Things are continuing to get better, but rate of reduction in infections is slowing, particularly in Scotland.

1. Deaths
2. Hospitalisations
3. Cases
4. Vaccinations

With many thanks to Bob Hawkins, Luke Shepherd and Catherine Finnecy for their help in collating the data and discussions on interpretation.
Deaths
Number of new UK deaths from COVID-19 registered per week, to 5\textsuperscript{th} February

Data from:
- England and Wales: https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/latest
- Northern Ireland: https://www.nisra.gov.uk/publications/weekly-deaths
Number of deaths within 28 days of +ve COVID test reported per day across the UK to 18th Feb

Data from https://coronavirus.data.gov.uk/
Hospitalisations
Number of people in hospital per million people – UK nations

Data from https://coronavirus.data.gov.uk.
Number of people in hospital per million people – UK nations

Data from https://coronavirus.data.gov.uk.
Number of new hospital admissions with COVID-19 per day in England to 26th Jan

Data from https://coronavirus.data.gov.uk/
Number of new hospital admissions per day per million people with COVID-19 per day in England by region to 16\textsuperscript{th} Feb

North now has highest level of admissions

Data from https://coronavirus.data.gov.uk/
Number of Adult Critical Care Bed Occupied Week on Week Comparison: England Regions


Thank you to Bob Hawkins for preparing the chart
Cases
Slight slowing down: 20% drop over previous week compared to 29% drop a week earlier.

Slowing down in all nations, most in Scotland & Wales.
Number of cases – UK nations – by date of test to 14th February
All rates are calculated based on PCR tests only and are comparable across the Home Nations

Data from https://coronavirus.data.gov.uk
Positivity rates – UK nations – by date of test to 13th February

% of people tested who are positive

Data from:
Scotland: https://www.opendata.nhs.scot/dataset/covid-19-in-Scotland

Consistent with ONS infection survey
Positivity Rate for All Northern Irish Local Authorities
Comparison of week ending Feb 13 to prior week

Positivity Rate for All Welsh Local Authorities
Comparison of week ending Feb 13 to prior week

Positivity Rate for All Scottish Local Authorities
Comparison of week ending Feb 13 to prior week

Local Authorities Ranked by Cases

Data from https://www.opendata.nhs.scot/dataset/covid-19-in-scotland
Data: https://api.coronavirus.data.gov.uk/v2/data?areaType=region&metric=newCasesBySpecimenDate&metric=uniqueCasePositivityBySpecimenDateRollingSum&format=csv

Thank you to Bob Hawkins for the chart
Proportion of population testing positive 4-13\textsuperscript{th} February compared to early January by UK region (REACT study)

From https://spiral.imperial.ac.uk/bitstream/10044/1/86126/2/react1_r9_interim_preprint.pdf
Proportion of population testing positive 4-13\textsuperscript{th} February compared to early January by UK region (REACT study)

Impact of deprivation has grown more pronounced

Coronavirus

England's poorest areas hit by Covid 'perfect storm' - leaked report

Exclusive: government analysis reveals unmet financial needs of many people needing to self-isolate

- Why Leicester, Blackburn and Bradford have been hit hard by Covid
- Coronavirus - latest updates
- See all our coronavirus coverage

From https://spiral.imperial.ac.uk/bitstream/10044/1/86126/2/react1_r9_interim_preprint.pdf
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From https://spiral.imperial.ac.uk/bitstream/10044/1/86126/2/react1_r9_interim_preprint.pdf
Vaccination data
Proportion of people vaccinated over time for each nation to 17th February

Just under 3 million people received their first dose in the week to 17th Feb

Data from https://coronavirus.data.gov.uk/
Thanks to Bob Hawkins for the chart
Population coverage by age to 14th February

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/
Thanks to Bob Hawkins for the chart
Only 73% of over 80’s vaccinated in East London by 7 Feb.

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/
Thanks to Bob Hawkins for the chart
Potential progress of vaccination

At current pace, the UK will have given two Covid-19 vaccine doses to all adults by mid September

Weekly doses administered to date (millions), and projected forward assuming a limit of 3m per week

Source: UK government Covid-19 dashboard; FT analysis
© FT

From John Burn-Murdoch https://twitter.com/jburnmurdoch/status/1361959977116700675/photo/1
Potential progress of vaccination

With only a modest growth in supply and delivery, all UK adults could have received both doses by late July

Weekly doses administered to date (millions), and projected forward assuming a limit of 3m per week

- All of groups 1-4 given 1st dose
- All groups 5-9 given 1st dose
- All groups 1-4 given 2nd dose
- All groups 5-9 given 2nd dose

12 weeks between doses

Source: UK government Covid-19 dashboard; FT analysis

© FT

From John Burn-Murdoch https://twitter.com/jburnmurdoch/status/1361959981923389444/photo/1
Summary

Cases, hospitalisations and deaths falling in all nations but signs of a slow down.

Vaccination going very well

What is a strategy for coming out of lockdown into a “no-lockdown” future?