Latest numbers on COVID-19 in the UK – 1 April 2022

1. Vaccination
2. Prevalence of Covid
3. Hospitalisations
4. Deaths
5. Behaviours
6. Occupations...

With many thanks to Bob Hawkins for his help in collating the data
Vaccination
Number of First, Second, and Booster Doses given by Day in the UK
Jan 11, 2021 to Mar 30, 2022
(Source: Covid Daily Update)

Mar 30 Vaccinations
Autumn Boosters: 16,723
Second Dose: 12,584
First Dose: 5,513
Percent of Over 75 Year Olds in England that are Unvaccinated, First Dose, Second Dose, Autumn Booster and Fully Vaccinated with Spring Booster as at Mar 30

Since 18 March

Prevalence of Covid
Percent of population testing positive each week by nation:
1 Aug 2020 to 26 March 2022
ONS Infection Survey (random testing)

Note Scotland’s BA.2 rise started about 2 weeks before England & Wales

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata.
Percent Testing Positive by Region: 26 Mar vs Prior Weeks
(Source: Coronavirus (COVID-19) Infection Survey results, UK: 1 Apr 2022)

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/1april2022.
Thanks to Bob Hawkins for the chart
Percent Testing Positive by Age for England: 26 Mar vs Prior Weeks
(Source: Coronavirus (COVID-19) Infection Survey results, UK: 25 Mar 2022)

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/1april2022.
Thanks to Bob Hawkins for the chart.
ONS modelled percentage of people over 70 testing positive (prevalence) each day over last four months to 26 March 2022

Data from https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata
Hospitals
Number of people in hospital with Covid per million people – UK nations
7 day rolling average to 30 Mar 2022

Data from https://coronavirus.data.gov.uk.
Number of daily hospital admissions with Covid in England to 30 Mar 2022

Likely to rise for at least another week as we’ve not peaked yet – especially among older people.

Number of daily hospital admissions with Covid in Scotland to 27 March 2022

Hopefully admissions in Scotland have peaked for this wave
Number of people in hospital with Covid in England by primary reason to 29 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.

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
In-hospital transmission is high with Omicron
Percent of Staff Absent from NHS Acute Hospital Trusts in England
7 Apr 2021– 27 Mar 2022 Compared to prior Years
(Source: NHS England Urgent and Emergency Care Daily Situation Reports 2021-22)

65,145 Absent (6.9%)
Deaths
Number of deaths with Covid on the death certificate by week registered in N Ireland to w/e 18 March 2022

Number of deaths with Covid on the death certificate by week registered in England and Wales to w/e 18 March 2022

Data from https://coronavirus.data.gov.uk/
Number of deaths with Covid on the death certificate by week registered in Scotland to w/e 28 March 2022

Protective behaviours
Impact of easing of public health measures on behaviours
(Source: ONS Coronavirus and the social impacts on Great Britain Report – 1 Apr 2022)

Percentage of adults practising preventative measures to slow the spread of coronavirus (COVID-19), Great Britain, January 2021 to March 2022

- Used a face covering when outside their home in the past seven days
- Always/often maintaining social distancing when meeting up with people outside their household
- Self-isolated in the past seven days
- Taken a rapid lateral flow test in the past seven days

Source: Office for National Statistics – Opinions and Lifestyle Survey (COVID-19 module)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandwellbeing/datasets/coronavirusandselfisolationaftertestingpositiveinengland
Percent of People Wearing Masks when leaving the house while symptomatic or during the self-isolation period in England: 13 Mar 2021 – 8 Mar 2022
(Source: ONS Coronavirus and self-isolation after testing positive in England Report – 29 March 2022)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandwellbeing/datasets/coronavirusandselfisolationaftertestingpositiveinengland

Thank you to Bob Hawkins for the slide
Percent of People Following Self-isolation Advice for the Full Isolation Period in England for 13 Mar 2021 – 8 Mar 2022
(Source: ONS Coronavirus and self-isolation after testing positive in England Report – 29 March 2022)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandwellbeing/datasets/coronavirusandselfisolationaftertestingpositiveinengland

Thank you to Bob Hawkins for the slide
Percent of People Following Self-isolation Advice for the Full Isolation Period by Income / Job Security and Deprivation Level for Week Ending 8 Mar 2022
(Source: ONS Coronavirus and self-isolation after testing positive in England Report – 29 March 2022)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandwellbeing/datasets/coronavirusandselfisolationaftertestingpositiveinengland

Thank you to Bob Hawkins for the slide
Workforce
Statutory Sick Pay as a Percent of Earnings by Country
(Source: New Statesman, December 2021)

The UK has one of the lowest sick pay rates in Europe
Mandatory sick pay as a % of earnings in the first 2 weeks, selected countries

Austria 100
Germany 100
Norway 100
France 90
Netherlands 70
Spain 60
Belgium 50
Italy 50
Ireland* 37
UK 20

Includes Covid expansion of benefits when applicable. *Ireland currently has no SSP but applies a Covid benefit.
Source: EC; TUC (UK calculation based on average earnings); OECD; NS research


Thank you to Bob Hawkins for the slide
Likelihood of Working From Home by Earnings and Occupation

(Source: ONS analysis of which jobs can be done from home, July 2020)

Least Likely to be able to work from home

Unlikely to be able to work from home

Most likely to be able to work from home

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/articles/whichjobscanbedonefromhome/2020-07-21

Thank you to Bob Hawkins for the slide
Main Reasons for Sickness Absences in the UK for 2020
(Source: Sickness absence in the UK labour market report, March 2021)

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/datasets/sicknessabsenceinthelabourmarket

Thank you to Bob Hawkins for the slide
UK Sickness Absence Rate by Key Worker Job: 2019 to 2020
(Source: Sickness absence in the UK labour market report, March 2021)

https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/datasets/sicknessabsenceinthelabourmarket

Thank you to Bob Hawkins for the slide
Male Age Adjusted Deaths per 100K by Occupation in England and Wales from Mar – Dec 2020
(Source: ONS Coronavirus related deaths by occupation for England and Wales Report, Jan 2021)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/causesofdeath/datasets/coronaviruscovid19relateddeathsbyoccupationenglandandwales

Thank you to Bob Hawkins for the slide
Vaccination by occupation group (ONS)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthinequalities/bulletins/coronavirusandvaccinationratesinpeopleaged18to64yearsbyoccupationengland/28february2022
SUMMARY

• The spring booster programme has started.

• ONS shows that the number of people with Covid is rising in England and Wales. Scotland has likely peaked and England hopefully this week. But will cases stay high as in N Ireland?

• Number of people in hospital is increasing except in N Ireland. Deaths are flat in England and Wales, reducing in NI but going up in Scotland.

• Work: those on lowest incomes least able to work from home and least able to stay home if sick given inadequate sick pay.