COVID-19 SITUATIONAL AWARENESS

SUMMARY

MAIN REPORT
7 September 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

Overview by week

Previous two months by day

Specimen Date
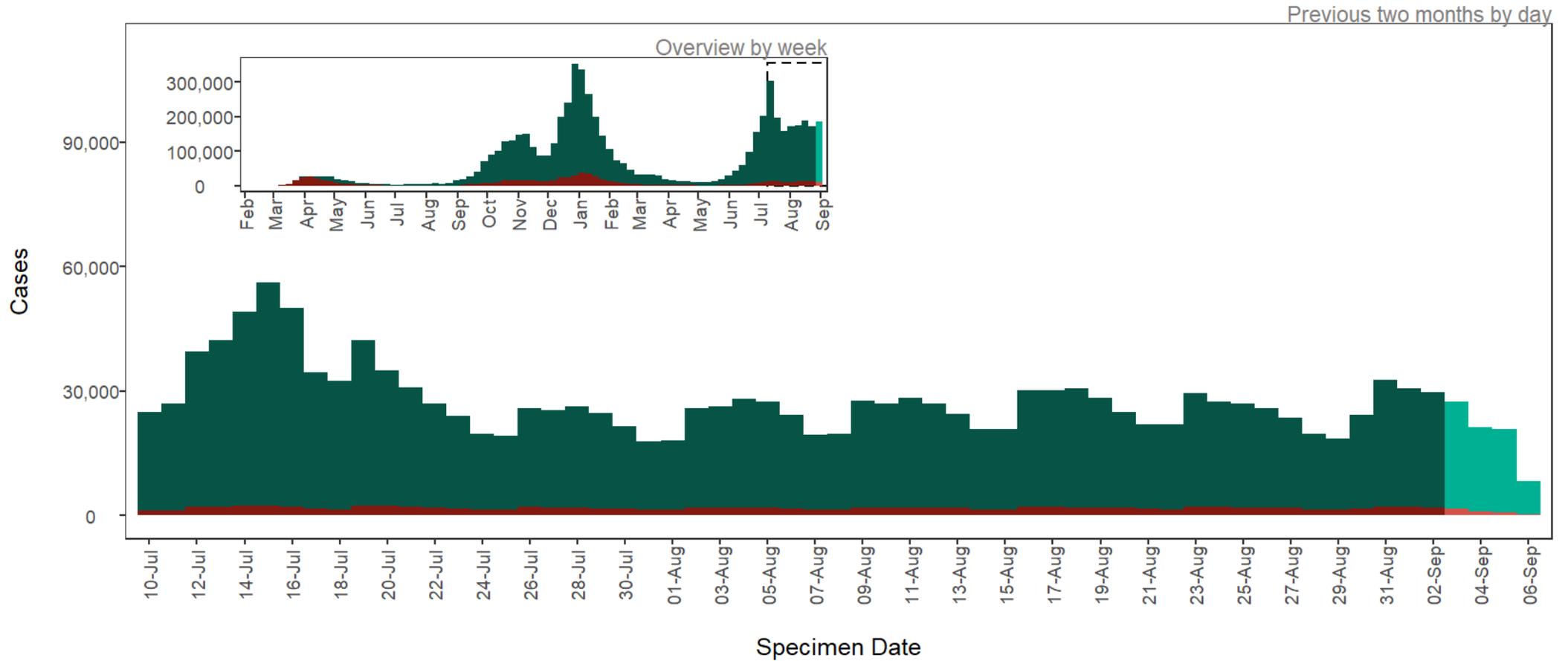
Bars shaded in light red and light green are provisional. Figures are expected to change as results are received for additional samples tested during this period.
Inset epi curve is based on weekly reports from date of first case diagnosed. Main epi curve shows daily cases truncated to show the previous 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
27 Aug to 02 Sep 2021
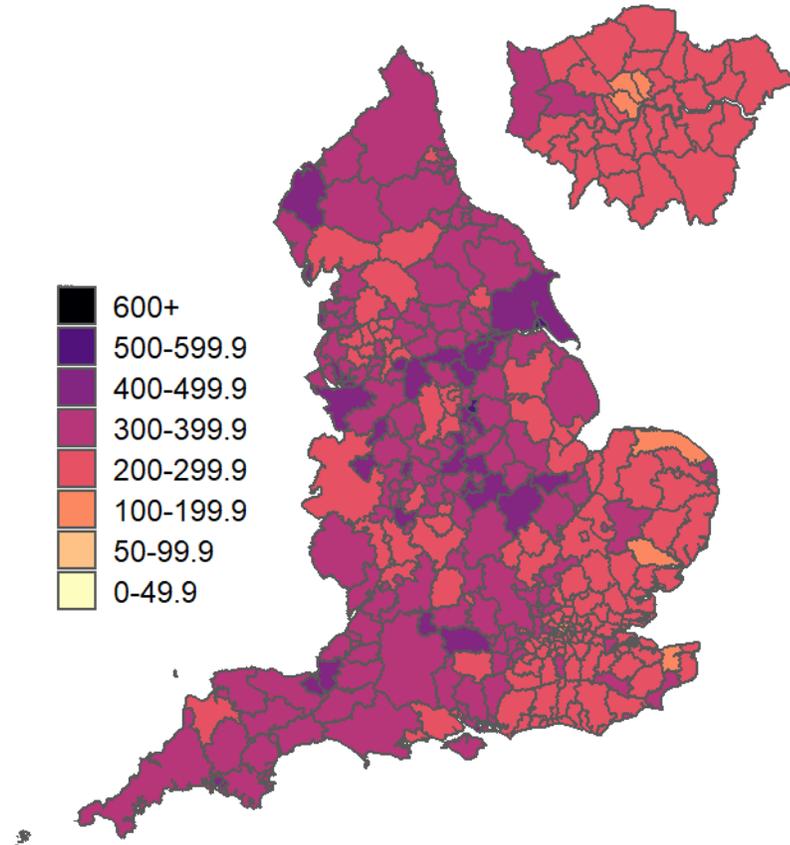
	600+
	500-599.9
	400-499.9
	300-399.9
	200-299.9
	100-199.9
	50-99.9
	0-49.9

Absolute case rate change per 100,000 population
by local authority
20 Aug to 26 Aug 2021 and 27 Aug to 02 Sep 2021

	>40
	21 to 40
	1 to 20
	-0.9 to 0.9
	-1 to -20
	-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 2020 population estimates. Crown copyright and database right 2021
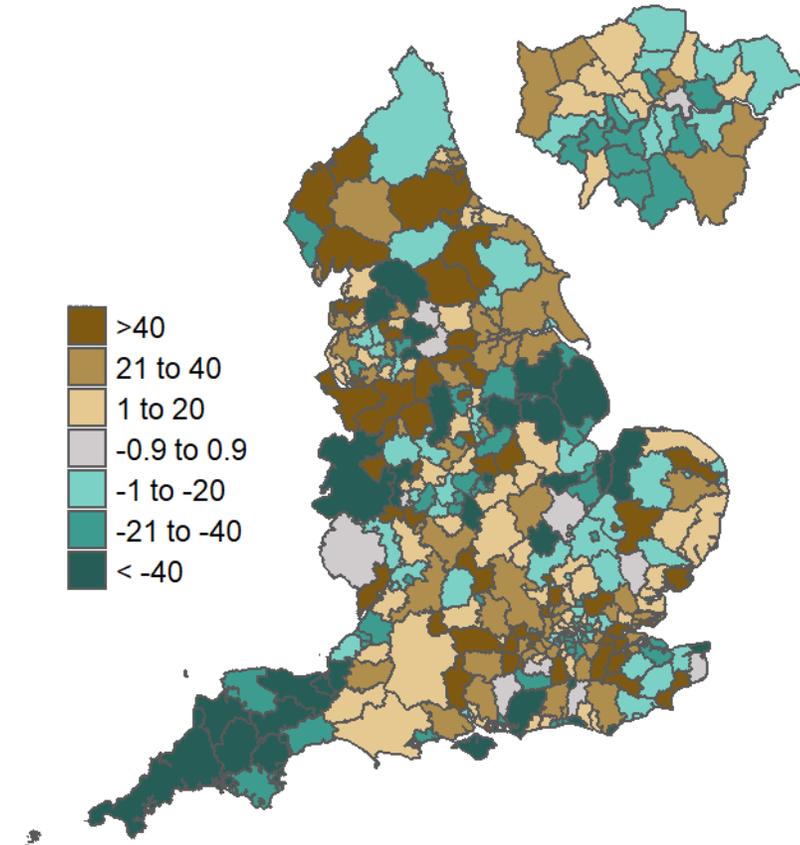
Case Rates - Geographical spread of COVID-19 in England (aged 60+ years)

Weekly case rates per 100,000 population
by local authority
27 Aug to 02 Sep 2021
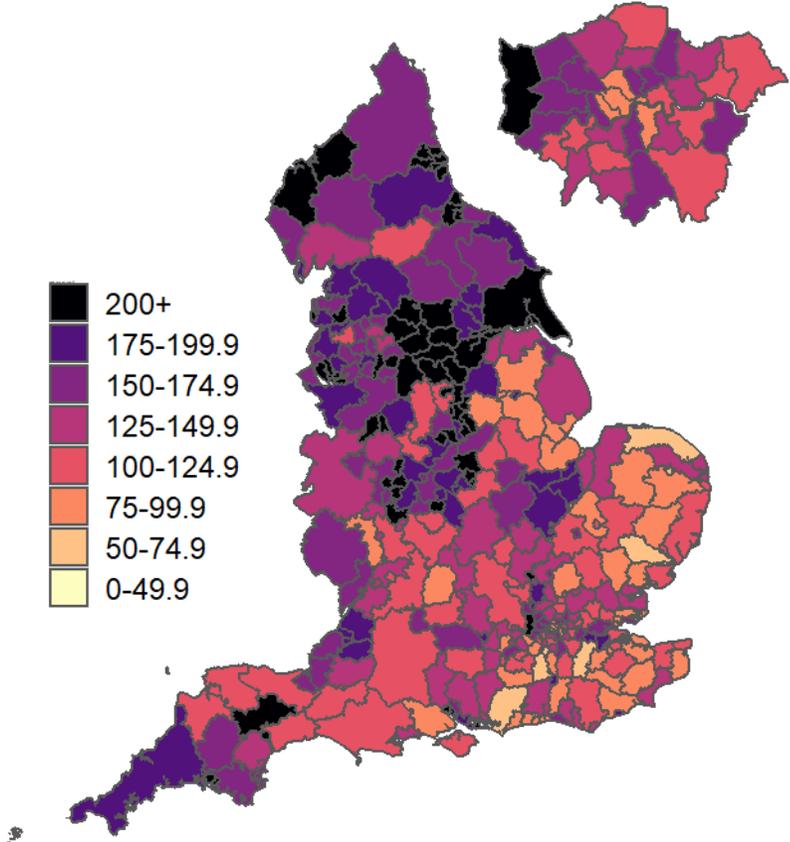
- 200+
- 175-199.9
- 150-174.9
- 125-149.9
- 100-124.9
- 75-99.9
- 50-74.9
- 0-49.9

Absolute case rate change per 100,000 population
by local authority
20 Aug to 26 Aug 2021 and 27 Aug to 02 Sep 2021

- >40
- 21 to 40
- 1 to 20
- -0.9 to 0.9
- -1 to -20
- -21 to -40
- < -40
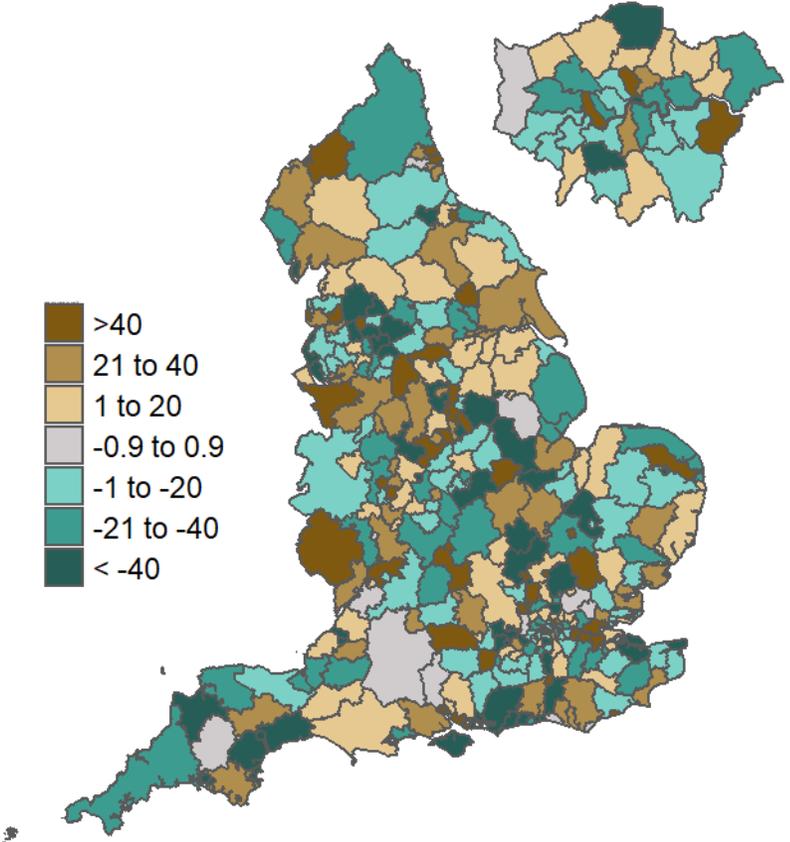
Data from SGSS; Pillar 1 and 2 testing. Figure by Outbreak Surveillance Team, Public Health England.
Contains National Statistics data including 2020 population estimates. Crown copyright and database right 2021

High level summary 1 - PHE regions

All indicators for the last 7 days (27 August 2021 to 02 September 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, %	R	A	G	Weekly, Pillar 2 only	7-day change, %	Weekly	7-day change, %	Maroon	Dark red	Red	Weekly	7-day change, %	Weekly	7-day change, %	Weekly	7-day change, %	Last 7 days	Last 7 days
East Midlands	490.8	-0.4%	10.7%	-2.7%	34	1	0			360.2	-2.2%	33	2	0	172.9	-0.5%	752.4	+12.0%	516.6	-4.8%		
East of England	550.1	+0.09%	7.5%	+2.7%	19	27	0			283.9	+3.7%	34	12	0	125.5	+1.6%	574.4	+27.8%	596.9	+ 0.05%		
London	681.9	+0.12%	5.1%	-5.6%	2	25	6			238.7	-1.9%	13	20	0	137.5	-3.3%	391.5	+41.8%	415.3	-7.6%		
North East	463.9	-2.8%	10.9%	+9.0%	12	0	0			347.3	+7.2%	12	0	0	213.7	+0.8%	645.8	+30.4%	516.1	+36.21%		
North West	522.6	+0.29%	9.3%	+2.2%	37	2	0			336.9	+5.9%	37	2	0	183.1	-3.0%	590.8	+28.4%	507.6	+19.44%		
South East	578.3	-1.4%	7.5%	+2.7%	26	37	0			299.8	+2.9%	55	8	0	123.0	-3.8%	752.1	+52.7%	713.3	+ 9.28%		
South West	582.7	-2.7%	9.0%	-10.9%	25	5	0			356.0	-12.1%	30	0	0	154.4	-7.4%	717.7	-2.0%	744.3	-20.9%		
West Midlands	480.9	-2.3%	9.9%	0.0%	27	3	0			325.8	-0.9%	28	2	0	178.2	+3.1%	580.3	+24.5%	524.4	-5.9%		
Yorkshire and Humber	463.3	-0.7%	11.4%	+2.7%	21	0	0			365.5	+5.2%	21	0	0	221.8	+2.4%	651.2	+36.3%	548.4	+15.67%		
England	**568.9**	**-1.4%**	**8.1%**	**-1.2%**	**203**	**100**	**6**			**317.0**	**+0.3%**	**263**	**46**	**0**	**162.3**	**-1.4%**	**618.3**	**+27.4%**	**569.6**	**+ 0.53%**		**179,284**

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 27 August 2021 and 02 September 2021

7-day change % demonstrates how figures compare to the equivalent figure as of 26 August 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 (27 August 2021 to 02 September 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	Mansfield	580.7	-5.5%	13.0%	-7.8%			525.8		-11.1%	289.3	-3.5%	965.7	+ 6.0%	918.9	-30.8%		
Yorkshire and Humber	Kingston upon Hull, City of	515.2	-4.0%	15.0%	+ 0.7%			523.3		-2.7%	309.1	+14.6%	863.9	+ 19.1%	619.9	-19.7%		
East Midlands	Erewash	496.3	+ 3.2%	14.0%	+10.2%			489.9		+17.2%	225.0	+32.7%	956.6	+ 66.7%	1120.6	+ 59.4%		
North West	Blackpool	694.6	-1.9%	10.4%	+ 4.0%			486.3		+ 4.3%	291.7	+26.8%	862.5	+ 26.2%	746.5	+ 6.2%		
North West	Allerdale	547.6	+15.1%	12.6%	+27.3%			478.4		+48.1%	207.0	+18.2%	1099.1	+ 2.9%	1102.1	+444.5%		
East Midlands	High Peak	507.1	+ 5.7%	13.0%	+16.1%			465.3		+23.8%	283.2	+44.2%	984.7	+ 29.8%	643.0	+ 3.8%		
North West	Barrow-in-Furness	623.2	-0.5%	10.8%	-2.7%			460.1		+ 5.5%	184.7	-20.5%	996.2	+ 60.7%	471.6	-40.7%		
North West	Knowsley	553.3	-0.4%	11.8%	-0.8%			454.6		+ 3.3%	260.1	-2.1%	878.2	+ 36.2%	622.9	+ 13.6%		
Yorkshire and Humber	Rotherham	477.3	+ 3.9%	13.8%	+ 5.3%			454.4		+10.8%	288.0	-6.2%	840.5	+ 67.0%	607.6	+ 14.1%		
East Midlands	Ashfield	534.1	-3.2%	11.9%	-2.5%			449.6		-1.0%	257.9	+29.2%	918.7	-2.4%	407.3	-50.0%		
South West	Sedgemoor	612.3	-4.0%	11.2%	-20.0%			449.6		-24.6%	157.6	-18.9%	967.5	-5.8%	1093.4	-38.8%		
West Midlands	Cannock Chase	492.8	+ 1.3%	12.5%	+14.7%			442.4		+21.7%	230.6	+20.4%	823.6	+ 67.6%	936.3	-2.2%		
North West	Tameside	447.7	-1.1%	14.0%	+ 2.2%			437.2		+ 2.8%	252.3	-2.9%	654.2	+ 24.4%	596.2	+ 1.5%		
South West	Plymouth	613.1	-6.6%	10.6%	-12.4%			436.8		-19.4%	249.7	-18.8%	760.6	-12.7%	552.5	-31.3%		
East Midlands	North West Leicestershire	477.5	-2.3%	13.2%	+ 3.1%			435.1		+ 4.6%	171.0	-4.1%	880.2	+ 18.2%	525.3	-43.5%		
South East	West Berkshire	588.8	+ 8.3%	10.6%	+26.2%			432.3		+39.5%	161.1	+46.7%	1406.3	+150.7%	1535.7	+ 62.2%		
East Midlands	Gedling	507.0	+ 8.2%	12.4%	-3.1%			429.6		+ 5.4%	226.3	+37.7%	772.0	+ 23.5%	640.7	+ 21.4%		
East of England	Peterborough	604.7	-1.8%	10.5%	-11.8%			429.4		-12.5%	178.5	-37.4%	466.3	-21.3%	869.6	-12.1%		
North West	Halton	551.4	+10.6%	11.2%	+14.3%			429.3		+29.2%	210.6	+19.3%	779.1	+ 14.9%	761.5	+ 31.6%		
Yorkshire and Humber	Barnsley	444.6	+ 2.3%	14.1%	+10.2%			428.5		+11.2%	289.9	+18.4%	880.5	+ 40.2%	557.1	+ 30.6%		
	England	568.9	-1.4%	8.1%	-1.2%			317.0		+ 0.3%	162.3	-1.4%	618.3	+ 27.4%	569.6	+ 0.5%		179,284

High level summary 3 - 20 Highest LTLAs not included in summary table 2 where the weekly case rate change - all ages has risen >10% from the previous week

All indicators for the last 7 days (27 August 2021 to 02 September 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
North West	Cheshire West and Chester	602.8	+6.9%	9.9%	+20.7%			411.0		+32.3%	184.9	+27.9%	834.0	+ 52.3%	790.9	+ 57.5%		
South East	Wokingham	604.5	+1.7%	9.0%	+21.6%			387.5		+28.9%	129.2	-13.3%	1174.6	+ 93.1%	1230.4	+ 73.8%		
Yorkshire and Humber	Harrogate	622.8	+2.1%	8.4%	+15.1%			377.0		+23.5%	161.4	+12.6%	781.2	+ 95.8%	1303.4	+ 40.9%		
Yorkshire and Humber	Wakefield	433.2	-0.6%	12.8%	+16.4%			390.5		+22.6%	219.5	+10.9%	600.5	+ 40.8%	828.6	+ 40.4%		
South East	Cherwell	582.0	-0.6%	8.8%	+18.9%			361.6		+20.9%	138.3	+41.7%	816.8	+ 56.9%	1151.1	+ 33.9%		
South East	Gosport	535.5	-1.3%	11.1%	+11.0%			420.4		+18.7%	196.9	+55.2%	1010.4	+ 35.6%	905.6	+ 10.5%		
West Midlands	Bromsgrove	595.3	+6.9%	10.3%	+ 8.4%			422.6		+18.4%	203.6	+18.0%	823.4	+ 76.5%	769.2	-8.6%		
East of England	St Albans	711.5	-1.1%	7.4%	+15.6%			362.3		+17.4%	195.2	+38.3%	803.2	+ 70.5%	1707.7	+100.0%		
West Midlands	Staffordshire Moorlands	487.5	-0.8%	11.0%	+12.2%			382.0		+16.8%	194.7	+12.7%	945.6	+158.4%	1238.7	+103.7%		
West Midlands	Telford and Wrekin	474.9	-0.8%	12.5%	+11.6%			414.7		+15.5%	165.7	+ 9.5%	863.2	+ 44.1%	844.4	+ 17.8%		
South East	Windsor and Maidenhead	720.6	+3.1%	7.4%	+10.4%			365.6		+15.5%	127.7	-30.9%	996.4	+125.0%	1283.6	+ 78.8%		
West Midlands	Newcastle-under-Lyme	481.6	+3.0%	12.9%	+14.2%			421.3		+15.2%	236.9	-2.3%	916.9	+137.5%	485.3	+ 15.0%		
North East	Sunderland	422.3	-10.1%	12.4%	+25.3%			363.2		+14.4%	285.9	+ 7.6%	741.7	+ 50.5%	502.5	+ 28.1%		
East of England	Luton	615.8	+1.3%	8.8%	+14.3%			362.5		+14.2%	243.4	+50.9%	441.7	+ 50.0%	702.1	0.0%		
South West	Swindon	568.0	+9.3%	10.8%	+ 4.9%			415.0		+13.9%	159.2	+29.4%	1001.4	+ 43.4%	811.1	+ 6.0%		
North East	Darlington	508.9	+3.2%	11.2%	+ 8.7%			397.6		+13.9%	162.5	-27.7%	727.2	+ 35.7%	983.7	+100.0%		
North West	Wyre	601.4	+2.4%	8.5%	+ 6.2%			360.0		+13.7%	163.9	-8.4%	753.3	+ 12.2%	499.1	+ 26.3%		
East Midlands	Charnwood	468.9	+0.9%	13.3%	+14.7%			422.5		+12.9%	207.2	+ 9.5%	1173.0	+ 21.9%	412.4	+ 1.4%		
North West	Stockport	537.1	+1.1%	10.4%	+10.6%			385.1		+10.9%	160.7	-8.2%	663.0	+ 14.5%	904.1	+ 28.3%		
North East	Hartlepool	414.7	-3.9%	12.5%	+11.6%			362.3		+10.7%	209.0	-1.9%	610.4	-6.7%	529.4	+ 52.9%		
	England	568.9	-1.4%	8.1%	-1.2%			317.0		+ 0.3%	162.3	-1.4%	618.3	+ 27.4%	569.6	+ 0.5%		179,284

All indicators for the last 7 days (27 August 2021 to 02 September 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
Yorkshire and Humber	Kingston upon Hull, City of	515.2	-4.0%	15.0%	+ 0.7%			523.3		-2.7%	309.1	+14.6%	863.9	+ 19.1%	619.9	-19.7%		
North West	Preston	585.4	+3.4%	7.9%	+ 1.3%			317.7		+ 5.8%	297.3	+23.2%	628.6	+252.6%	362.2	+ 8.3%		
North West	Blackpool	694.6	-1.9%	10.4%	+ 4.0%			486.3		+ 4.3%	291.7	+26.8%	862.5	+ 26.2%	746.5	+ 6.2%		
Yorkshire and Humber	Barnsley	444.6	+2.3%	14.1%	+10.2%			428.5		+11.2%	289.9	+18.4%	880.5	+ 40.2%	557.1	+30.6%		
East Midlands	Mansfield	580.7	-5.5%	13.0%	-7.8%			525.8		-11.1%	289.3	-3.5%	965.7	+ 6.0%	918.9	-30.8%		
North East	South Tyneside	432.1	-7.8%	13.5%	+21.6%			392.4		+ 8.6%	288.3	+25.3%	535.1	+ 38.4%	518.8	+65.2%		
Yorkshire and Humber	Rotherham	477.3	+3.9%	13.8%	+ 5.3%			454.4		+10.8%	288.0	-6.2%	840.5	+ 67.0%	607.6	+14.1%		
North East	Sunderland	422.3	-10.1%	12.4%	+25.3%			363.2		+14.4%	285.9	+ 7.6%	741.7	+ 50.5%	502.5	+28.1%		
East Midlands	High Peak	507.1	+5.7%	13.0%	+16.1%			465.3		+23.8%	283.2	+44.2%	984.7	+ 29.8%	643.0	+ 3.8%		
West Midlands	Stoke-on-Trent	511.4	+0.2%	11.1%	+ 6.7%			392.8		+ 7.7%	281.6	+14.6%	653.1	+ 50.0%	661.0	+ 9.5%		
West Midlands	Wolverhampton	526.7	-7.2%	10.9%	+ 5.8%			396.7		+ 1.0%	273.2	+17.2%	659.0	+ 33.3%	477.9	-17.3%		
North East	Middlesbrough	520.1	-2.1%	11.1%	-0.9%			391.4		+ 1.8%	264.2	+27.7%	662.8	+ 3.0%	453.3	-6.8%		
North West	Knowsley	553.3	-0.4%	11.8%	-0.8%			454.6		+ 3.3%	260.1	-2.1%	878.2	+ 36.2%	622.9	+13.6%		
East Midlands	Ashfield	534.1	-3.2%	11.9%	-2.5%			449.6		-1.0%	257.9	+29.2%	918.7	-2.4%	407.3	-50.0%		
East Midlands	Leicester	510.8	-1.6%	10.8%	-10.7%			374.5		-11.1%	257.3	-8.9%	778.5	+ 13.6%	355.9	-6.9%		
Yorkshire and Humber	Sheffield	425.9	+1.2%	11.4%	+ 3.6%			334.2		+ 6.4%	252.6	+ 3.7%	612.6	+ 29.1%	288.0	+11.5%		
South West	Mid Devon	537.5	-14.4%	10.7%	-7.0%			385.4		-20.2%	252.4	+16.4%	644.0	-29.8%	1063.8	-12.8%		
North West	Tameside	447.7	-1.1%	14.0%	+ 2.2%			437.2		+ 2.8%	252.3	-2.9%	654.2	+ 24.4%	596.2	+ 1.5%		
South West	Plymouth	613.1	-6.6%	10.6%	-12.4%			436.8		-19.4%	249.7	-18.8%	760.6	-12.7%	552.5	-31.3%		
Yorkshire and Humber	Doncaster	492.6	+2.4%	12.5%	+ 2.5%			424.9		+ 8.8%	246.6	+ 4.8%	800.5	+ 65.5%	574.2	+21.7%		
	England	568.9	-1.4%	8.1%	-1.2%			317.0		+ 0.3%	162.3	-1.4%	618.3	+ 27.4%	569.6	+ 0.5%		179,284

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		
	04 Sep 2021	7-day change	21-day trend	04 Sep 2021	7-day change	21-day trend	04 Sep 2021	7-day change	21-day trend
Total									
England		−0.7%			4.7%			5.2%	
By region									
East Midlands		0.0%			7.6%			−4.4%	
East of England		−1.5%			5.1%			16.9%	
London		−9.4%			−3.1%			10.6%	
North East		3.7%			2.4%			8.3%	
North West		2.7%			10.0%			11.8%	
South East		7.4%			22.3%			20.8%	
South West		5.3%			7.7%			−9.1%	
West Midlands		−7.2%			−5.1%			−12.7%	
Yorkshire and The Humber		1.2%			3.9%			0.0%	

Source: NHS England & Improvement COVID-19 Hospital Activity Data, from 08 August 2021 to 04 September 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.
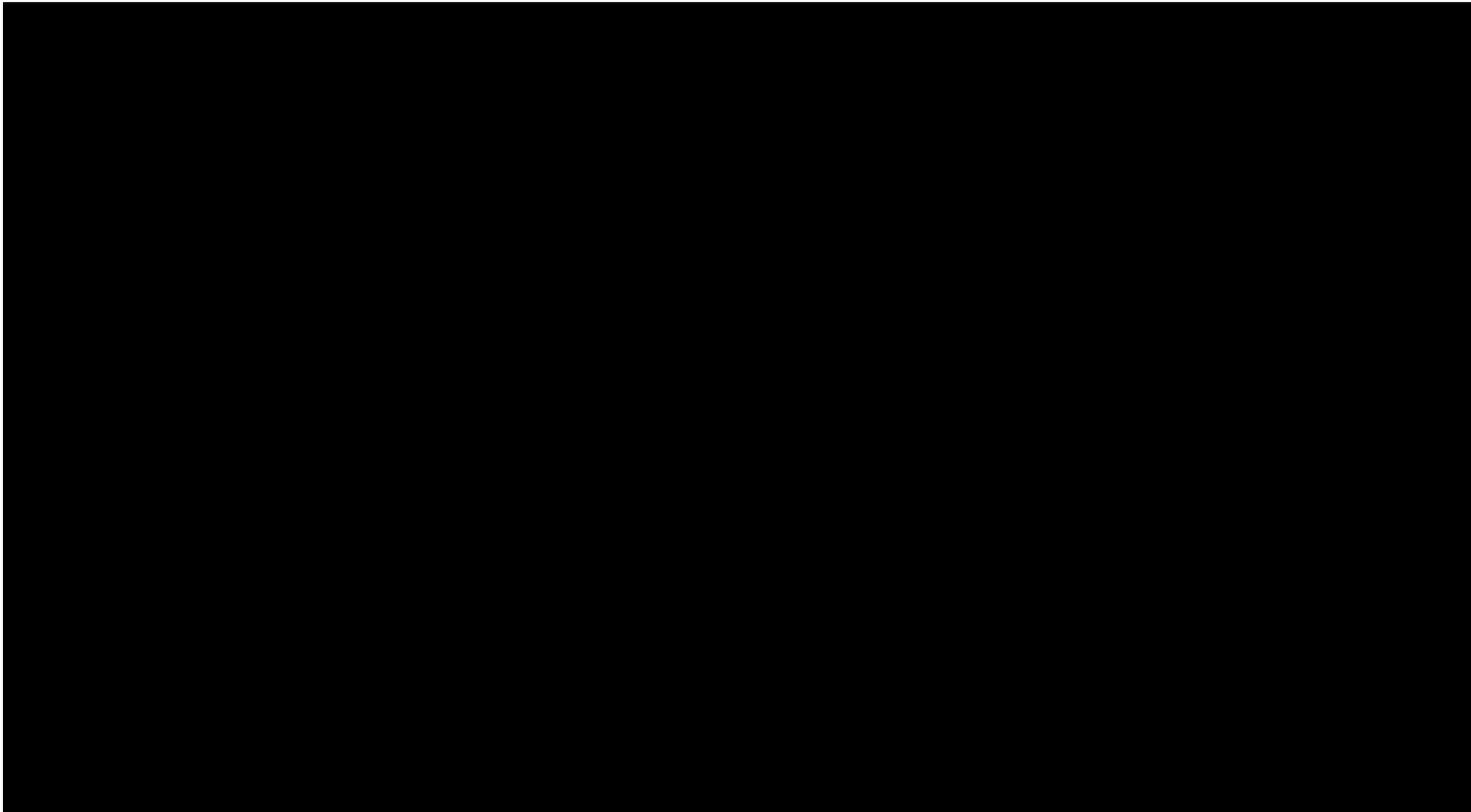
High level summary - COVID-19 vaccination uptake by region, age and dose
Data to 07 September 2021

PHE Region of Residence	Dose 1				Dose 2			
	All persons	ESR NHS Workers	CEV	COVID19 At Risk	All persons	ESR NHS Workers	CEV	COVID19 At Risk
East Midlands	67.2% (0.3)	93.4% (0.1)	93.5% (0.0)	88.6% (0.1)	61.1% (0.9)	89.9% (0.3)	90.8% (0.1)	84.4% (0.3)
East of England	66.5% (0.3)	93.2% (0.1)	93.9% (0.0)	88.9% (0.1)	60.1% (1.1)	89.2% (0.3)	91.4% (0.1)	84.7% (0.4)
London	54.6% (0.3)	86.1% (0.2)	84.8% (0.1)	77.5% (0.2)	48.0% (1.0)	80.9% (0.4)	80.5% (0.2)	71.8% (0.4)
North East	68.9% (0.2)	95.4% (0.1)	95.1% (0.0)	89.9% (0.1)	61.9% (1.1)	92.1% (0.3)	92.5% (0.1)	85.2% (0.2)
North West	64.7% (0.3)	92.3% (0.1)	92.8% (0.0)	86.2% (0.1)	58.3% (0.8)	88.5% (0.3)	89.4% (0.1)	80.8% (0.3)
South East	67.9% (0.3)	94.0% (0.1)	94.5% (0.0)	89.6% (0.1)	61.5% (1.1)	90.2% (0.3)	92.0% (0.1)	85.4% (0.4)
South West	71.0% (0.3)	94.4% (0.1)	95.3% (0.0)	90.4% (0.1)	64.5% (1.2)	90.8% (0.3)	93.2% (0.1)	86.6% (0.3)
West Midlands	63.7% (0.3)	90.7% (0.2)	91.4% (0.1)	85.8% (0.1)	57.2% (1.0)	86.4% (0.4)	88.2% (0.1)	80.6% (0.4)
Yorkshire and Humber	65.8% (0.3)	93.2% (0.1)	93.1% (0.1)	87.6% (0.1)	59.4% (1.0)	89.6% (0.3)	90.1% (0.1)	82.9% (0.3)
Unknown	50.4% (0.4)	89.1% (0.2)	82.0% (0.1)	77.7% (0.1)	37.3% (1.1)	73.3% (0.4)	74.5% (0.3)	69.0% (0.3)
Total	64.6% (0.3)	92.1% (0.1)	92.0% (0.1)	86.8% (0.1)	58.1% (1.0)	88.1% (0.3)	89.0% (0.1)	82.1% (0.3)

Values in parentheses show absolute percentage change since 31 August 2021. ESR = electronic staff record; CEV = clinically extremely vulnerable.
Please refer to the vaccination data guidance notes and caveats slides for further information.
Data Source: National Immunisation Management Service (NIMS)

Note: NIMS denominators include all persons and are not restricted to adults aged 18 years and above
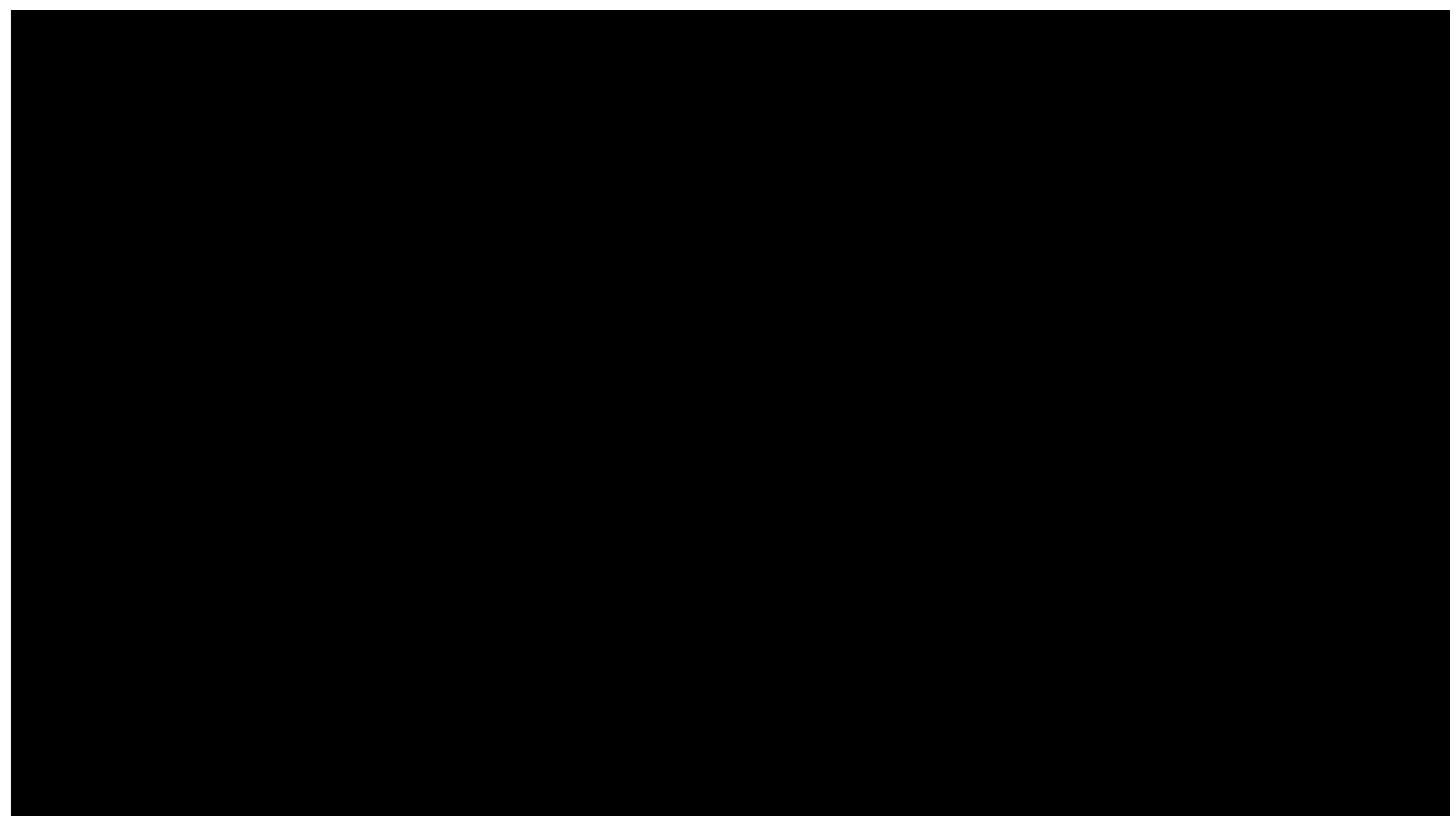
Case numbers by test type in England

Data reporting 10 July 2021 to 06 September 2021

Confirmed cases by test type, all ages

Confirmed cases by test type, ages 11-18 years

Test type

- LFD only
- LFD with PCR confirmation
- PCR

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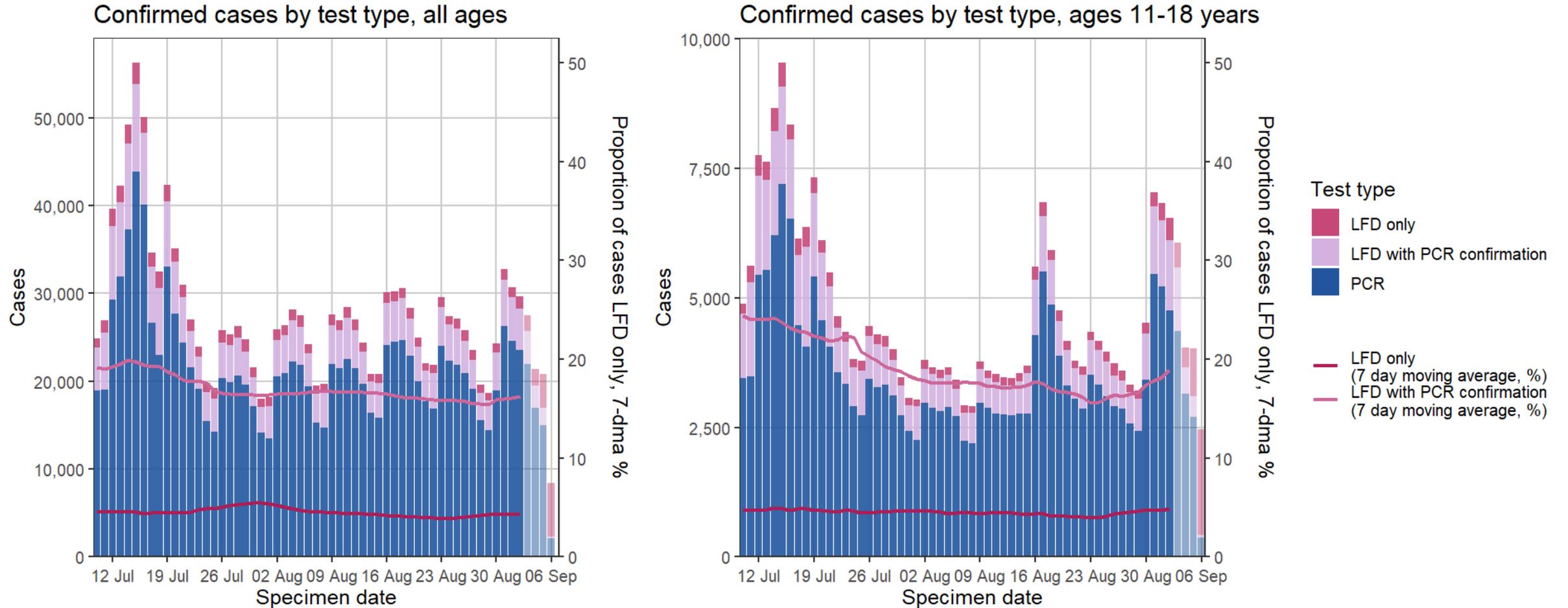
Data for the four most recent specimen dates is incomplete and will include cases for which PCR testing has not yet been reported and/or undertaken
PCR = First positive specimen was a PCR test.
LFD with PCR confirmation = Positive LFD with a positive PCR result within 3 days.
LFD only = Positive LFD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

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

Data up to 02 September 2021

Case rate per 100,000 for past 7 days by age group

Case rate per 100,000 for past 7 days by age group

Labels show a moving average of case rates for the past 7 days.
Using the most recent confirmed data - 27 August 2021 to 02 September 2021
Dashed lines indicate period with provisional data

Dashed lines indicate period with provisional data
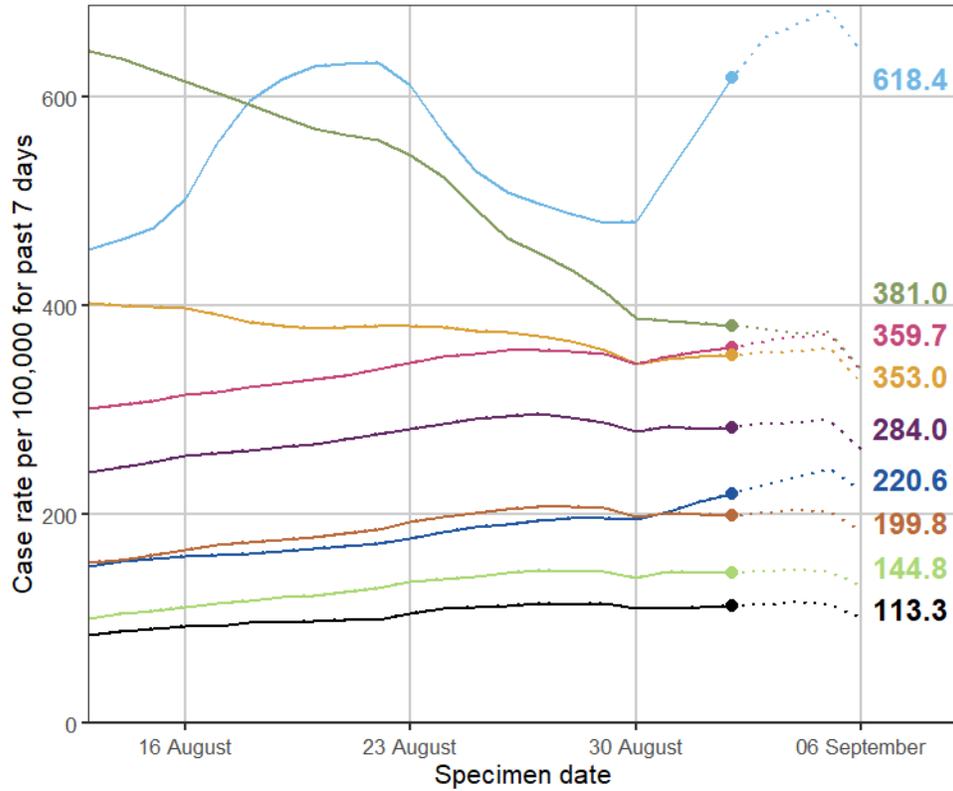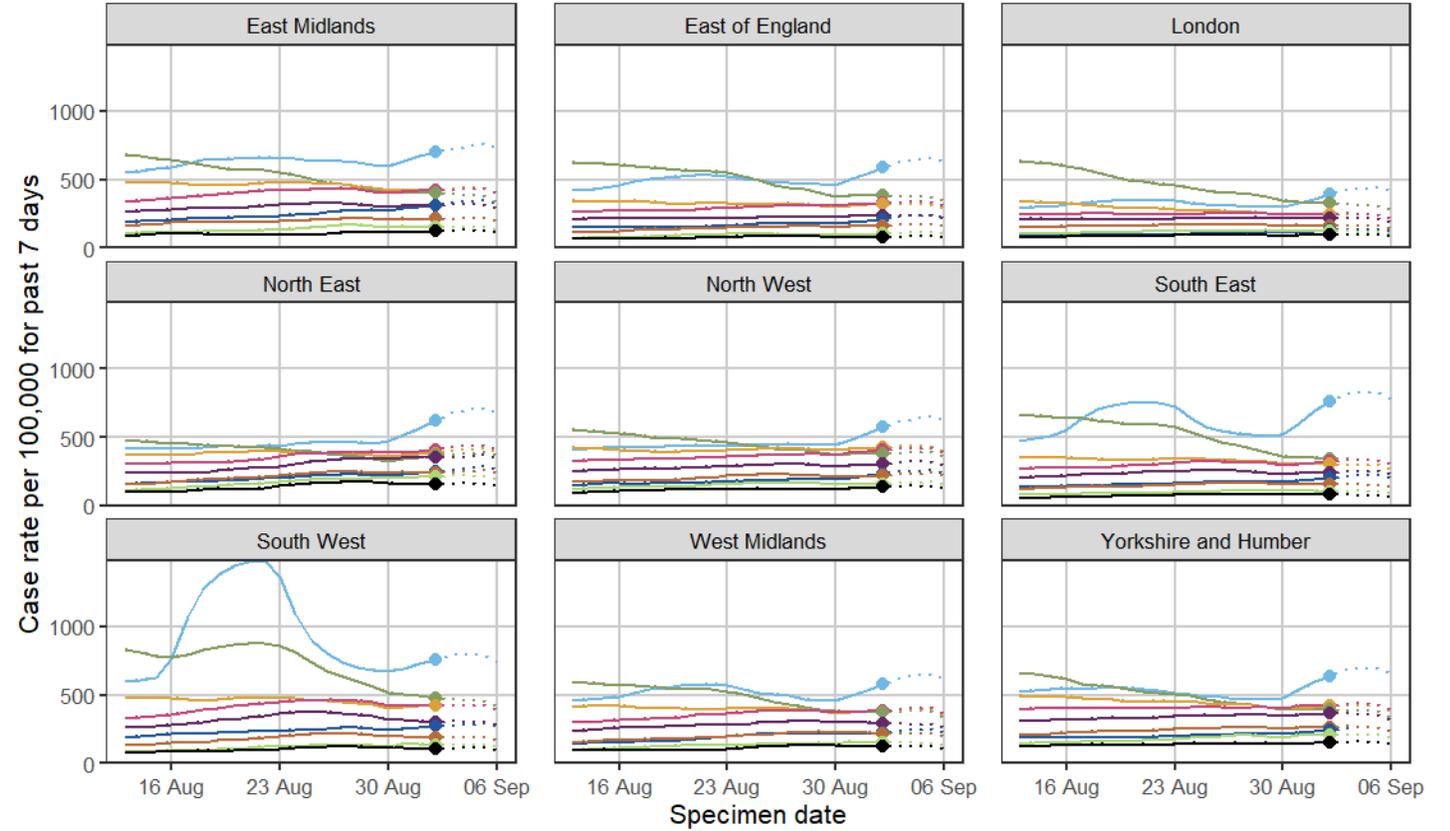
Age group, yrs

0-9   20-29   40-49   60-69   80+
10-19   30-39   50-59   70-79
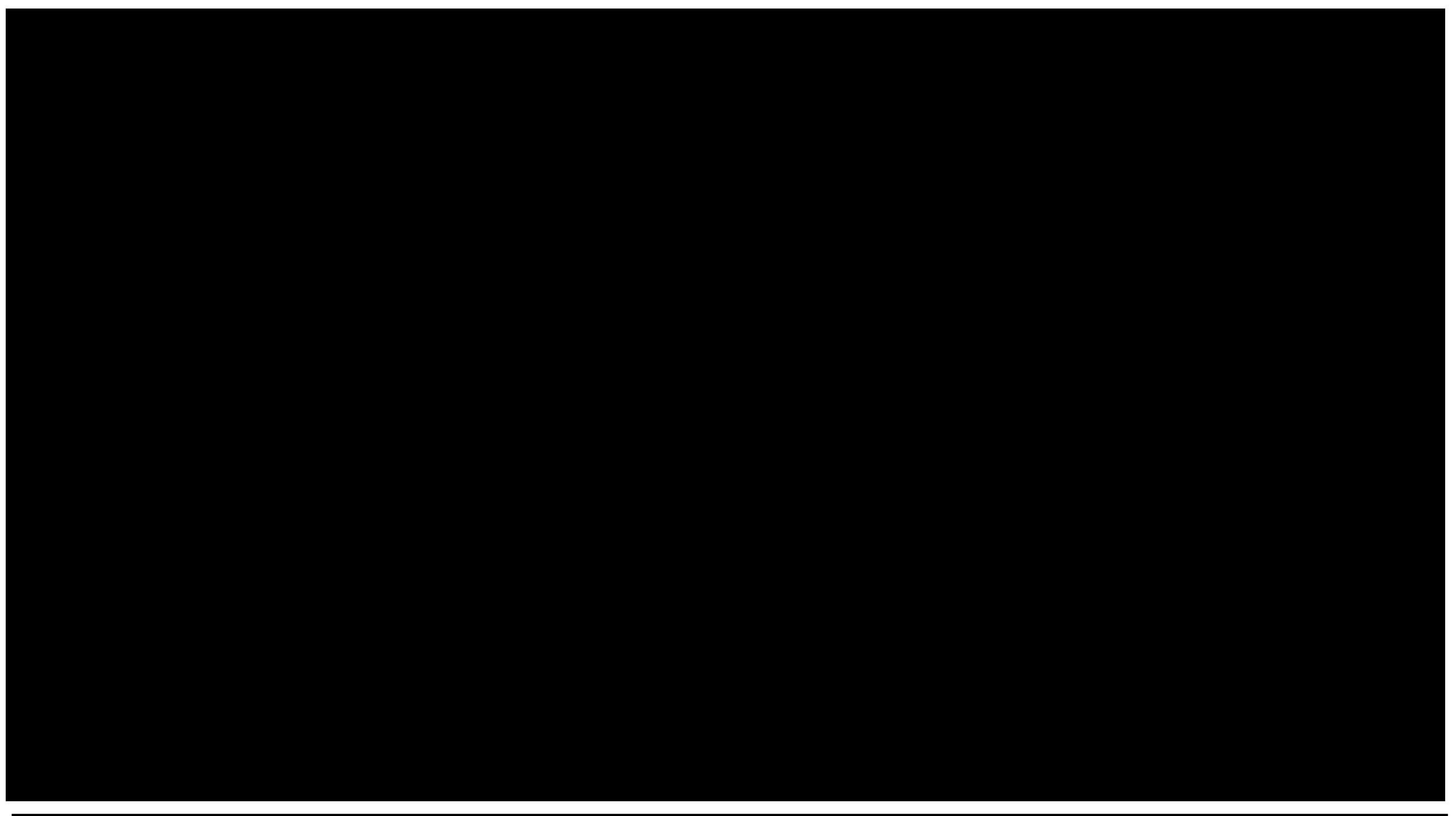
Percentage of individuals testing positive in England across both pillars 1 and 2 (weekly)

Data up to 02 September 2021

Weekly individual test positivity, %, by age group

Weekly individual test positivity, %, by age group

Labels show positivity rate for 27 August 2021 to 02 September 2021.
Excludes LFD tests

Excludes LFD tests

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

Data up to 02 September 2021

Labels show test rate for 27 August 2021 to 02 September 2021.
Excludes LFD tests

Excludes LFD tests

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

Data up to 02 September 2021

Case rate per 100,000 for past 7 days by age group
(0 to 21 year olds)
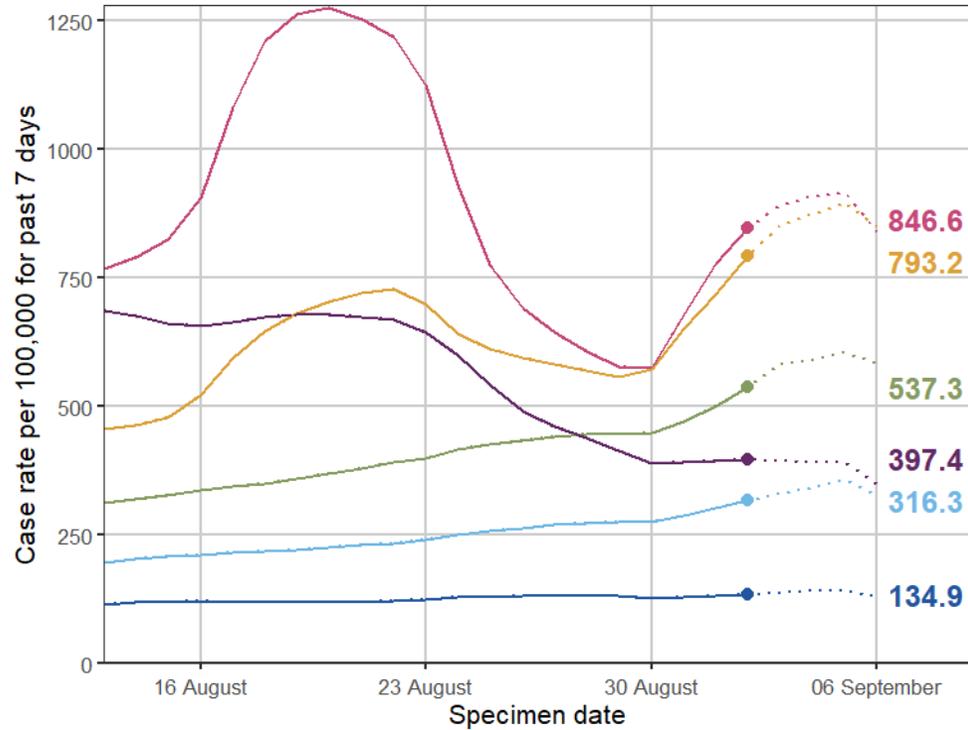
Case rate per 100,000 for past 7 days by age group (0 to 21 year olds)
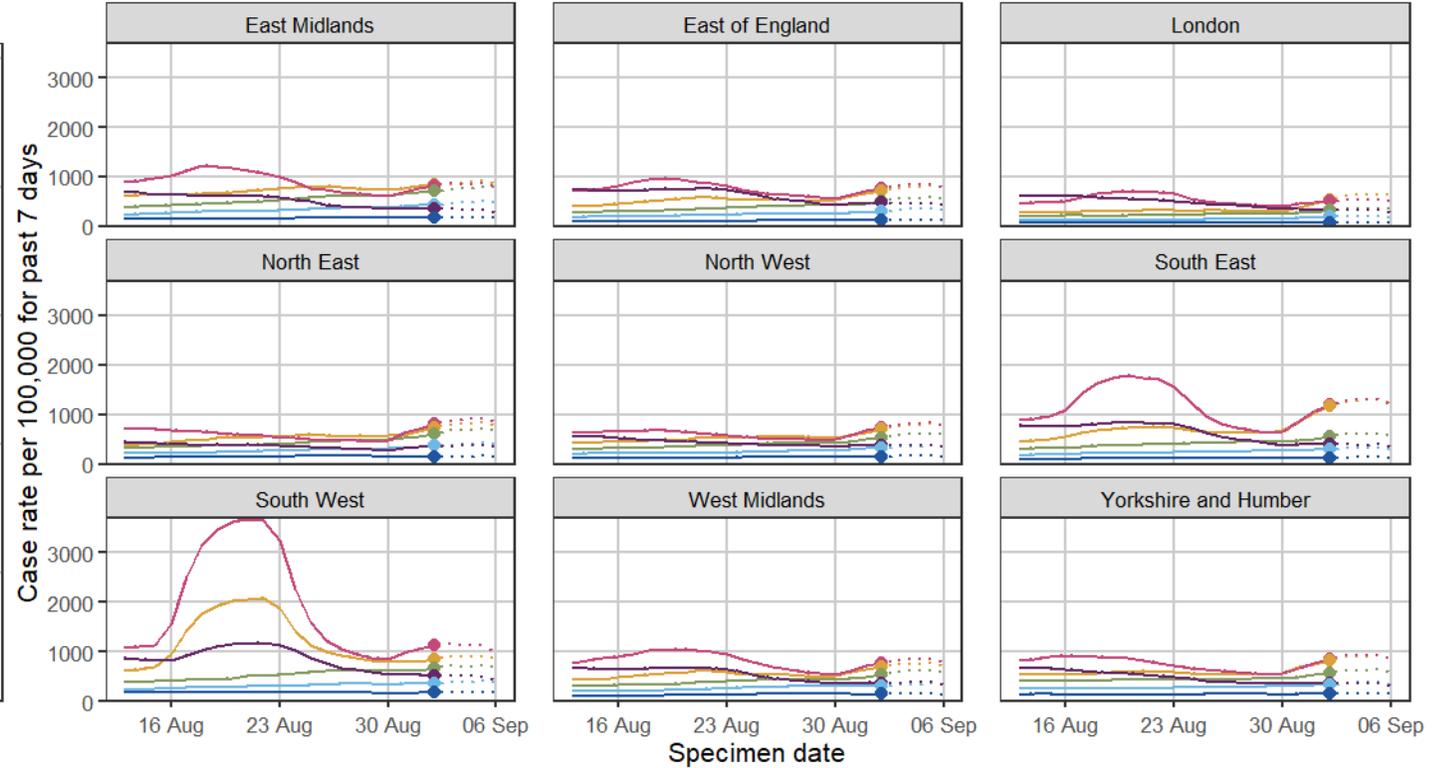
Labels show a moving average of case rates for the past 7 days.
Using the most recent confirmed data – 27 August 2021 to 02 September 2021
Dashed lines indicate period with provisional data

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 02 September 2021

Weekly individual test positivity, %, by age group (0 to 21 year olds)
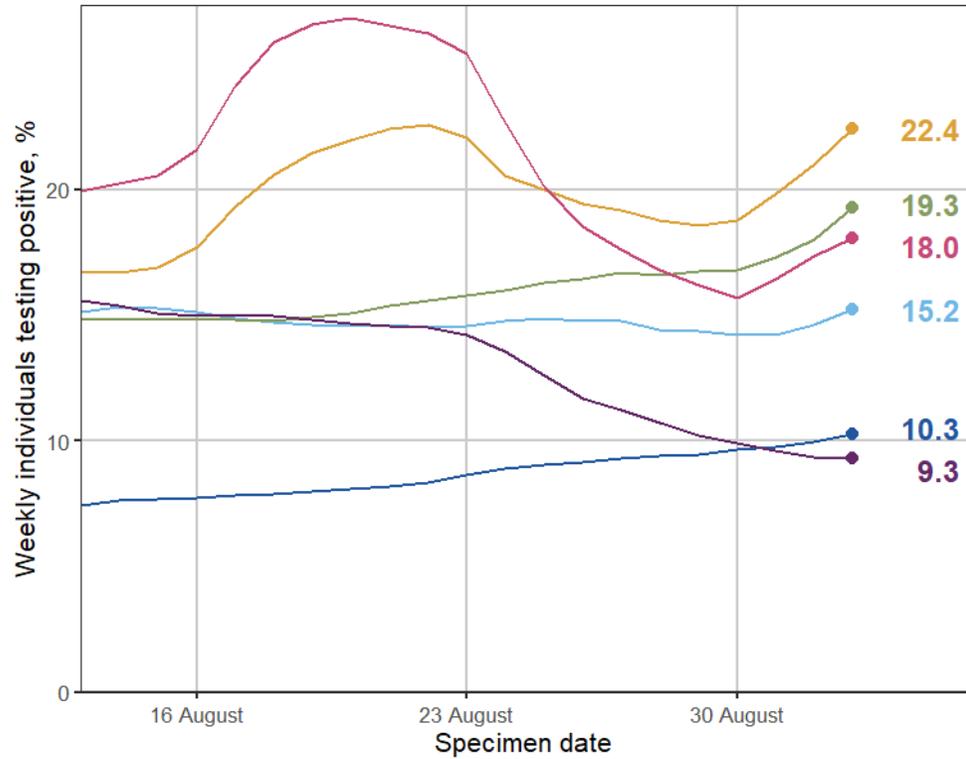
Weekly individual test positivity, %, by age group (0 to 21 year olds)
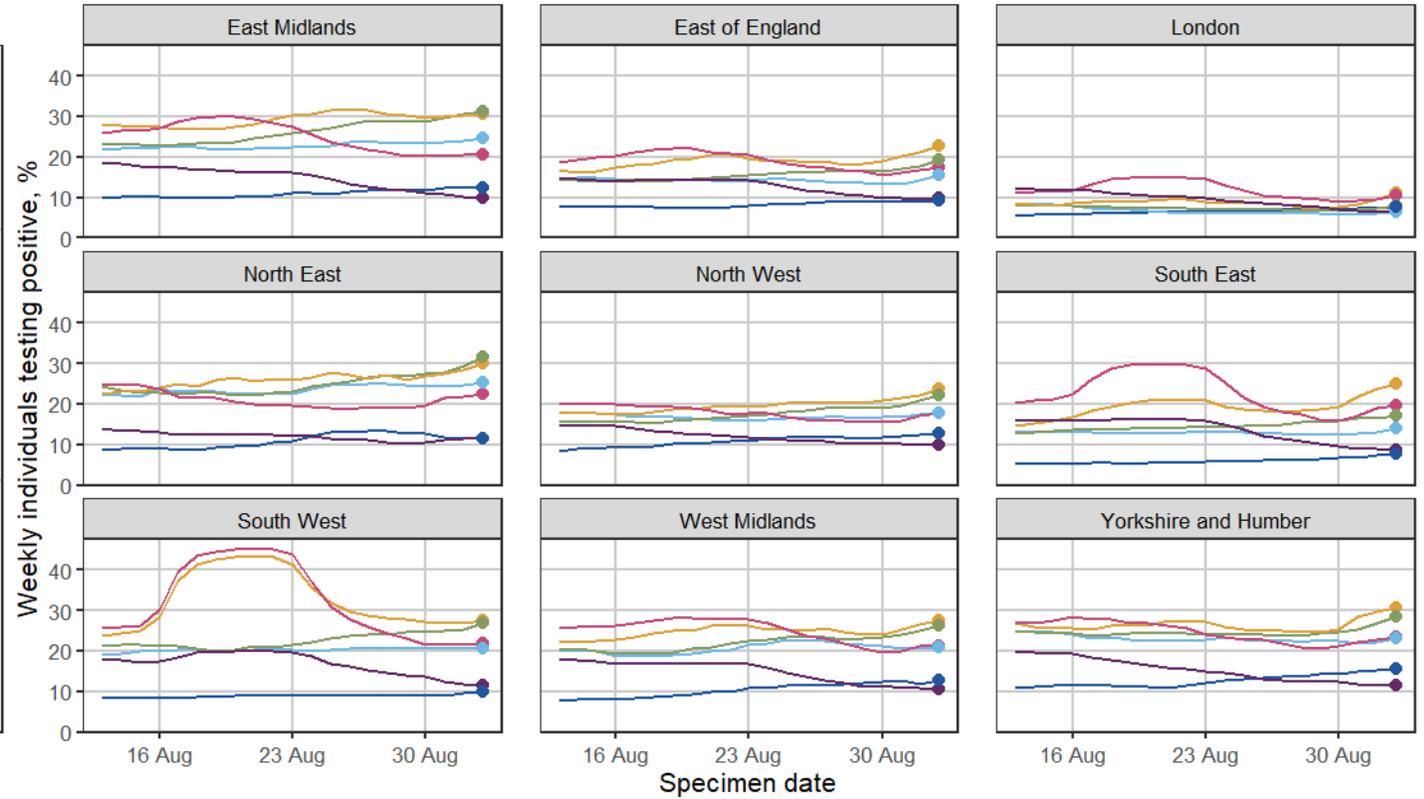
Age group, yrs: 0-4, 11-14, 17-18, 5-10, 15-16, 19-21

Labels show positivity rate for 27 August 2021 to 02 September 2021.
Excludes LFD tests

Excludes LFD tests

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

Data up to 02 September 2021

Individuals tested per 100,000 population
(0 to 21 year olds)
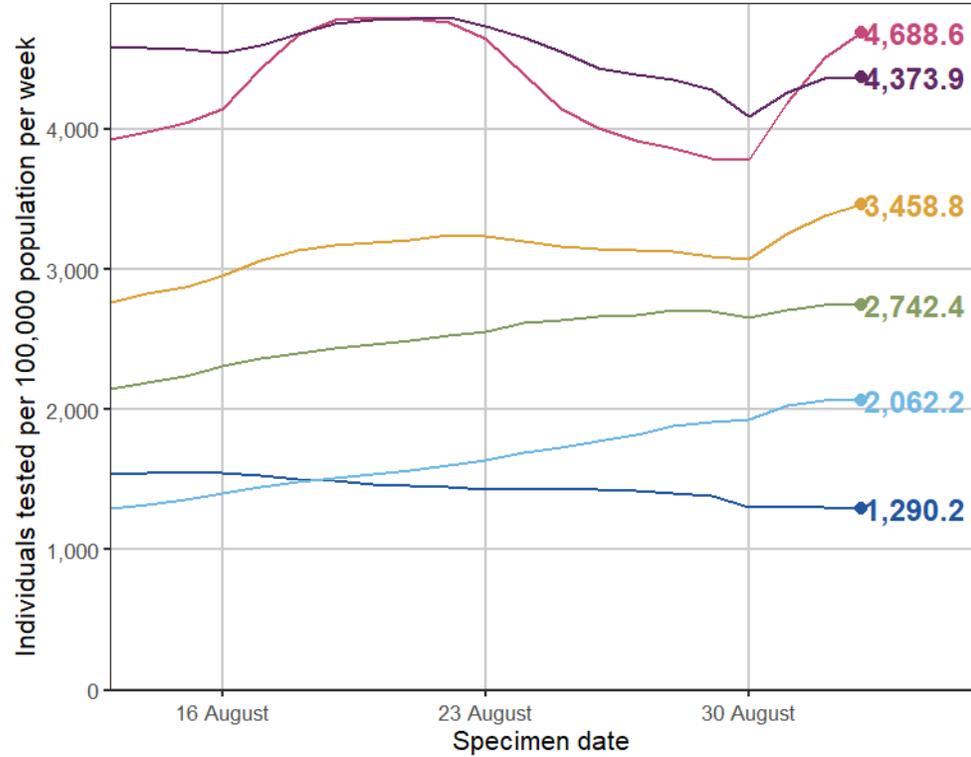
Individuals tested per 100,000 population (0 to 21 year olds)
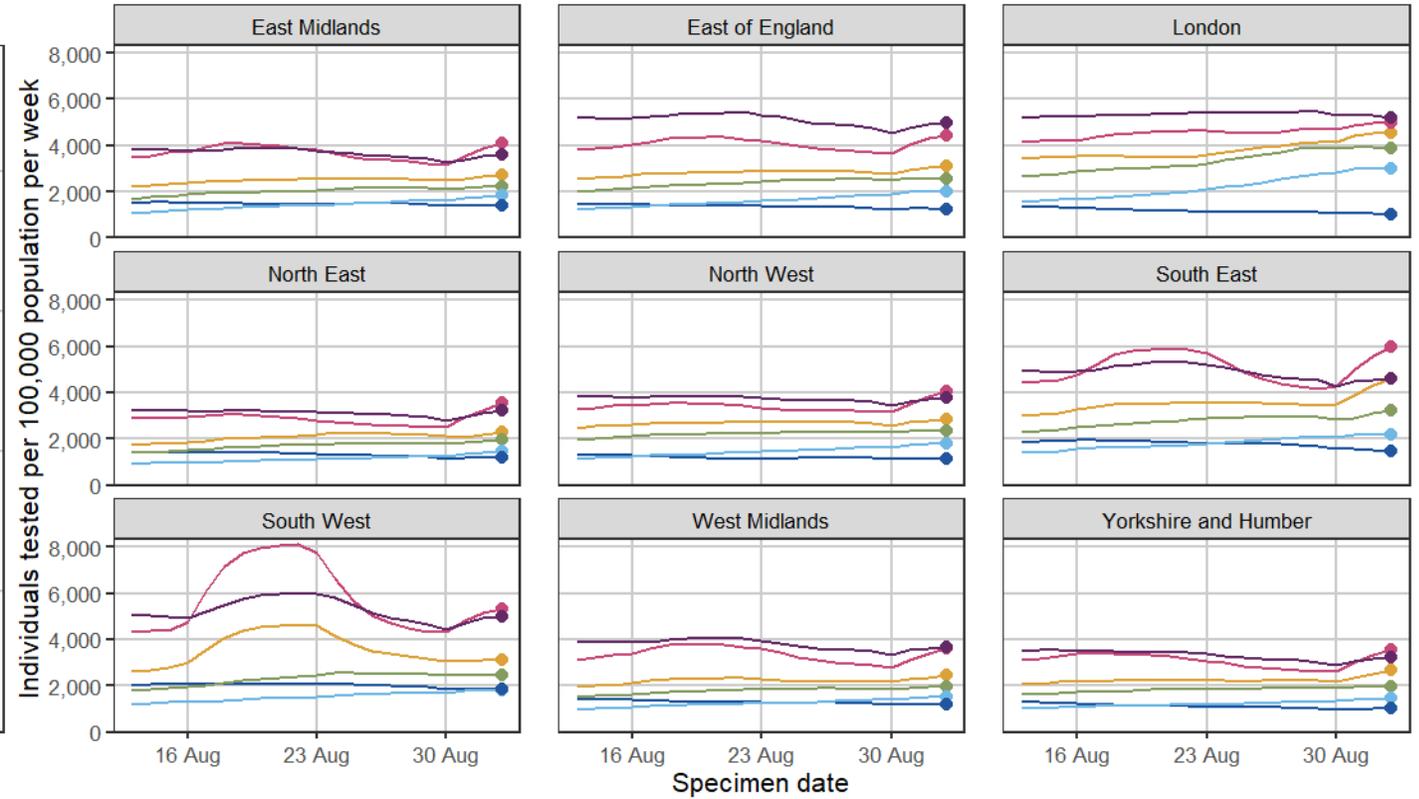
Age group, yrs: 0-4, 11-14, 17-18, 5-10, 15-16, 19-21

Labels show weekly testing rate for 27 August 2021 to 02 September 2021.
Excludes LFD tests

Excludes LFD tests
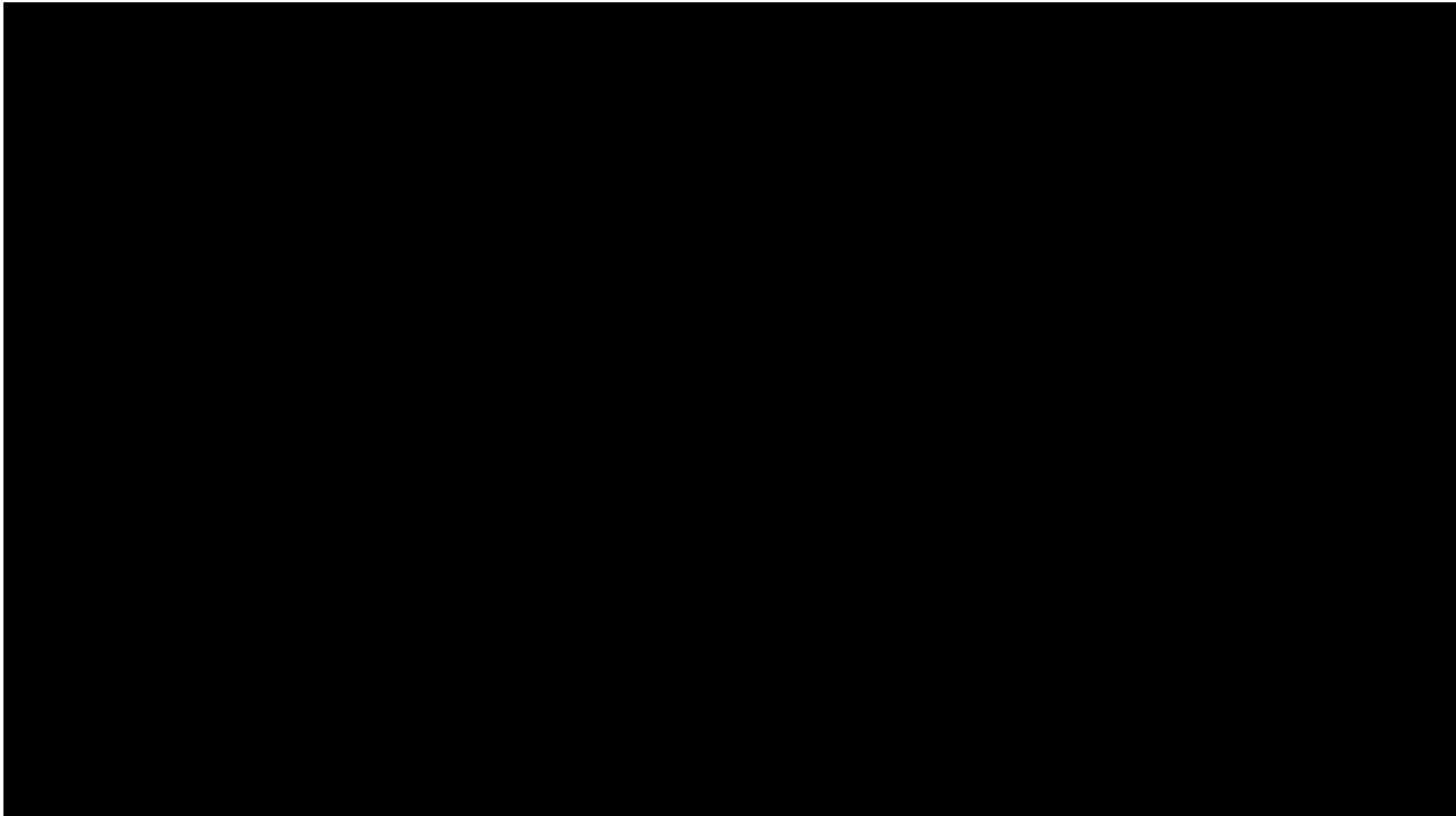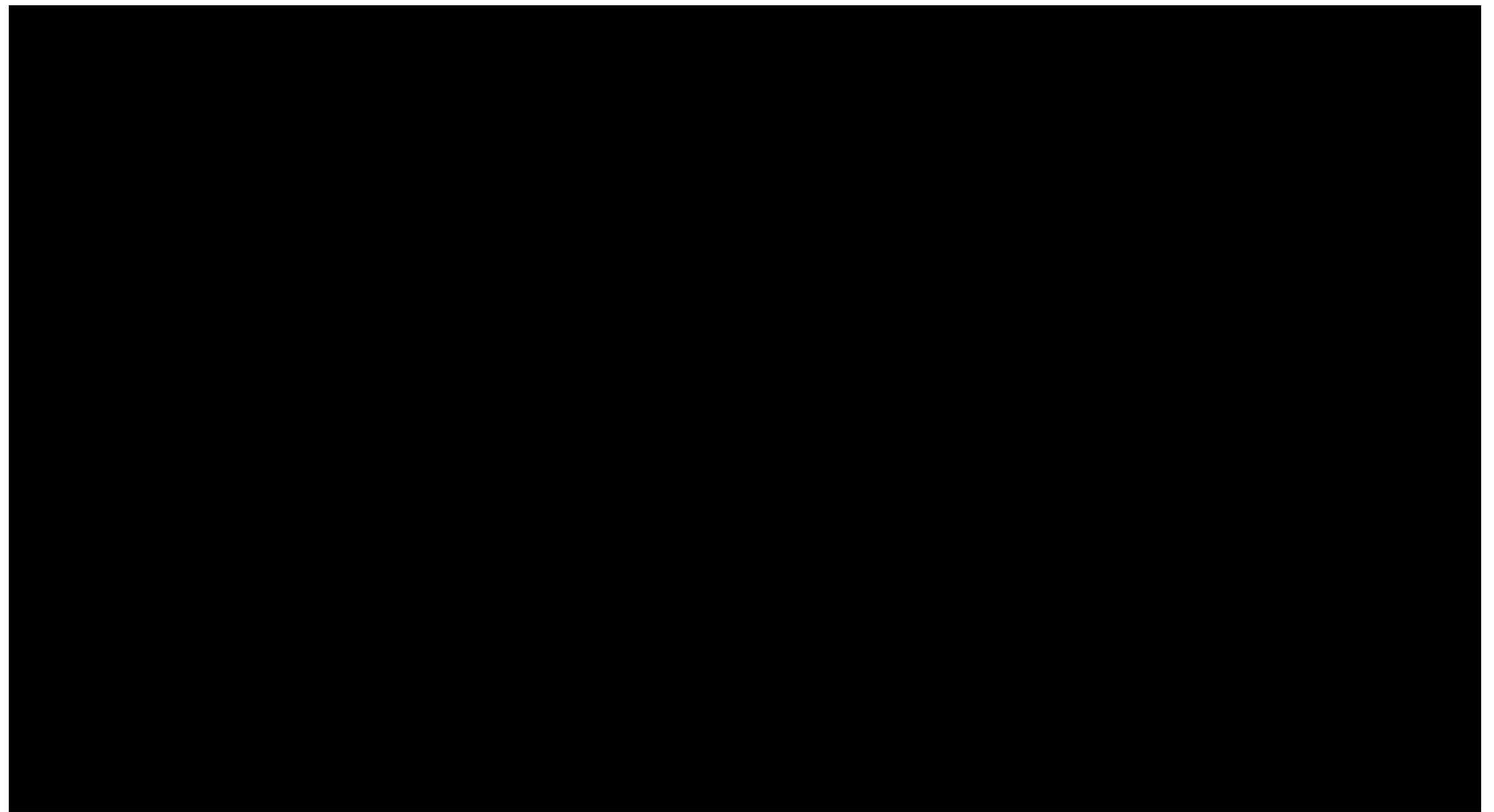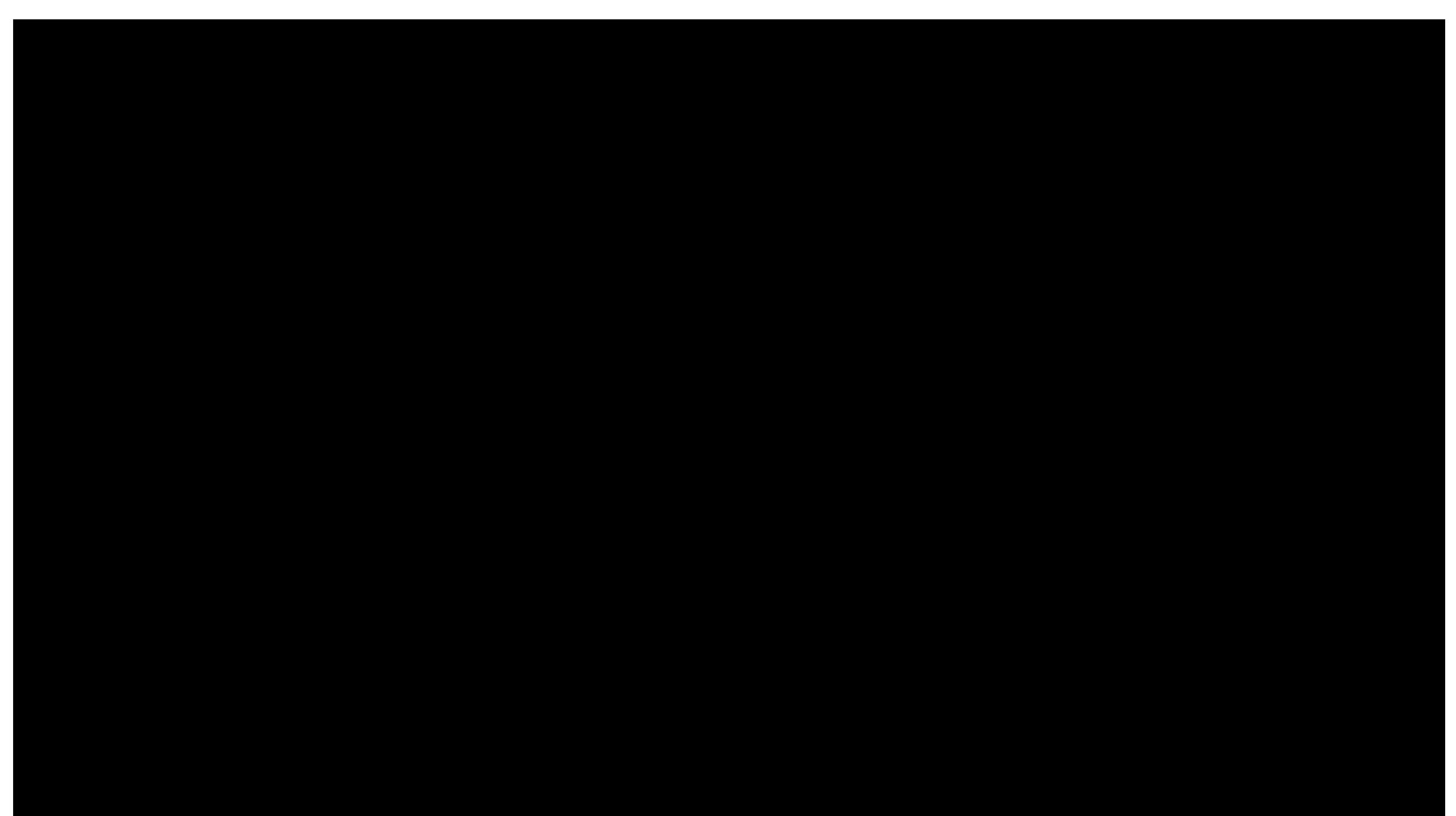
Percentage prevalence of COVID-19 across England and Government Office regions - table
Date of report 03 September 2021 by PHE Joint Modelling Cell

Methodology

Prevalence estimates were generated by the Cambridge real-time model on **27 August 2021** using data up to **23 August 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	27/08/2021	03/09/2021	10/09/2021
England	1.05 (0.97, 1.14)	1.04 (0.92, 1.18)	1.03 (0.86, 1.23)
North East	1.09 (0.86, 1.41)	0.87 (0.61, 1.28)	0.68 (0.42, 1.16)
Yorkshire and The Humber	1.16 (0.96, 1.44)	1.02 (0.75, 1.42)	0.87 (0.58, 1.39)
North West	0.73 (0.58, 0.93)	0.70 (0.49, 1.04)	0.67 (0.40, 1.14)
East Midlands	1.20 (0.94, 1.54)	1.12 (0.78, 1.63)	1.03 (0.62, 1.71)
West Midlands	1.00 (0.80, 1.28)	0.89 (0.63, 1.29)	0.78 (0.48, 1.30)
East of England	1.06 (0.84, 1.36)	1.05 (0.73, 1.53)	1.01 (0.62, 1.70)
London	0.96 (0.78, 1.18)	0.94 (0.67, 1.32)	0.91 (0.56, 1.45)
South East	1.00 (0.82, 1.24)	1.14 (0.84, 1.60)	1.27 (0.84, 2.01)
South West	1.33 (1.03, 1.73)	1.41 (0.95, 2.09)	1.45 (0.86, 2.45)

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
- This week's estimates for 03/09/2021 have generally been revised upwards from last week's, especially in the South East and South West, where notable increases in infections incidence have been recorded.
- This has led to this week's prevalence estimates for these two Regions (and England's by knock-on effect) being outside last week's credible intervals, though all other estimates are within.

Estimated Prevalence by Region

ONS Coronavirus (COVID-19) Infection Survey (03 September)

In England, the percentage of people testing positive for coronavirus (COVID-19) was level in the week ending 27 August 2021; we estimate that 766,100 people within the community population in England had COVID-19 (95% credible interval: 714,400 to 821,800), equating to around 1 in 70 people.

In the week ending 27 August 2021, the percentage of people testing positive increased in the South West and the West Midlands. The percentage of people testing positive increased in the North East and the South East over the two weeks up to 27 August 2021, but the trend was uncertain in the most recent week. The percentage testing positive decreased in London and the East Midlands in the week ending 27 August 2021.

REACT-1 round 13 final report (4 August)

Between rounds 12 and 13, national prevalence increased from 0.15% (0.12%, 0.18%) in round 12 to 0.63% (0.57%, 0.18%) in round 13. We observed sustained exponential growth with an average doubling time in round 13 of 25 days (lower Credible Interval of 15 days). The rapid growth across and within rounds appears to have been driven by complete replacement of Alpha variant by Delta, and by the high prevalence in younger less-vaccinated age groups, with a nine-fold increase between rounds 12 and 13 among those aged 13 to 17 years

Weighted prevalence in round 13 was nine-fold higher in 13-17 year olds at 1.56% (1.25%, 1.95%) compared with 0.16% (0.08%, 0.31%) in round 12. Therefore, any interventions targeted at the younger ages would have a disproportionate impact in slowing the epidemic

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

REACT-1 study - Prevalence by region

Coronavirus (COVID-19) Infection Survey, UK: 03 September 2021

REACT-1 round 13 final report from 08/07/21.
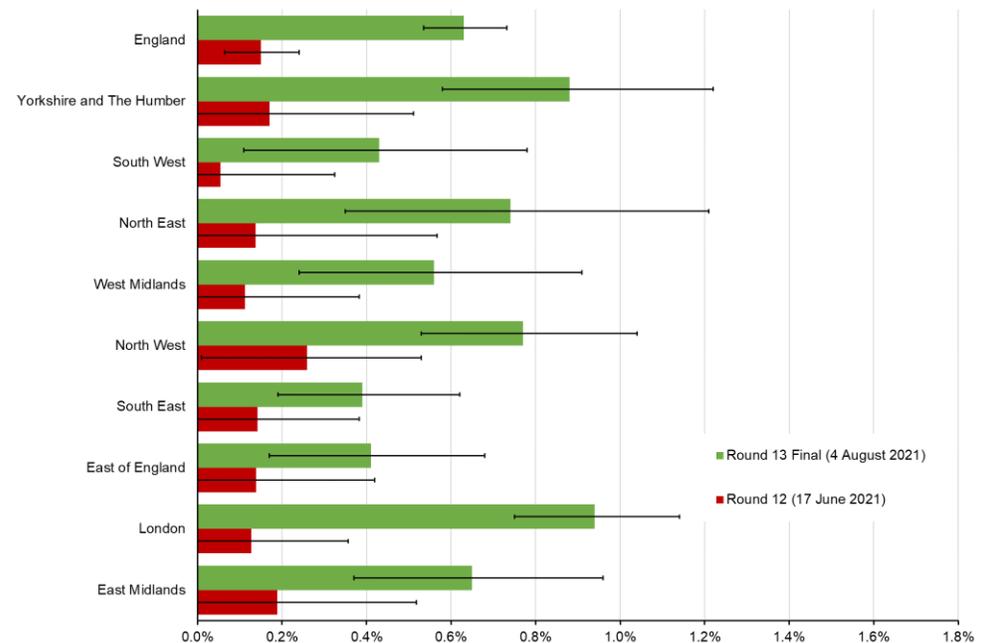
Hospitalisations national trends
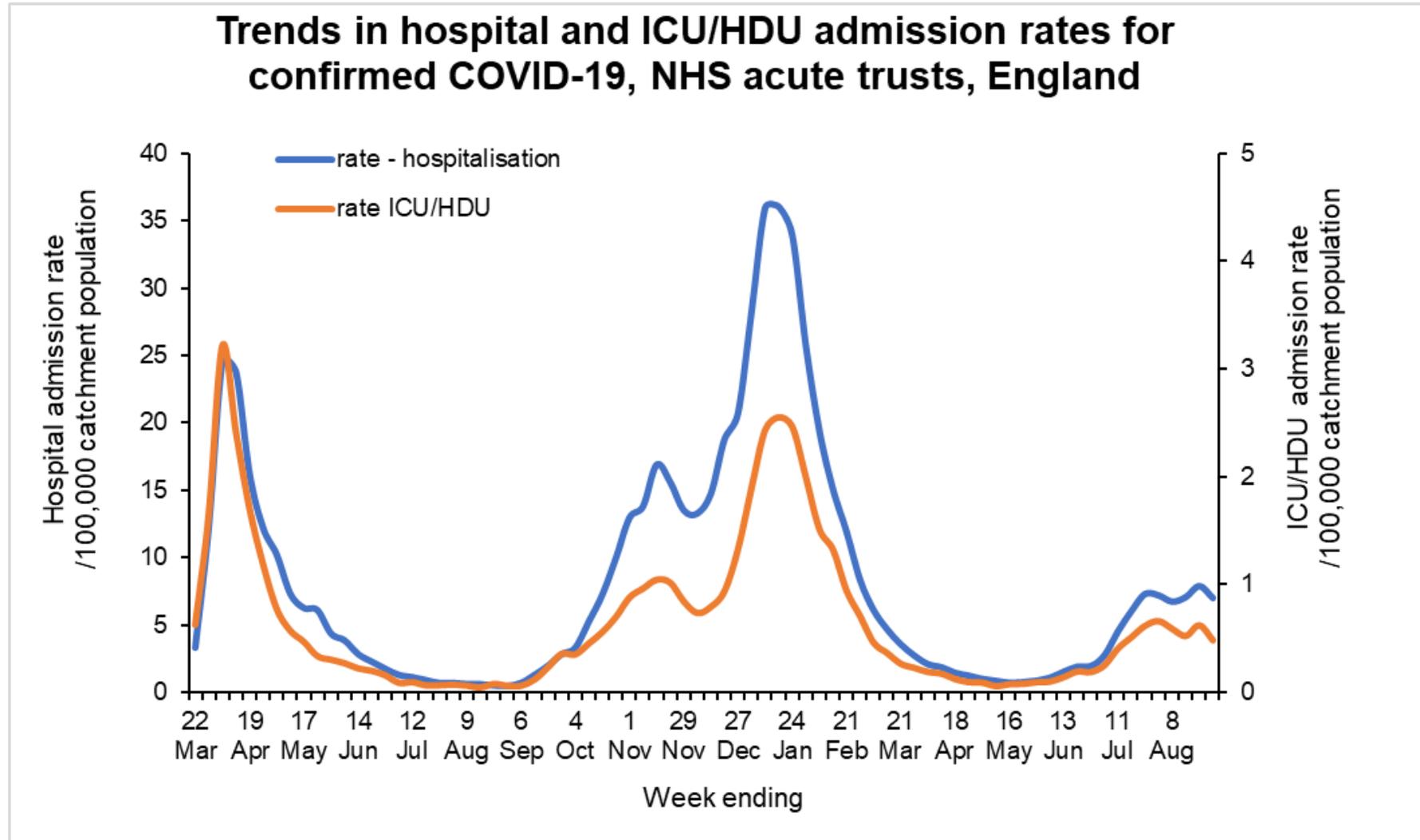
Hospital admissions refers to admissions to all levels of care inclusive of ICU/HDU admissions