Data Presentation
14 October 2022

• Infections were rising in England (ONS survey to 3 October, levelling off elsewhere)
• Hospitalizations appear to be stabilising
• Omicron variant ‘soup’ – no clear variant but many with significant growth potential & potential for further hospitalisations
• Relative In-hospital transmission appears to be decreasing
• Intense Hospital/Ambulance pressure increasing

Thanks to Bob Hawkins for preparing charts
INFECTIONS
Percent Testing Positive by Nation: 3 Sep 2021 to 29 Sep/3 Oct 2022
(Source: ONS Coronavirus (COVID-19) Infection Survey results)

Thanks to Bob Hawkins for the chart
Percent Testing Positive by Age for England: Recent Trend
(Source: ONS Coronavirus (COVID-19) Infection Survey results)

Thanks to Bob Hawkins for the chart
Percent Testing Positive by School Age in England
22 Aug 2021 to 3 Oct 2022
(Source: ONS Coronavirus (COVID-19) Infection Survey results)

Thanks to Bob Hawkins for the chart.
HOSPITAL DATA
Daily Hospital Admissions by Age for England
May 1 2021 – Oct 10 2022
(Source: Covid Daily Update)
Daily Occupied Beds for England: May 1 2021 – Oct 12, 2022
(Source: Covid Daily Update)
(Source: NHS COVID-19 Hospital Activity)

Daily Occupied Beds by Primarily and Incidental Covid for Regions: Recent Weekly Trend to Oct 11
(Source: NHS COVID-19 Hospital Activity)

HOSPITAL/AMBULANCE KPIs
Average Ambulance Response Times (Minutes) by Urgency in England
Jan 2018 to Sep 2022
(Source: NHS England Ambulance Quality Indicators 2021-22)

Average Ambulance Response Times (Minutes) for the Most Urgent Calls in England: Jan 2018 to Sep 2022
(Source: NHS England Ambulance Quality Indicators 2021-22)

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)

Percent of A&E attendances greater than 12 hours from ‘decision to admit’ to hospital admission for England: Nov 2010 – Sep 2022
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

32,776 A&E Patients (6.7%) waited longer than 12 hours from ‘decision to admit’ to admission in Sep 2022

NHS England Staff Sickness Absence due to Covid and Other Reasons
Jan 2022 – Oct 5, 2022
(Source: NHS Monthly COVID-19 Hospital Activity Report)

Number of Patients Waiting for Treatment in England (Jan 2016 to Aug 2022)
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

One in Eight People were Waiting to Start Treatment in August 2022 in England

Percent of Patients Starting Non-Emergency Consultant Treatment within 18 Weeks of Referral by Month for England (Jan 2016 to Aug 2022)
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

Percent of Patients Waiting Longer than One Year to Start Non-Emergency Consultant Treatment by Month for England (Jan 2016 to Aug 2022)
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

387,257 Patients (5.5%) waited longer than One Year to Start Treatment in Jul 2022

Number of Patients Waiting Longer than 6 and 13 Weeks for Diagnostic Tests by Month for England (Jan 2016 to Aug 2022)
(Source: NHS Monthly A&E Attendances and Emergency Admissions)

Percent of Patients Waiting Longer than Two Months to Start Treatment following an Urgent GP Referral by Month: England (Jan 2016 to Aug 2022)
(Source: NHS Monthly Cancer Waiting Times Report)

VACCINATIONS
Autumn 2022 Booster Coverage for Over 65’s by Nation
Oct 12, 2022

(Source: Covid Dashboard and ONS 2020 Population Estimates)

England: 53%
Scotland: 50%
Wales (Oct 5): 36%
Northern Ireland: 26%

https://coronavirus.data.gov.uk/
Autumn 2022 Booster Coverage for 65 to 74 Year Olds and Over 75's in England: Sep 4 to Oct 12, 2022
(Source: Covid Dashboard and ONS 2020 Population Estimates)

https://coronavirus.data.gov.uk/
How to get a booster dose of the coronavirus (COVID-19) vaccine

There are 2 booster doses of the coronavirus (COVID-19) vaccine you may be able to get:

- a 1st booster for everyone aged 16 and over, and some people aged 12 to 15 who are at high risk from COVID-19, once they have completed their primary COVID-19 vaccination course
- a seasonal booster (autumn booster) for some people, including those aged 50 years or over, those at high risk from COVID-19 or who are pregnant, and frontline health and social care workers

If you've not had a 1st booster dose yet, you're still eligible and can book anytime. If you're eligible for both, you only need 1 booster during the autumn.
SARS-CoV2 LINEAGE FREQUENCIES IN UNITED KINGDOM

GISAID data up to 2022-10-13 plus COG-UK data, multinomial fit variant ~ ns(date, df=2)+ns(date, df=2):continent+country, only UK shown here

https://twitter.com/TWenseleers/status/1580701729460715521/photo/1
Data Presentation
14 October 2022

• Infections were rising in England (ONS survey to 3 October, levelling off elsewhere)
• Hospitalizations appear to be stabilising
• Omicron variant ‘soup’ – no clear variant but many with significant growth potential & potential for further hospitalisations
• Relative In-hospital transmission appears to be decreasing
• Intense Hospital/Ambulance pressure increasing

Thanks to Bob Hawkins for preparing charts