Cases and positivity rates continue to decline in all regions.

Inequality is becoming even more stark the longer lockdown goes on.

Deaths are continuing to fall rapidly reflecting falls in cases previously.

Rate of first doses of vaccination slowing as second doses are ramped up.

1. Cases
2. Inequality
3. Hospitalisations
4. Deaths
5. Vaccination data

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
Cases per 100K by Rolling 7 Days for the Home Nations Aug 15 – Feb 27

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 – Feb 27

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
Daily Test Positivity Rate for English Regions Aug 15 – Feb 27

Data from https://coronavirus.data.gov.uk
Visualisation courtesy of Bob Hawkins
Positivity Rate for All English Local Authorities
Comparison of week ending Feb 27 to prior week to week ending Sep 1

Data from National flu and COVID-19 surveillance reports - GOV.UK (www.gov.uk) and NHS Test and Trace (England) and coronavirus testing (UK) statistics: 5 November to 11 November - GOV.UK (www.gov.uk)
Visualisation courtesy of Bob Hawkins
Positivity Rate for All Scottish Local Authorities
Comparison of week ending Feb 27 to prior week

Local Authorities Ranked by Cases
Positivity Rate for All Welsh Local Authorities
Comparison of week ending Feb 27 to prior week

Local Authorities Ranked by Cases

- Gwynedd
- Wrexham
- Conwy
- Blaenau Gwent
- Ceredigion
- Vale of Glamorgan
- Rhondda
- Torfaen
- Flintshire
- Caerphilly

Positivity Rate

0% 2% 4% 6% 8% 10% 12% 14%

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
Positivity Rate for All Northern Irish Local Authorities
Comparison of week ending Feb 27 to prior week

Local Authorities Ranked by Cases

- Armagh City, Banbridge and Craigavon
- Antrim and Newtownabbey
- Mid Ulster
- Newry, Mourne and Down
- Fermanagh and Omagh
- Derry City and Strabane
- Mid and East Antrim
- Lisburn and Castlereagh
- Causeway Coast and Glens
- Ards and North Down
Inequality
Measuring deprivation

Population

Most deprived

Least deprived

Ranked by Percent in Highest Deprivation Quintile

7 domains of deprivation

- Income: 22.5%
- Employment: 22.5%
- Education: 13.5%
- Health: 13.5%
- Crime: 9.3%
- Barriers to housing & services: 9.3%
- Living environment: 9.3%

Deprivation Region

<table>
<thead>
<tr>
<th>Percent of MSOAs</th>
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<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>4</td>
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<td>5</td>
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</tbody>
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7 Day Rolling Cases per 100K by Deprivation for England (Dec 4 to Feb 26)

Source: 2014 Households in Poverty Estimates and Deprivation Data provided by Tom Forth (@ThomasForth)
Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
Cases per 100K per week for Deprivation Quintiles
Comparison of week ending Feb 26 ● to prior week ● to week ending Sep 4 ●
(Sources: Covid Daily Update and Deprivation Data provided by Tom Worth)

Source: 2014 Households in Poverty Estimates and Deprivation Data provided by Tom Forth (@ThomasForth)
Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
Inequality Gradient for Covid Cases Sep 4 to Feb 26 – Deprivation
(Sources: Covid Daily Update and Deprivation Data provided by Tom Worth)

Source: 2014 Households in Poverty Estimates and Deprivation Data provided by Tom Forth (@ThomasForth)
Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
Hospitalisations
Number of new hospital admissions with COVID-19 per day in England

Data from https://coronavirus.data.gov.uk/
7-day average of daily number of new hospital admissions with COVID-19 per day / million people across different regions in England

Daily hospital occupancy in England

Data from https://coronavirus.data.gov.uk/
Critical care occupancy
Adult Critical Care Bed Occupancy Week on Week Comparison: England Regions

(Source: Urgent and Emergency Care Daily Situation Reports)
Adult Critical Care Beds 2020 to 2019 Comparison: England
(Source: Urgent and Emergency Care Daily Situation Reports)
Adult Critical Care Beds 2020 to 2019 Comparison: London
(Source: Urgent and Emergency Care Daily Situation Reports)
Deaths
These are registered deaths where COVID-19 was mentioned on the death certificate, regardless of location.

About 90% are directly due to COVID.

Data from:
England and Wales: www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/latest
Northern Ireland: www.nisra.gov.uk/publications/weekly-deaths
Vaccinations
Number of First and Second Doses given by Day in the UK: Jan 11 to Mar 3
(Source: Covid Daily Update)

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
Cumulative Number of First Doses for the Home Nations by Day: Jan 11 to Mar 3
(Source: Covid Daily Update Extract)

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
First and Second Doses Coverage for the UK by Day: Jan 10 to Mar 3
(Source: Covid Daily Update)

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
First Dose Coverage for the Home Nations by Day: Jan 10 to Mar 3

Data from https://coronavirus.data.gov.uk/details/download
Visualisation courtesy of Bob Hawkins
First Dose Coverage to Feb 28 by Deprivation: England

Source: 2014 Households in Poverty Estimates and Deprivation Data provided by Tom Forth (@ThomasForth)
Data from: https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/
Visualisation courtesy of Bob Hawkins
Summary

Cases continue to fall, but that fall has slowed.

Hospital admissions continue to decrease, but ICU occupancy still high.

Deaths continue to fall steeply.

Inequality continues to be make its presence felt.

Vaccine delivery has shown slight slow down and it is becoming increasingly clear that there is inequality with regards to vaccine coverage.

What will be the impact of schools returning to largely unmitigated classrooms?