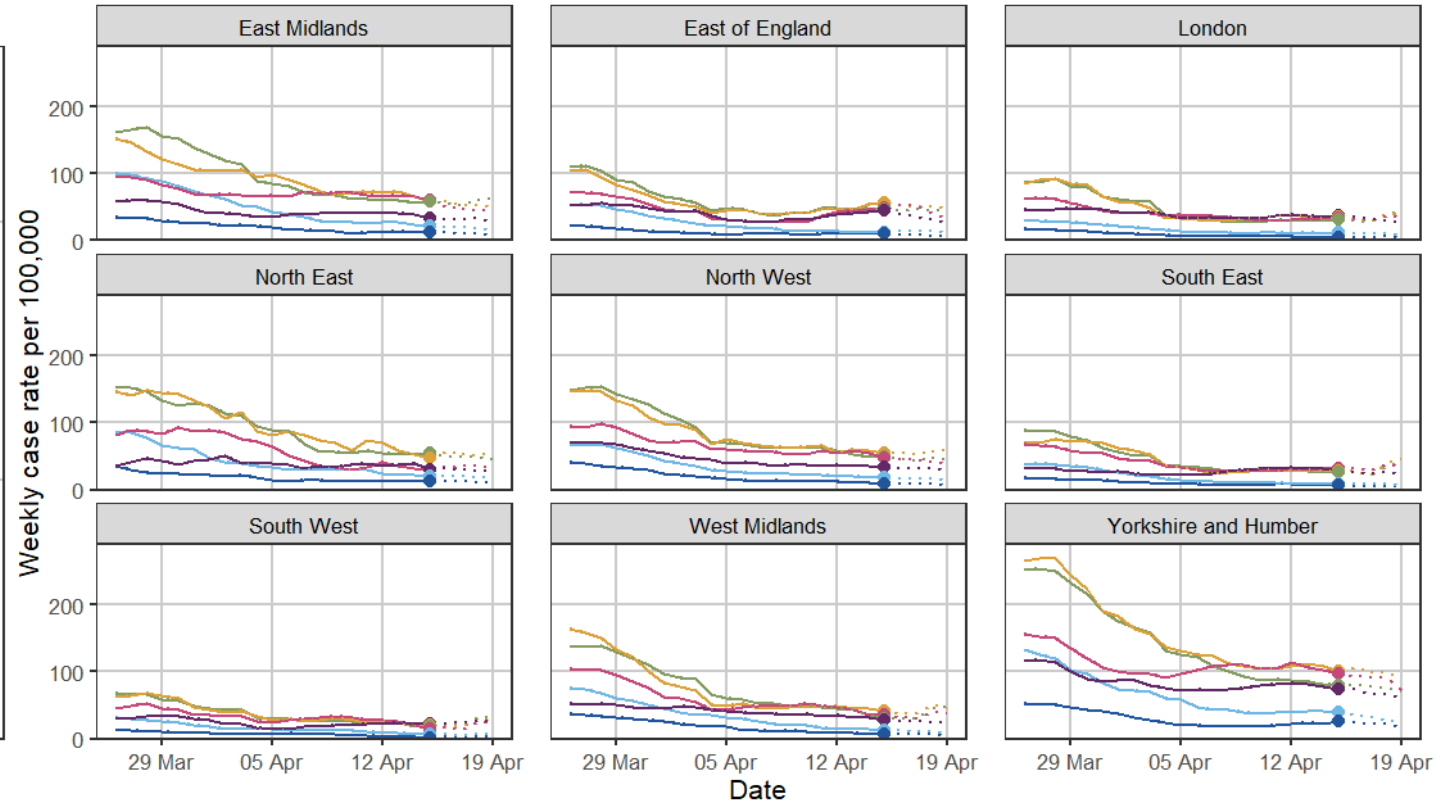
Case rate in England across both pillars 1 and 2 (weekly) - young people

Data up to 15 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)

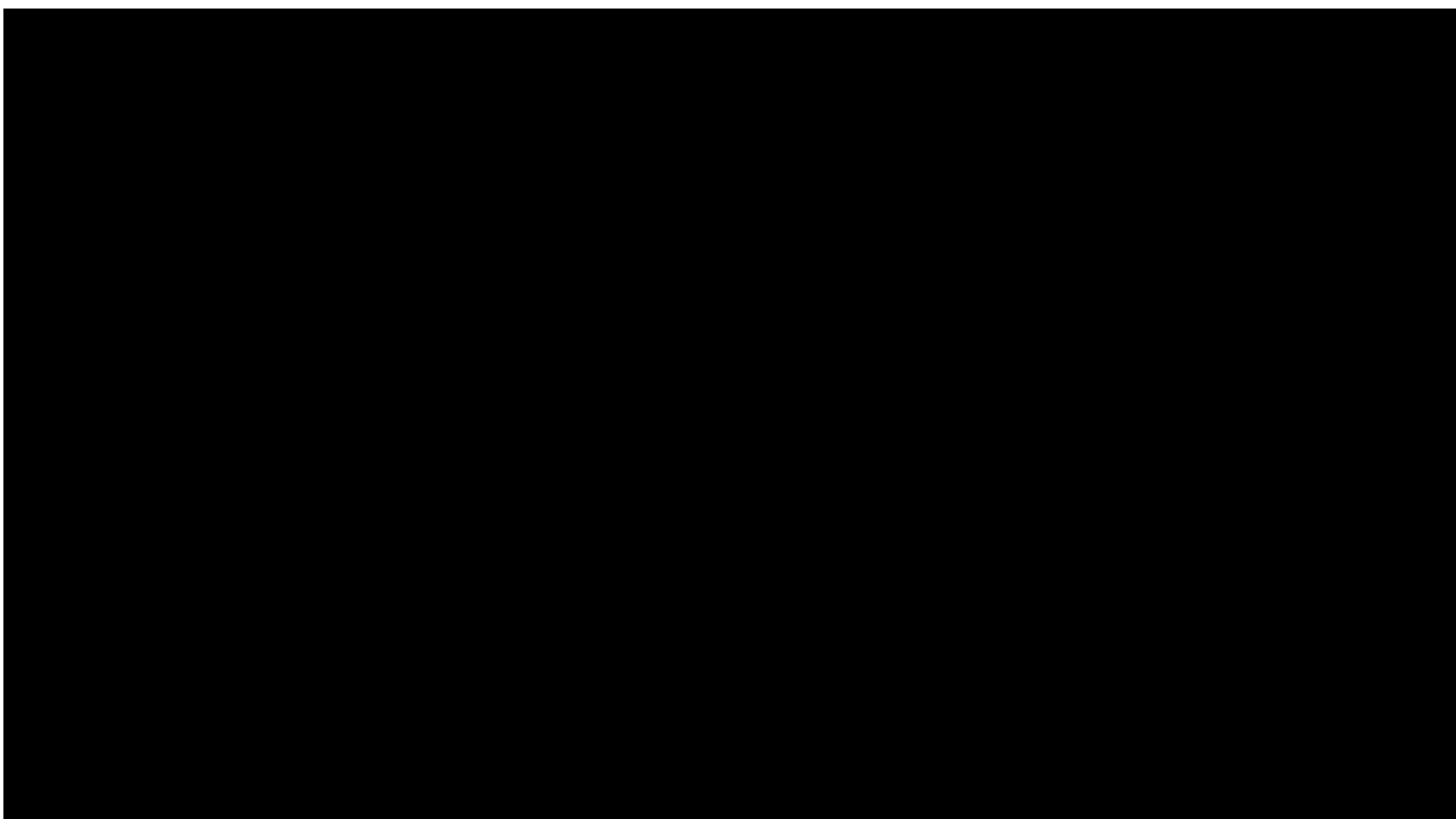


Age group, yrs

- 0-4
- 11-14
- 17-18
- 5-10
- 15-16
- 19-21

Labels show weekly case rate for 09 April 2021 to 15 April 2021
Dashed lines indicate period with provisional data

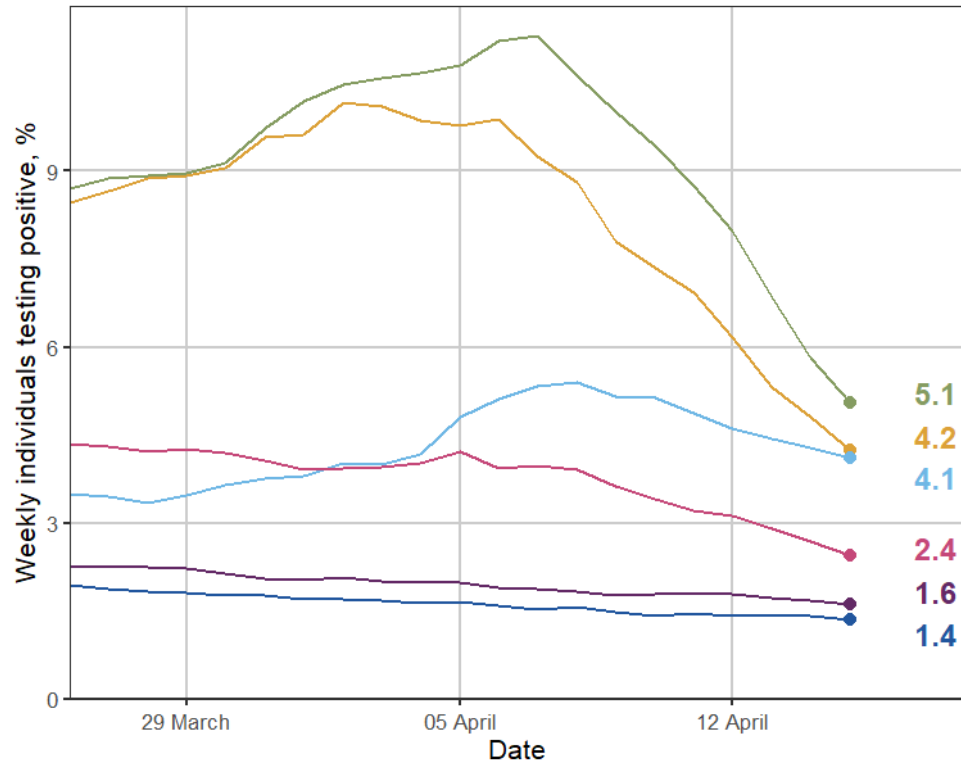
Dashed lines indicate period with provisional data



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

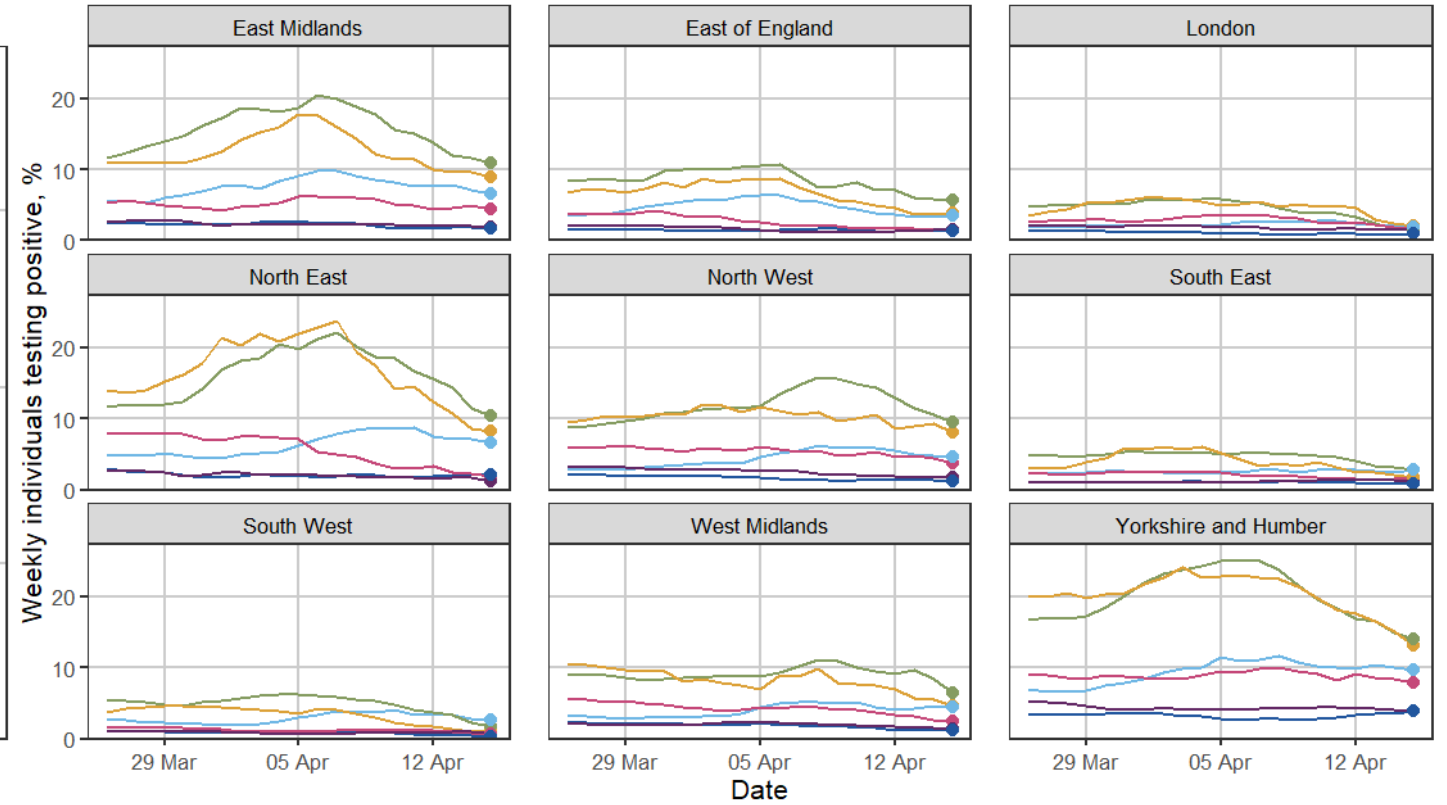
Data up to 15 April 2021

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



5.1
4.2
4.1
2.4
1.6
1.4

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



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

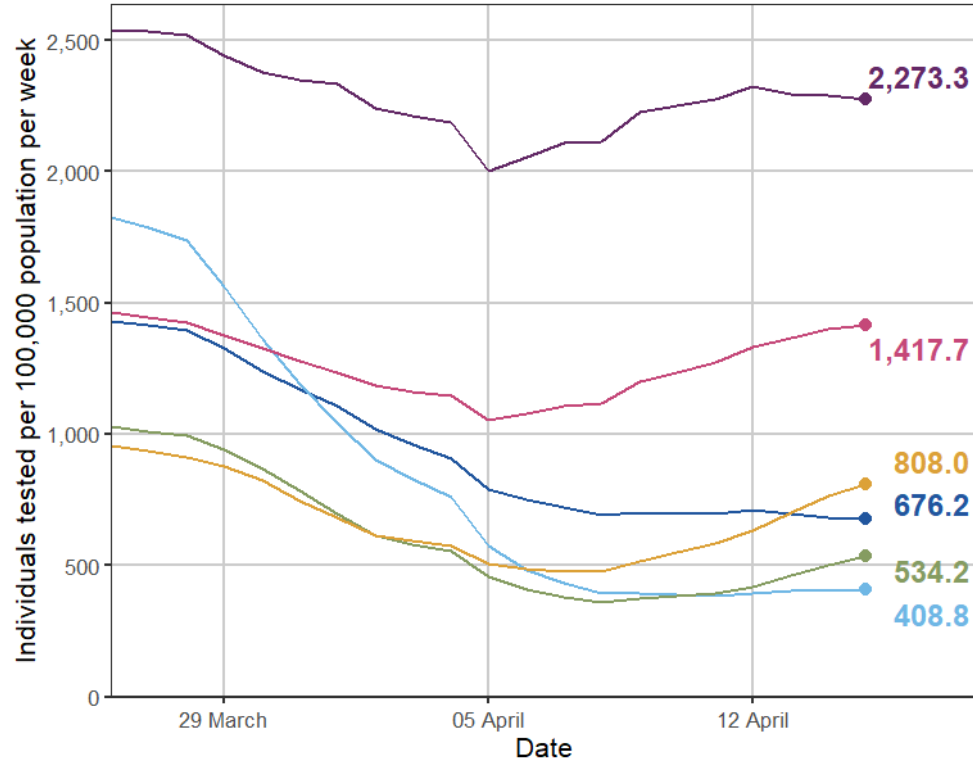
Labels show positivity rate for 09 April 2021 to 15 April 2021.
Excludes LFD tests

Excludes LFD tests

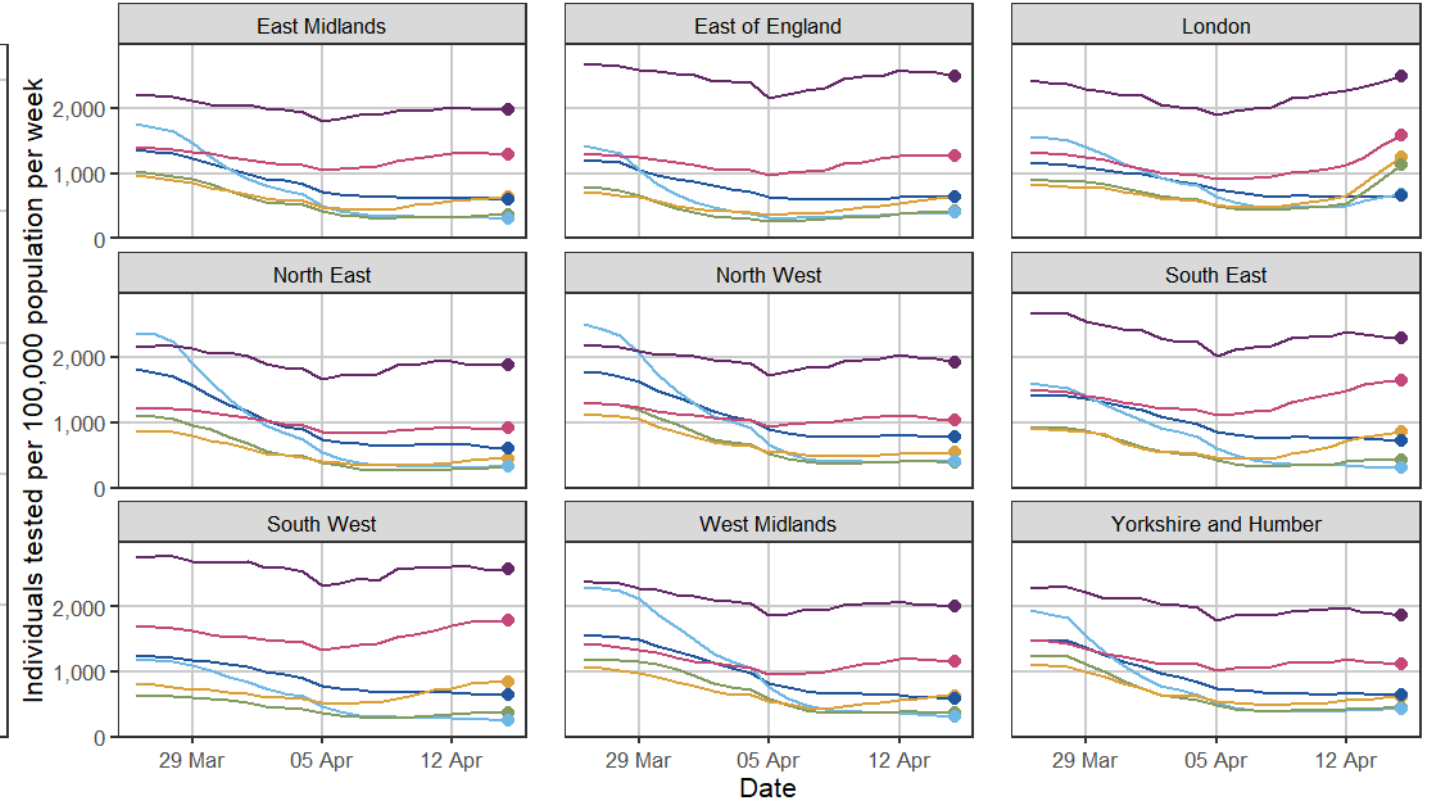
Individuals tested in England across both pillars 1 and 2 (weekly) - young people

Data up to 15 April 2021

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



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



Age group, yrs

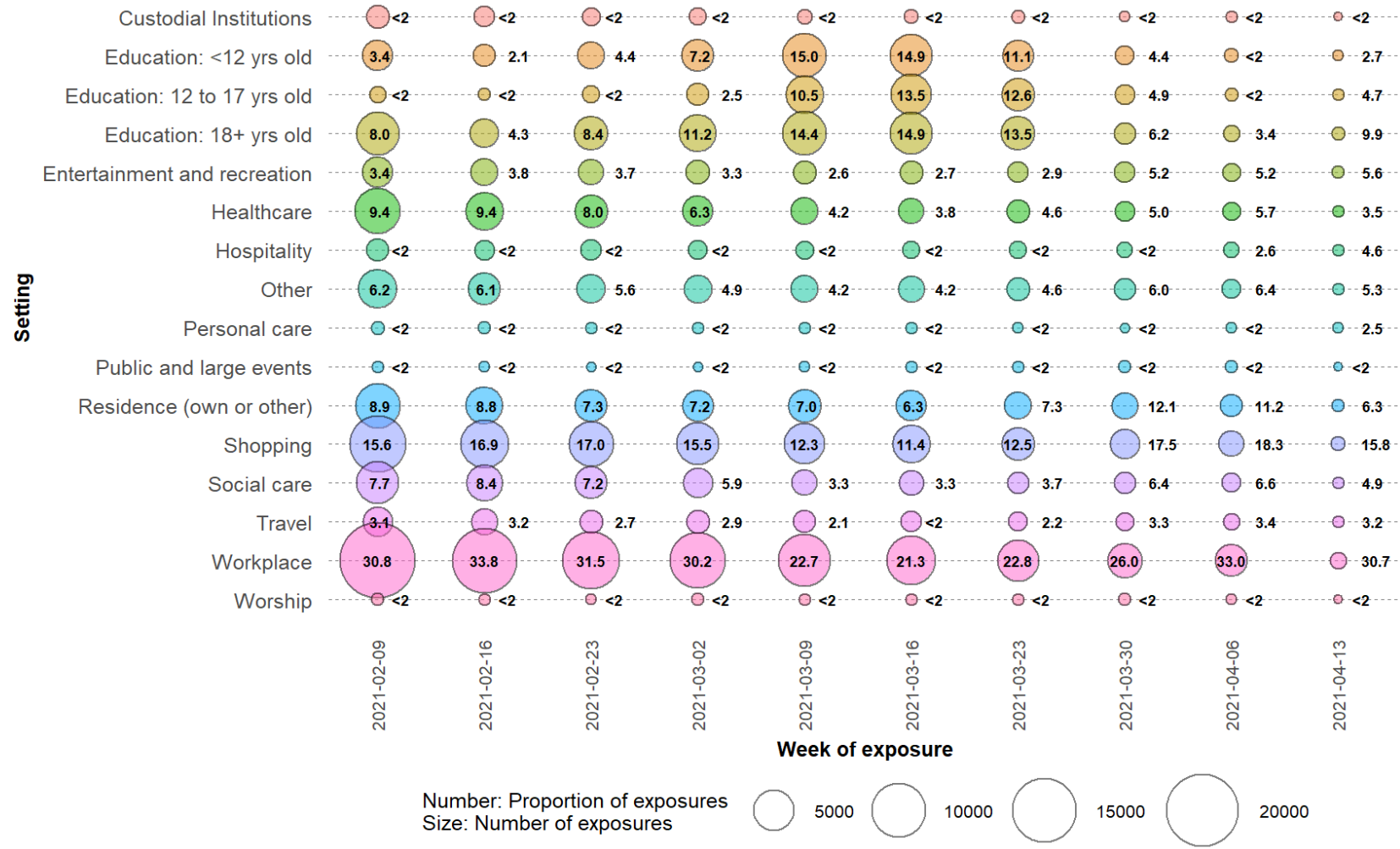
- 0-4
- 5-10
- 11-14
- 15-16
- 17-18
- 19-21

Labels show weekly testing rate for 09 April 2021 to 15 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 (February 9 2021 to April 19 2021)

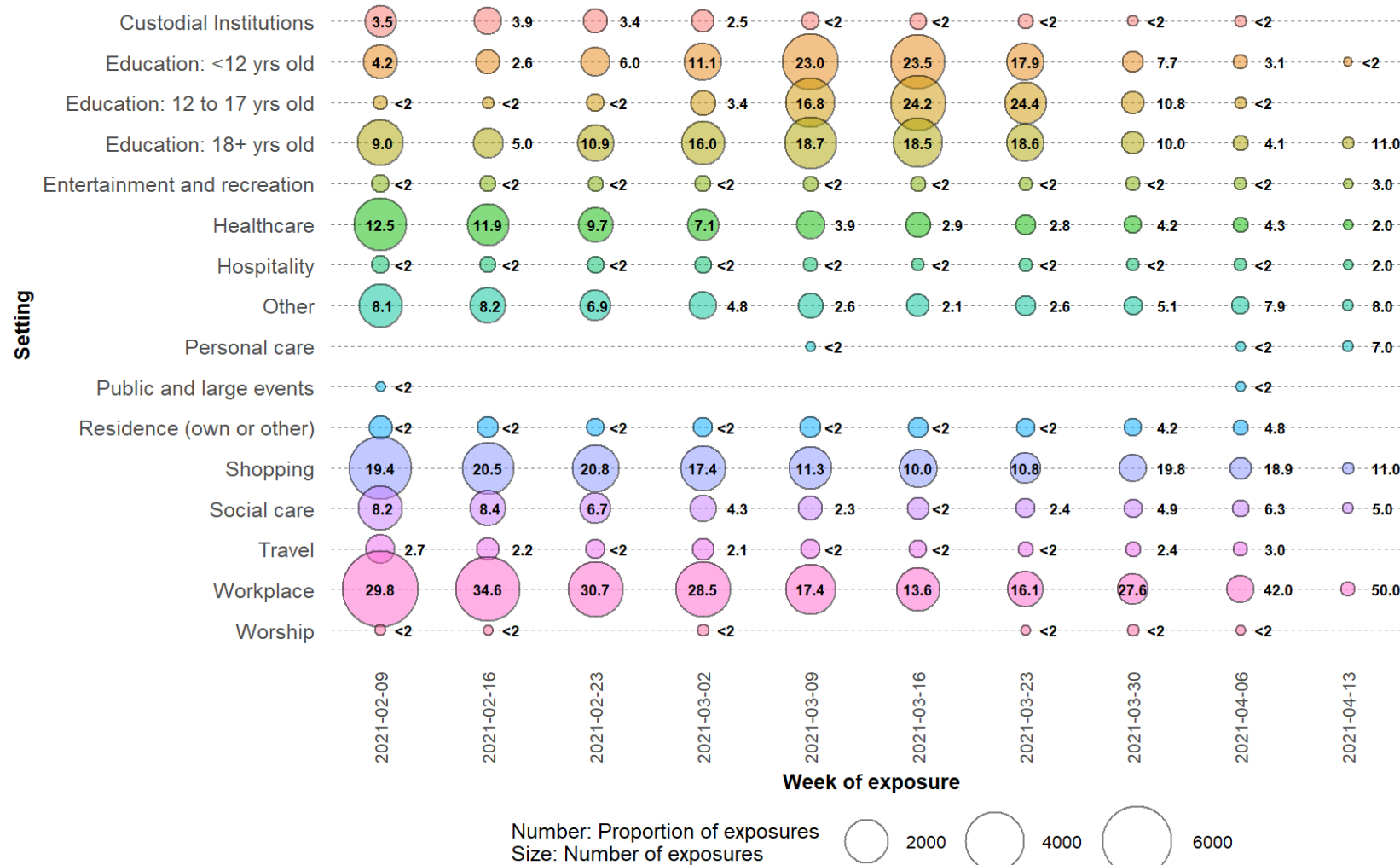


Exposure setting categories for surveillance and reporting are regularly reviewed to ensure they meet requirements for public health action during different phases of pandemic control. Categories used in this figure may change in future.

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 (February 9 2021 to April 19 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.

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 16 April 2021 by PHE Joint Modelling Cell

Methodology

Prevalence estimates were generated by the Cambridge real-time model on 11 April 2021 using data up to 5 April 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.

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](#)

Geography	09/04/2021	16/04/2021	23/04/2021
England	0.12 (0.08, 0.17)	0.08 (0.05, 0.14)	0.06 (0.03, 0.11)
North East	0.08 (0.03, 0.23)	0.05 (0.01, 0.21)	0.03 (0.01, 0.18)
Yorkshire and The Humber	0.13 (0.06, 0.29)	0.08 (0.03, 0.24)	0.05 (0.01, 0.20)
North West	0.22 (0.10, 0.46)	0.16 (0.06, 0.44)	0.12 (0.03, 0.41)
East Midlands	0.12 (0.06, 0.26)	0.07 (0.03, 0.20)	0.04 (0.01, 0.14)
West Midlands	0.16 (0.07, 0.36)	0.11 (0.04, 0.32)	0.07 (0.02, 0.27)
East of England	0.11 (0.04, 0.27)	0.07 (0.02, 0.24)	0.04 (0.01, 0.20)
London	0.04 (0.02, 0.11)	0.02 (0.01, 0.09)	0.01 (0.00, 0.07)
South East	0.07 (0.03, 0.17)	0.04 (0.01, 0.15)	0.03 (0.01, 0.13)
South West	0.04 (0.01, 0.13)	0.03 (0.01, 0.12)	0.02 (0.00, 0.12)

Revisions of note

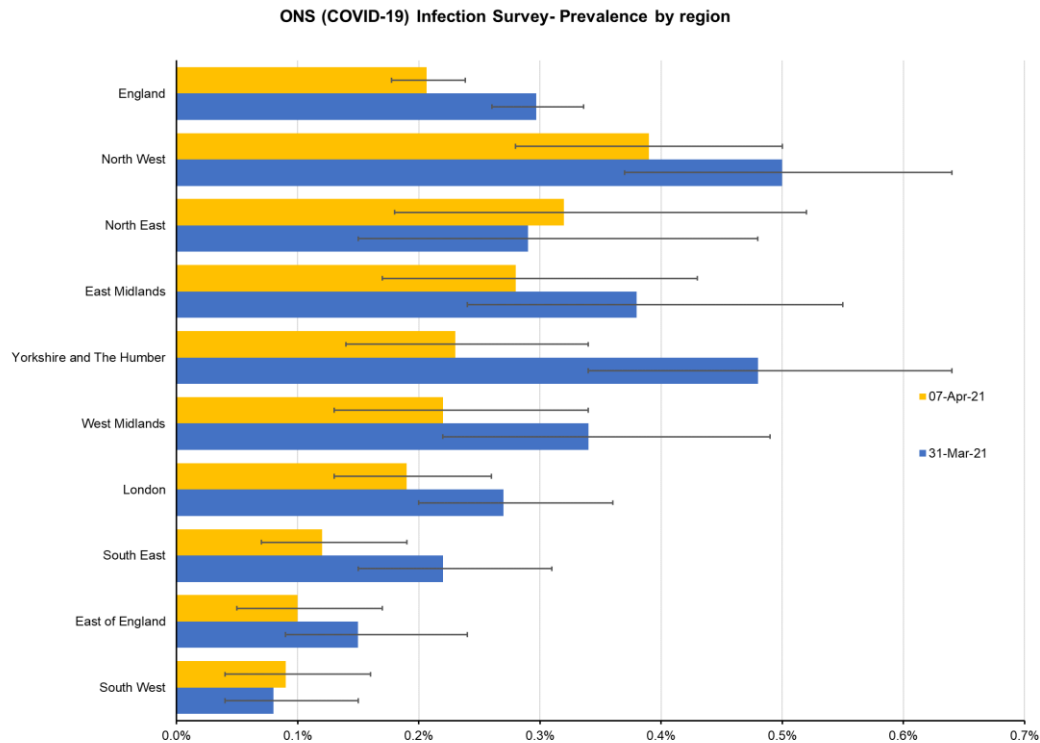
All revisions this week are within the credible intervals that were reported last week.

Estimated Prevalence by Region

ONS Coronavirus (COVID-19) Infection Survey (16 April)

In England, the percentage of people testing positive for the coronavirus (COVID-19) decreased in the week ending 10 April 2021; we estimate that 112,600 people within the community population in England had COVID-19 (95% credible interval: 96,700 to 130,100), equating to around 1 in 480 people

In the week ending 10 April 2021, the percentage of people testing positive decreased in Yorkshire and The Humber and the South East. The trend over the most recent week up to 10 April 2021 is uncertain in the remaining regions.

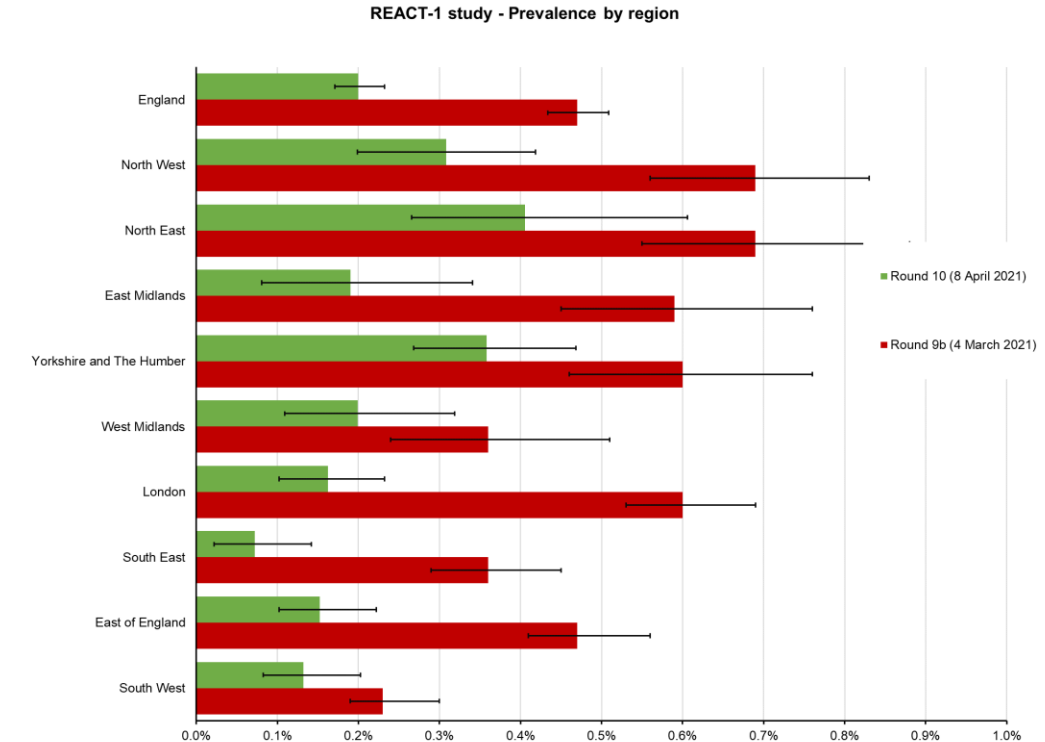


REACT-1 round 10 final report (8 April)

Out of 140,844 results for round 10 overall, 227 were positive. Overall weighted prevalence of infection in the community in England was 0.20% (0.17%, 0.23%), representing a ~60% from % from 0.49% (0.44%, 0.55%) in round 9.

There is evidence for a decline over the period of round 9 to 10, with an estimated halving time of 26 (23,31) days and a corresponding R of 0.84 (0.82, 0.86).

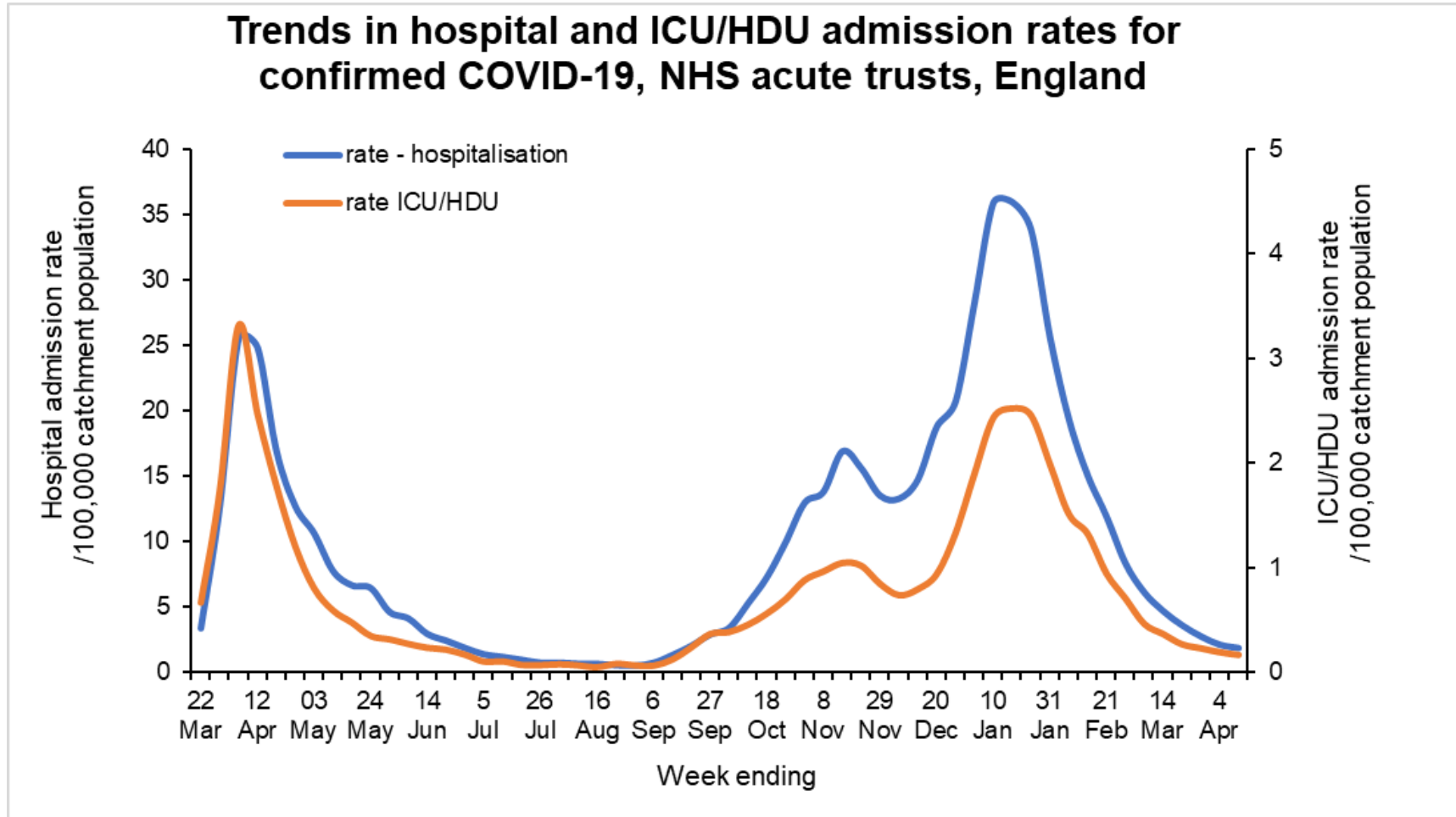
Highest weighted prevalence of swab-positivity was found in those ages 5 to 12 years at 0.41% (0.27%, 0.62%), compared with the lowest in those ages 65 to 74 years and 75 years and over at 0.09% (0.05%, 0.16%).



Coronavirus (COVID-19) Infection Survey, UK: 16 April 2021

REACT-1 round 10 final report from 08/04/21. The report includes swabs collected between 11/03/21 and 30/03/21

Hospitalisations national trends



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

