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

1. Prevalence of Covid
2. Hospitals & Deaths
3. Vaccinations
4. Long Covid
5. Clinically Extremely Vulnerable community

With many thanks to Bob Hawkins for his help in collating the data
Prevalence of Covid
Percent Testing Positive by Nation: 3 Sep 2021 to 24 Oct 2022
(Source: ONS Coronavirus (COVID-19) Infection Survey results)

Thanks to Bob Hawkins for the chart
Proportion of sequenced cases that are one of: BQ.1.1, BQ.1 (all of which are subvariants of Omicron).

Last week incomplete.

Hospitals & Deaths
Number of people in hospital with Covid per million people – UK nations
7 day rolling average to 2 Nov 2022

NB: NI data only up to 27 October

Data from https://coronavirus.data.gov.uk.
Number of daily hospital admissions with Covid in England to 31 Oct 2022

Hospital acquired admissions falling faster (36% drop) than community acquired (27% drop) (thanks to Adele Groyer, @adelegroyer)

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Daily Hospital Admissions by Age for England
May 1 2021 – Oct 31 2022
(Source: Covid Daily Update)

Data from https://coronavirus.data.gov.uk. Thanks to Bob Hawkins for the chart.
Number of deaths with Covid on the death certificate by week registered in the UK to 21 October 2022

Data from:
England and Wales: www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/latest
Northern Ireland: www.nisra.gov.uk/publications/weekly-deaths
Number of deaths with Covid on the death certificate by week registered in the UK to 21 October 2022

Data from:
England and Wales: www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/latest
Northern Ireland: www.nisra.gov.uk/publications/weekly-deaths
Vaccinations
Autumn 2022 Booster Coverage for Over 65’s by Nation
2 Nov, 2022


https://coronavirus.data.gov.uk/, thanks to Bob Hawkins for the chart
Autumn 2022 Booster Coverage by Age Group in England
4 Sept to 2 Nov, 2022
(Source: Covid Dashboard and ONS 2020 Population Estimates)

65% of 20-59 year olds are more than 6 months out from their last booster

https://coronavirus.data.gov.uk/
Thanks to Bob Hawkins for the Chart
Percent Likelihood of Having the Autumn Booster by Age England - 12 October to 23 October 2022
(Source: Office for National Statistics (ONS) – Opinions and Lifestyle Survey)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/articles/coronaviruscovid19latestinsights/vaccines#vaccine-sentiment

Thanks to Bob Hawkins for the Chart
Long Covid
Number of people living with Self-Reported Long Covid (4 weeks+) in the UK over last two months
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

3.3% of population

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatarelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
Percent of Population Living with Self-Reported Long Covid in the UK by Age: Sep 3 - Oct 1, 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatarelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
Impact on People Living with Self-Reported Long Covid
By Job Sector in the UK: Sep 3 - Oct 1, 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatarelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
CEV populations
ONS survey of COVID high risk group – April 2022

NHS data on Clinically Extremely Vulnerable (CEV) as at September 2021 – millions of people

<table>
<thead>
<tr>
<th># Shielded Patients in England</th>
<th># England Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,694,273</td>
<td>55,977,178</td>
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</table>

6.60% (of population)

<table>
<thead>
<tr>
<th># Shielded Patients By Age</th>
<th># England Population</th>
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<tbody>
<tr>
<td>18-29</td>
<td>159,315</td>
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<tr>
<td>30-39</td>
<td>324,807</td>
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<td>40-49</td>
<td>430,259</td>
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<td>50-59</td>
<td>581,986</td>
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<td>60-69</td>
<td>592,303</td>
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<td>70-79</td>
<td>695,617</td>
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<tr>
<td>80-89</td>
<td>650,467</td>
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<tr>
<td>90+</td>
<td>259,519</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th># Shielded Patients By Gender</th>
<th># England Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>1,939,236</td>
</tr>
<tr>
<td>Male</td>
<td>1,754,896</td>
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</table>

https://digital.nhs.uk/dashboards/shielded-patient-list-open-data-set
Health Foundation report on impact of first 2020 wave on CEV people

Figure 3: Mortality rate for CEV people compared with general population

The mortality rate for CEV people was higher and peaked sooner than for an age-matched general population.

Health Foundation report on impact of first 2020 wave on CEV people

Figure 5: CEV health care service use in North West London
In North West London, CEV people had higher rates of service use and this dropped sharply during the pandemic

Percent of Shielding Population (16-69 Years Old) Unvaccinated, First Dosed, Second Dosed and Fully Vaccinated by Deprivation in England as at 22 Jun
(Source: OpenSAFELY Vaccination Reports)

https://reports.opensafely.org/reports/vaccine-coverage/

Thanks to Bob Hawkins for the chart
Percent of Shielding Population (16-69 Years Old) Unvaccinated, First Dosed, Second Dosed and Fully Vaccinated by Ethnicity in England as at 22 Jun
(Source: OpenSAFELY Vaccination Reports)

https://reports.opensafely.org/reports/vaccine-coverage/
Thanks to Bob Hawkins for the chart
Most CEV people think the pandemic poses a major or significant risk to their physical health.
Only 17% of CEV people say they are no longer taking any precautions.
Many CEV people are restricting their daily lives
Most are continuing to wear a mask.

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronavirusandclinicallyextremelyvulnerablepeopleinengland
Percent of People Living with Self-Reported Long Covid in the UK by Health Status: Sep 3 - Oct 1, 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatarelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
Impact on People Living with Self-Reported Long Covid in the UK by Health Status: Sep 3 - Oct 1, 2022
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatapertainingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
SUMMARY

• Infection rates are coming down in England and Wales, flat in Scotland and increasing in N Ireland.

• However, BQ.1/BQ.1.1 variants still increasing but not as fast as originally expected.

• Hospital admissions are coming down fast at the moment which is good.

• Long Covid numbers high (> 2 million) but slight drop since last month

• Clinically Extremely Vulnerable community have experienced a harder pandemic and this is ongoing, while protections have been steadily removed.