Latest numbers on COVID-19 in the UK – 14 January 2022

1. Vaccination
2. Cases
3. Hospitals
4. Deaths
5. Children and Schools

With many thanks to Bob Hawkins for his help in collating the data
Vaccination data
Number of First, Second, and Booster Doses given by Day in the UK
11 Jan, 2021 to 12 Jan, 2022
(Source: Covid Daily Update)

Jan 12 Vaccinations
Boosters: 126,632
Second: 30,340
First: 19,520

Thanks to Bob Hawkins for the chart
Percent of Total Population Unvaccinated, First Dosed, Second Dose, and Fully Vaccinated with Booster as at 12 Jan
(Source: Covid Daily Update and Mid-2020 ONS Population Estimates)

Date: 12-Jan-22

Thanks to Bob Hawkins for the chart
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Cases
Number of new UK confirmed COVID-19 cases by reported date (people who have had a positive test) to 13 January 2022

Data from https://coronavirus.data.gov.uk
Cases per 100,000 people per rolling week by home nation by date of test to 8 January 2022

NB: many people with a positive LFD will not get a PCR or register their test.

Reinfections not yet included in England (or Scotland?) but are in Wales and NI.

Data from https://coronavirus.data.gov.uk
Positivity Rate for Home Nations to 8 January 2022

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

Visualisation courtesy of Bob Hawkins
ONS Infection survey – modelled % of population testing positive for Covid-19 in England
(Random sampling - does NOT depend on symptoms, testing seeking or test availability to 6 January 2022)

Estimated number of people with COVID-19 in the week ending 6 January 2022
(not living in hospitals, care homes and/or other communal establishments)

- England: 1 in 15
- Wales: 1 in 20
- N. Ireland: 1 in 20
- Scotland: 1 in 20

Data from
https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/12january2022
Number of new England confirmed COVID-19 cases per 100,000 people per rolling 7 days by region to 7 January

Data from https://coronavirus.data.gov.uk.
Percentage of people testing positive for Covid by English region to 7 January

Data from https://coronavirus.data.gov.uk.
Percentage of people testing positive for Covid by English region to 7 January

Figure 2: The percentage of people testing positive for COVID-19 was highest in the North West in the week ending 6 January 2022. Modelled daily percentage of the population testing positive for coronavirus (COVID-19) on nose and throat swabs by region, England, 26 November 2021 to 6 January 2022.

Source: Office for National Statistics – Coronavirus (COVID-19) Infection Survey

Data from https://coronavirus.data.gov.uk.
Hospitals
Number of people in hospital with Covid per million people – UK nations
7 day rolling average to 1 Apr 2020 – 13 Jan 2022

Data from https://coronavirus.data.gov.uk.
Number of Occupied Adult Critical Care Beds in England

(Source: NHS England Urgent and Emergency Care Daily Situation Reports 2021-22)


Thanks to Bob Hawkins for the chart
Number of hospital admissions with Covid every day in England to 11 Jan 2022

Flattening is encouraging given 3% of >70s and 5% of 50-69 year olds had Covid first week of January – boosters!

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
7-day average of daily number of new hospital admissions with COVID-19 per day / million people across different regions in England

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Number people in hospital with COVID-19 per day / million people across different regions in England

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
- Covid NOT primary diagnosis

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

Number of people in hospital with Covid in London by primary reason

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

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Percent of All Staff Absent from NHS Acute Hospital Trusts by Region

Week on Week Increase

(Source: NHS England Urgent and Emergency Care Daily Situation Reports 2021-22)

Monthly Staff Absent Percentage

<table>
<thead>
<tr>
<th>Month</th>
<th>2019/20</th>
<th>2020/21</th>
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<tbody>
<tr>
<td>December</td>
<td>4.7%</td>
<td>5.1%</td>
</tr>
<tr>
<td>January</td>
<td>4.6%</td>
<td>5.7%</td>
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Thanks to Bob Hawkins for the chart
Average Ambulance Response Times (Minutes) by Urgency in England
Jan 2018 to Dec 2021
(Source: NHS England Ambulance Quality Indicators 2021-22)


Thanks to Bob Hawkins for the chart
Average Ambulance Response Times (Minutes) for the Most Urgent Calls in England: Jan 2018 to Dec 2021
(Source: NHS England Ambulance Quality Indicators 2021-22)


Thanks to Bob Hawkins for the chart
Percent of A&E attendances greater than 4 hours from arrival to admission, transfer or discharge by Month and Year for England
(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 13 January 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 7 January 2022

We’re seeing the highest number of deaths since February 2021

Data from https://coronavirus.data.gov.uk/
Children and schools
Cases per 100,000 people per week for different age groups in England to 7 January

Data from https://coronavirus.data.gov.uk/
Cases per 100,000 people per week for different age groups in North East to 7 January

Data from https://coronavirus.data.gov.uk/
Cases per 100,000 people per week for different age groups in London to 7 January

Data from https://coronavirus.data.gov.uk/
Daily Covid hospital admissions in England for all children (0-18 yrs) since the start of the pandemic to 11 Jan 2022

Data from [https://coronavirus.data.gov.uk/](https://coronavirus.data.gov.uk/)
Number of Pupils in All State Schools absent due to Covid-19 for England by School from Sep 7, 2021 to Jan 6, 2022
(Source: Attendance in education and early years settings during the coronavirus (COVID-19) outbreak)


Thanks to Bob Hawkins for the chart
Number of Teachers in All State Schools absent for England from Sep 7, 2021 to Jan 6, 2022
(Source: Attendance in education and early years settings during the coronavirus (COVID-19) outbreak)

Covid Absences 25,222
Other Absences 18,927
All Absences 8.6%


Thanks to Bob Hawkins for the chart
SUMMARY

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• Children – particularly school age children – are the only age groups where cases are rising. Hospitalisation in children is much higher than it has been. School disruption is already high from both sick students and sick teachers. Without addressing transmission in schools, the Omicron wave will be prolonged by weeks.