Latest numbers on COVID-19 in the UK – 11 February 2022

1. Testing & Cases
2. Omicron subvariants
3. Hospitals
4. Deaths
5. Children and Schools

With many thanks to Bob Hawkins for his help in collating the data
Tests & Cases
7-day rolling average of number of lateral flow (LFD) and PCR tests taken [reported!] in England by day of test to 9 Feb 2022

Data from https://coronavirus.data.gov.uk
Positivity Rate for England, Scotland and Wales to 4 Feb 2022

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

Visualisation courtesy of Bob Hawkins
Scotland no longer publishing.

Wales and NI about to change how they report cases.

This will be the last week for foreseeable future that I show these.

Data from:

Visualisation courtesy of Bob Hawkins
Cases per 100,000 people per rolling week by home nation by date of test to 5 February 2022

Data from https://coronavirus.data.gov.uk
Weekly confirmed cases per 100K by Nation
Sep 1 2021 to 26 Jan 2022
(Source: UK Covid Dashboard – Note that Scotland and Wales do not include LFD Positive Cases)
ONS Infection survey: Weekly new Infections per 100K by Nation
Sep 1 2021 to 26 Jan 2022
(Source: ONS Coronavirus (COVID-19) Infection Survey results, UK: 11 Feb 2022)
Comparison of ONS infection survey prevalence and confirmed weekly cases (by date of test) from the dashboard for England

Percentage of population testing positive each week

Total positive tests reported each week (by date of test)

Data from https://coronavirus.data.gov.uk and https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/previousReleases
Comparison of ONS infection survey prevalence and confirmed cases (by date of test) from the dashboard for England

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Data from https://coronavirus.data.gov.uk and https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/previousReleases
COVID-19 Infection Rates by Home Nation over last 4 weeks
(Source: Coronavirus (COVID-19) Infection Survey headline results, UK: 8 Feb 2022)

Thanks to Bob Hawkins for the chart
Losing the ONS infection survey would be a **massive** loss – it captures spread – national, regional, in ages, in occupations, variants, viral load. It captures long covid – the only routine measure of it.
COVID-19 Infection Rates by English region over last 4 weeks
(Source: Coronavirus (COVID-19) Infection Survey headline results, UK: 8 Feb 2022)

Thanks to Bob Hawkins for the chart
Omicron subvariants: BA.1; BA.1.1; BA.2
Proportion of sequenced cases that are each variant in **England** over time, showing Omicron variants BA.1, BA.1.1 and BA.2 in **England** to w/e 29 Jan 2022

Data from COG UK, [https://sars2.cvr.gla.ac.uk/cog-uk/](https://sars2.cvr.gla.ac.uk/cog-uk/)
Proportion of sequenced cases that are each variant in N. Ireland over time, showing Omicron variants BA.1, BA.1.1 and BA.2 in N. Ireland to w/e 29 Jan 2022

Data from COG UK, [https://sars2.cvre.gla.ac.uk/cog-uk/](https://sars2.cvre.gla.ac.uk/cog-uk/)
Hospitals
Number of people in hospital with Covid per million people – UK nations
7 day rolling average to 1 Apr 2020 – 10 Feb 2022

Data from https://coronavirus.data.gov.uk.
Number of daily hospital admissions with Covid in England to 8 Feb 2022

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Number of people in hospital with Covid in England by primary reason

Covid primary diagnosis
These are patients whose Covid diagnosis is incidental to their admission (e.g. caught in hospital or trauma)

Covid NOT primary diagnosis

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Percent of A&E attendances greater than 4 hours from arrival to admission, transfer or discharge for England: Nov 2010 – Jan 2022
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

Thanks to Bob Hawkins for the chart
Percent of A&E attendances greater than 12 hours from ‘decision to admit’ to hospital admission for England: Nov 2010 – Jan 2022
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

16,558 of A&E Patients (3%) waited longer than four hours from ‘decision to admit’ to admission in Jan 2022

Thanks to Bob Hawkins for the chart

Percent of Patients Starting Non-Emergency Consultant Treatment within 18 Weeks of Referral by Month for England (Jan 2016 to Dec 2021)
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

2,193,668 Patients waited longer than 18 Weeks to Start Treatment in Dec 2021

Thanks to Bob Hawkins for the chart

Number of Patients Waiting Longer than 6 and 13 Weeks for Diagnostic Tests by Month for England (Jan 2016 to Dec 2021)
(Source: NHS Monthly A&E Attendances and Emergency Admissions)


Thanks to Bob Hawkins for the chart
Deaths
Number of deaths within 28 days of +ve COVID test reported per day across the UK to 10 February 2022

Data from https://coronavirus.data.gov.uk/
Number of deaths within 28 days of +ve COVID test by date of death across the UK to 3 February 2022

Data from https://coronavirus.data.gov.uk/
Number of deaths with Covid as a contributing cause from death certificate data for England and Wales to w/e 21 Jan 2022

Data from https://coronavirus.data.gov.uk/
Comparing weekly deaths within 28 days to ONS death registration data

Data from [https://coronavirus.data.gov.uk/](https://coronavirus.data.gov.uk/)
Children and schools
COVID-19 Infection Rates by Age for England: January
(Source: Coronavirus (COVID-19) Infection Survey headline results, UK: 8 Feb 2022)

Note: ONS estimates that on 5 Feb in N Ireland, more than 20% of 2-5 yr olds had Covid!
Number of Pupils in All State Schools absent due to Covid-19 for England by School from Sep 7, 2021 to Feb 3, 2022
(Source: Attendance in education and early years settings during the coronavirus (COVID-19) outbreak)


Thanks to Bob Hawkins for the chart
7-day average of Covid hospital admissions in England since July 2020 to 8 Feb 2022 for under 18s

Much lower numbers than for adults

Data from https://coronavirus.data.gov.uk/
Percentage of children living with self-reported “Long Covid” (symptoms lasting at least 4 weeks) over time (ONS survey)

Omicron wave is **not yet** in this data (and won’t be until April)

Data from
https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatereatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
SUMMARY

• Going to move to ONS infection survey in future for cases including regional and age spread.

• Hospital admissions are continuing to come down.

• Deaths have peaked and are now (slowly) coming down.

• The Omicron subvariant (BA.2) continues to increase in all nations and is likely dominant now in N. Ireland.

• Infections remain very high in children.