



Public Health
England



Test and Trace

Briefing, England

23 September 2021

Headline figures 23 September 2021

England weekly PCR %
individuals tested positive:

6.0%

England weekly case rate, cases
per 100,000 population:

258

England daily patients in hospital
for COVID-19:

5,543

England weekly PCR testing rate
test per 100,000 population:

633

England weekly case rate 60
years and over, cases per
100,000 population:

116

England daily patients in
mechanical ventilation beds for
COVID-19:

774*

England weekly LFD testing rate
per 100,000 population:

1,113

England weekly case rate age 20
to 24 years, cases per 100,000
population:

183

England daily deaths with
COVID-19, 7-day moving
average:

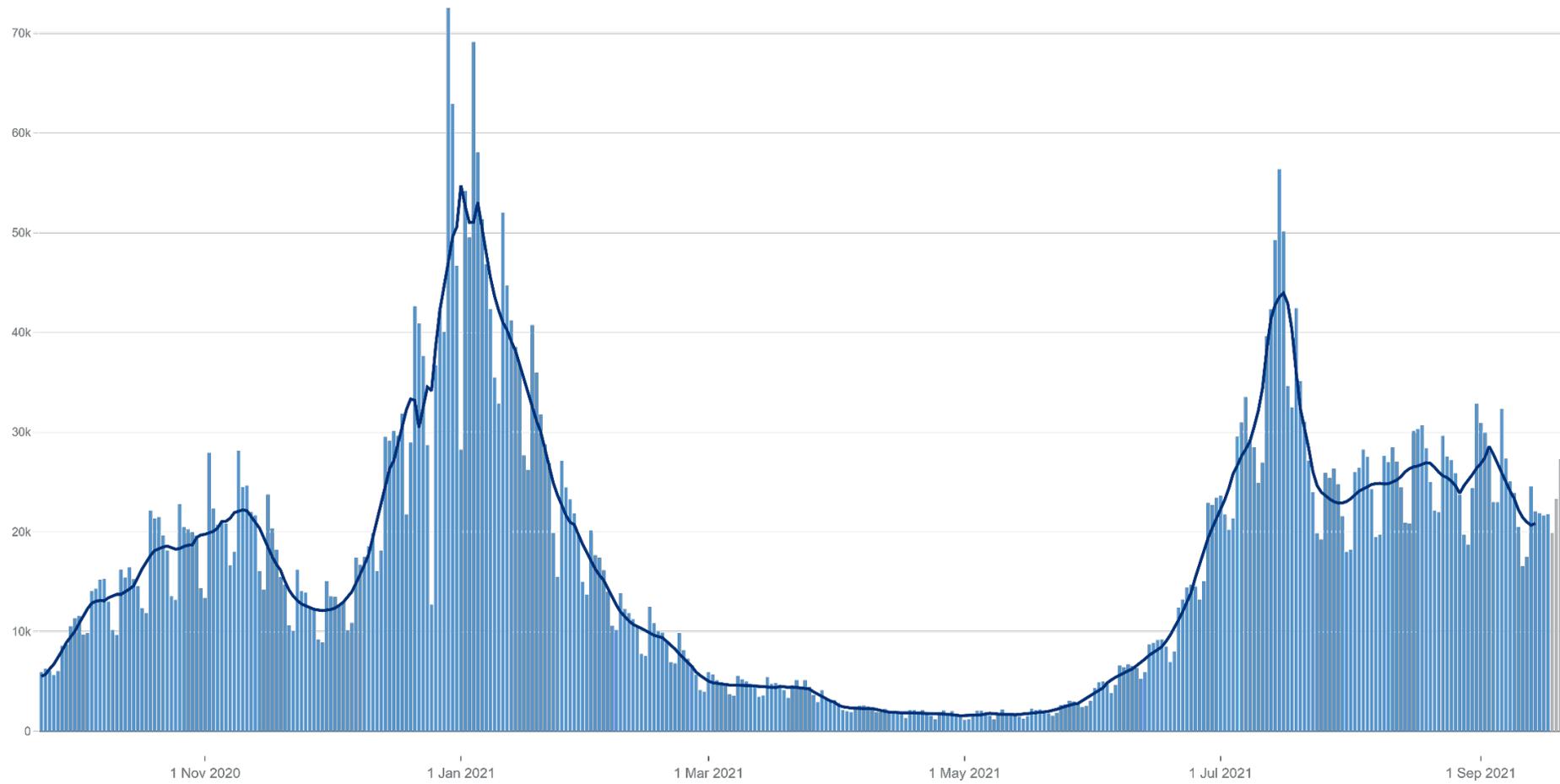
96

Note: *Not all patients in mechanical ventilation beds are using ventilation equipment.

Source: [Coronavirus UK summary](#), PCR testing to 16 September 2021, LFD to 21 September 2021, case rates to 17 September 2021, admissions to 19 September 2021, hospital rates to 21 September 2021, deaths to 17 September 2021.

Latest complete data used for each metric. Visualisation by Joint Biosecurity Centre

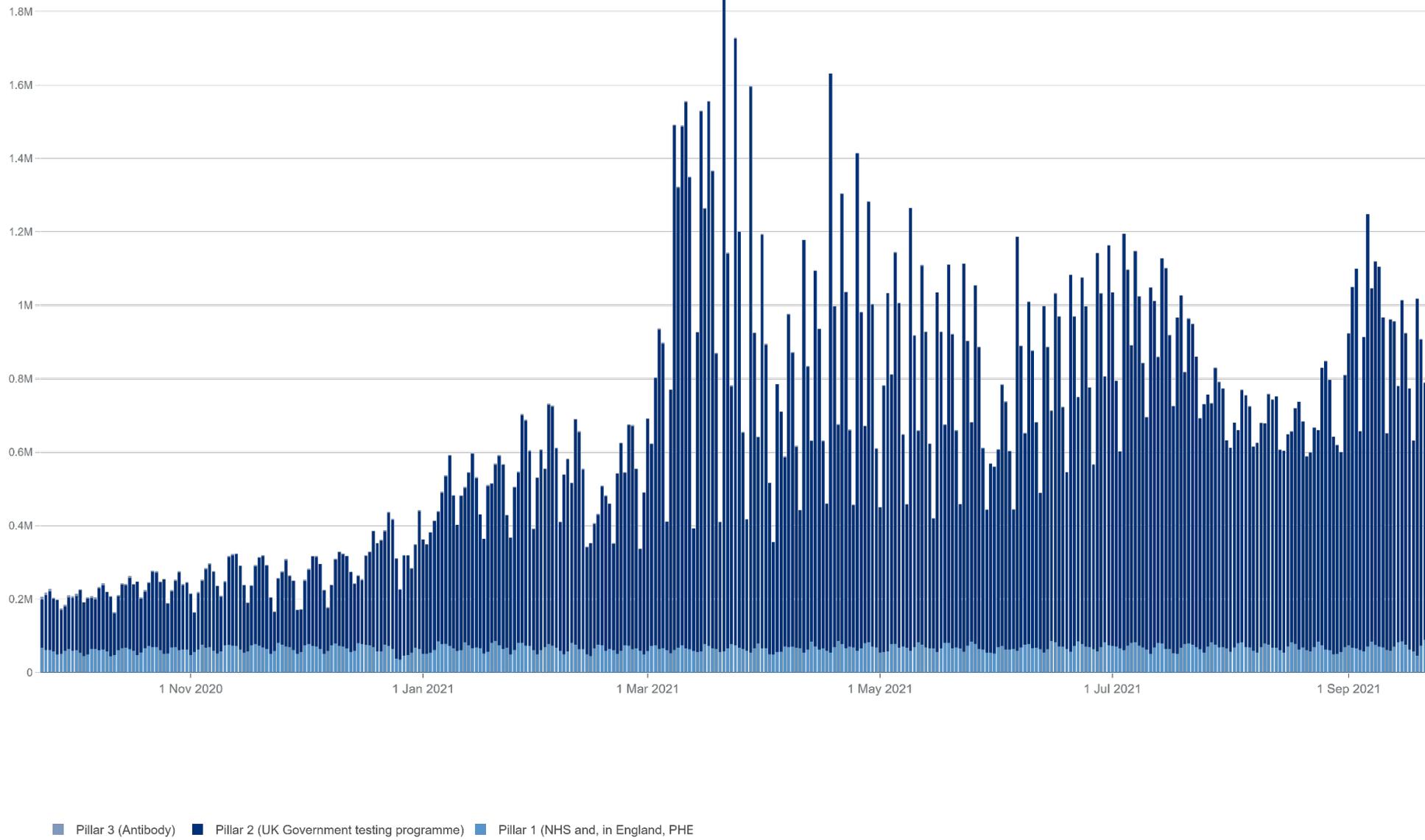
Figure 1. Number of cases in England by specimen date



■ Most recent 5 days (incomplete) ■ Number of cases — Cases (7-day average)

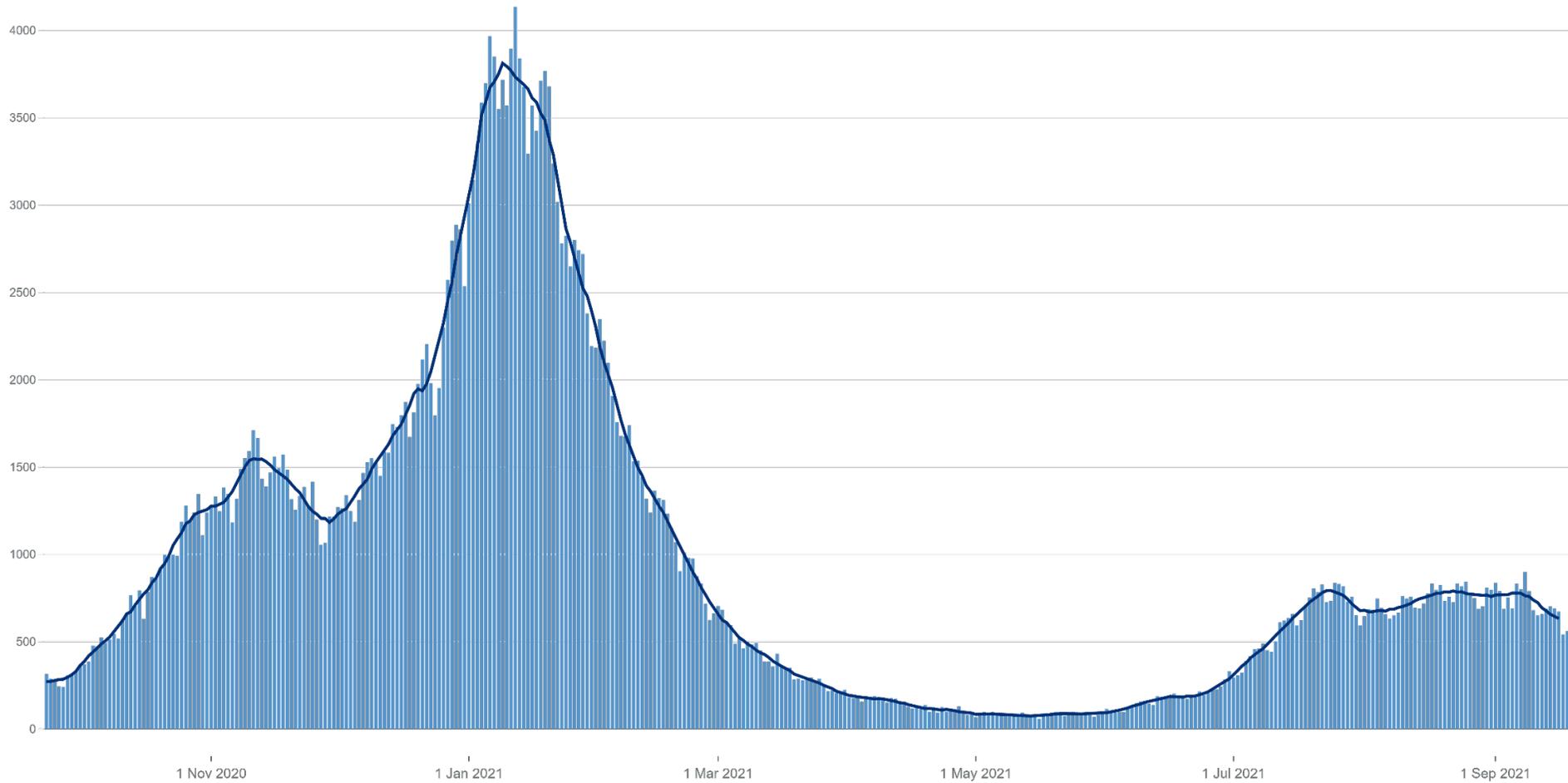
Source: [Coronavirus UK summary](#)

Figure 2. Number of Covid 19 tests conducted in England



Source: [Coronavirus UK summary](#)

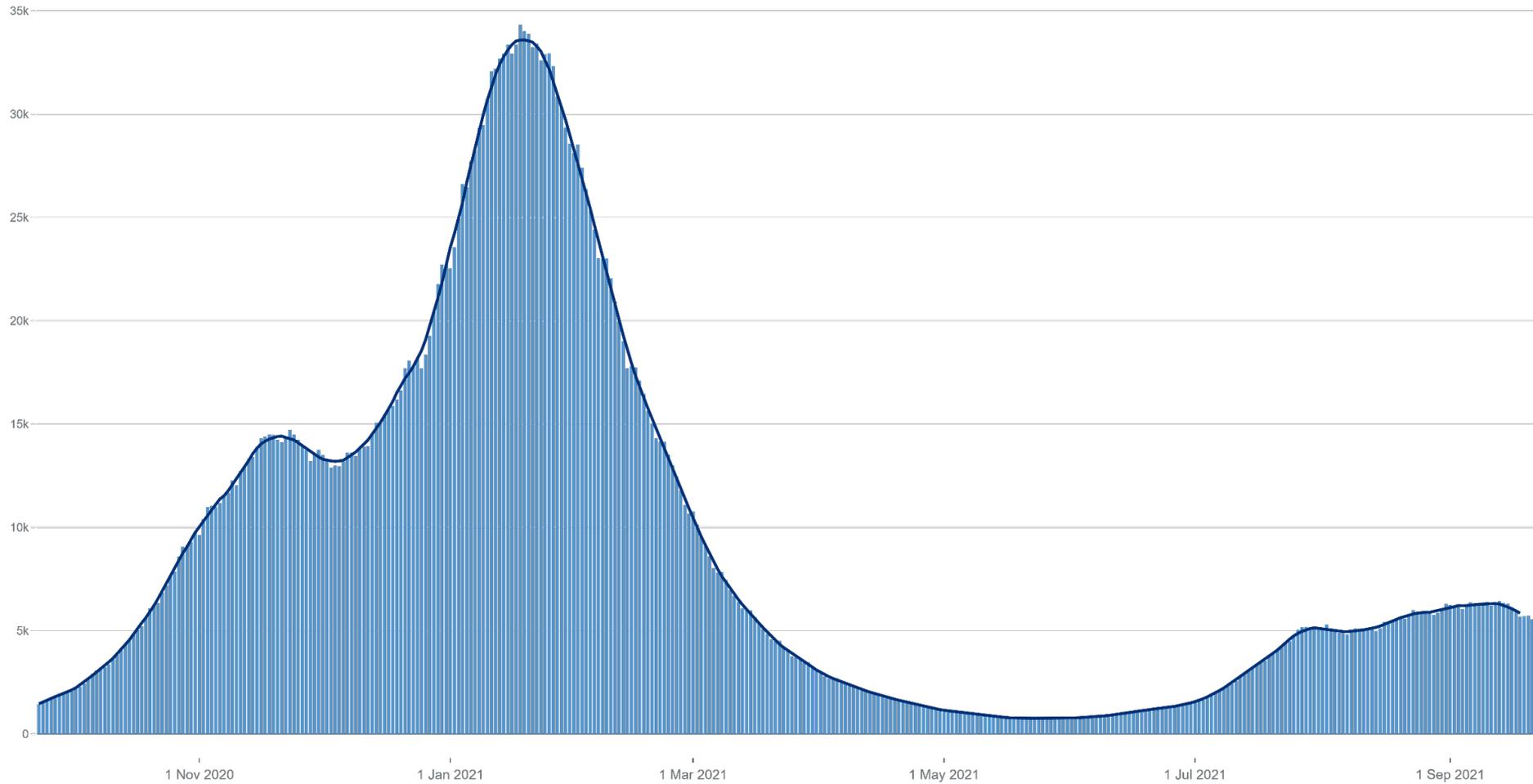
Figure 3. Number of patients admitted to hospitals in England



■ Admissions — Admissions (7-day average)

Source: [Coronavirus UK summary](#)

Figure 4. Number of patients in hospitals in England



■ COVID-19 patients — COVID-19 patients (7-day average)

Source: [Coronavirus UK summary](#)

High level summary

Table 1.

English region	Individuals tested per day per 100,000 population: 7-day moving average	Individuals tested per day per 100,000 population: 7-day change	Percentage individuals test positive: 7-day moving average	Percentage individuals test positive: 7-day change	Case rate per 100,000 population, all ages: 7-day moving average	Case rate per 100,000 population, all ages: 7-day change	Case rate per 100,000 population aged 60 years and over: 7-day moving average	Case rate per 100,000 population aged 60 years and over: 7-day change	Case rate per 100,000 population aged 17 to 21: 7-day moving average	Case rate per 100,000 population aged 17 to 21: 7-day change	Newly confirmed cases: Last 7 days
East Midlands	570	Increase	8.4%	Decrease	329	Decrease	119	Decrease	233	Decrease	16,000
East of England	605	Increase	5.8%	Decrease	241	Decrease	93	Decrease	284	Decrease	15,787
London	665	Decrease	4.2%	Decrease	184	Decrease	98	Decrease	206	Decrease	16,605
North East	559	Decrease	8.2%	Decrease	315	Decrease	202	Decrease	215	Decrease	8,456
North West	607	Increase	7.6%	Decrease	311	Decrease	147	Decrease	226	Decrease	22,899
South East	622	Decrease	5.1%	Decrease	216	Decrease	76	Decrease	182	Decrease	19,340
South West	586	Decrease	4.8%	Decrease	196	Decrease	83	Decrease	172	Decrease	11,061
West Midlands	581	Increase	7.7%	Decrease	305	Decrease	128	Decrease	239	Decrease	18,154
Yorkshire and Humber	522	Decrease	8.5%	Decrease	303	Decrease	163	Decrease	217	Decrease	16,737
England	634	Increase	6.0%	Decrease	258	Decrease	116	Decrease	220	Decrease	145,910

Data for positive cases with specimen dates between 11 September 2021 and 17 September 2021. Compared to the equivalent figure as of 10 September 2021.

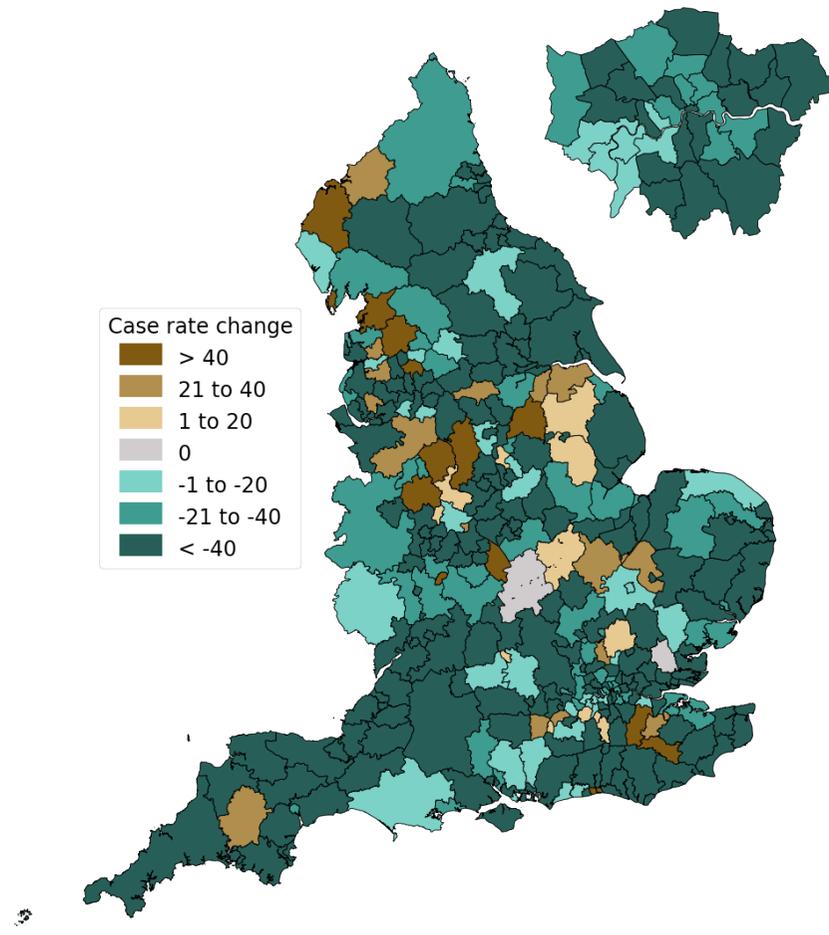
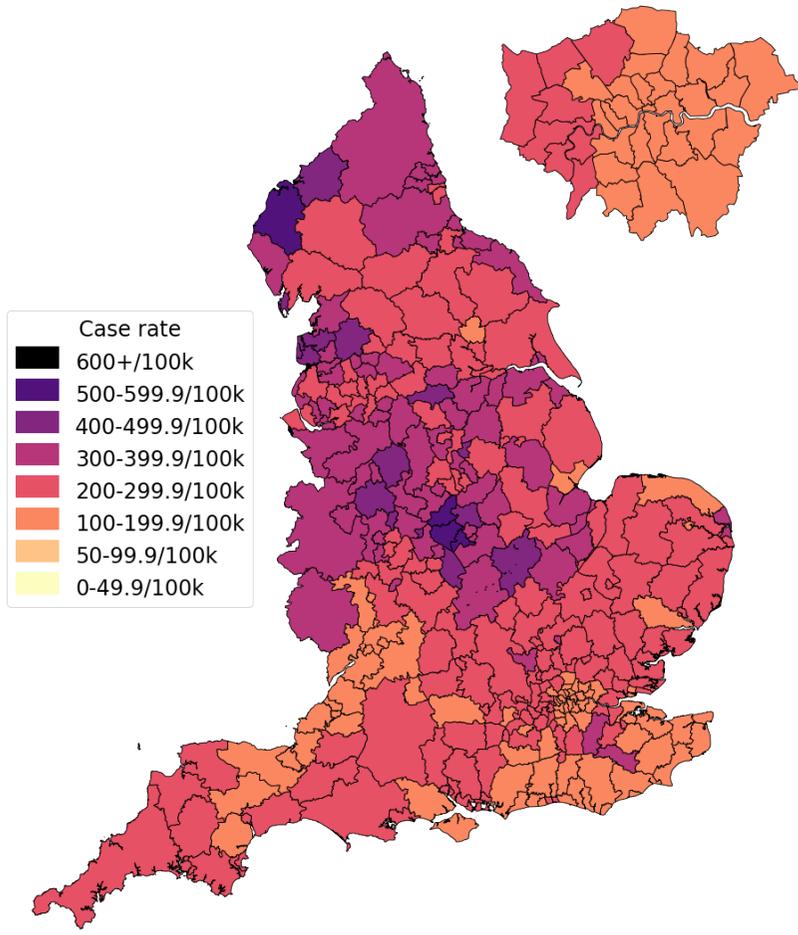
Table 2. Data definitions

Term	Definition
Weekly case rate	Total number of confirmed cases in the most recent 7 day period per 100,000 individuals
Individuals PCR tested per day per 100,000 (7-DMA)	Number of individuals PCR tested per 100,000 population
Percentage PCR individuals test positive (7-DMA)	Percentage of individuals tested with specimen dates in the most recent 7-day period who were positive for SARS-CoV-2

Figure 5. Weekly case rate and rate of change per 100,000 population by local authority

Weekly case rates per 100,000 population by local authority for all ages
11 Sep to 17 Sep 2021

Absolute change per 100,000 population by local authority for all ages
04 Sep to 10 Sep 2021 and 11 Sep to 17 Sep 2021

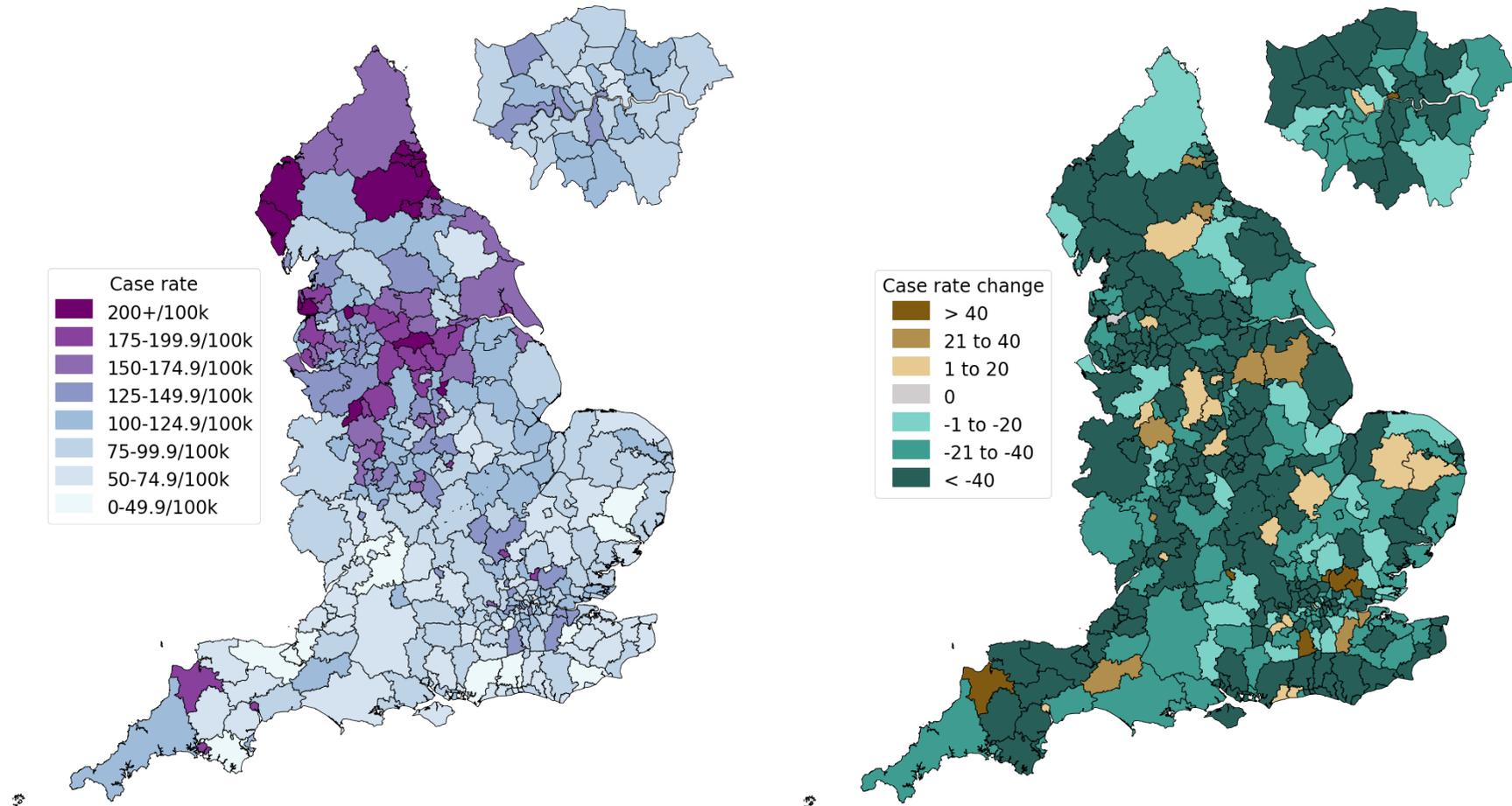


Data from SGSS; Pillar 1 and 2 testing. Contains National Statistics data, including 2020 population estimates. Figure by Joint Biosecurity Centre © Crown copyright and database right 2021.

Figure 6. Weekly case rate and rate of change per 100,000 population by local authority in over-60s only

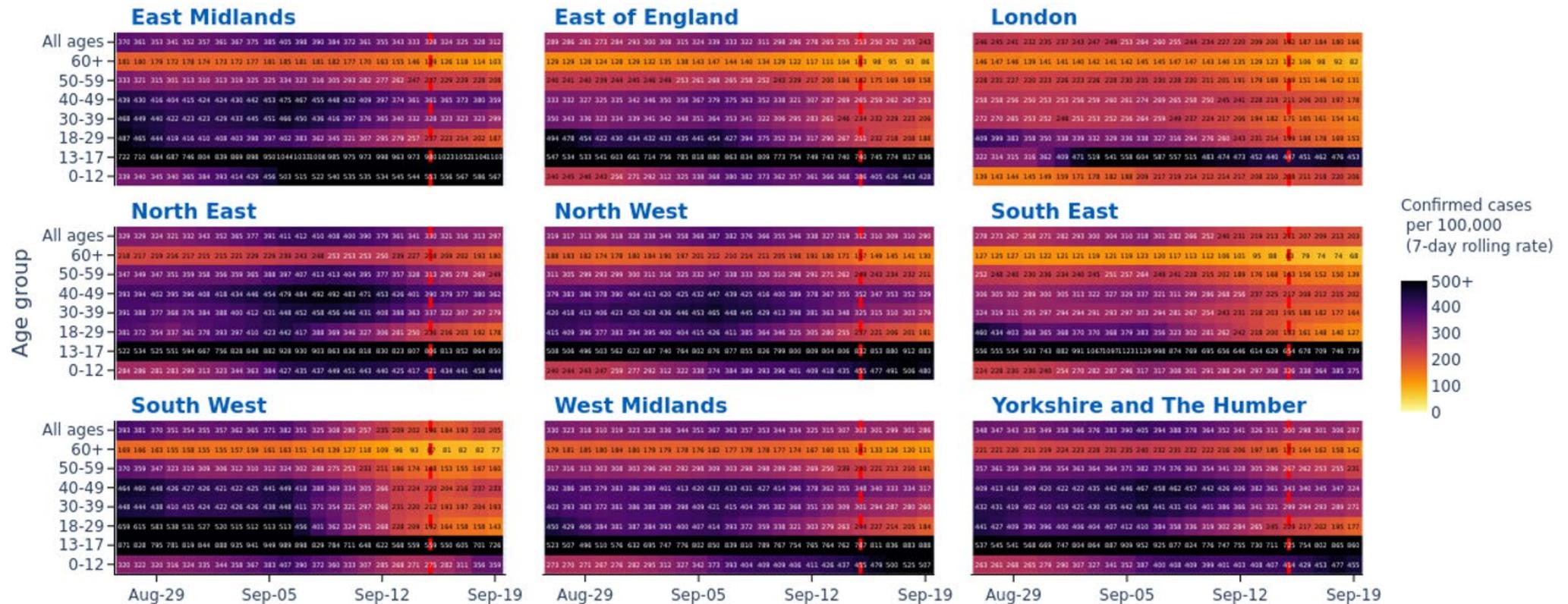
Weekly case rates per 100,000 population by local authority for ages 60+
11 Sep to 17 Sep 2021

Absolute change per 100,000 population by local authority for ages 60+
04 Sep to 10 Sep 2021 and 11 Sep to 17 Sep 2021



Data from SGSS; Pillar 1 and 2 testing. Contains National Statistics data, including 2020 population estimates. Figure by Joint Biosecurity Centre © Crown copyright and database right 2021.

Figure 7. Case rate by age group and England regions: data from 27 August to 19 September 2021



Source: SGSS case data. Produced by the Joint Biosecurity Centre. The red dashed line on the heatmap shows the last 4 days where data may be incomplete due to reporting delays and removal of LFDs without accompanying negative PCR results. Please consider this data provisional.

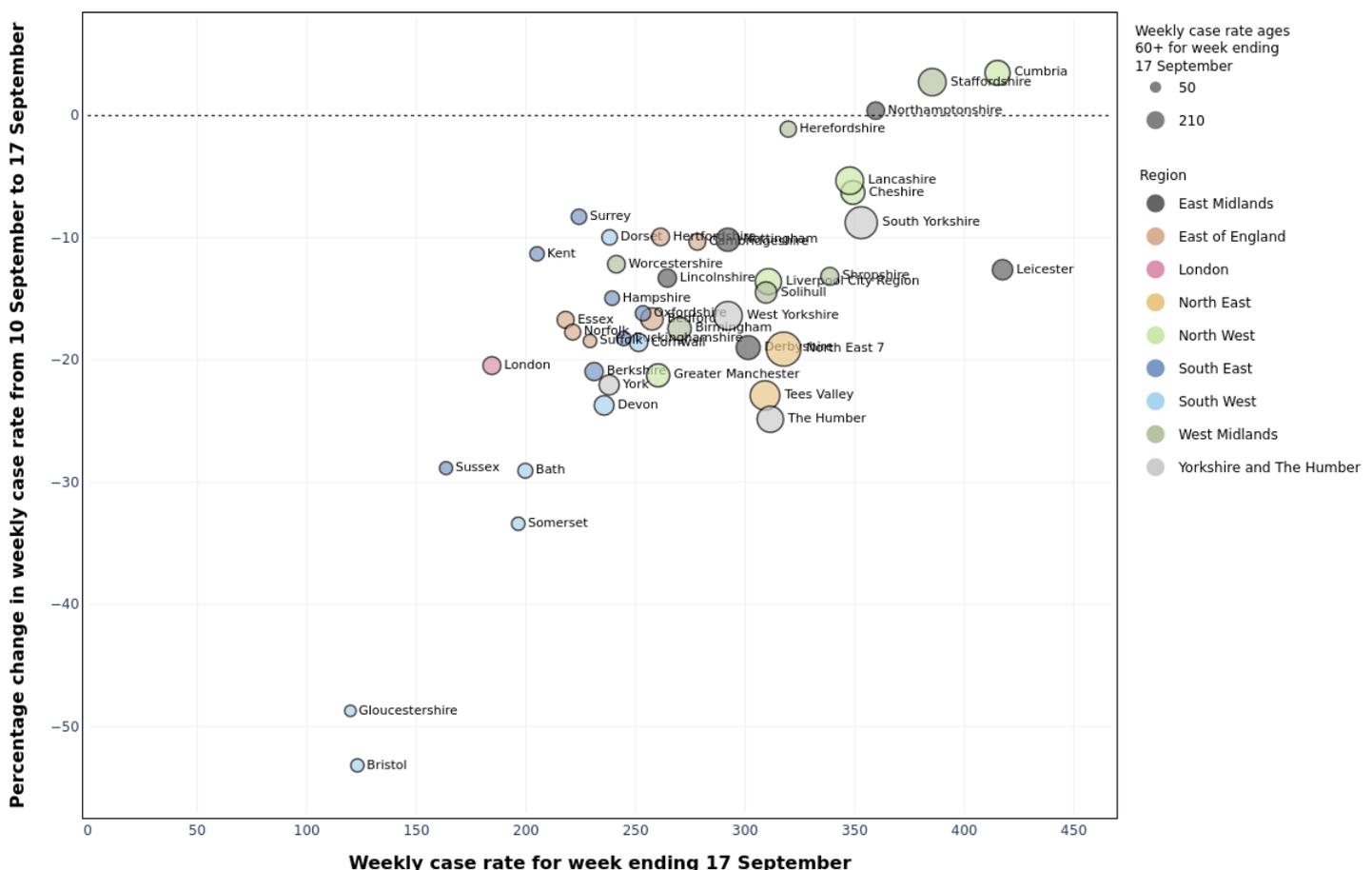
Figure 8. Percentage change in weekly case rates by local authority (17 September versus 10 September comparison)

The chart below shows weekly case rates by area as of 17 September 2021 compared to the percentage change in weekly case rates compared to previous week by area.

The horizontal axis plots the most recent weekly case rate per 100,000 people, and the vertical axis plots the percentage change in weekly case rate from the week before. The further to the right the bubble, the worse the current case rate picture.

The size of each bubble is proportional to the most recent case rate per 100,000 people in those aged over 60 years.

The colour of each bubble indicates which region the area is in.



Data from Public Health England. Figure by Joint Biosecurity Centre. Weekly case rate is defined as the number of cases per 100,000 reported in the seven day period preceding the stated date. Some names have been shortened for legibility.

Data from Joint Biosecurity Centre. Weekly case rate is defined as the number of cases per 100,000 reported in the 7-day period preceding the stated date. Some names have been shortened for legibility.