



COVID-19 Update

Dr Mark Cunningham-Hill
Medical Director NEBGH

Monday, August 9th 2021

Reflections of COVID travel

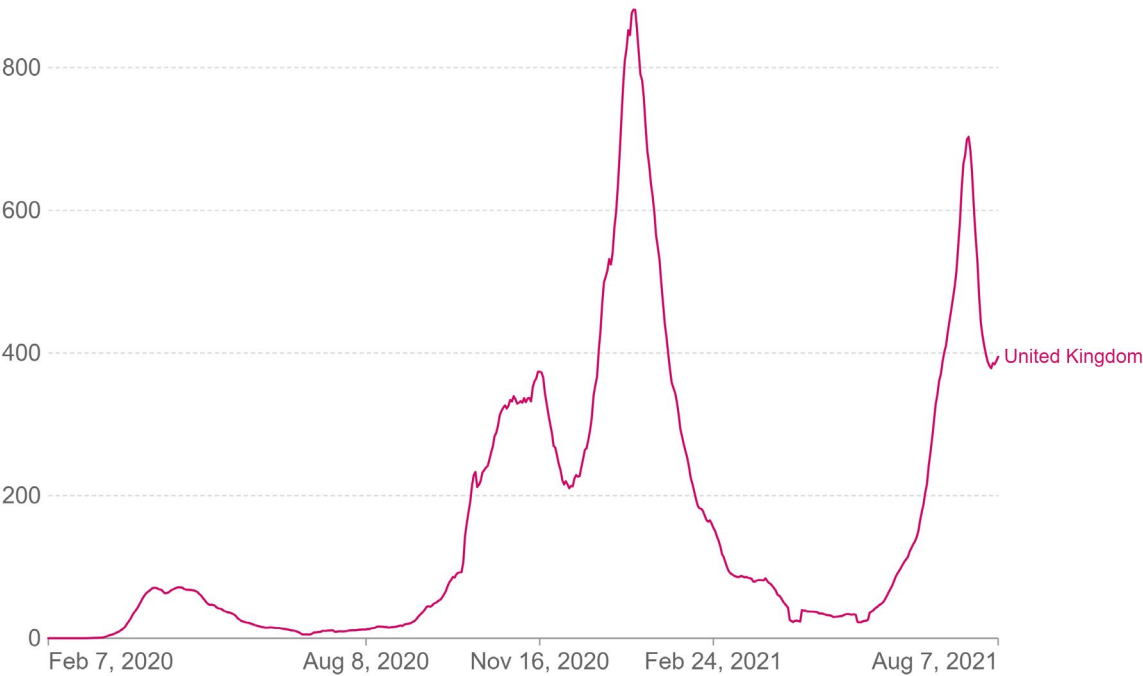
- Understanding the rules and tests required
- The rules may change at the last minute
- Have all your paperwork printed or use the airline app or both
- Mask up and stay masked!
- International flights 30-50% (cf. internal 100%)
- The airports may not have all the services you expected



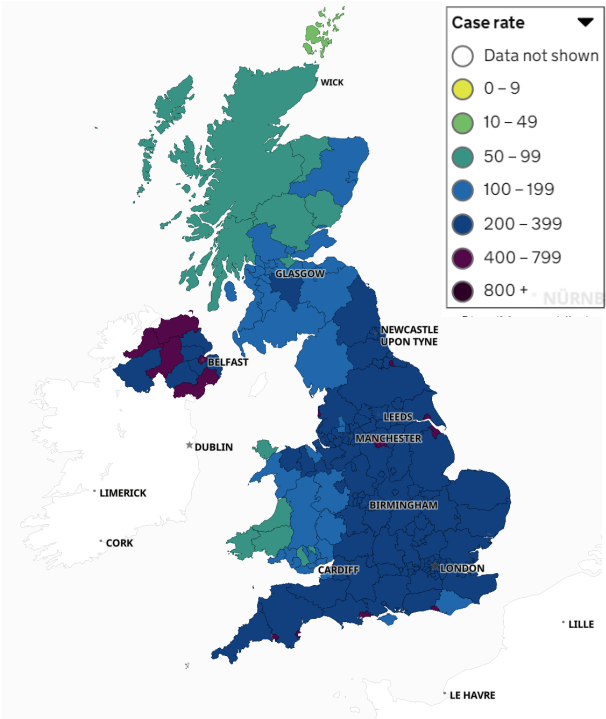
Case Data UK

Daily new confirmed COVID-19 cases per million people

Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.

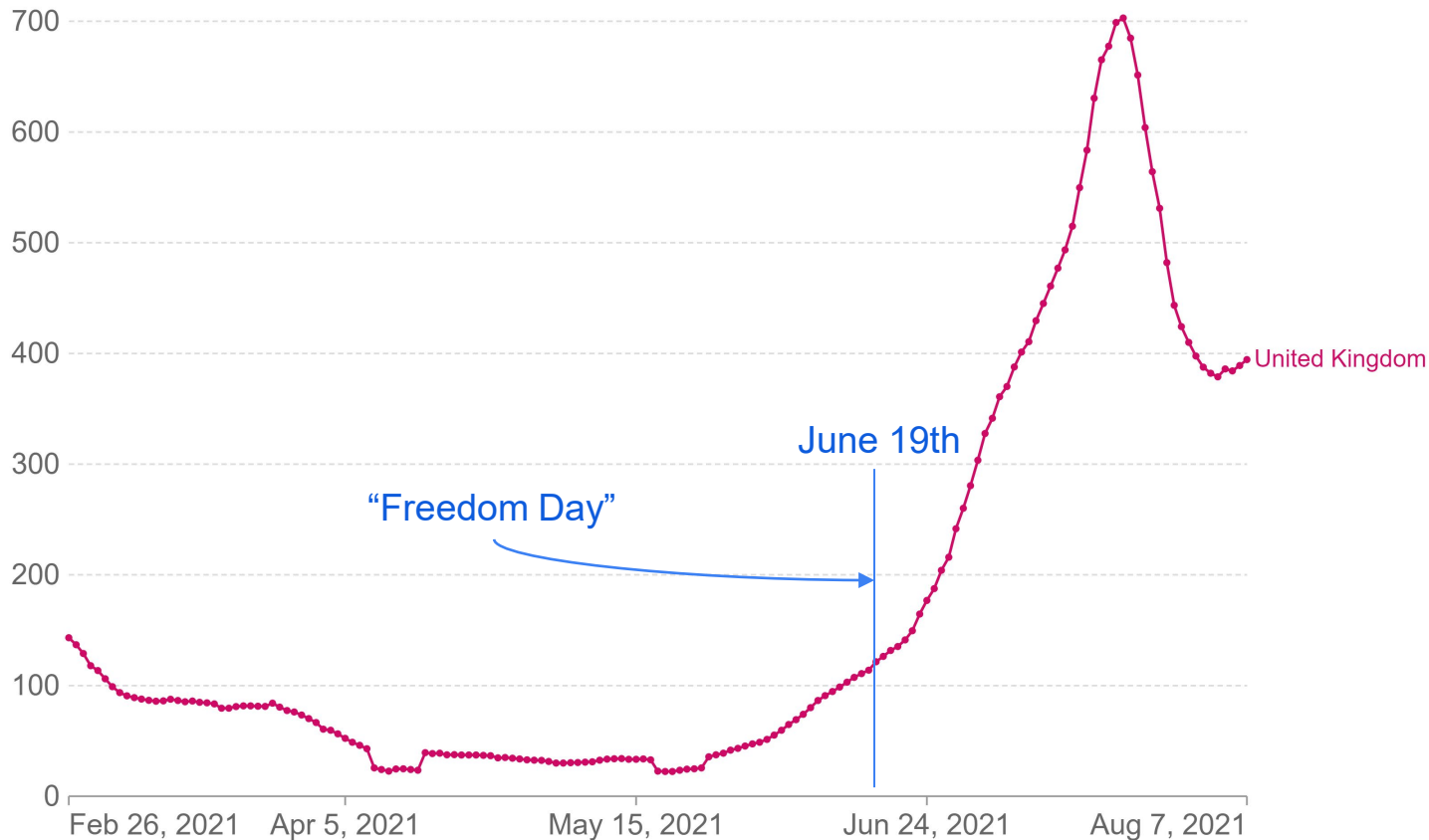


Our World
in Data



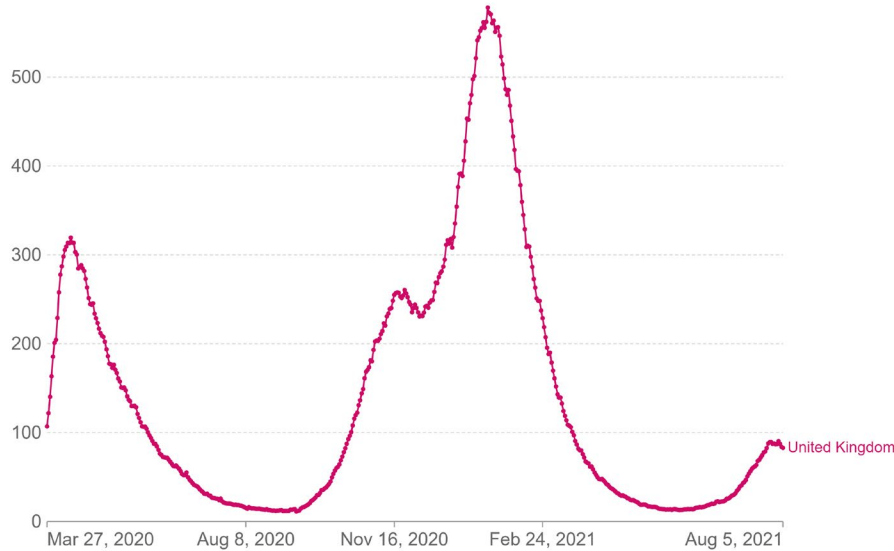
Daily new confirmed COVID-19 cases per million people

Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.



Hospital Patients and Deaths

Number of COVID-19 patients in hospital per million people

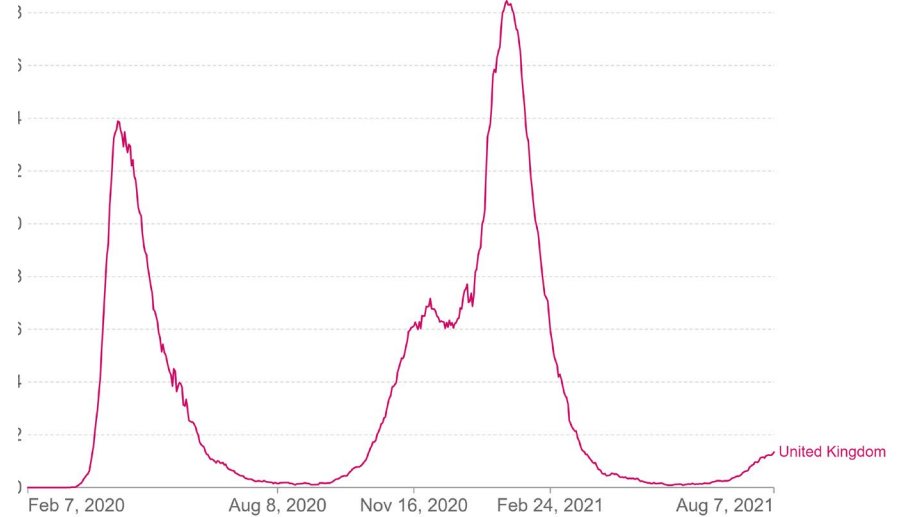


Source: Official data collated by Our World in Data

Our World
in Data

Daily new confirmed COVID-19 deaths per million people

This line graph shows the daily new confirmed COVID-19 deaths per million people in the United Kingdom. The y-axis ranges from 0 to 5, and the x-axis shows dates from February 7, 2020, to August 7, 2021. The data shows three distinct waves: a first wave peaking at approximately 4.5 in late March 2020, a second wave peaking at approximately 2.5 in late November 2020, and a third, much larger wave peaking at approximately 5.5 in late January 2021. The number of deaths per million people then declines to near zero by August 2021.



CC BY Source: Johns Hopkins University CSSE COVID-19 Data

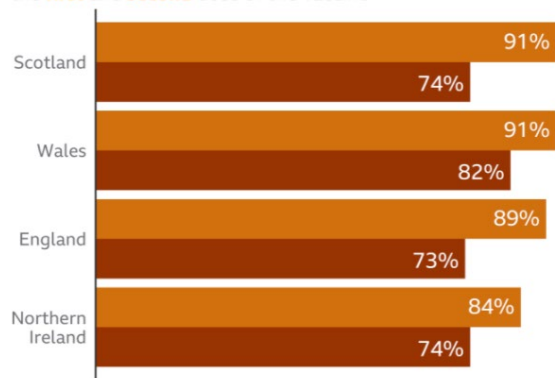
Our World
in Data

CC BY

Vaccination in the UK

Vaccines across the UK

Percentage of people aged 18 and over who have received the **first** and **second** dose of the vaccine



Population figures used to calculate the percentages are based on estimates from the national statistical agencies

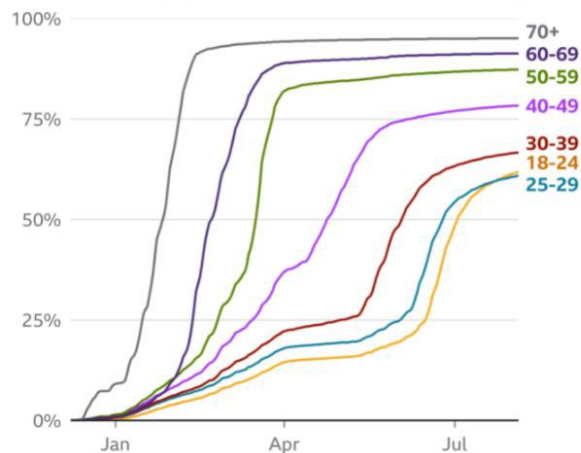
Source: UK government dashboard, data to 4 Aug

BBC

Across the English regions, the South West has vaccinated 85% of the same age group with at least one dose, while London has reached 66%.

Vaccination rate still climbing in the youngest age group

Percentage of age group to have first vaccine dose, England

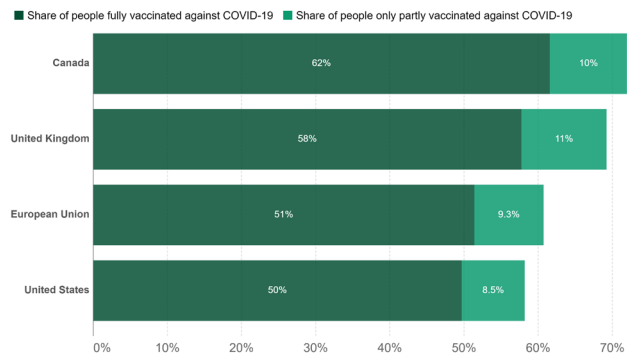


Source: Gov.uk dashboard, 4 Aug

BBC

Progress made in the UK so far means the country continues to be among those with the highest vaccination rates globally.

Share of people vaccinated against COVID-19, Aug 7, 2021



Source: Official data collated by Our World in Data. This data is only available for countries which report the breakdown of doses administered by first and second doses in absolute numbers.
CC BY

Just opened up vaccination to 16- and 17-year-olds

UK 4-Step Road Map

STEP 4

At least five weeks after Step 3, no earlier than 21 June.
By Step 4, the Government hopes to be able to introduce the following:



No legal limit
(subject to review).



Remaining businesses,
including nightclubs
(subject to review).



Larger events
(subject to review).



International travel
(subject to review).



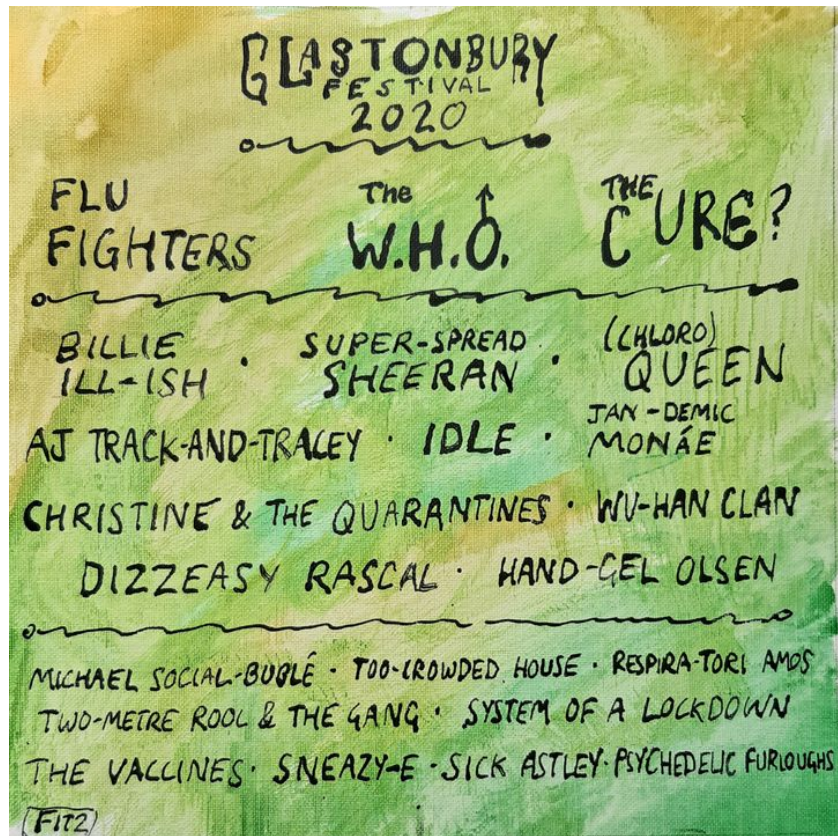
No legal limit on life events
(subject to review).

Step - 4

- Originally planned for June 21st but delayed 4 weeks because of the Delta variant
- The delay was to vaccinate 7+ million more people
- July 19th many legal restrictions lifted but caution recommended
- Travel evolving
- Acknowledge that as further restrictions are lifted, there will sadly be more cases, hospitalizations and deaths

Protections

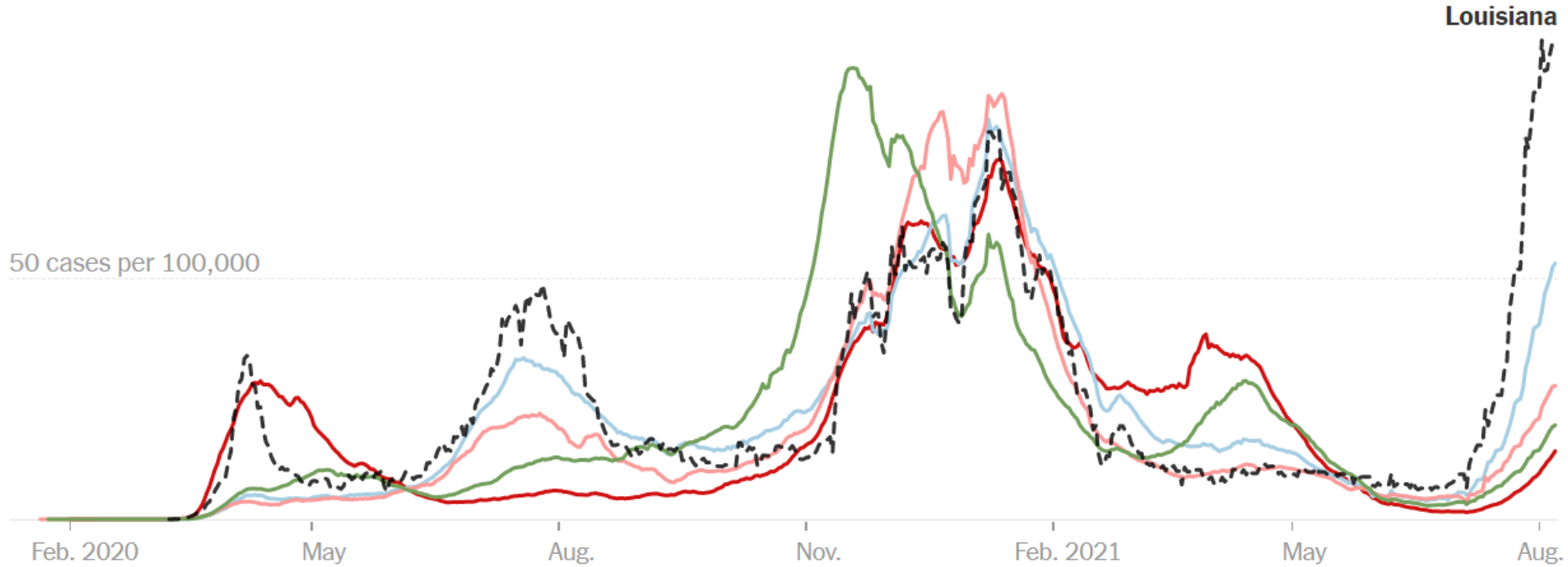
- Testing
- Isolating when positive or when contacted by NHS Test and Trace or when advised to by the NHS COVID-19 app.
- Border quarantine: for all arriving from red list countries, and for those people arriving from amber list countries, other than those UK residents fully vaccinated in the UK vaccine program or select fully vaccinated individuals from other countries
- Guidance for individuals, businesses and the vulnerable whilst prevalence is high including:
- Work from home if they can/want, Government expects and recommends a gradual return over the summer;
- Government expects and recommends that people wear face coverings in crowded areas such as public transport
- Being outside or letting fresh air in
- Minimizing the number, proximity and duration of social contacts.
- Encouraging and supporting businesses and large events to use the NHS COVID Pass in high-risk settings to help to limit the risk of infection. If sufficient measures are not taken to limit infection, the Government will consider mandating the NHS COVID Pass in certain venues at a later date



The reopening of the pubs



West Midwest South Northeast

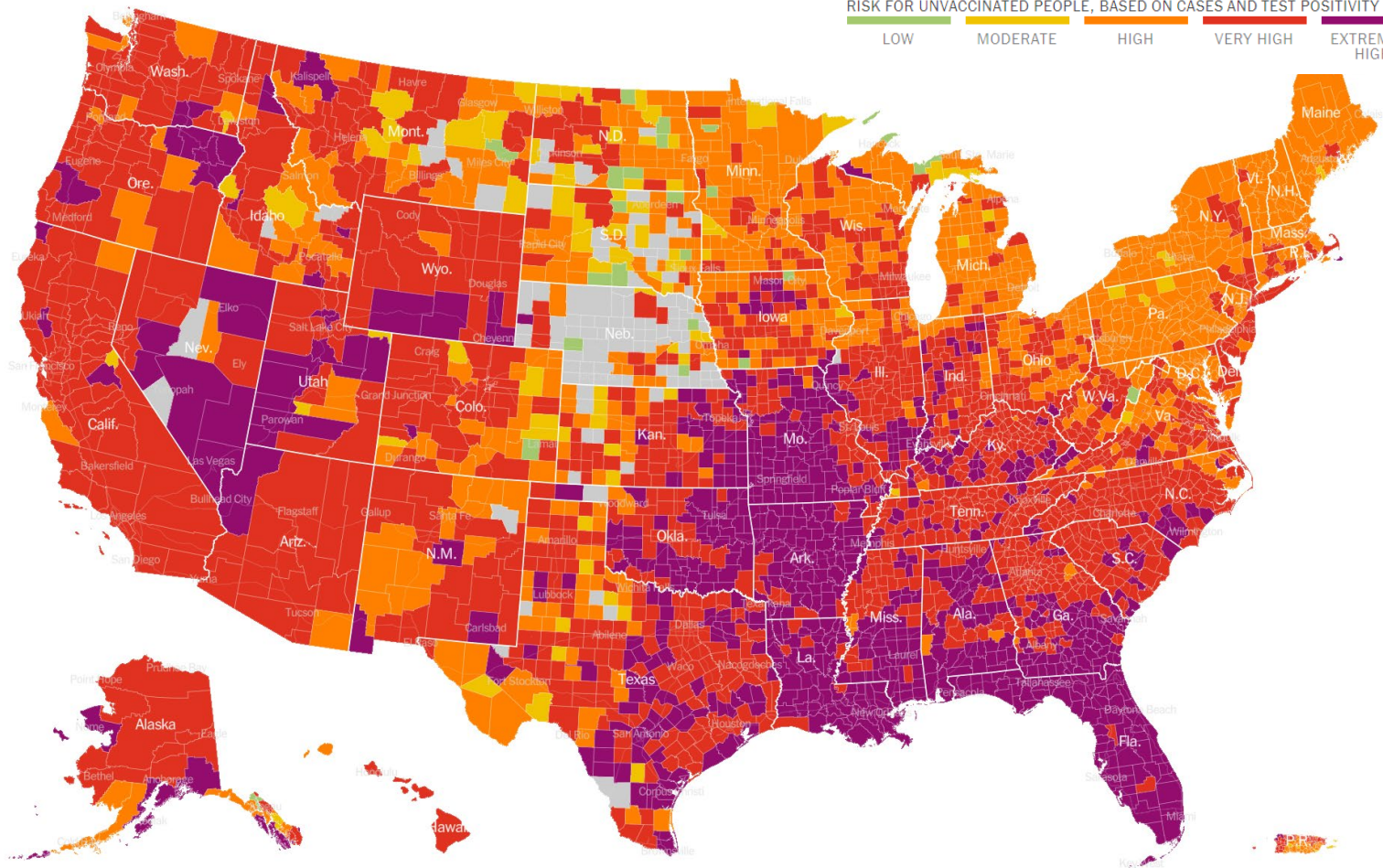


[About this data](#)

Risk levels

RISK FOR UNVACCINATED PEOPLE, BASED ON CASES AND TEST POSITIVITY

LOW MODERATE HIGH VERY HIGH EXTREMELY HIGH



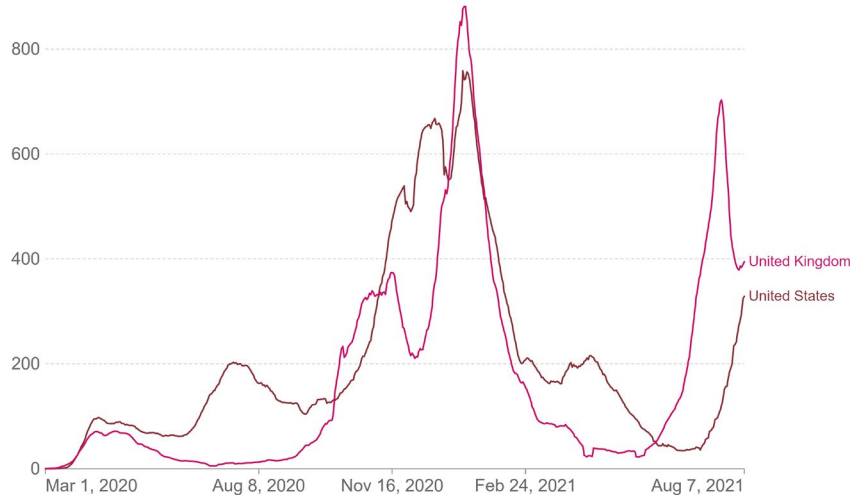
Predictions – Does the UK inform the USA?

The UK had a sharp rise in cases followed by an initial rapid fall in cases. However, the US has varied rates of vaccination by state and a larger geography which may mean the US has a different experience. CDC predictions (below) vary widely as are predictions from experts – estimates vary from a peak in mid-August to mid-October.

Additional concerns of a pandemic surge in the northern hemisphere in Q4 as we enter the virus's peak transmission season

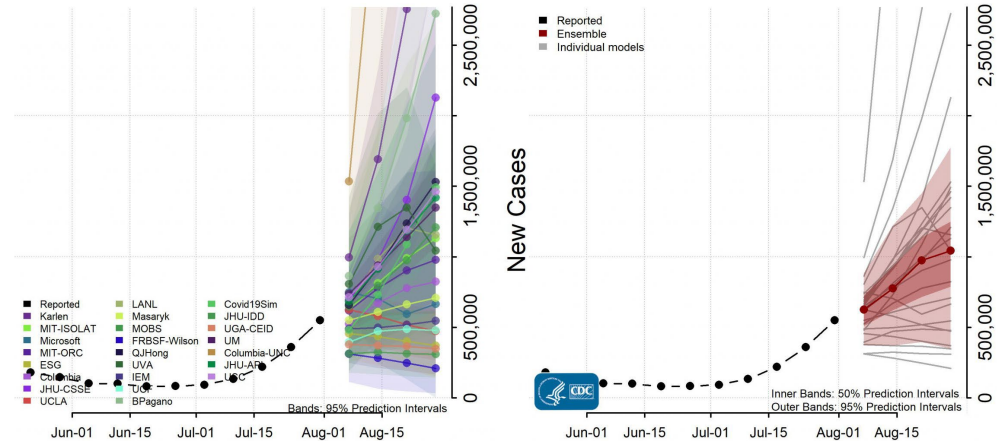
Daily new confirmed COVID-19 cases per million people

Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.



Our World
in Data

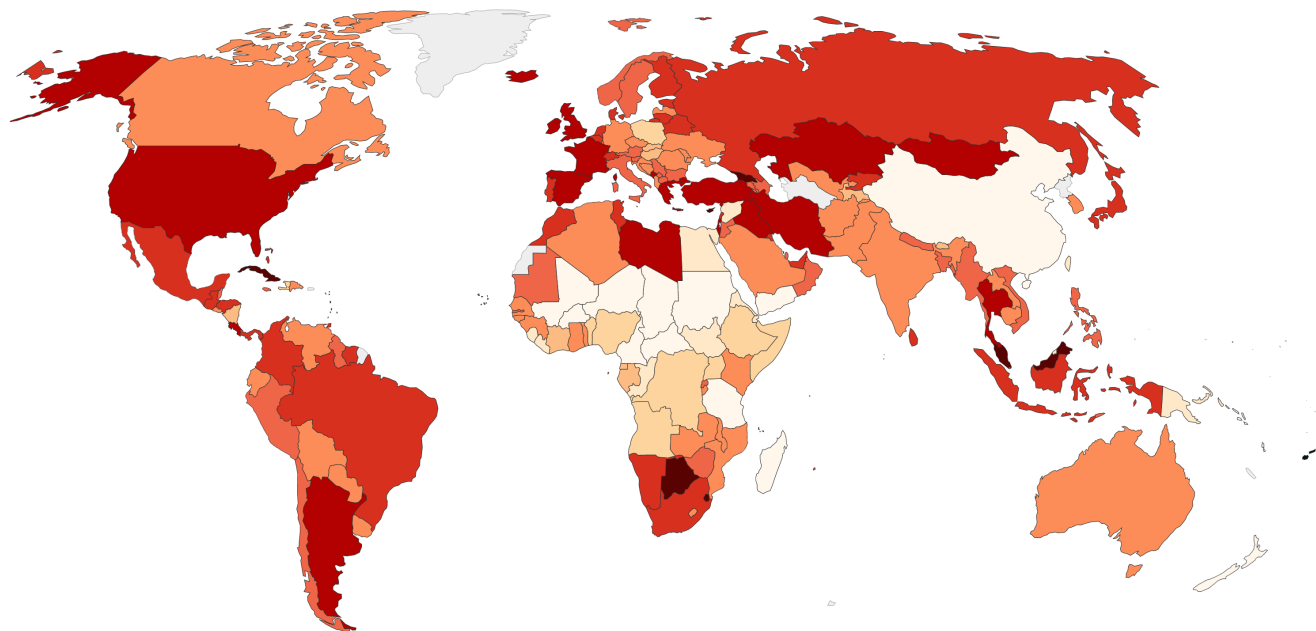
National Forecast



Daily new confirmed COVID-19 cases per million people

Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.

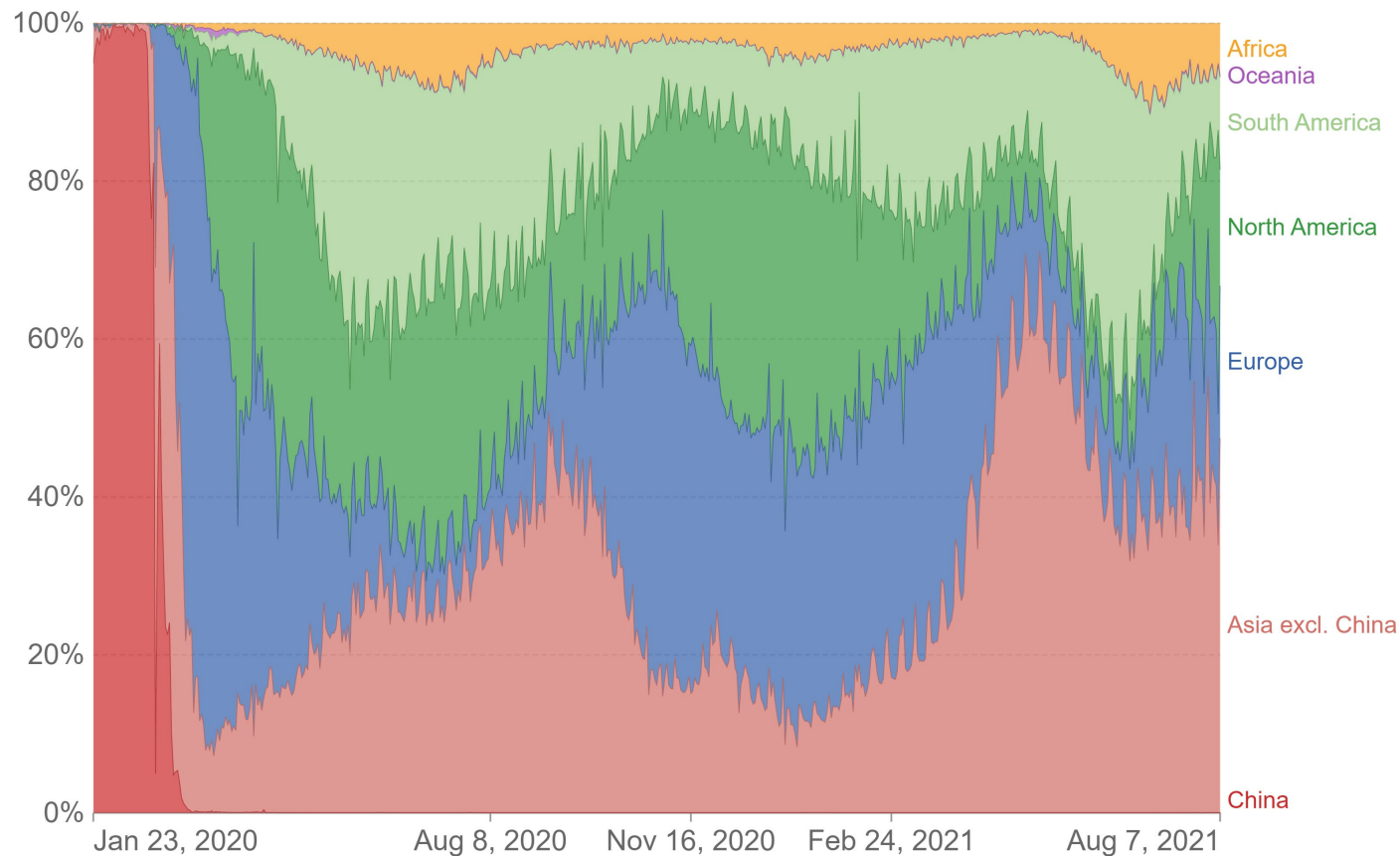
Our World
in Data



Source: Johns Hopkins University CSSE COVID-19 Data

Daily confirmed COVID-19 cases

The number of confirmed cases is lower than the number of total cases. The main reason for this is limited testing.





Questions

Upcoming NEBGH virtual events:

- **Aug. 10** – Heads Up, Employers! Mental Health Parity is on the Front Burner
- **Nov. 18** – Annual Membership Meeting