Latest numbers on COVID-19 in the UK – 25 March 2022

1. Prevalence of Covid
2. Hospitalisations
3. Deaths
4. Schools
5. Behaviours

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 19 March 2022 
ONS Infection Survey (random testing)

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata.
Percent Testing Positive by Region: 19 Mar vs Prior Weeks
(Source: Coronavirus (COVID-19) Infection Survey results, UK: 25 Mar 2022)

Data from

Thanks to Bob Hawkins for the chart.
Percent Testing Positive by Age for England: 19 Mar vs Prior Weeks
(Source: Coronavirus (COVID-19) Infection Survey results, UK: 25 Mar 2022)

Data from
Thanks to Bob Hawkins for the chart.
ONS estimates of percentage of **people aged 50-69** and **people over 70** testing positive (prevalence) over 2 week periods from 3 May 2020 – 19 March 2022

Data from [https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata](https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata)
Outbreaks in Care Homes increasing

UKHSA weekly surveillance report:
Estimated prevalence of Covid in UK each day from the Zoe tracker app

Day by day evolution of the infection across the UK

This chart shows the number of people calculated to have COVID symptoms on each day since the 11th June 2020.

Omicron wave 1 (BA.1)

Omicron wave 2 (BA.2)

https://covid.joinzoe.com/data
Hospitals
Number of people in hospital with Covid per million people – UK nations
7 day rolling average to 24 Mar 2022

Scotland higher than it’s ever been

Data from https://coronavirus.data.gov.uk.
Number of people with Covid-19 in mechanically ventilated beds in Scotland to 24 March 2022

From https://coronavirus.data.gov.uk/details/healthcare?areaType=nation&areaName=Scotland
Number of daily hospital admissions with Covid in England to 22 Mar 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 to 24 March 2022

Covid primary diagnosis

Covid NOT primary diagnosis
These are patients whose Covid diagnosis not primary reason for their admission – but it could still be a contributing cause. And needs infection control.

Hospital admissions per day in England for 65-84 year olds and over 85s since September 2020

Data from https://coronavirus.data.gov.uk.
### UKHSA latest vaccine efficacy report for Omicron by age

<table>
<thead>
<tr>
<th>Interval</th>
<th>VE</th>
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<tbody>
<tr>
<td><strong>Dose 1</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>0 to 27</td>
<td>43.9 (-41 to 77.7)</td>
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<tr>
<td>28+</td>
<td>53.4 (36.3 to 65.9)</td>
<td>78.3 (43.7 to 91.7)</td>
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<td><strong>Dose 2</strong></td>
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<tr>
<td>0 to 13</td>
<td>0 (100 to 100)</td>
<td>82.3 (74.3 to 87.8)</td>
<td>90.9 (72.6 to 97)</td>
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<tr>
<td>14 to 174</td>
<td>77.8 (45 to 91)</td>
<td>89.2 (63.1 to 96.8)</td>
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<tr>
<td>175+</td>
<td>66.7 (43.4 to 80.4)</td>
<td>73.4 (55.1 to 84.3)</td>
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<td><strong>Booster</strong></td>
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<tr>
<td>0 to 6</td>
<td>85.8 (61.5 to 94.7)</td>
<td>89.2 (63.1 to 96.8)</td>
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<tr>
<td>7 to 13</td>
<td>92.3 (76.3 to 97.5)</td>
<td>94.7 (71.6 to 99)</td>
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<tr>
<td>14 to 34</td>
<td>92.4 (86 to 95.8)</td>
<td>95.8 (91.3 to 97.9)</td>
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<tr>
<td>35 to 69</td>
<td>87 (79.2 to 91.8)</td>
<td>92.8 (88.4 to 95.6)</td>
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<tr>
<td>70 to 104</td>
<td>84 (74.6 to 89.9)</td>
<td>92.5 (88.1 to 95.2)</td>
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<tr>
<td>105+</td>
<td>76.9 (60.6 to 86.4)</td>
<td>86.8 (77.1 to 92.3)</td>
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</tr>
</tbody>
</table>

Number and Percent of Staff Absent from NHS Acute Hospital Trusts in England
7 Apr 2021– 20 Mar 2022


Thanks to Bob Hawkins for the chart
Deaths
Number of deaths within 28 days of +ve COVID test by date of death across the UK to 16 March 2022

Data from https://coronavirus.data.gov.uk/
Number of deaths with Covid on the death certificate by week registered in UK to 11 March 2022

Data from https://coronavirus.data.gov.uk/
Number of deaths with Covid on the **death certificate** by week registered in **Scotland** to 18 March 2022

Schools
ONS modelled primary and secondary school children prevalence over last three months

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata
Number of Pupils in All State Schools absent due to Covid-19 for England by School from Sep 7, 2021 to Mar 17, 2022
(Source: Attendance in education and early years settings during the coronavirus (COVID-19) outbreak)

NB Dept for Education is now only reporting numbers for one day a week (not daily)

201,600 Absent (2.5%)
Number of Teachers in All State Schools absent for England from Sep 7, 2021 to Mar 17, 2022
(Source: Attendance in education and early years settings during the coronavirus (COVID-19) outbreak)

- No. of Absences: 47,878
- Percent Absences: 9.1%

NB Dept for Education is now only reporting numbers for one day a week (not daily)

Thanks to Bob Hawkins for the chart
Behaviours
Percent of People Wearing Face Covering, Social Distancing and Avoiding Physical Contact in Great Britain: 2 May 2021 – 13 Mar 2022
(Source: Coronavirus and the social impacts on Great Britain Survey – 18 March 2022)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandwellbeing/bulletins/coronavirusandthesocialimpactsongreatbritain/18march2022

Thanks to Bob Hawkins for the chart
Percent of People Working from Home and Travelling to Work in Great Britain: 2 May 2021 – 13 Mar 2022
(Source: Coronavirus and the social impacts on Great Britain Survey – 18 March 2022)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandwellbeing/bulletins/coronavirusandthesocialimpactsgivinggreatbritain/18march2022
SUMMARY

• ONS shows that the number of people with Covid is rising in all nations except Northern Ireland.

• Number of people in hospital is increasing everywhere except Northern Ireland. Deaths are flat and likely to increase in next few weeks in England and Wales (and already are in Scotland).

• Boosters are waning, especially in older populations. School children are entering another big wave with big increases in children and staff off school.

• Despite back at peak numbers, people are reporting fewer protective behaviours such as mask wearing and working from home.