Latest numbers on COVID-19 in the UK – 4 March 2022

1. Prevalence of Covid
2. Variants
3. Hospitalisations
4. Long Covid
5. Inequality

With many thanks to Bob Hawkins for his help in collating the data
Prevalence of Covid
Percent of population testing positive each week by nation:
1 Aug 2020 to 26 Feb 2022
ONS Infection Survey (random testing)

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata.
Percent Testing Positive by Age for England: 23 Feb vs Prior Weeks
(Source: Coronavirus (COVID-19) Infection Survey results, UK: 4 Mar 2022)

Data from
https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/previousReleases. Thanks to Bob Hawkins for the chart
BA.2 Omicron variant
Proportion of sequenced cases that are BA.2 over time by home nation to week ending 26 Feb 2022.

Latest estimates of vaccine efficacy against Omicron (no difference between BA.1 and BA.2)

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<tbody>
<tr>
<td></td>
<td>0 to 3 months</td>
<td>4 to 6 months</td>
<td>Over 6 months</td>
<td>0 to 3 months</td>
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<tr>
<td>Infection</td>
<td>Insufficient data</td>
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<tr>
<td>Symptomatic disease</td>
<td>25 to 70%</td>
<td>5 to 30%</td>
<td>0 to 10%</td>
<td>50 to 75%</td>
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<tr>
<td>Hospitalisation</td>
<td>65 to 85%</td>
<td>55 to 65%</td>
<td>30 to 35%</td>
<td>80 to 95%</td>
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<tr>
<td>Mortality</td>
<td>Insufficient data</td>
<td>Insufficient data</td>
<td>40 to 70%</td>
<td>85 to 99%</td>
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</tbody>
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Hospitals & Deaths
Number of people in hospital with Covid per million people – UK nations
7 day rolling average to 1 Apr 2020 – 3 Mar 2022

Data from https://coronavirus.data.gov.uk.
Number of people with Covid-19 in mechanically ventilated beds in Scotland to 3 March 2022

From https://coronavirus.data.gov.uk/details/healthcare?areaType=nation&amp;areaName=Scotland
Number of daily hospital admissions with Covid in England to 1 Mar 2022

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Number of deaths within 28 days of +ve COVID test by date of death across the UK to 24 February 2022

Data from https://coronavirus.data.gov.uk/
Number of deaths within 28 days of +ve COVID test by date of death in Scotland to 24 February 2022

Increases in cases in Scotland have been in adults, including those over 60

Data from https://coronavirus.data.gov.uk/
Long Covid
Number of People Living with Self-Reported Long Covid (at least 4 weeks) in the UK, Mar 6, 2021 to Jan 31, 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/prevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk/6january2022

Thanks to Bob Hawkins from the chart
Percentage of population living with “Long Covid” (symptoms lasting at least 4 weeks) by age over time (ONS survey)

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatarelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
Impact on People Living with Self-Reported Long Covid in the UK
Jan 31, 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

Extent to which long COVID reduces ability to undertake day-to-day activities

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/prevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk/6january2022

Thanks to Bob Hawkins from the chart
Percent of People in ‘Top 6’ Job Sectors Living with Self-Reported Long Covid in the UK: Oct 31, 2021 to Jan 31 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/prevalenceongoingssymptomsfollowingcoronaviruscovid19infectionintheuk/6january2022

Thanks to Bob Hawkins from the chart
Inequalities
Hospital Admission Rate per 100,000 by Deprivation in England for the Period Mar 2020 to Nov 2021
(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool)

Age Standardised Adm Rate

https://analytics.phe.gov.uk/apps/chime/

Thanks to Bob Hawkins from the chart
Mortality Rate per 100,000 by Deprivation in England for the Period Mar 2020 to Dec 2021
(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool)

https://analytics.phe.gov.uk/apps/chime/

Thanks to Bob Hawkins from the chart
Hospital Admission Rate per 100,000 by Ethnicity in England for the Period Mar 2020 to Nov 2021
(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool)

Age Standardised Adm Rate

[Bar chart showing hospital admission rates for different ethnic groups]

Thanks to Bob Hawkins from the chart
Mortality Rate per 100,000 by Ethnicity in England for the Period Mar 2020 to Dec 2021
(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool)

Age Standardised Mortality Rate

https://analytics.phe.gov.uk/apps/chime/

Thanks to Bob Hawkins from the chart
Percent of Deprivation Quintile Living with Self-Reported Long Covid in the UK: Jan 31, 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/prevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk/6january2022

Thanks to Bob Hawkins from the chart
Vaccine Coverage by Deprivation for Over 18’s in England as at 31 Dec 2021

(Source: ONS report on Coronavirus and vaccination rates in people by socio-demographic characteristic & occupation in England)
ONS shows that the number of people with Covid is falling in England, Wales, and NI but rising in Scotland.

Number of people in hospital is continuing to fall in all nations except Scotland where they are rising. Admissions in England have also risen in the last few days.

Deaths are flat or declining in all nations apart from Scotland.

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

Inequalities in hospitalisations, deaths and vaccination are stark.