Cases continue to fall.

Rate vaccination improving after a dip, but inequalities rising.

Situation in the Indian sub-continent and South America are extremely worrying.

1. Cases and positivity.
2. Age/Schools breakdown.
3. Vaccines and vaccine inequality.
4. Variants.
5. Other countries.

With many thanks to Bob Hawkins for his help in collating the data on positivity rates, inequalities and vaccinations.
Cases
Number of new UK confirmed COVID-19 cases by reported date
(people who have had a positive test)

Data from: https://coronavirus.data.gov.uk
Number of new UK confirmed COVID-19 cases by reported date (people who have had a positive test)

Data from https://coronavirus.data.gov.uk
Cases per 100K by Rolling 7 Days for the Home Nations Aug 15 – Apr 17

England cases include those identified by LFD tests - temporarily community LFD positive tests do not require confirmatory PCR tests

Specimen date: Date someone **had a test**

Because it takes a few days for results to come through, can’t use most recent few days of data.

Data from [https://coronavirus.data.gov.uk](https://coronavirus.data.gov.uk)

Visualisation courtesy of Bob Hawkins
Daily Test Positivity Rate for the Home Nations Aug 15 – Mar 20

All rates are calculated based on PCR tests only and are comparable across the Home Nations

Data from https://coronavirus.data.gov.uk
Visualisation courtesy of Bob Hawkins
Cases per 100K by Rolling 7 Days for English Regions Aug 15 – Apr 17

Cases include those identified from LFD tests - temporarily community LFD positive tests do not require confirmatory PCR tests

Data from https://coronavirus.data.gov.uk
Visualisation courtesy of Bob Hawkins
Age
Cases per 100K by Rolling 7 Days for English Regions Aged Over 60 Years
(Source: England – Covid Daily Update)

Data from https://coronavirus.data.gov.uk
Visualisation courtesy of Bob Hawkins
Cases per 100K by Rolling 7 Days for English Regions Aged 20-59 Years
(Source: England – Covid Daily Update)
Cases per 100K by Rolling 7 Days for English Regions Aged Under 20 Years
(Source: England – Covid Daily Update)
Volume of LFD Tests by Day (7DMA): England Nov 1 – Apr 17

Data from https://coronavirus.data.gov.uk
Visualization courtesy of Bob Hawkins
Cases per 100K by Rolling 7 Days for England Under 20s
(Source: England – Covid Daily Update)

Data from https://coronavirus.data.gov.uk
Visualisation courtesy of Bob Hawkins
Vaccinations
Number of First and Second Doses given by Day in the UK: Jan 11 to Apr 21
(Source: Covid Daily Update)

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
First and Second Doses Coverage of the Adult Population for the UK by Day: Jan 10 to Apr 21
(Source: Covid Daily Update)
First Dose Coverage for the Home Nations by Day: Jan 10 to Apr 21

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
Second Dose Coverage for the Home Nations by Day: Jan 10 to Apr 21

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
First and Second Dose Coverage by Age for England to Apr 18
(Source: https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/)

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
First and Second Dose Coverage for Over 80s from Dec 27 to Mar 21
(Source: https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/)

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
First Dose Coverage by Deprivation for Over 50's for England to Apr 14

Source: http://opensafely.org/research/2021/covid-vaccine-coverage/

Visualisation courtesy of Bob Hawkins
First Dose Coverage Deprivation Gap by Age Group for England to Apr 14

Source: [http://opensafely.org/research/2021/covid-vaccine-coverage/](http://opensafely.org/research/2021/covid-vaccine-coverage/)

Visualisation courtesy of Bob Hawkins
First Dose Coverage by Ethnicity for Over 50's for England to Apr 14

Source: [http://opensafely.org/research/2021/covid-vaccine-coverage/](http://opensafely.org/research/2021/covid-vaccine-coverage/)
Visualisation courtesy of Bob Hawkins
First Dose Ethnicity Inequality Gap by Age for England to Apr 14

Source: [http://opensafely.org/research/2021/covid-vaccine-coverage/](http://opensafely.org/research/2021/covid-vaccine-coverage/)
Visualisation courtesy of Bob Hawkins
Europe
Daily new confirmed COVID-19 cases for selected European countries

New daily cases (7-day average)

Data from https://ourworldindata.org
Daily new confirmed COVID-19 cases per million for selected European countries

New daily cases per million (7-day average)

Data from https://ourworldindata.org
Rest of the world
Daily new confirmed COVID-19 cases for selected countries

New daily cases
(7-day average)

Data from https://ourworldindata.org
Daily new confirmed COVID-19 deaths for selected countries

New daily deaths (7-day average)

Data from: https://ourworldindata.org
Global daily new confirmed COVID-19 cases

New daily cases
7-day average

Data from https://ourworldindata.org
Variants
Weekly sequences cases of 4 of the main variants (England)

Data from: https://www.cogconsortium.uk/

- P1 ("Brazil")
- B1617 ("India")
- B1525 ("B117 + E484K")
- B1351 ("S Africa")

Data from: https://www.cogconsortium.uk/
Weekly sequences cases of 4 of the main variants (England)

Data from: https://www.cogconsortium.uk/

- P1 ("Brazil")
- B1617 ("India")
- B1525 ("B117 + E484K")
- B1351 ("S Africa")
Cases of B1617 ("India") linked to travel or otherwise

Summary

Cases continue to fall.

Rate vaccination improving after a dip, but inequalities rising.

Situation in the Indian sub-continent and South America are extremely worrying.

Variants pose a significant threat to our excellent vaccination programme.

With many thanks to Bob Hawkins for his help in collating the data on positivity rates, inequalities and vaccinations.