Latest numbers on COVID-19 in the UK – 20 November 2020

Some positive signs, but a lot of regional variation. Coming out of restrictions will be hard.

1. Hospitalisations

2. Deaths

3. Cases

4. International Context

With many thanks to Catherine Finnecy for help in collating and understanding the data.
Hospitalisations
Wales includes admissions with **suspected** Covid – other nations just confirmed.

**Cannot be directly compared.**
Number of new hospital admissions with COVID-19 per day in England

Data from https://coronavirus.data.gov.uk/

Brief plateau 2 weeks ago

Hopefully the start of a more sustained drop
Number of people *in hospital* with COVID-19 per day in England

Data from https://coronavirus.data.gov.uk/
Number of people in hospital with COVID-19 per day in England

Data from https://coronavirus.data.gov.uk/
Deaths
Number of new UK deaths from COVID-19 per week

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/deathsregisteredweeklyinenglandandwalesprovisionallatest
Northern Ireland: www.nisra.gov.uk/publications/weekly-deaths
Number of deaths within 28 days of +ve COVID test reported per day in England

Data from https://coronavirus.data.gov.uk/

2 wks 1,387
2 wks 2,966
2 wks 4,707
5 Nov–19 Nov
Cases
Number of new UK confirmed COVID-19 cases by reported date (people who have had a positive test)

Does seem to have been a “pre lockdown” socialising spike

Data from https://coronavirus.data.gov.uk
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
Number of new confirmed COVID-19 cases / 100,000 people – UK nations – “specimen date”

Scotland stronger restrictions in central belt

Scotland 5 tier system

Weekly positivity rate (proportion of people tested who were positive) – Scotland by new levels

Scotland stronger restrictions in central belt

Scotland 5 tier system

Number of new confirmed COVID-19 cases / 100,000 people – UK nations – “specimen date”

Number of new confirmed COVID-19 cases / 100,000 people – UK nations – “specimen date”

Data from https://coronavirus.data.gov.uk, table of districts from @UKCovid19Stats
Number of new confirmed COVID-19 cases / 100,000 people – UK nations – “specimen date”

Number of new confirmed COVID-19 cases / 100,000 people – UK nations – “specimen date”

Weekly number of new confirmed COVID-19 cases / 100,000 people – England regions (specimen date)

Weekly number of new confirmed COVID-19 cases / 100,000 people – England regions (specimen date)

Number of new confirmed COVID-19 cases / 100,000 people – England – mass testing

Thank you UK COVID-19 for the chart! @UKCovid19Stats

Need to start reporting mass testing *separately* from symptom testing.
If we don’t, it will be extremely difficult to interpret positivity rates and trends
Test and Trace - England

No change in Test and Trace performance over past few weeks.
Still only reaching 60% of close contacts
No sign that system is being improved to enable safer exit from lockdown

Charts from [https://covid.i-sense.org.uk/](https://covid.i-sense.org.uk/) based on NHS Test and Trace data
International context – countries that “locked down”
7-day average of cases per day per million population

Lines mark start of lockdown
Solid lines = schools closed

Thank you to Luke Shepherd for his help!
International context – countries that haven’t locked down
7-day average of cases per day per million population

Thank you to Luke Shepherd for his help!
Summary

Case numbers are coming down or stable... BUT

A lot of regional variation, especially in England where reductions are concentrated in the NW and Yorkshire & Humber.

Recent spike in cases in England most likely due to pre-lockdown socialising.

Very concerning if cases don’t start coming down in rest of England by next Friday. And decrease needs to speed up over next 2 weeks.

Direction of travel in NI, Wales and Scotland also very important as restrictions are changed. Coming out of restrictions is very difficult to manage.

Quick word on schools: cases are continuing to rise in school age children under 16 – but at least some of that is because of more testing.

More focus on schools next week!