

Prime Minister's Briefing - 4th January 2021

8:00

## Agenda

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### 1. Dashboard update

(a) Infection update: National and Regional

(b) NHS & Deaths

(c) Care Homes

(d) Education

(e) Mobility & Compliance

(f) International

### 2. NHS

**England: Official estimate of percentage testing positive in the community.** Official ONS reported estimates of the percentage of people who would currently test positive for COVID-19 in England saw a slight increase from 1.18% for the period 10 Dec to 18 Dec to 1.47% for the period 17 Dec to 23 Dec.

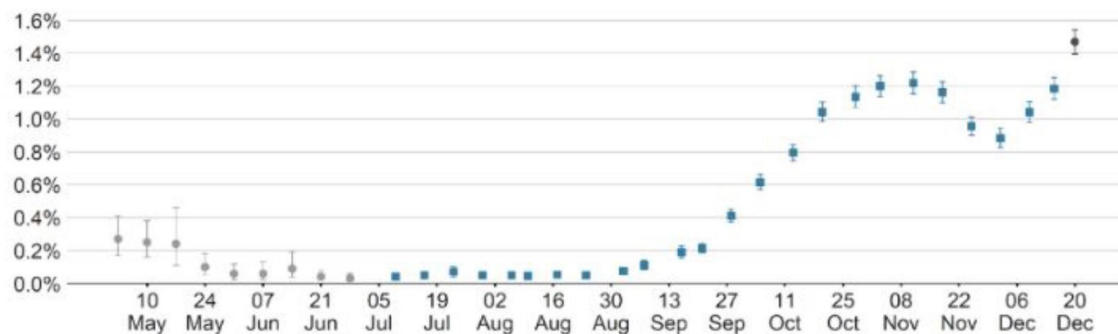
**MODERATE CONFIDENCE** Established survey

B-01 Data last updated 17:24, 29-Dec

### Percentage of people testing positive for COVID-19 in England

Official Estimates

◆ 14-day weighted estimates ◆ latest estimate ◆ modelled weekly estimates



The point estimates and error bars indicated on the chart represent the official estimates reported in previous weeks based on the best information and methods at each point in time.

Data from 03 May to 20 December 2020

#### More information

These are official ONS reported estimates of the percentage of people testing positive in the community. Incidence data can also be selected in the chart.

**E&W: Percentage of people testing positive for the virus by region. In the most recent week, the percentage of people testing positive has continued to increase sharply in London where rates are now highest. The rates have continued to increase in East of England and South East.**

**MODERATE CONFIDENCE** High confidence that true number is within confidence interval, but low numbers of people testing positive in the sample from each region. The population tested for this survey was specifically selected to represent the overall England population. This estimate is based on household testing, and weighting based on characteristics, with no testing in care homes and hospitals.

B-02 Data last updated 13:42, 29-Dec



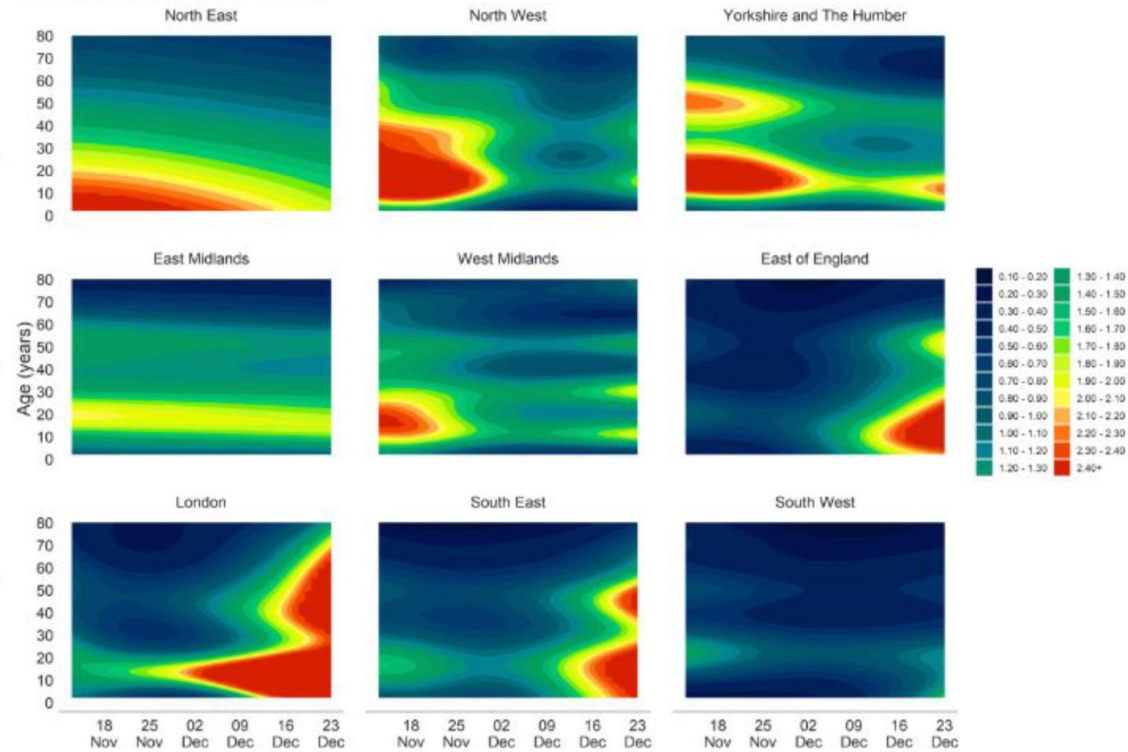
## ONS: Breakdown by region and age

HIGH CONFIDENCE

B-03 Data last updated 16:30, 29-Dec

### Variation in positivity rates over time across all age groups

Modelled daily estimates (fixed scale)



Data from 13 November to 23 December 2020

## ONS: Breakdown by age

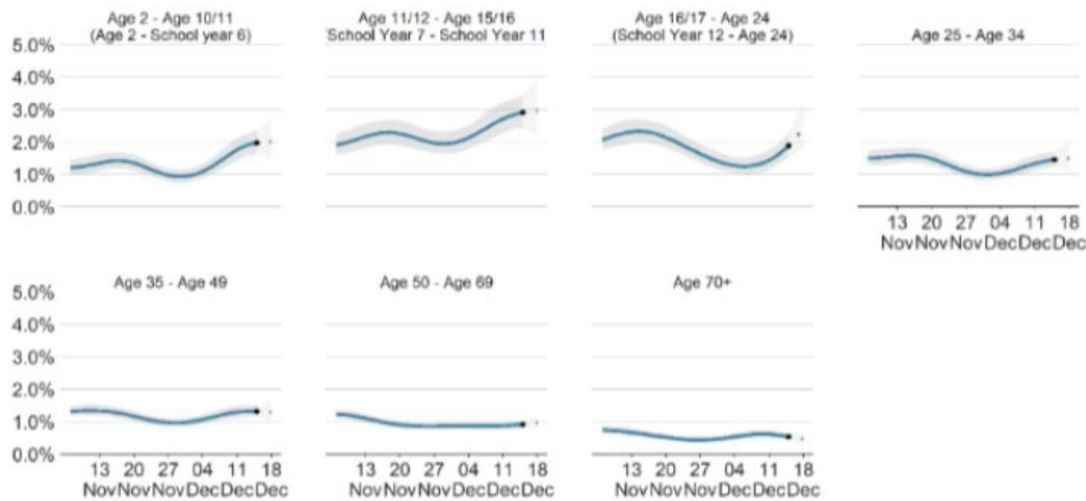
HIGH CONFIDENCE

B-04 Data last updated 09:00, 23-Dec

### Percentage of people testing positive for COVID-19 by age over time

Modelled daily estimates

— Mid-point estimate • Reference day estimate 95% Credible interval

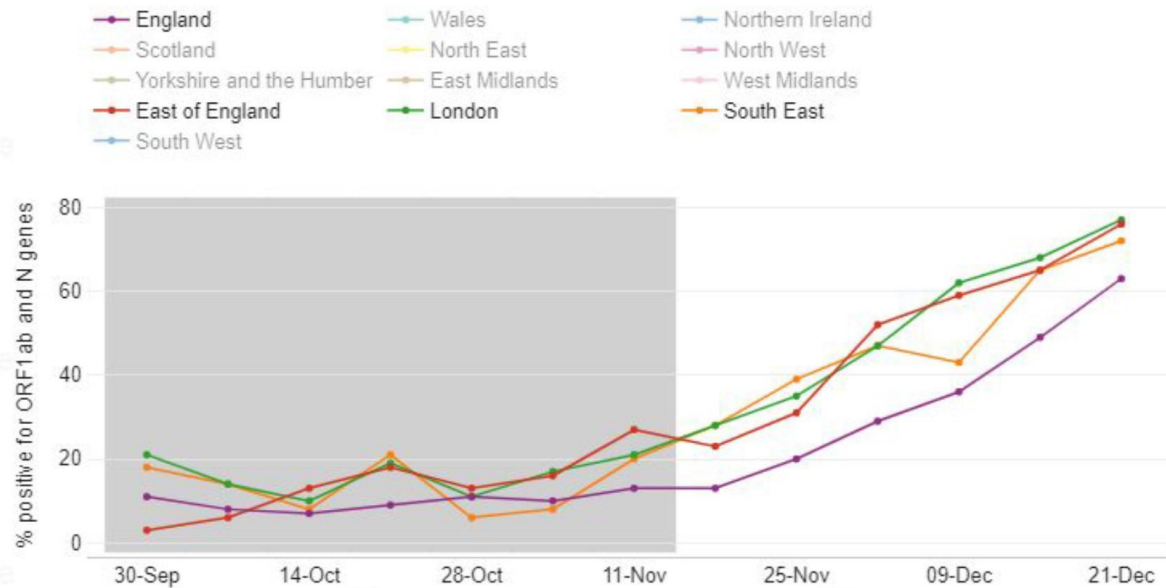


The area marked with the dashed line and light grey area has a lower level of certainty due to lab results still being processed for this period  
Data from 07 November to 18 December 2020, reference region East Midlands.

**Percentage of cases that are positive for ORF1ab and N genes. The percentage of positive tests which are compatible with the new variant (ORF1ab+N positive) has continued to increase in most regions of England and has risen to 63% across England as a whole.**

**MODERATE CONFIDENCE**

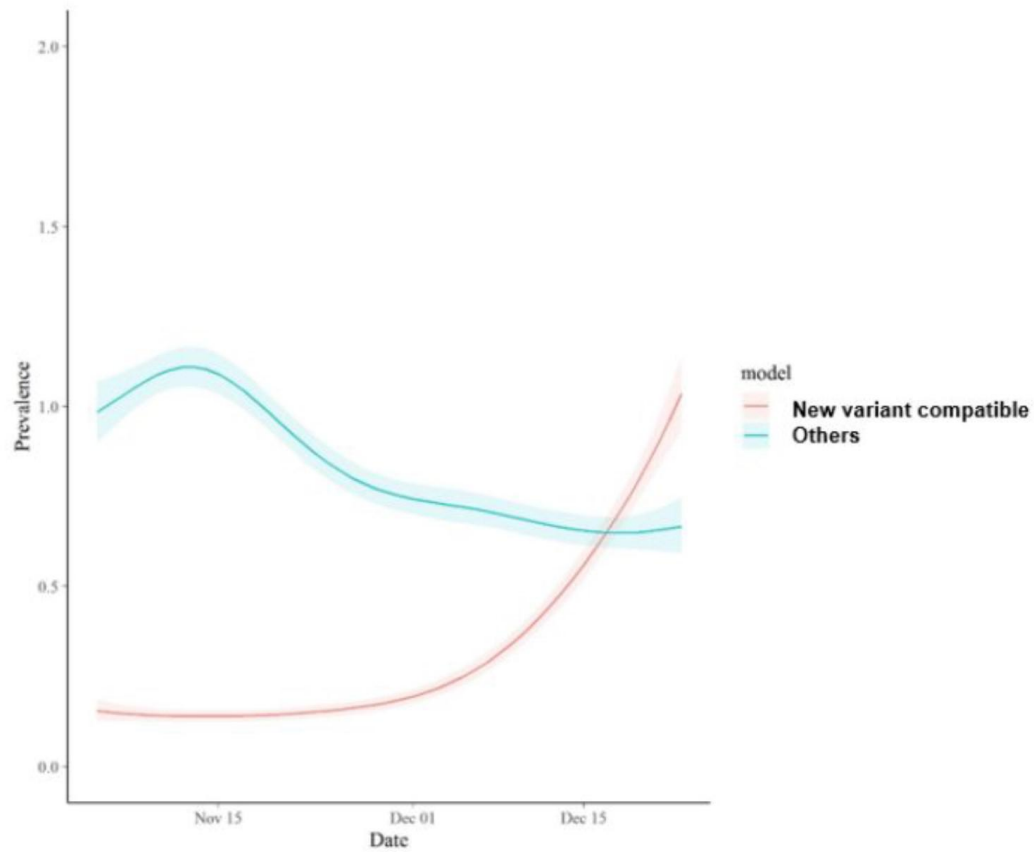
B-05 Data last updated 14:52, 29-Dec



## England: New Variant Compatible vs Others

HIGH CONFIDENCE

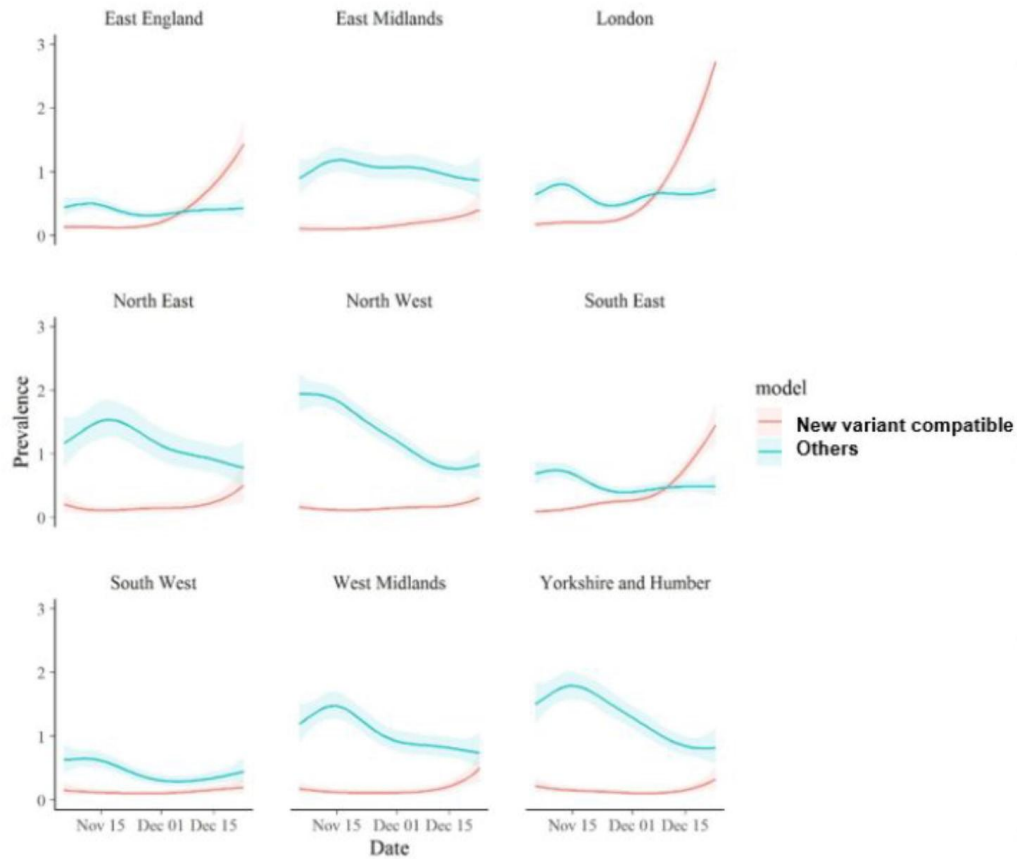
B-06 Data last updated 14:50, 29-Dec



## England Regions: New Variant Compatible vs Others

HIGH CONFIDENCE

B-07 Data last updated 14:50, 29-Dec





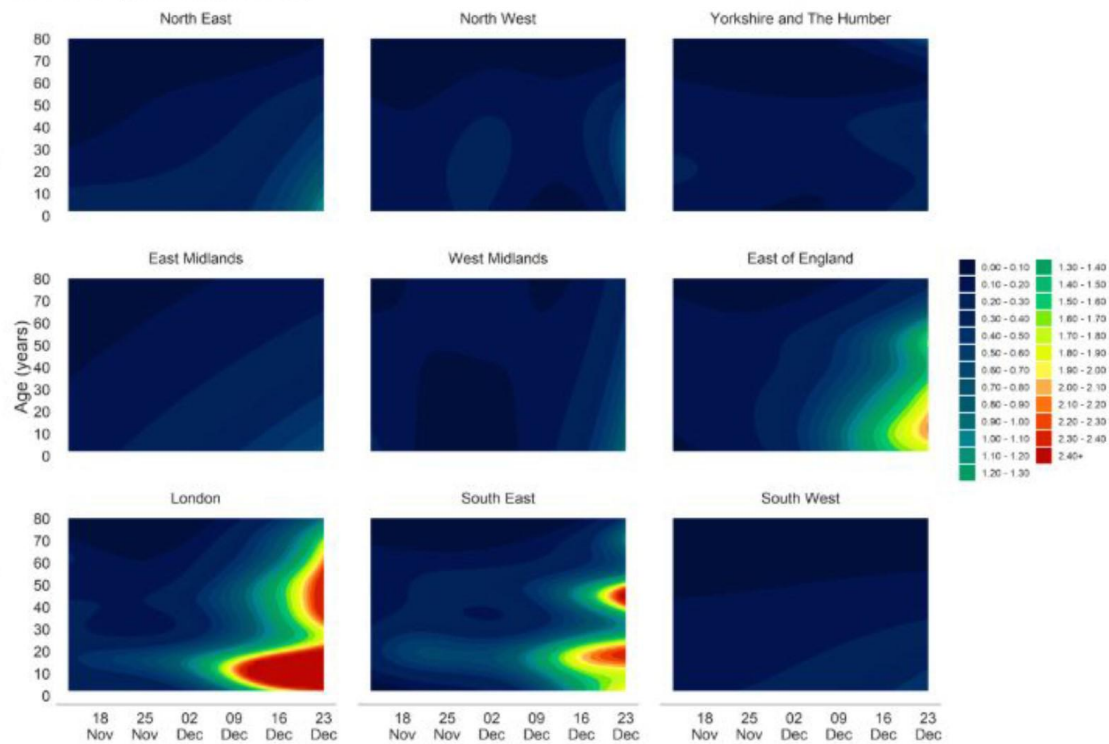
## England Regions: New Variant Compatible Positives Only

HIGH CONFIDENCE

B-08 Data last updated 16:30, 29-Dec

### Variation in positivity rates over time across all age groups

Modelled daily estimates (fixed scale)



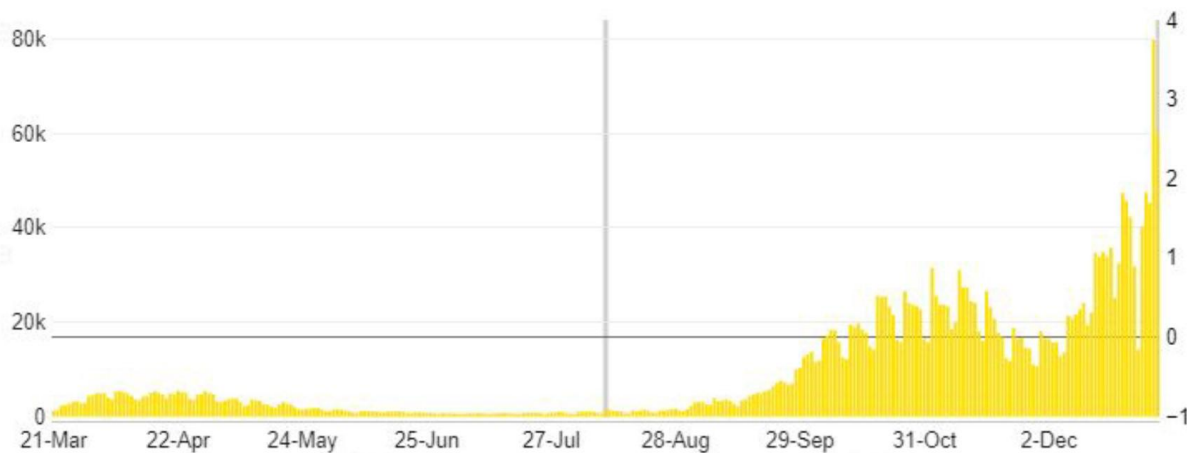
Data from 13 November to 23 December 2020

**UK: Daily cases identified by report date. On 03-Jan, 54,990 cases were newly reported, a 80% increase from 27-Dec.**

**MODERATE CONFIDENCE** Subject to revision.

B-09 Data last updated 15:01 03-Jan

- ..... Positivity Rate (England) - 7 day moving average
- ..... 7 day moving average - newly identified cases specimen day [not a trendline]
- ..... Newly identified cases per day reported (excluding pillar 3)
- Newly identified cases by specimen date (excluding pillar 3)



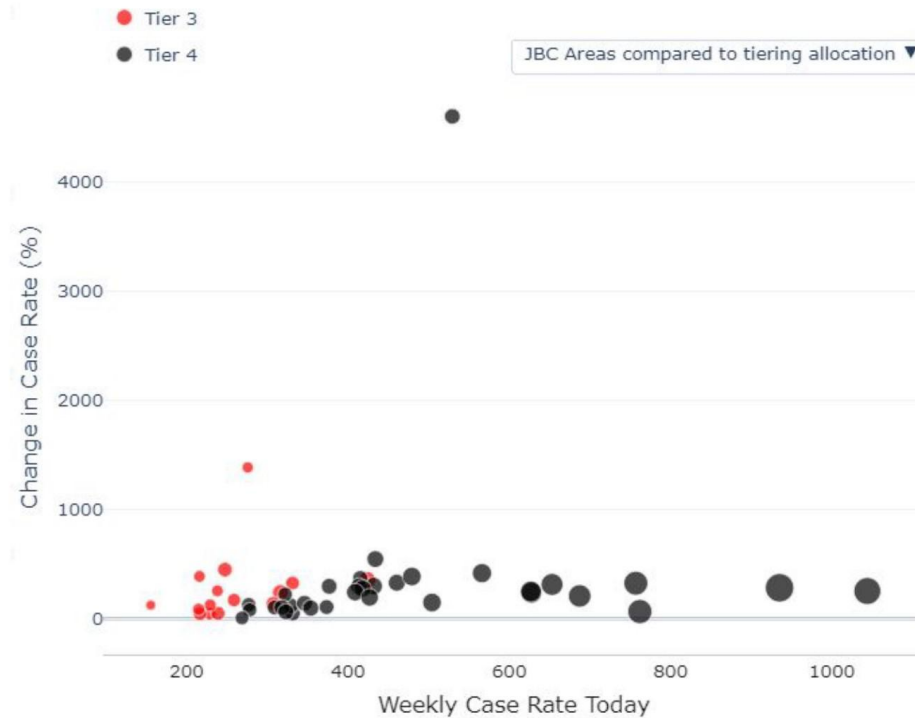
#### More information

The total number of daily new cases contains testing from two channels: in-person tests and posted home/site test kits (across pillars 1 and 2). Serology testing to show if people have antibodies from having had COVID-19 (pillar 3) is not included in the number of cases. Data on the number of tests conducted was not collected prior to 1st April.

**England: Change in case rates.** Almost all JBC areas have seen an increase in case-rates since tiers were decided on 9 Dec. The size of the bubble corresponds to the weekly case rate in the over 60s. In general, the over-60s case rate is considerably lower than the all-ages case rate but as case rates rise the gap between the two narrows. Use the dropdown to view either JBC areas or LTLAs and change the date for comparison on the y-axis. Date of last reliable data: 30th December.

HIGH CONFIDENCE

B-10 Data last updated 18:30, 3-Jan



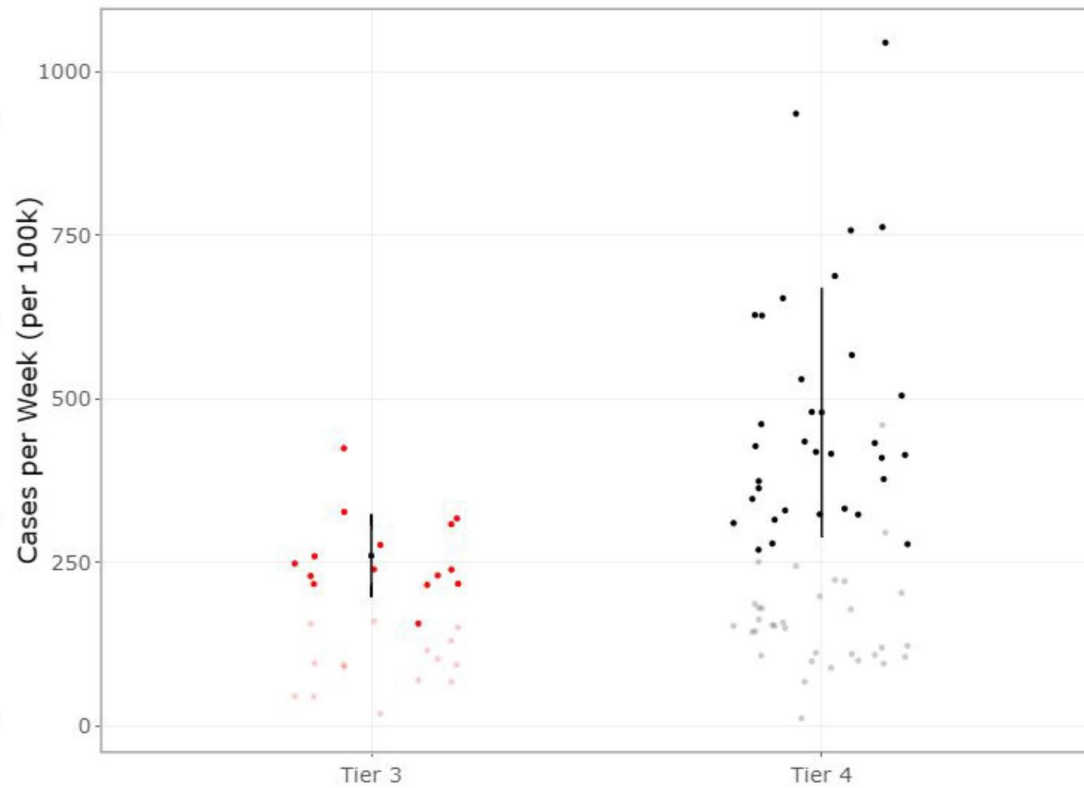
**England: Weekly case rate by different JBC areas. Rolling weekly case rate by JBC Area on the 30-Dec.** The mean case rate was 260 for areas in Tier 3 and 479 for areas in Tier 4. The fainter dots show the case rate when tiering decisions were made on 09-Dec.

HIGH CONFIDENCE

 Cabinet Office

 Cabinet Office

B-11 Data last updated 22:16 03-Jan

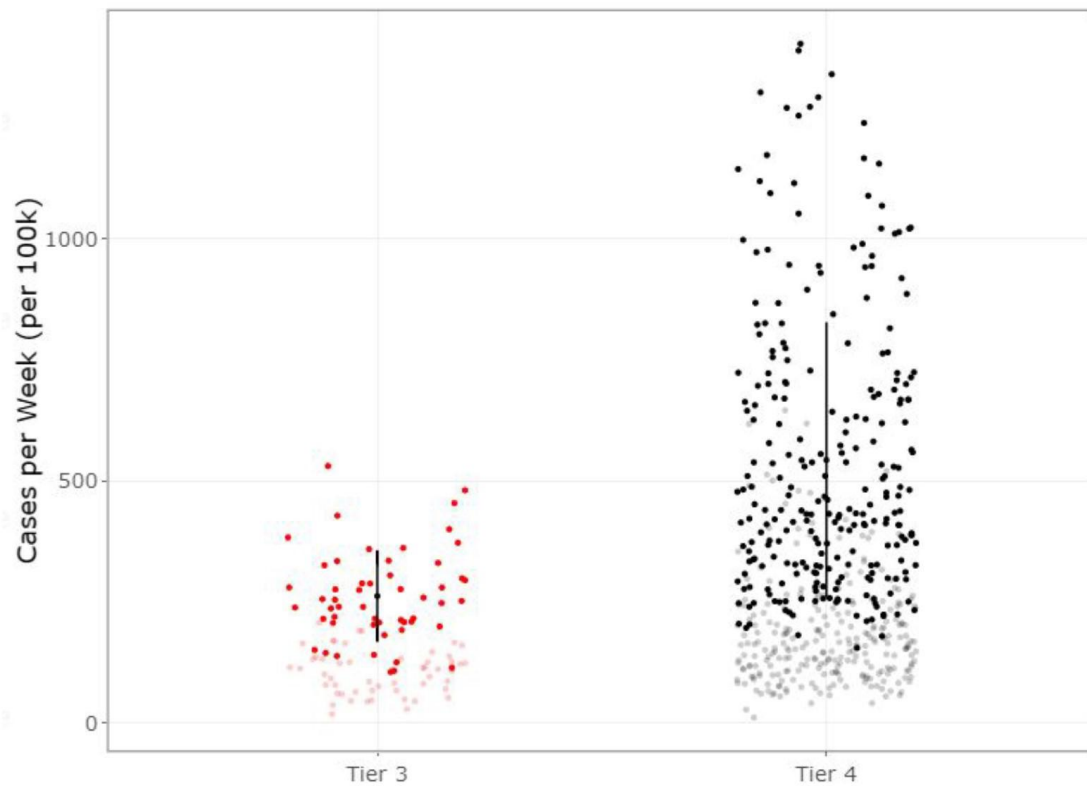


**England: Weekly case rate by Tier on LTLA level. Rolling weekly case rate on LTLA for every Tier on the 30-Dec. The mean case rate was 262 for LTLA in Tier 3 and 543 for LTLA in Tier 4. The fainter dots show the case rate when tiering decisions were made on 09-Dec.**

HIGH CONFIDENCE

 Cabinet Office Cabinet Office

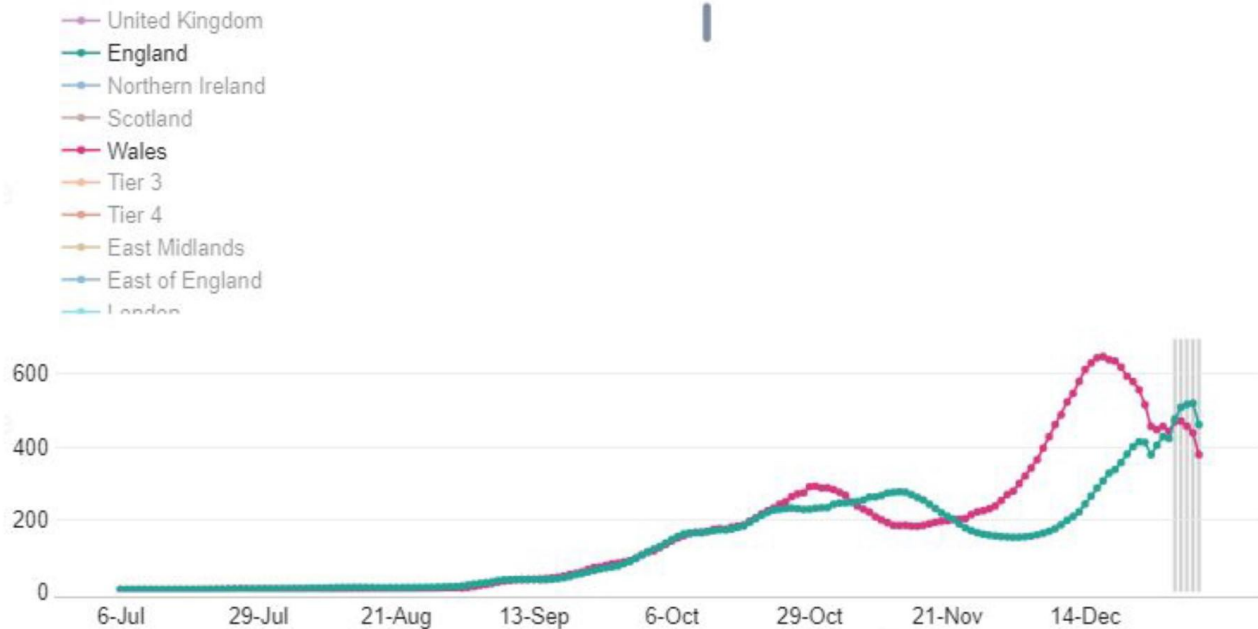
B-12 Data last updated 22:16 03-Jan



**UK: Weekly detected cases per 100k population. The case rate in the UK on 30-Dec was 402.43 per 100,000, an increase from 345.39 per 100,000 the week prior.**

MODERATE CONFIDENCE

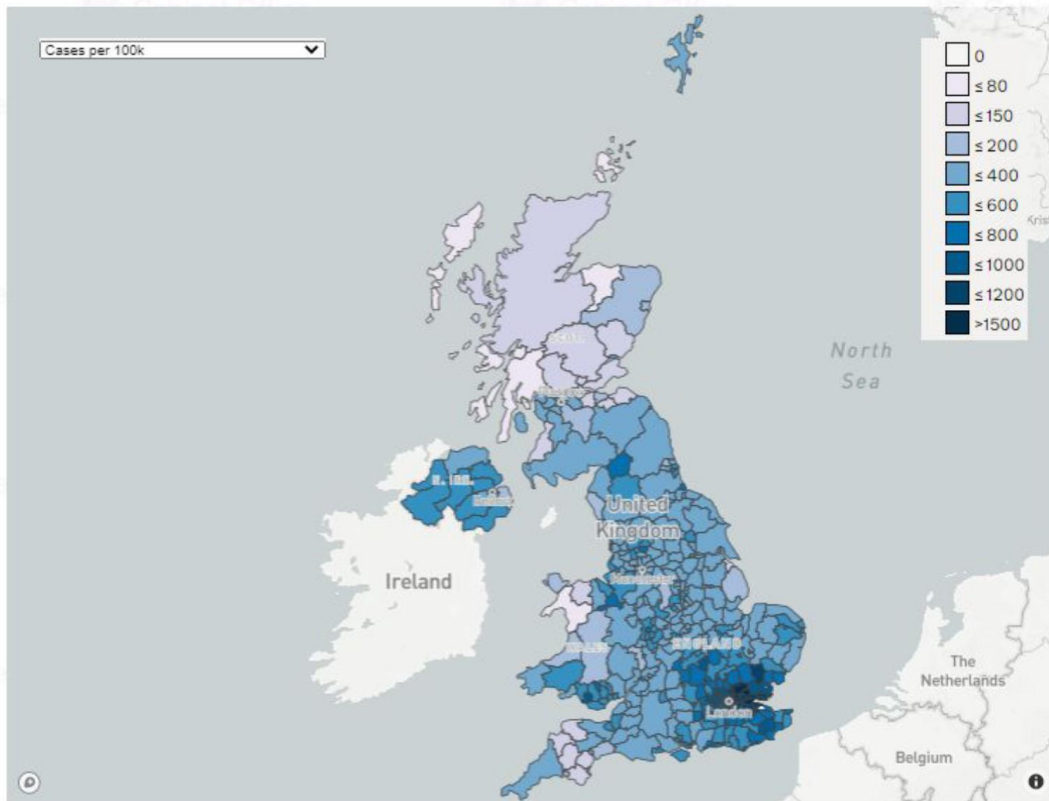
B-13 Data last updated 15:01 03-Jan



**UK: Map of Weekly detected cases per 100k population.** The weekly case rate in the UK was 402.43 per 100,000 population in the week ending 30-Dec. This is an increase of 16.5% compared to one week earlier. The highest case rate is 1402.50 per 100,000, found in Barking and Dagenham.

HIGH CONFIDENCE

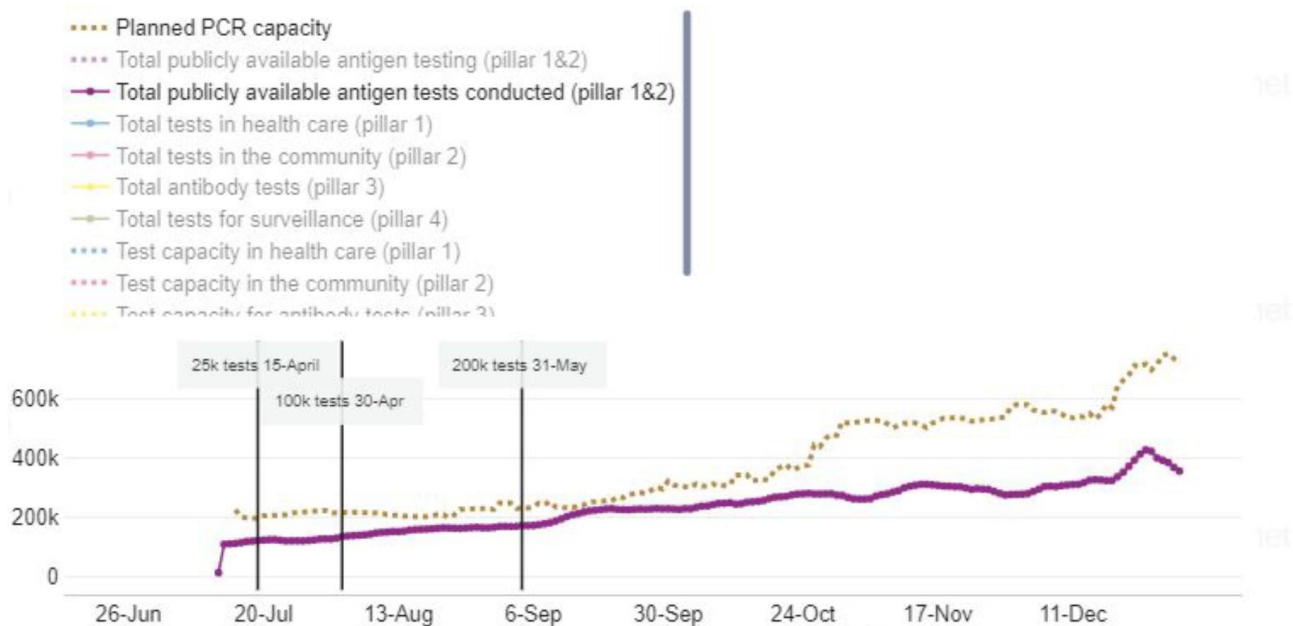
B-14 Data last updated 15:01 03-Jan



**UK: Testing capacity by Pillar (7 day moving average). On 30-Dec, the planned PCR capacity was 729,000.**

**MODERATE CONFIDENCE** Latest data subject to revision.

B-15 Data last updated 15:01 03-Jan



#### More information

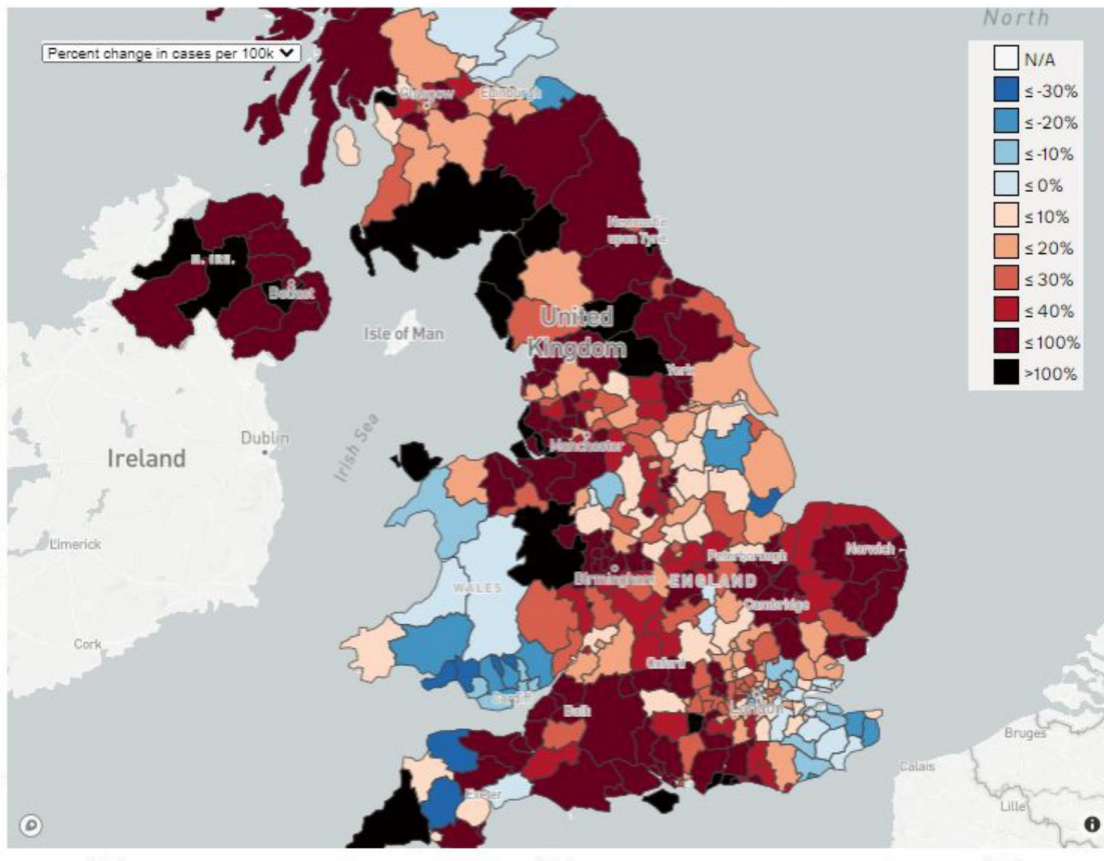
The testing capacity of this data is based on reports from labs on how many tests they can carry out each day taking available resources and staff into account. It does not give any information on limiting factors at the testing sites themselves.



**UK: Change in case rate in the community, by LTLA. On the 30-Dec the weekly case rate in the UK was 402.43 per 100,000, a 16.5% change compared to the previous week.**

HIGH CONFIDENCE

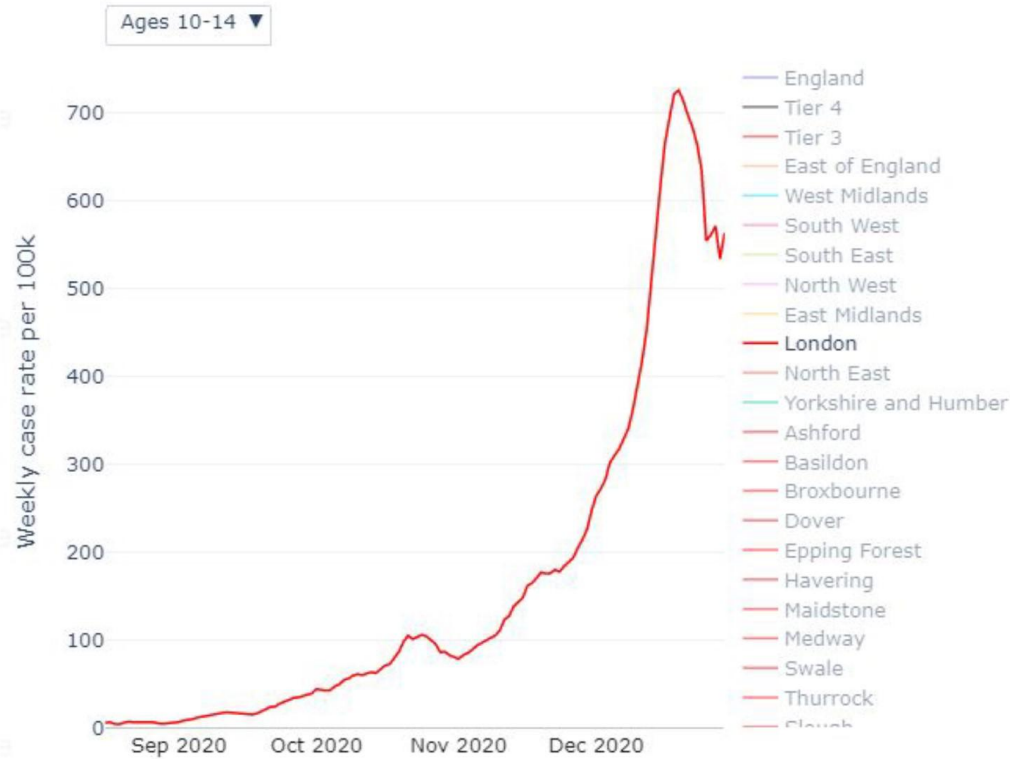
B-18 Data last updated 15:01 03-Jan



**Weekly cases per 100k for ages 60 plus by region. On the 29-Dec, weekly cases for over 60 year olds per 100,000 inhabitants was 307 in England.**

MODERATE CONFIDENCE

B-20 Data last updated 23:00 03-Jan



**UK Vaccine Rollout: Total number of vaccines administered. As of 20th December, 616,933 vaccines had been administered across the UK, with 556,383 having been.**

**MODERATE CONFIDENCE** This data is Moderate Confidence due to the lag in reporting.

B-21 Data last updated 29-Dec



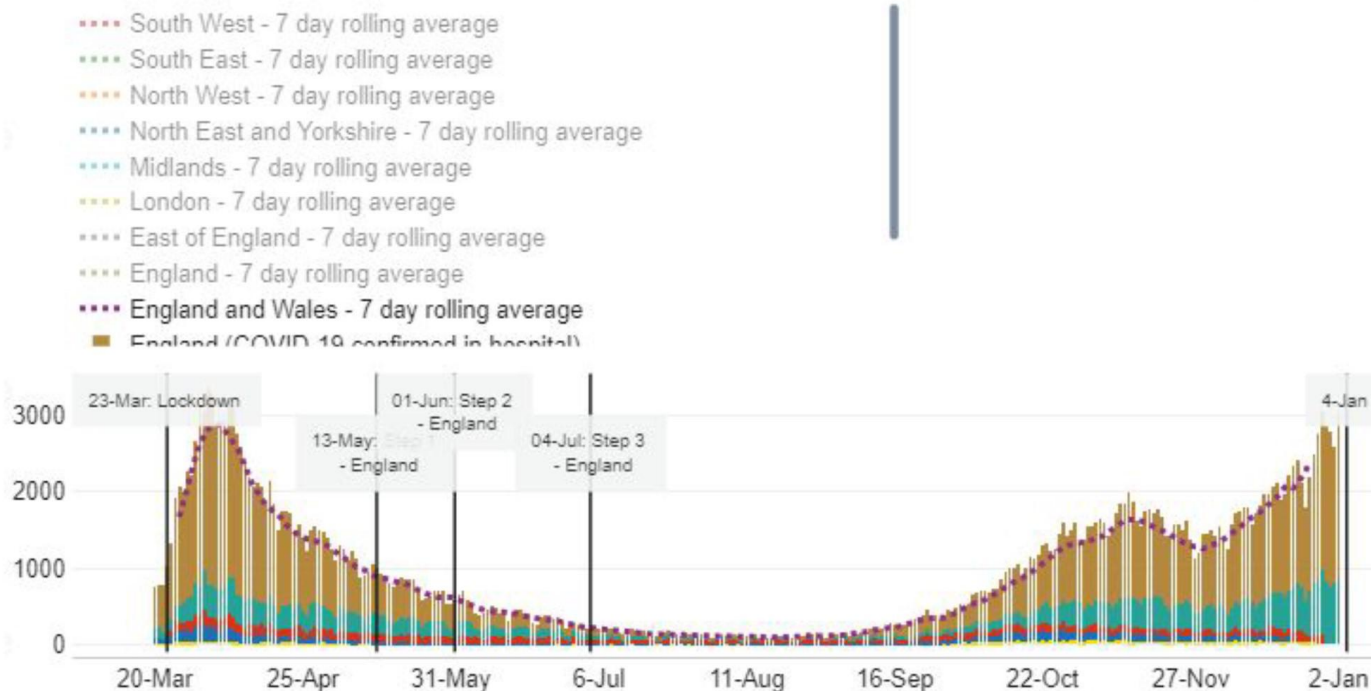
**More information**

- This data describes the first dose provided for the Pfizer BioNTech vaccine.

**England: Daily new COVID-19 hospital admissions.** On 02-Jan there were 3,062 new hospital admissions of patients with COVID-19 in England. This is an increase of 46% over the same day one week before.

**MODERATE CONFIDENCE** Shows an estimate of the number of COVID-19 admissions. Patients diagnosed in hospital with COVID-19 in the last 24 hours are added to the previous day.

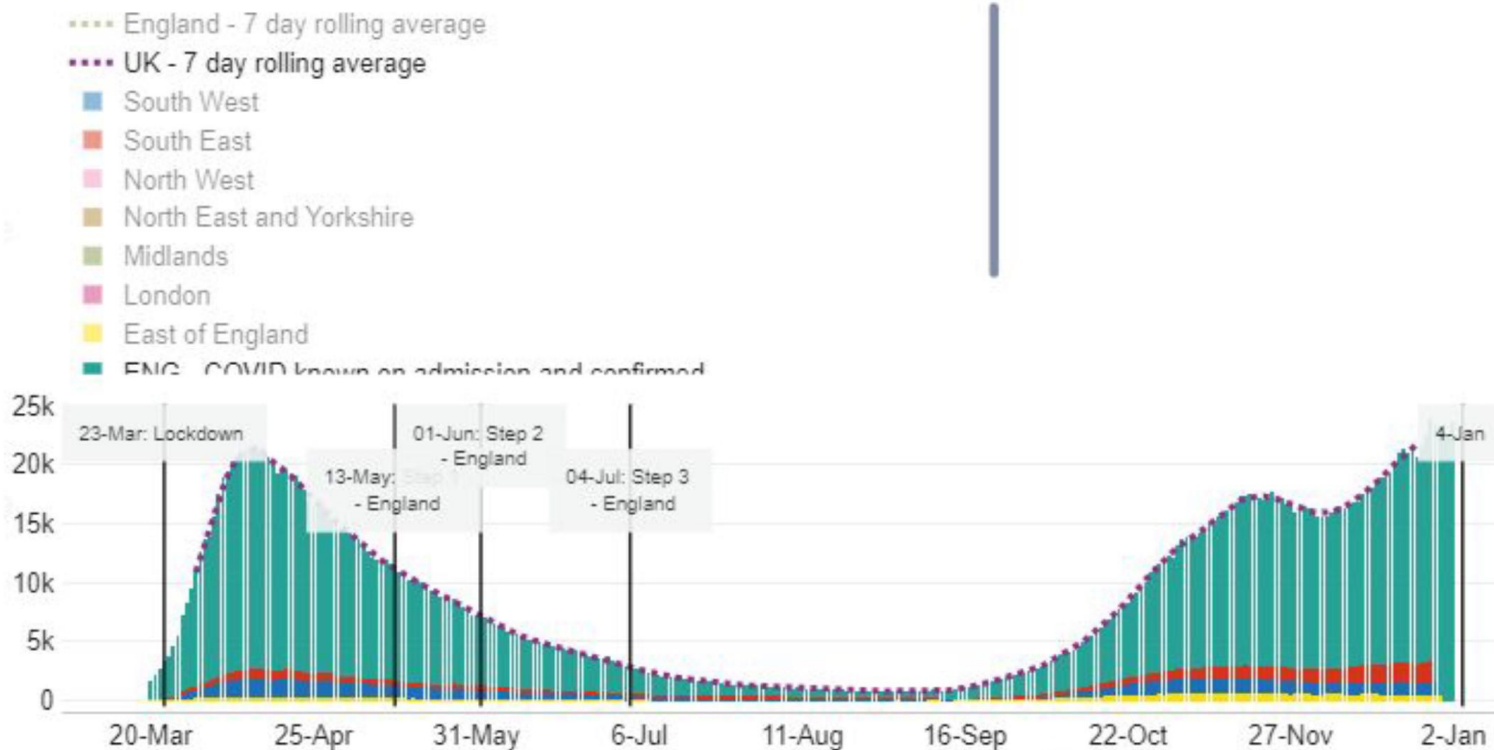
B-22 Data last updated 16:45, 03-Jan



**UK: COVID-19 patients in hospital.** On 28-Dec there were 23,823 patients with COVID-19 in hospital in the UK. This is an increase of 13.5% over the same day one week before.

**MODERATE CONFIDENCE** Shows an estimate of the number of COVID-19 patients in hospital each day.

B-23 Data last updated 16:40, 03-Jan



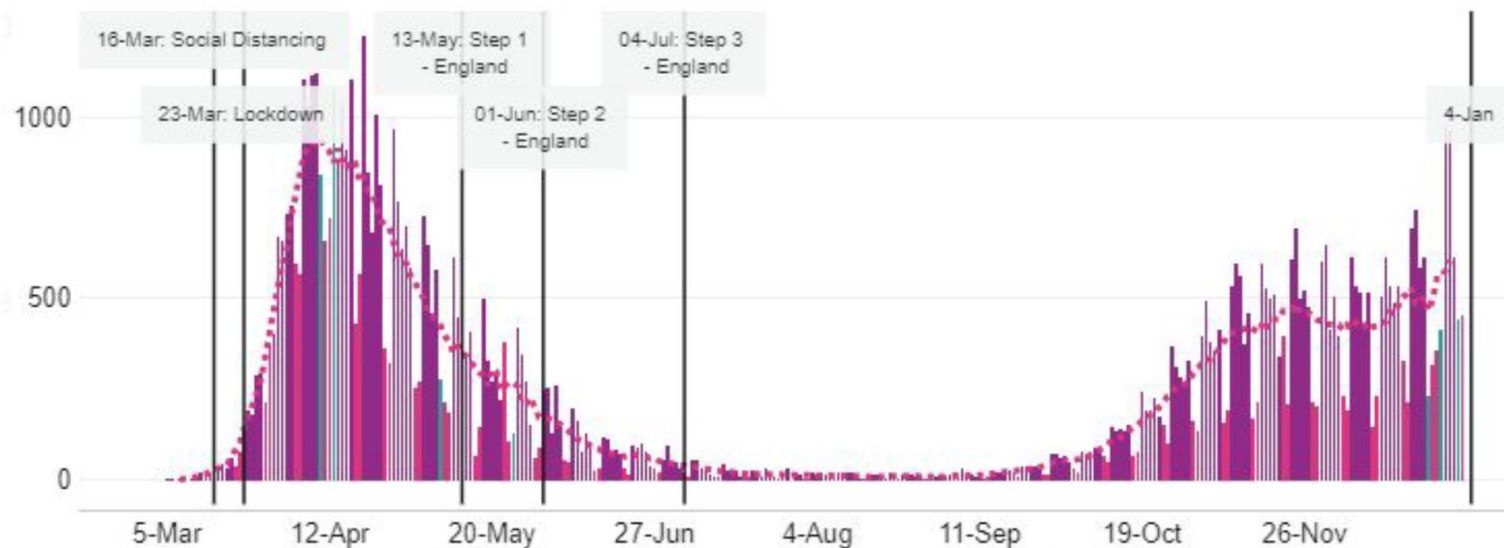


**UK: Daily COVID-19 deaths in all settings. The number of deaths per day increased by 137 from the 26-Dec. The cumulative number of deaths is 75,046.**

**MODERATE CONFIDENCE**

B-24 Data last updated 15:01 03-Jan

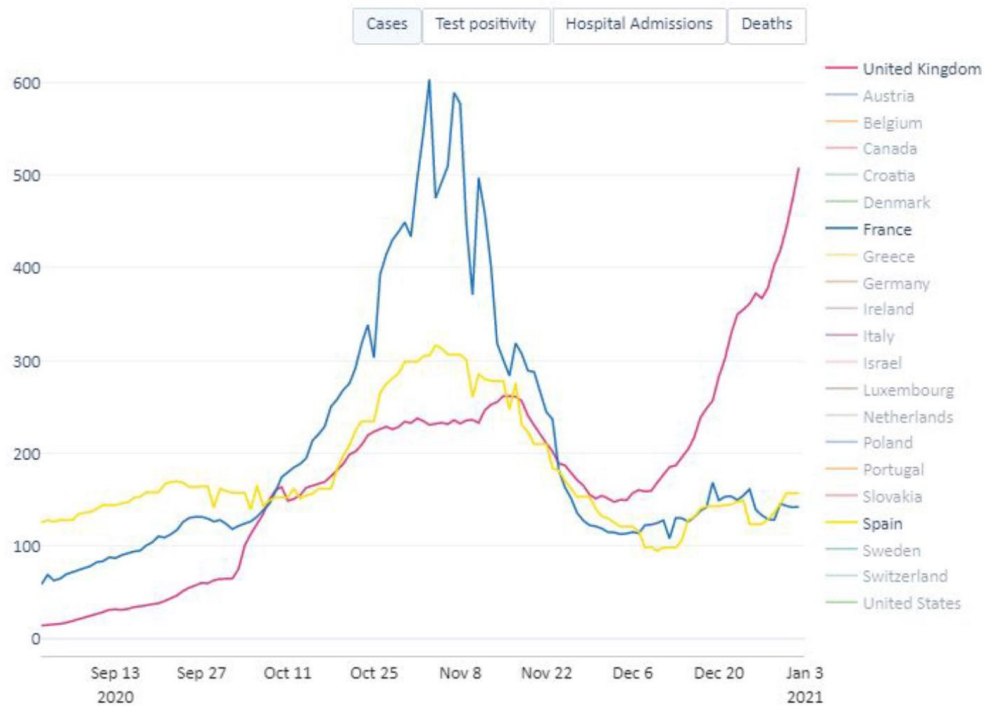
- ..... 7-Day Rolling Average (Wales)
- ..... 7-Day Rolling Average (NI)
- ..... 7-Day Rolling Average (UK)
- Deaths in all settings (weekends)
- Deaths in all settings (weekdays)
- ..... 7-Day Rolling Average (Scotland)
- ..... 7-Day Rolling Average (England)
- Deaths in all settings (bank holidays)



**International: Cases, hospitalisations and deaths. 7-day case, hospitalisation and death rates per 100k. Cases are higher and rising faster in the UK than all comparator countries. Cases are also rising rapidly in Israel and remain high in the Netherlands. Cases have been relatively flat in France, Germany and Spain during December.**

**LOW CONFIDENCE** International reporting differs significantly in terms of the comprehensiveness and timeliness of reported tests, so comparisons are not like-for-like.

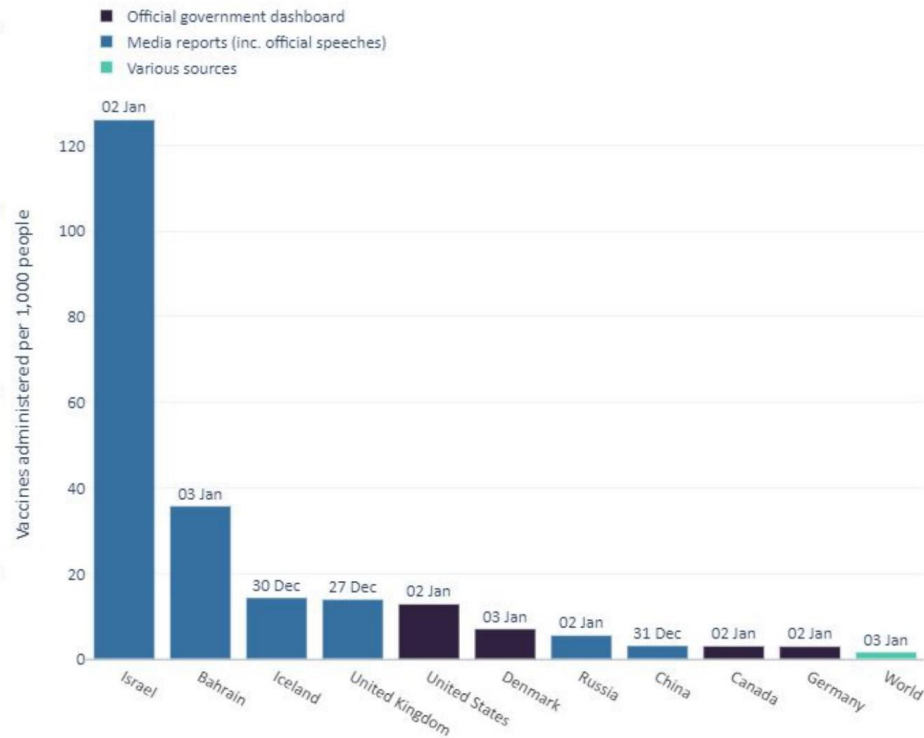
B-30 Data last updated 09:00 04-Jan



**International: Vaccine doses administered per 1000.** The UK has administered a high number of Covid-19 vaccine doses per capita compared to other European comparators. Israel continues to have the fastest rollout, aided by high supply and 24 hour vaccination centres. The latest publicly available data on vaccines administered in the UK is from 29 Dec, since then Israel, Bahrain and Iceland have reported administering more vaccine doses per head.

**LOW CONFIDENCE** Uses various open sources with varying degrees of consistency and reliability, subject to revision, reports occurred on different dates, only includes publicly available data

B-31 Data last updated 09:00, 04-Jan

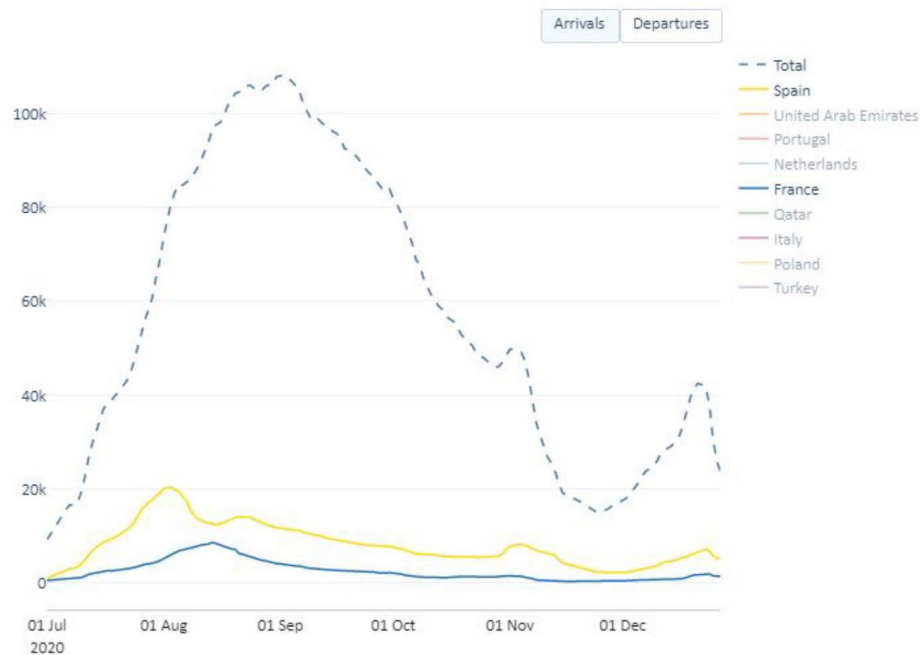




**International: Aviation arrivals and departures by country. 7-day rolling average. There had been a steep rise in air travel through December up to Christmas. This could be a driven combination of relaxed restrictions, travelling for christmas and holiday travel. None of the countries which have seen high volumes of passenger arrivals have higher case rates than the UK.**

**MODERATE CONFIDENCE** Advance passenger information only covers journeys by plane from/to outside the common travel area. Passengers travelling indirectly to the UK will be recorded as arriving from their final port prior to the UK. Data is subject to revision. Departure data is experimental and has not been subject to the same degree of scrutiny and QA as the corresponding arrivals estimates.

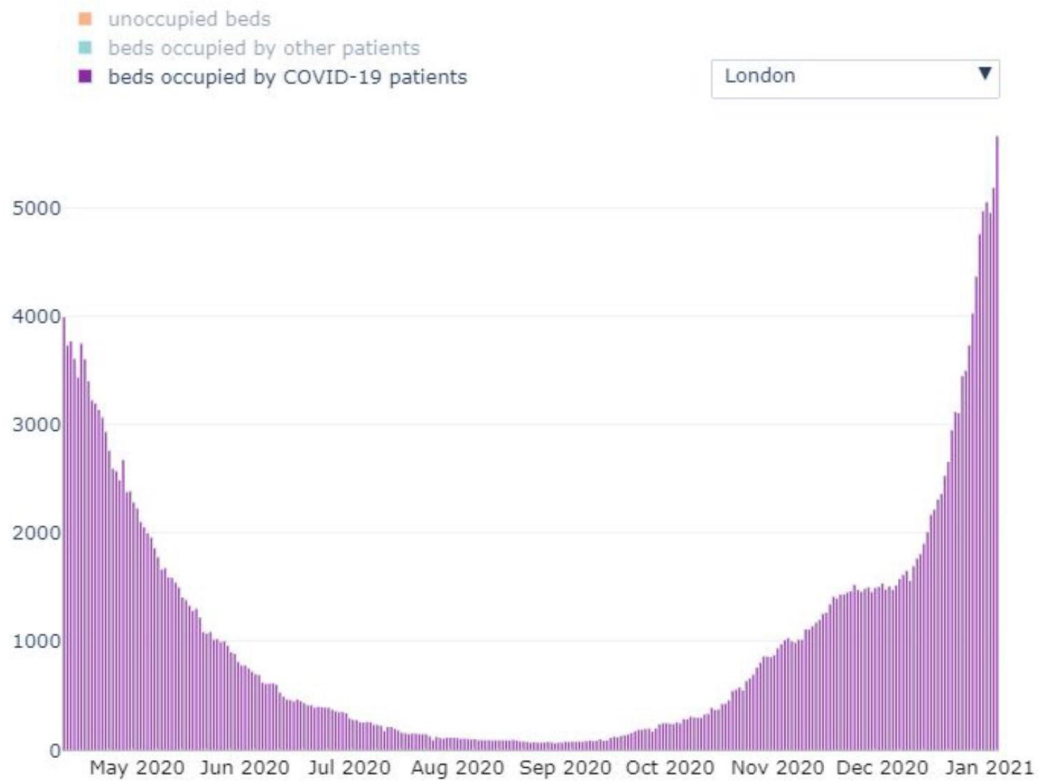
B-32 Data last updated 19:00 29-Dec



**England: COVID care beds (V, O+, O) occupied by region over time. Occupancy of COVID care related beds is rising again in all regions, after flattening out following highs in November.**

**MODERATE CONFIDENCE** New data set constructed by NHS for COVID-19 response which includes all providers.

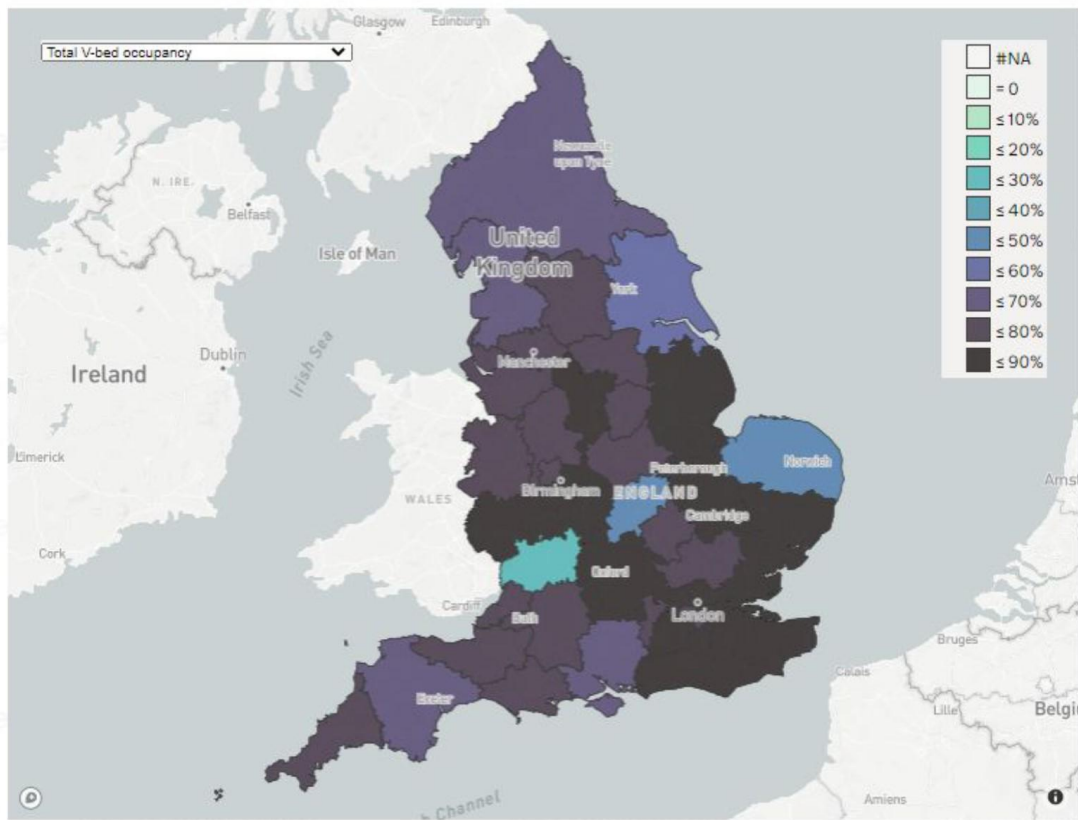
B-33 Data last updated 19:46 03-Jan



**England: Ventilator bed occupancy as a percentage of all V-beds by STP. Birmingham and Solihull is the Sustainability and Transformation Partnership (STP) with the highest rate of total ventilator bed occupancy at 95%.**

**HIGH CONFIDENCE** New data set constructed by NHS for COVID-19 response which includes all providers

B-34 Data last updated 17:10, 03-Jan

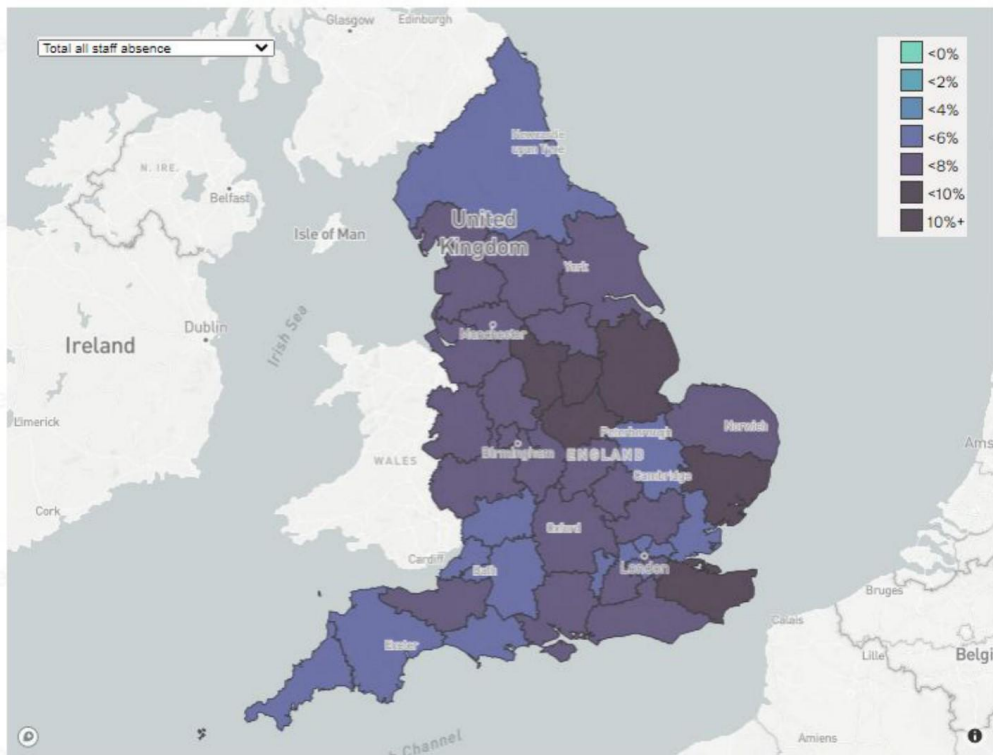


## England: Staff absence by STP.

- The Sustainability and Transformation Partnership (STP) with the highest level of all staff absence is Suffolk and North East Essex at 10%.
- The national average is 6.8%.
- In England 2019 staff absence was 4% on average.

**HIGH CONFIDENCE** New data set constructed by NHS for COVID-19 response which includes all providers

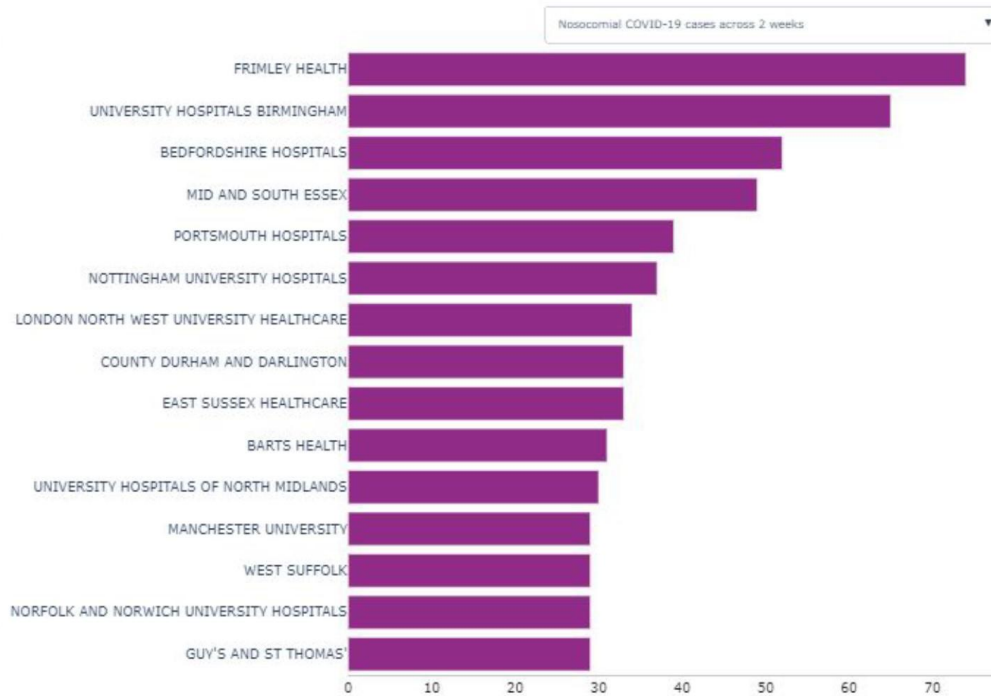
B-36 Data last updated 17:20, 03-Jan



**England: 15 trusts with the most nosocomial infections.** On 01-Jan, Frimley Health had the most nosocomial infections over the last two weeks. East Sussex Healthcare had the highest average percentage of nosocomial infections of admissions and diagnoses for the week ending 01-Jan, the average across England is 4.8%.

**MODERATE CONFIDENCE** New data set constructed by NHS for COVID-19 response which includes all providers

B-37 Data last updated 19:30 03-Jan



**England: Overnight elective activity by STP. Average elective activity in the four weeks to 06-Dec, as a proportion of activity in the equivalent 2019 period. Activity is lower in almost all areas and nationally it is 22% lower than in 2019.**

**HIGH CONFIDENCE** Existing data set provided by NHSE

B-38 Data last updated 20:23, 18-Dec

