

Latest numbers on COVID-19 in the UK – 9 December 2022

1. Vaccinations
2. Prevalence
3. Hospitals
4. Deprivation

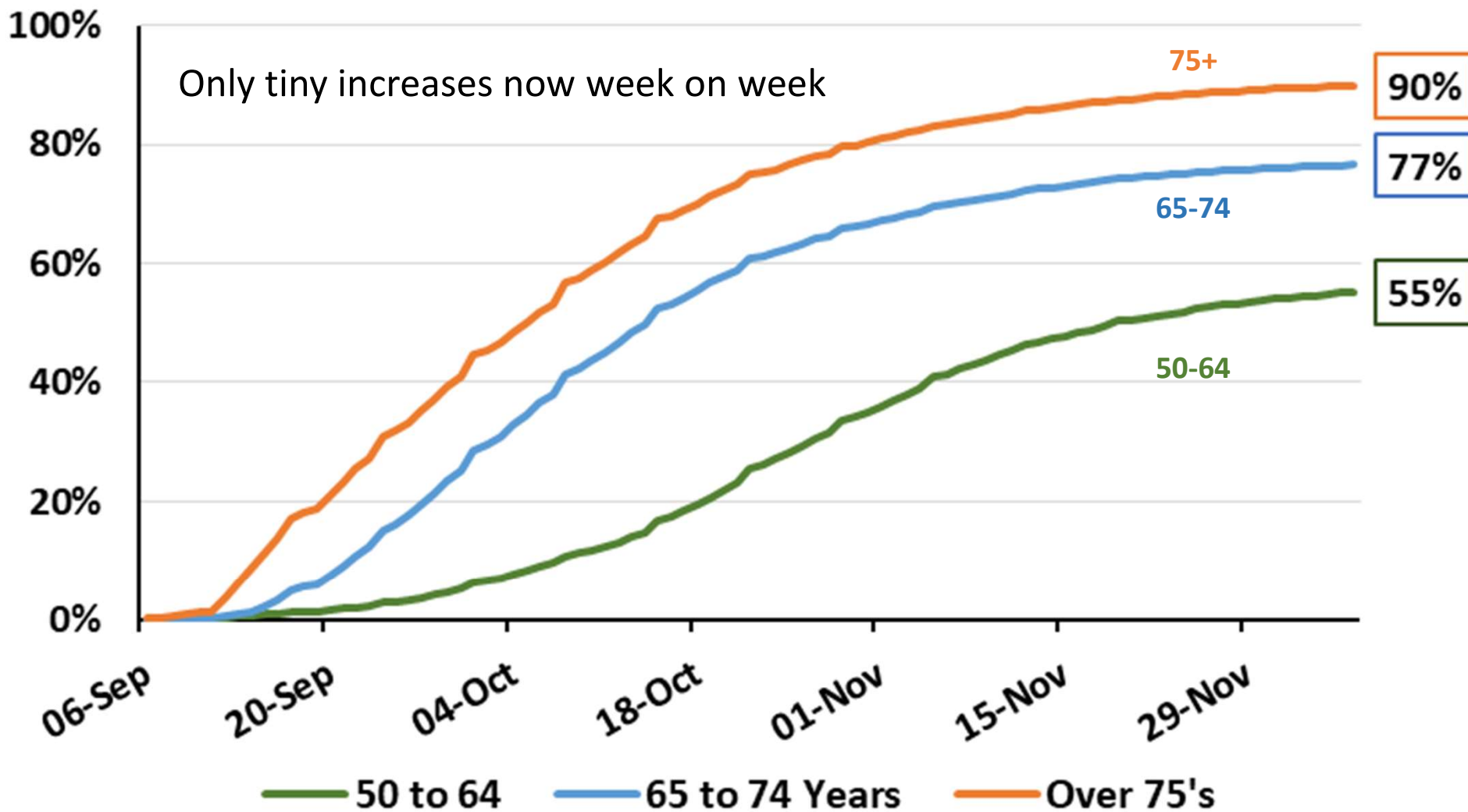
With many thanks to Bob Hawkins for his help in collating the data

Vaccinations

Autumn 2022 Booster Coverage by Age Group in England

Sep 4 to Dec 7, 2022

(Source: Covid Dashboard and ONS 2020 Population Estimates)



England Aut 2022 Booster

07-Dec

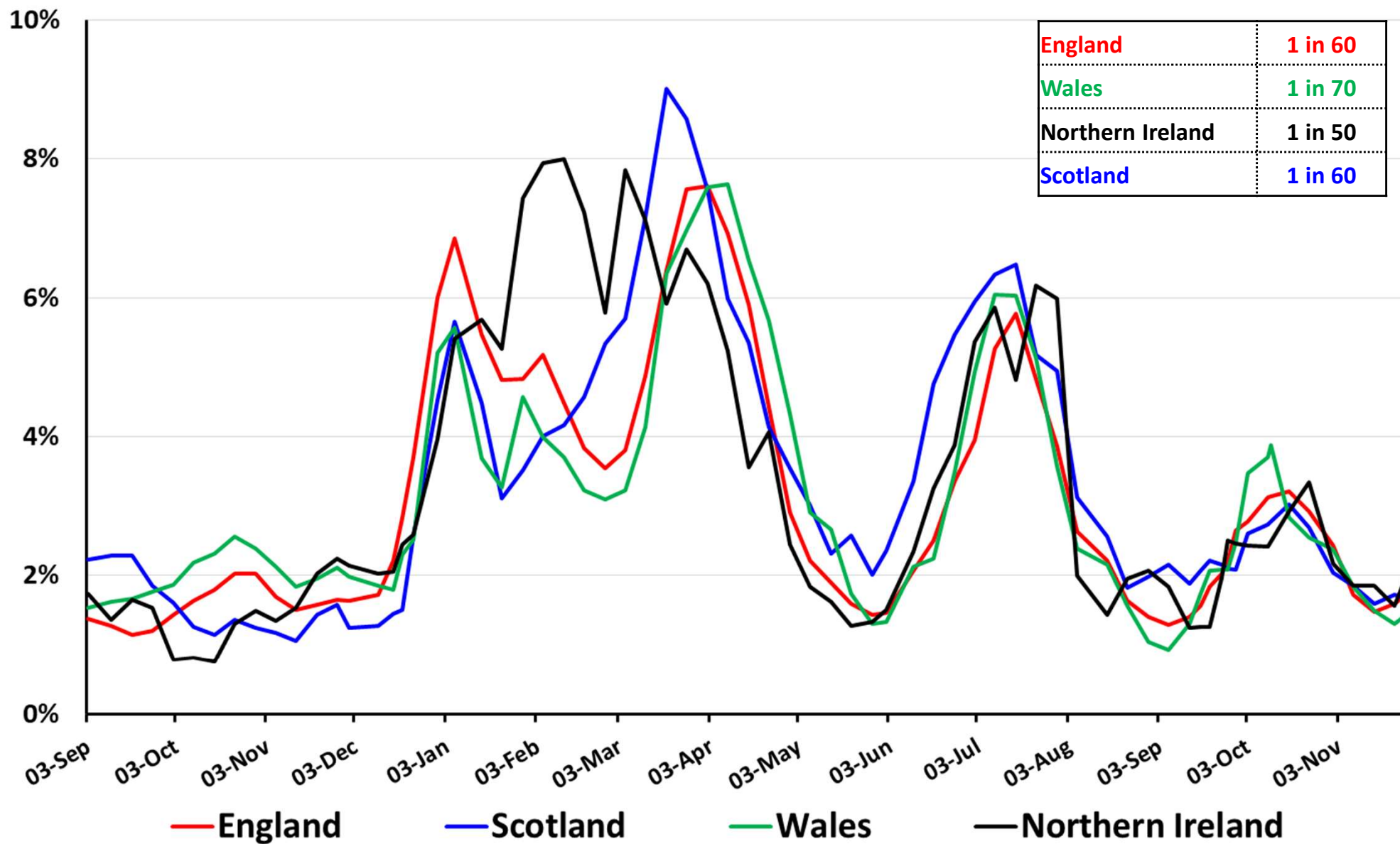
<https://coronavirus.data.gov.uk/>

Thanks to Bob Hawkins for the Chart

Prevalence

Percent Testing Positive by Nation: 3 Sep 2021 to 26 Nov 2022

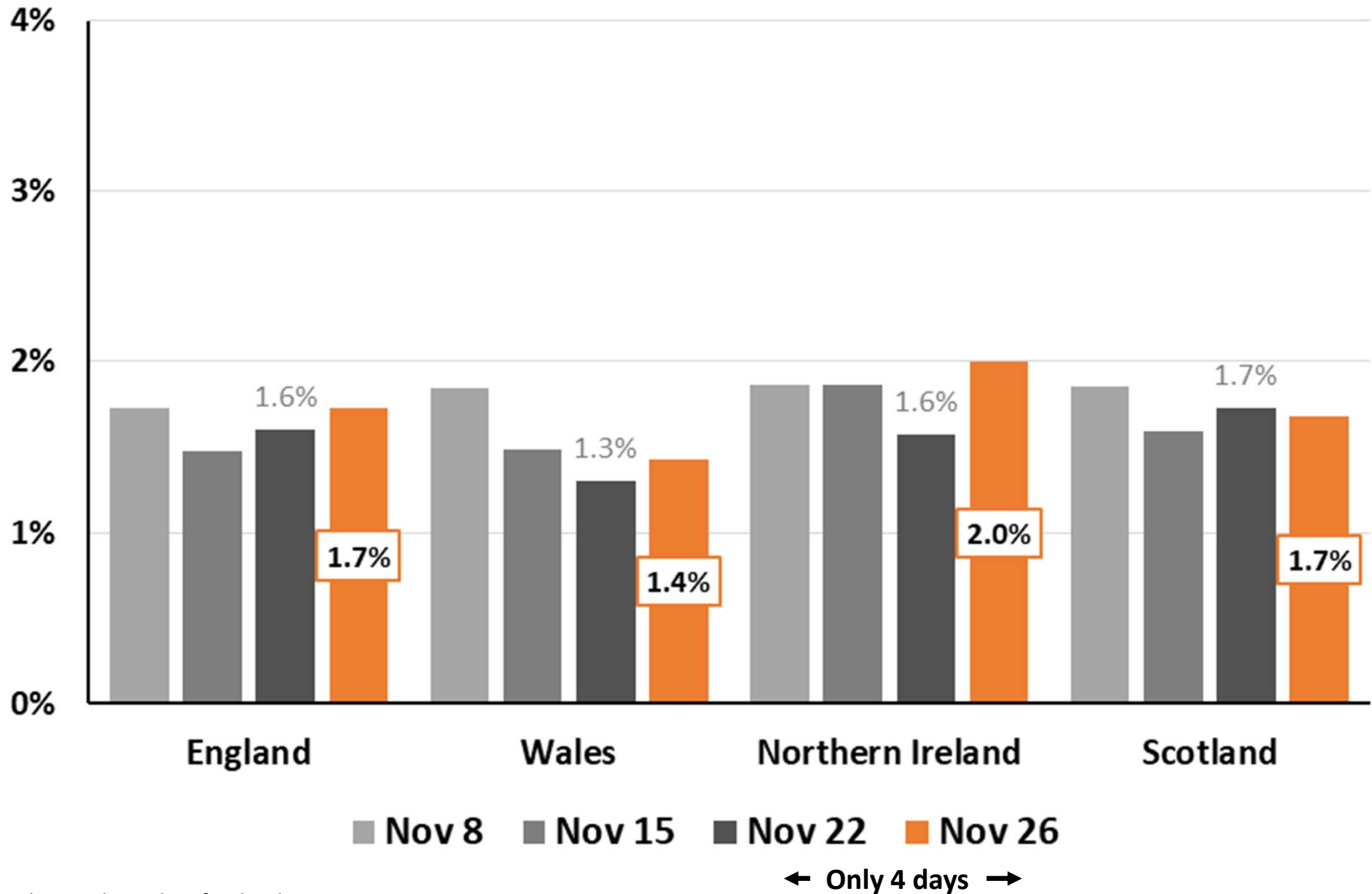
(Source: ONS Coronavirus (COVID-19) Infection Survey results)



Thanks to Bob Hawkins for the chart

Percent Testing Positive by Home Nation: Recent Trend

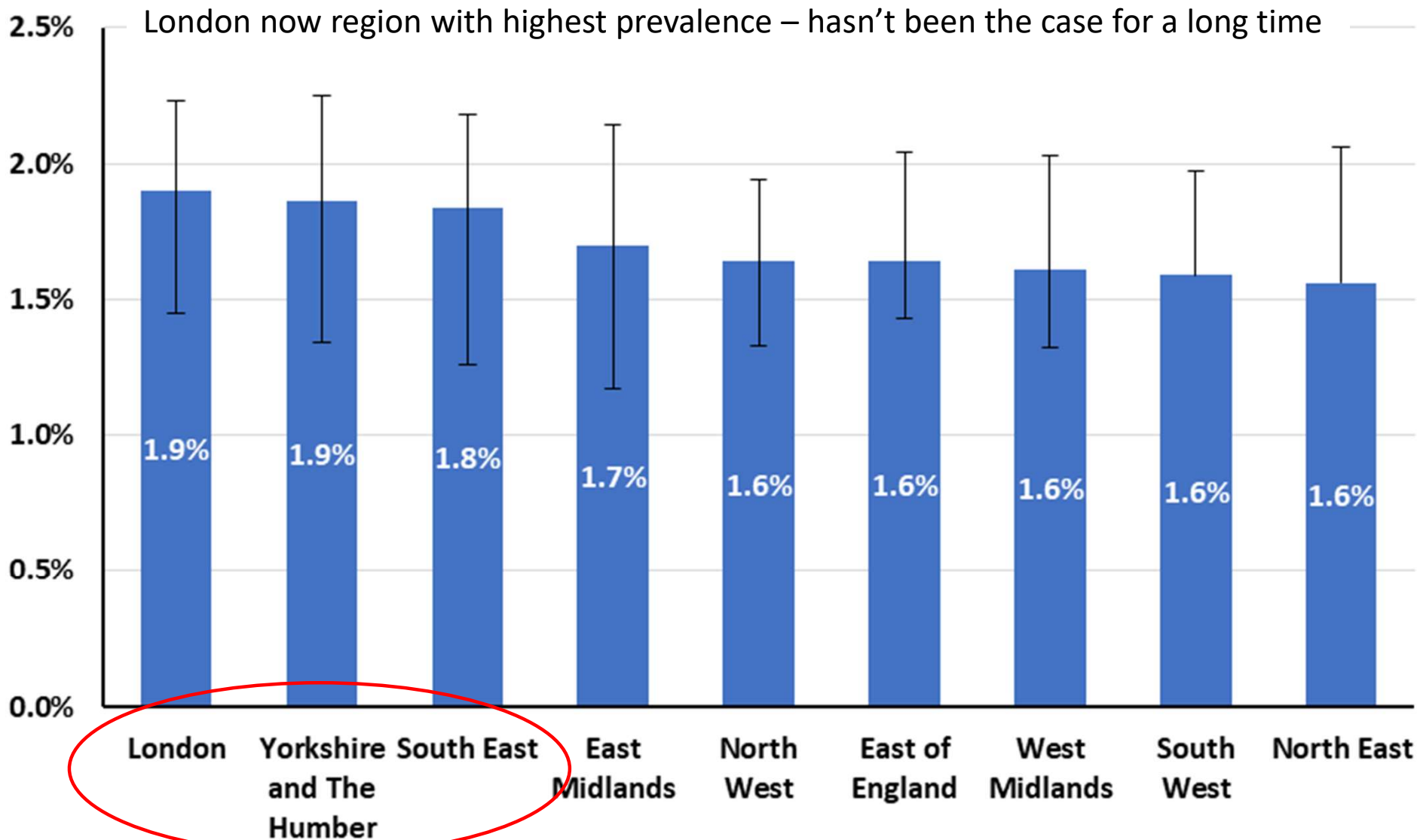
(Source: ONS Coronavirus (COVID-19) Infection Survey results)



Thanks to Bob Hawkins for the chart

Percent Testing Positive by Region: 26 Nov 2022

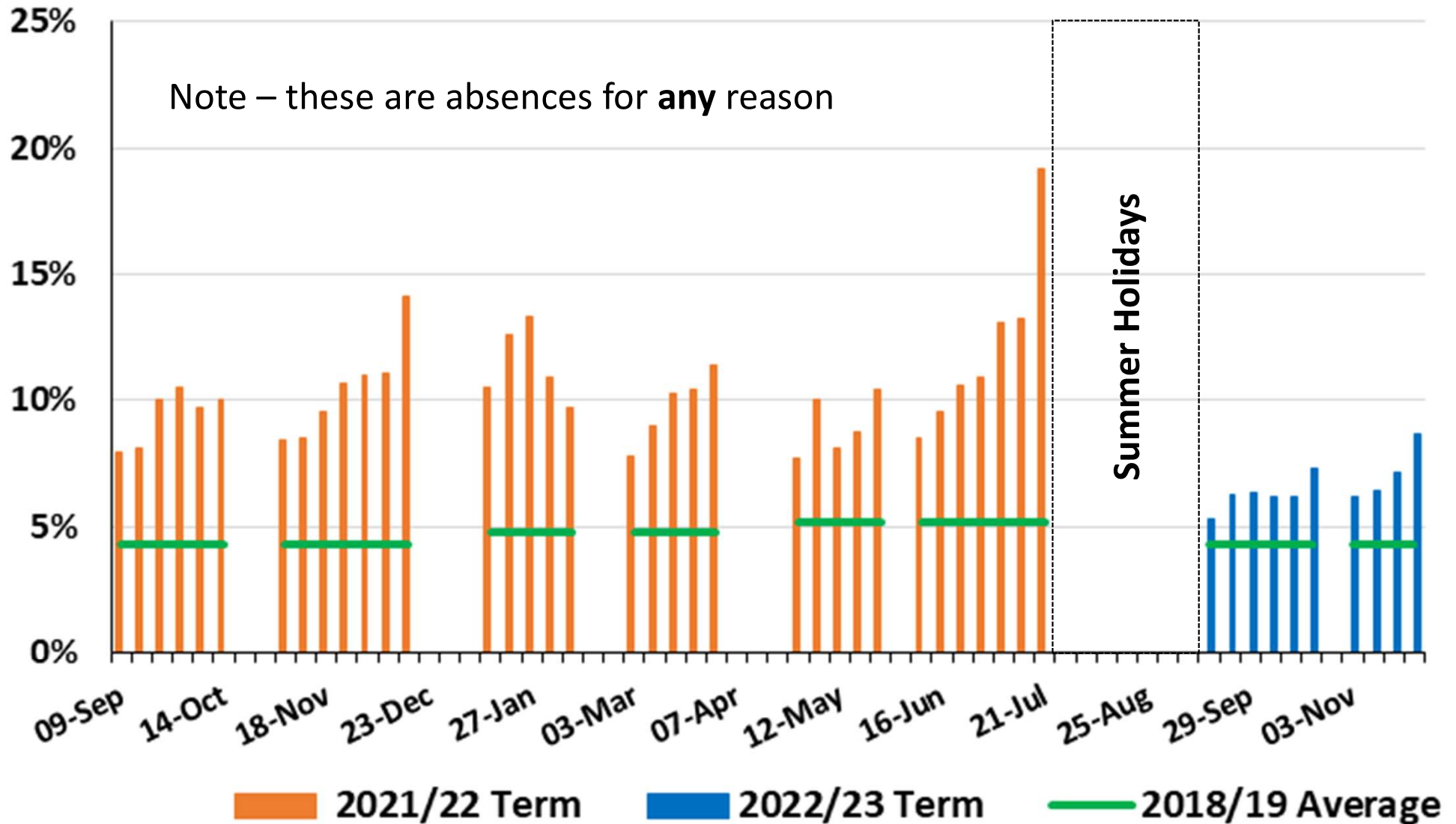
(Source: ONS Coronavirus (COVID-19) Infection Survey results)



These regions also increasing fastest

Percent of Students Absent from All State Schools in England from Sep 9, 2021 to Nov 24, 2022

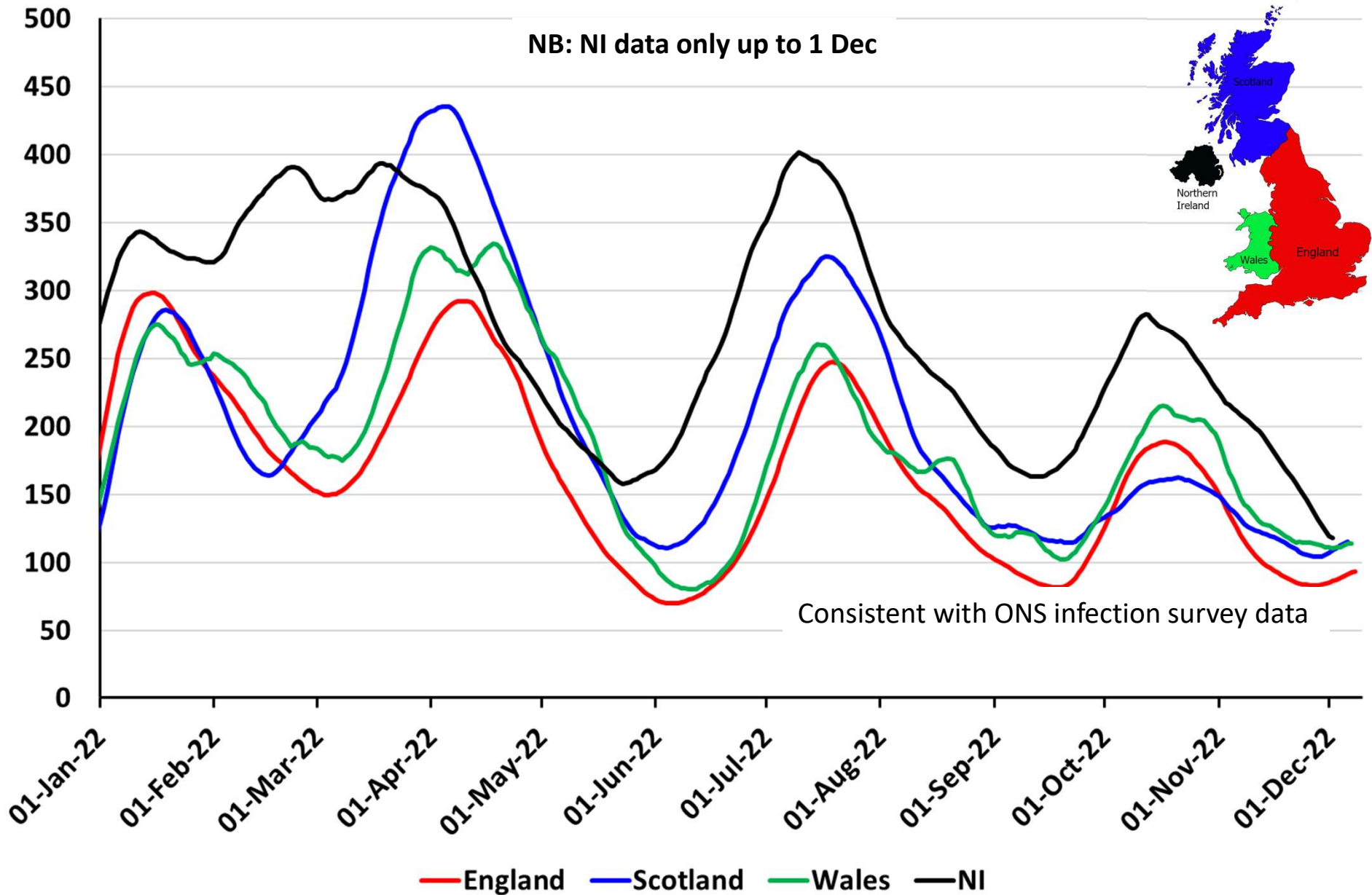
(Source: Attendance in education and early years settings during the coronavirus (COVID-19) outbreak and Pupil attendance in schools reports)



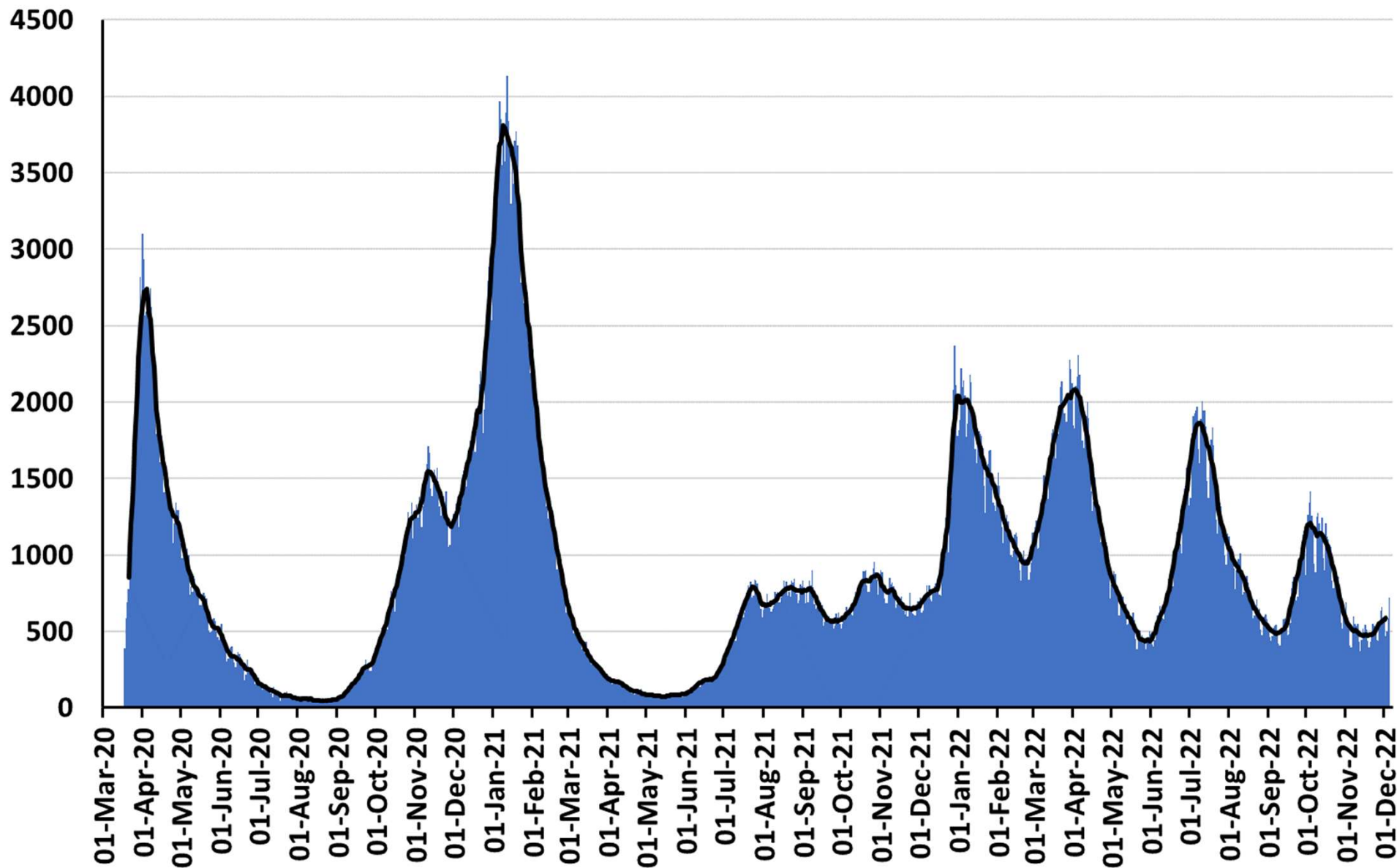
Hospitals

Number of people in hospital with Covid per million people – UK nations

7 day rolling average to 7 Dec 2022



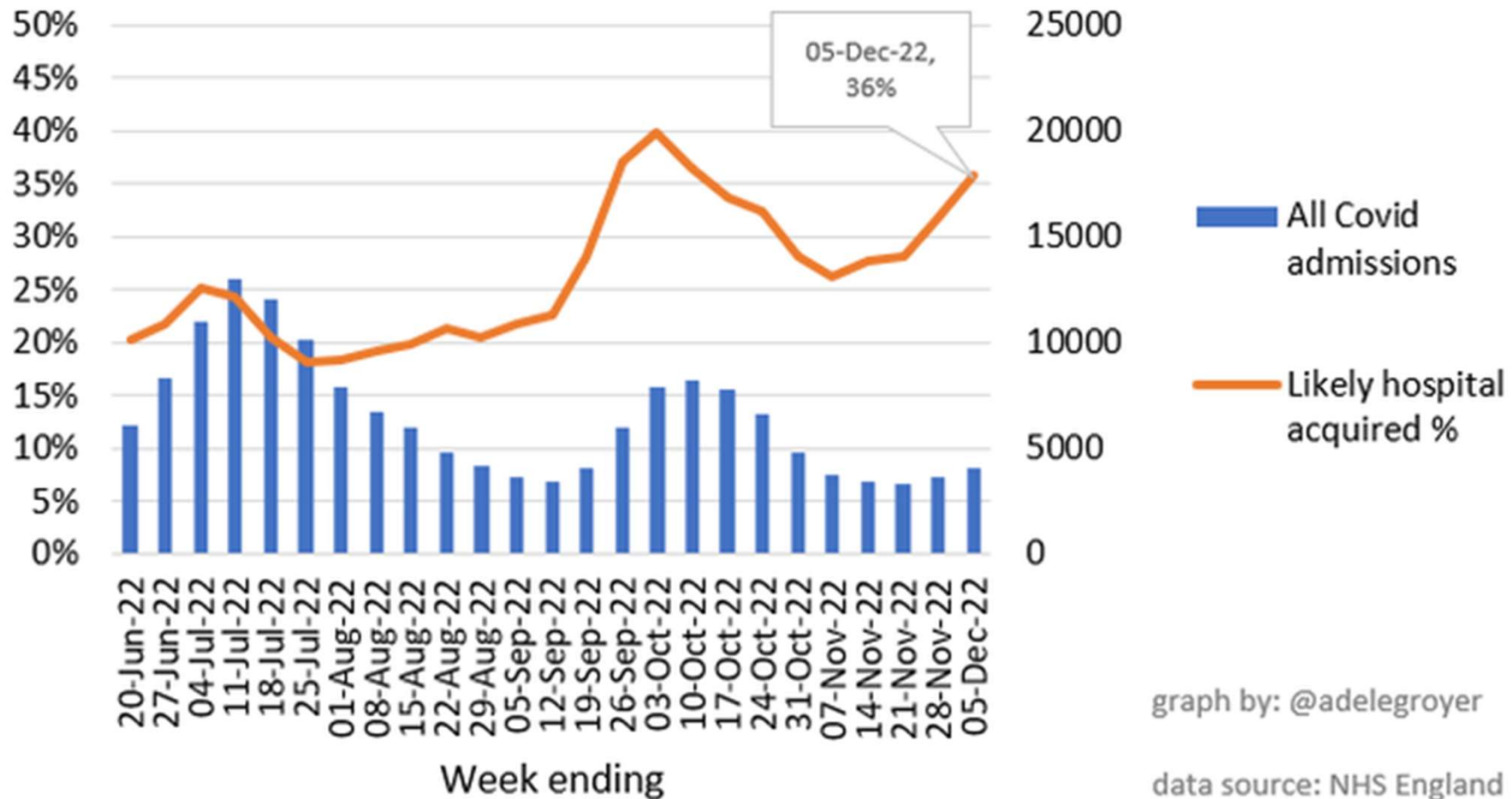
Number of daily hospital admissions with Covid in England to 5 Dec 2022



Data from <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/>

Over a third are people who acquired Covid in hospital

Weekly Covid hospital admissions in England



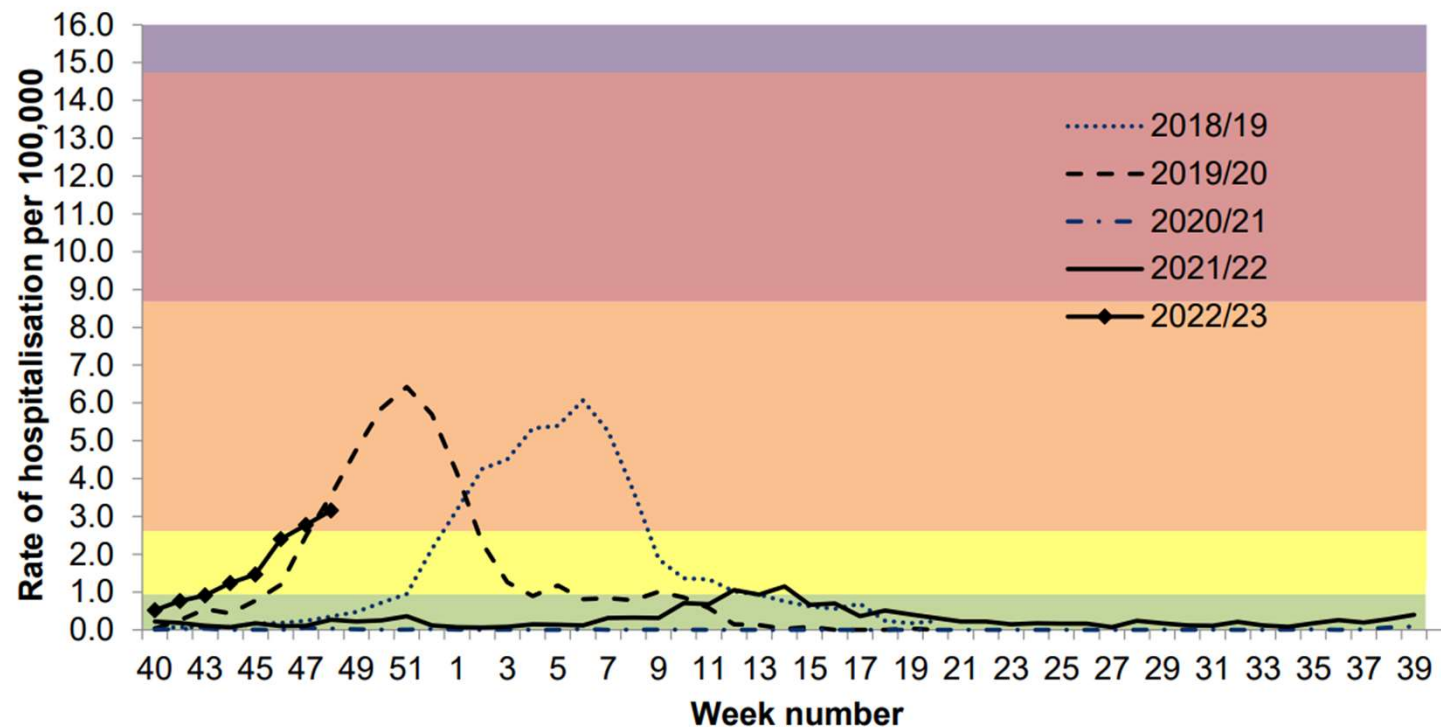
graph by: @adelegroyer

data source: NHS England COVID-19 Hospital Activity

Rising Flu admissions in England – data to 4 December 2022

So far most like 2019/2020.

Figure 35: Weekly overall influenza hospital admission rates per 100,000 trust catchment population with MEM thresholds, SARI Watch, England



Good news is that looks like rhinovirus & RSV are declining for now

Good news is that looks as if things are stabilising this last month.
 Bad news is that they are stabilising at a bad level.

Full details in Kit Yates' thread today:

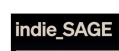
https://twitter.com/Kit_Yates_Maths/status/1601150468948099074?s=20&t=cFq-6A3MxGeuJ6ve98LGbw



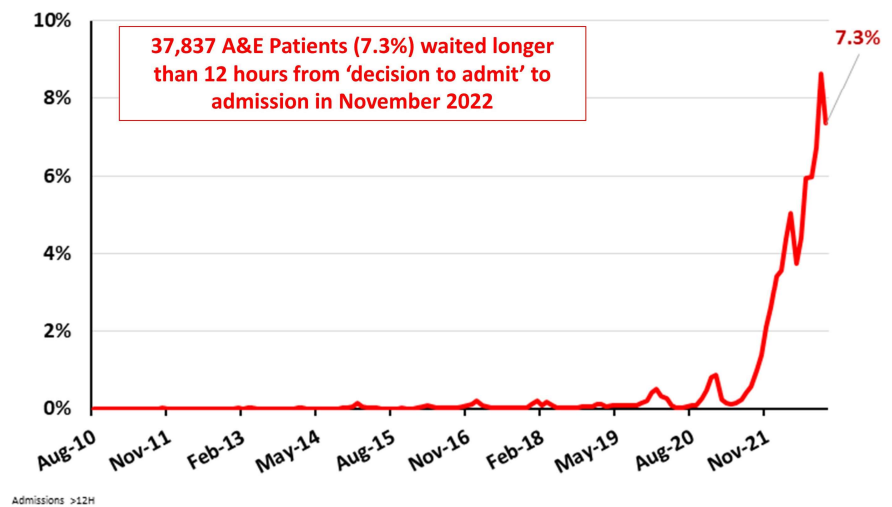
Number of Patients Waiting for Treatment in England (Jan 2016 to Oct 2022)
 (Source: NHS Monthly A&E Attendances and Emergency Admissions)



<https://www.england.nhs.uk/statistics/statistical-work-areas/rtt-waiting-times/rtt-data-2021-22/>



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

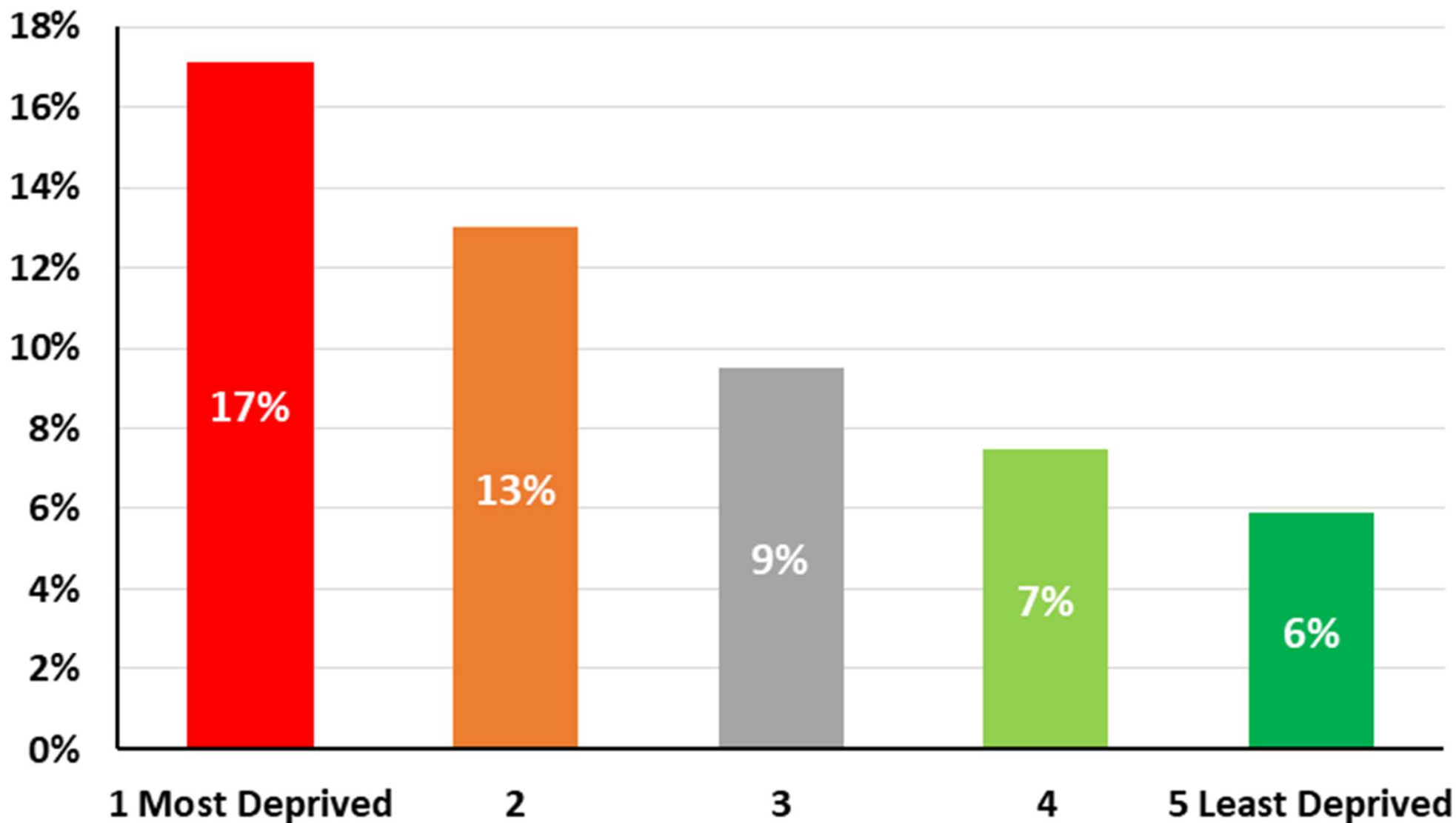


<https://www.england.nhs.uk/statistics/statistical-work-areas/ae-waiting-times-and-activity/>

Deprivation

Percent of Over 18's **Unvaccinated** by Deprivation Quintile in England as at Jul 2022

(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool. Note that the study population consists of people alive at the end of the specified month, who were resident in England, registered with a general practitioner, and were enumerated at the 2011 Census.)



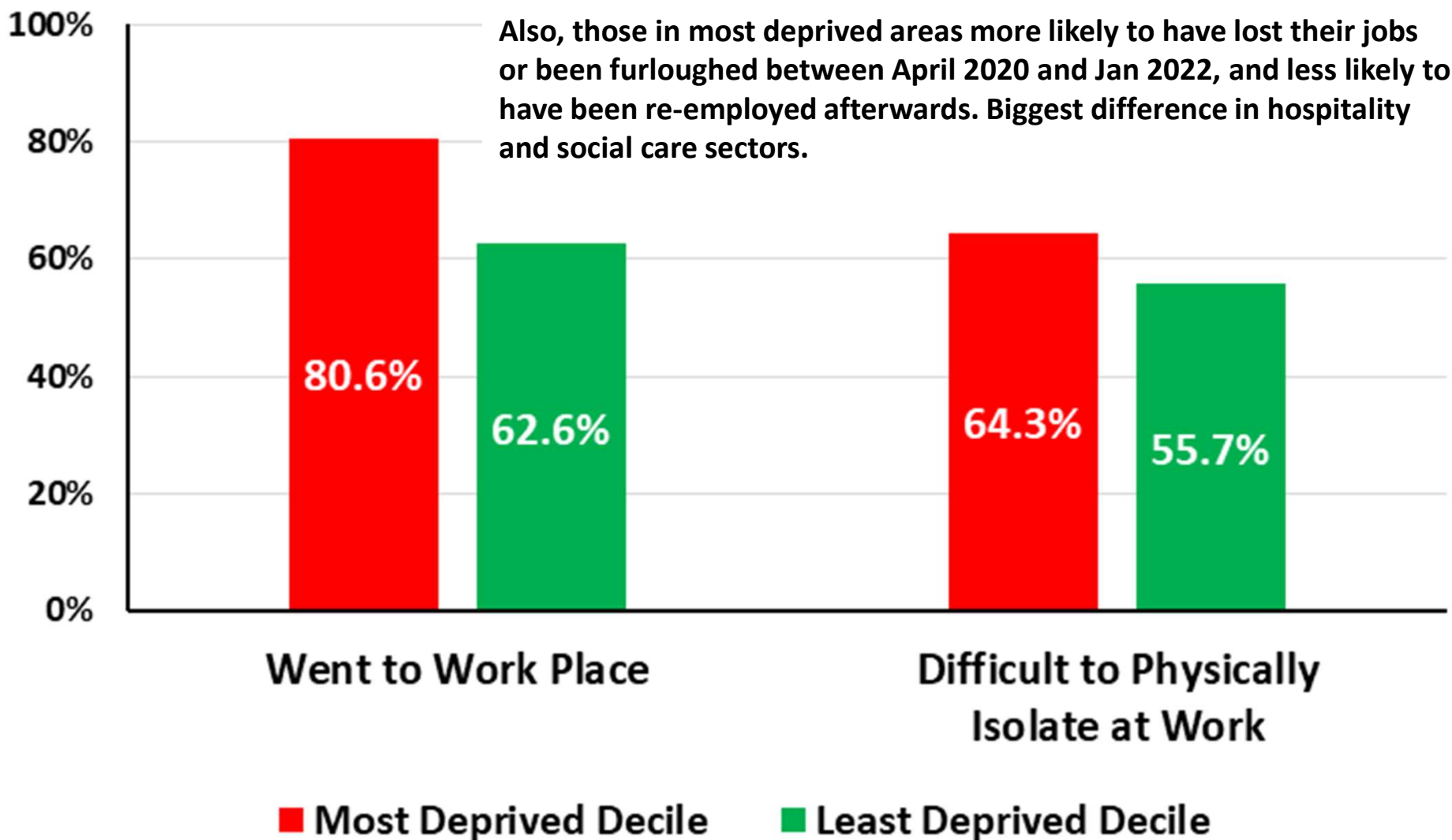
Unvaccinated 18+

Thanks to Bob Hawkins for the chart

<https://analytics.phe.gov.uk/apps/chime/>

Reported **Work Related Risk** by Deprivation in the UK for the Period Apr 2020 to Jan 2022, led by Dr Nazrul Islam

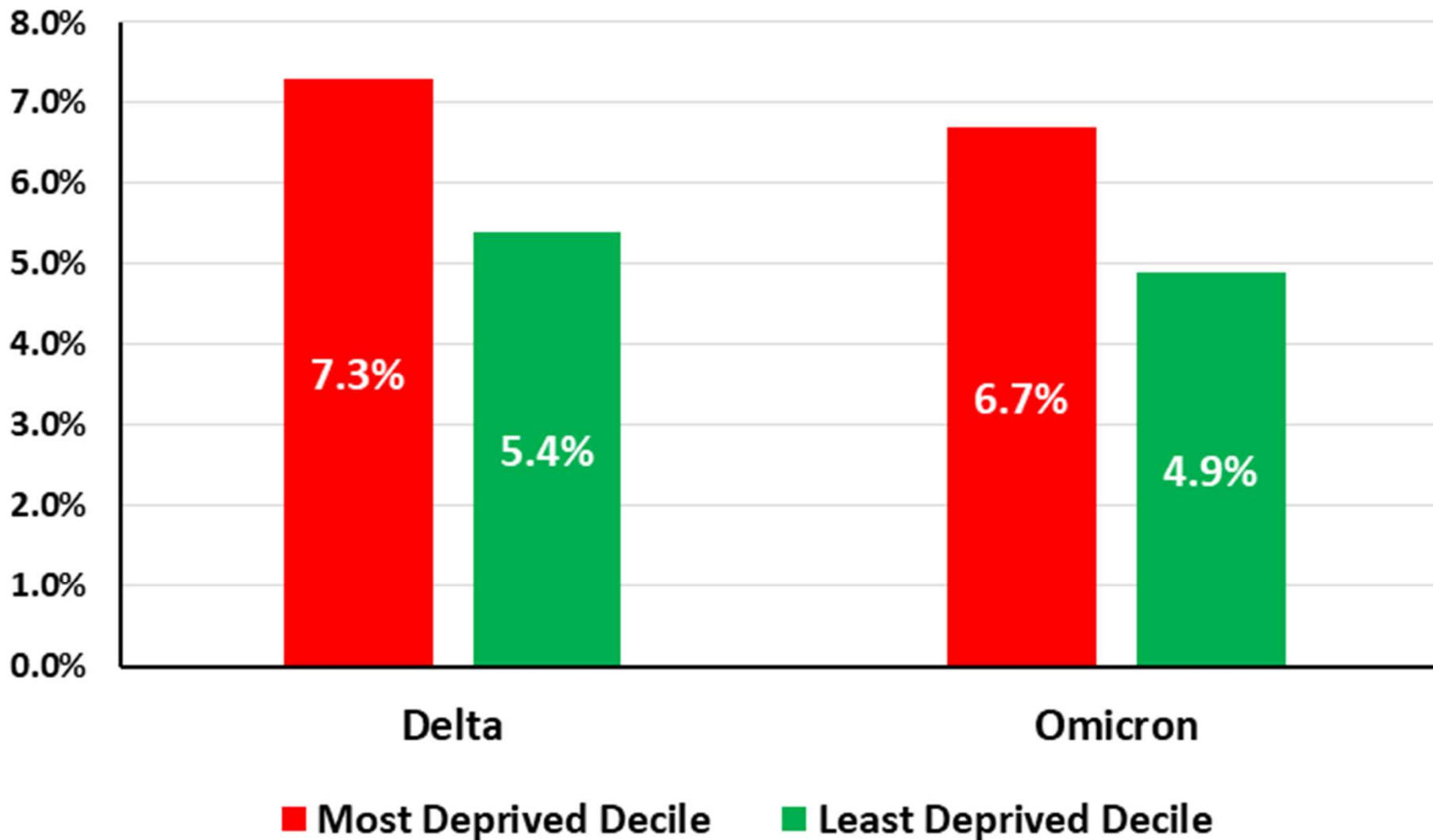
(Source: Coronavirus (COVID-19) Infection Survey UK funded academic projects, summary results: Jun 2022)
Participants aged between 16 and 64 years



Thanks to Bob Hawkins for the chart

Prevalence by Deprivation in the UK by Variant for the Period Apr 2020 to Jan 2022, led by Dr Nazrul Islam

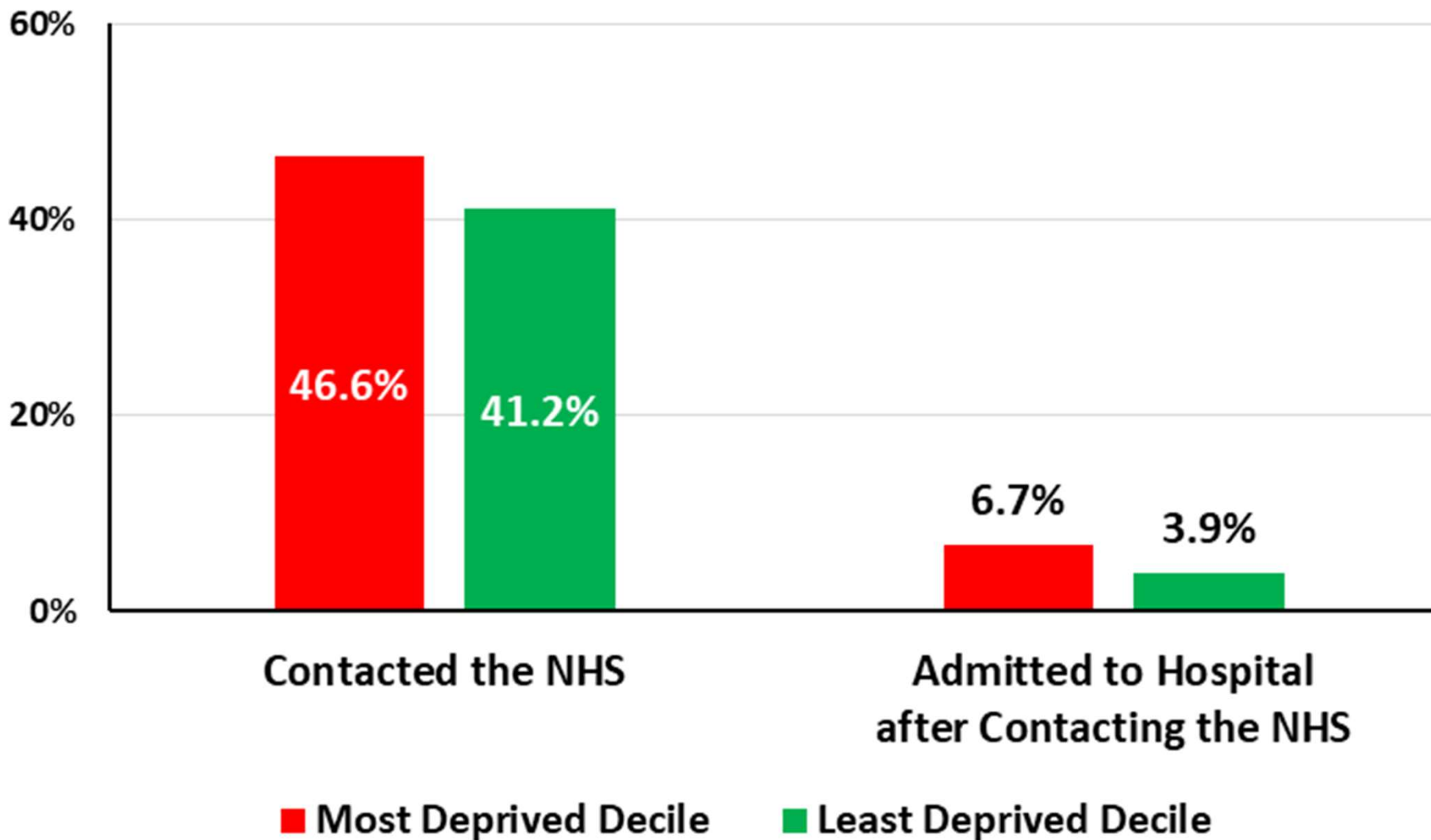
(Source: Coronavirus (COVID-19) Infection Survey UK funded academic projects, summary results: Jun 2022)
 Participants aged between 16 and 64 years



Thanks to Bob Hawkins for the chart

Self-Reported Health Outcomes by Deprivation in the UK for the Period Apr 2020 to Jan 2022, led by Dr Nazrul Islam

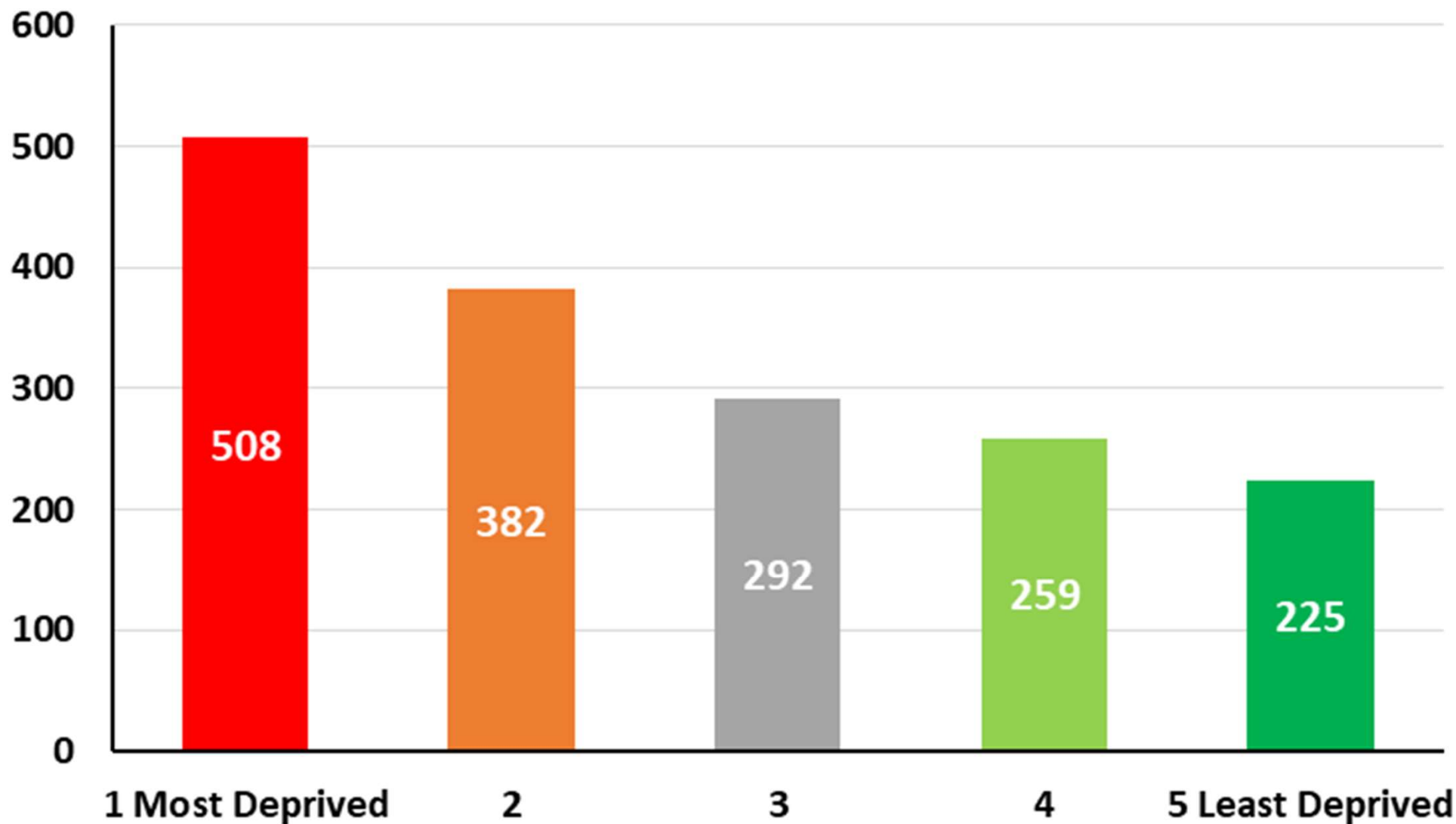
(Source: Coronavirus (COVID-19) Infection Survey UK funded academic projects, summary results: Jun 2022)
Participants aged between 16 and 64 years



Thanks to Bob Hawkins for the chart

Age Adjusted Covid Mortality Rate (Death certificates) by Deprivation Quintile in England for the Period Mar 2020 to Jul 2022

(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool)



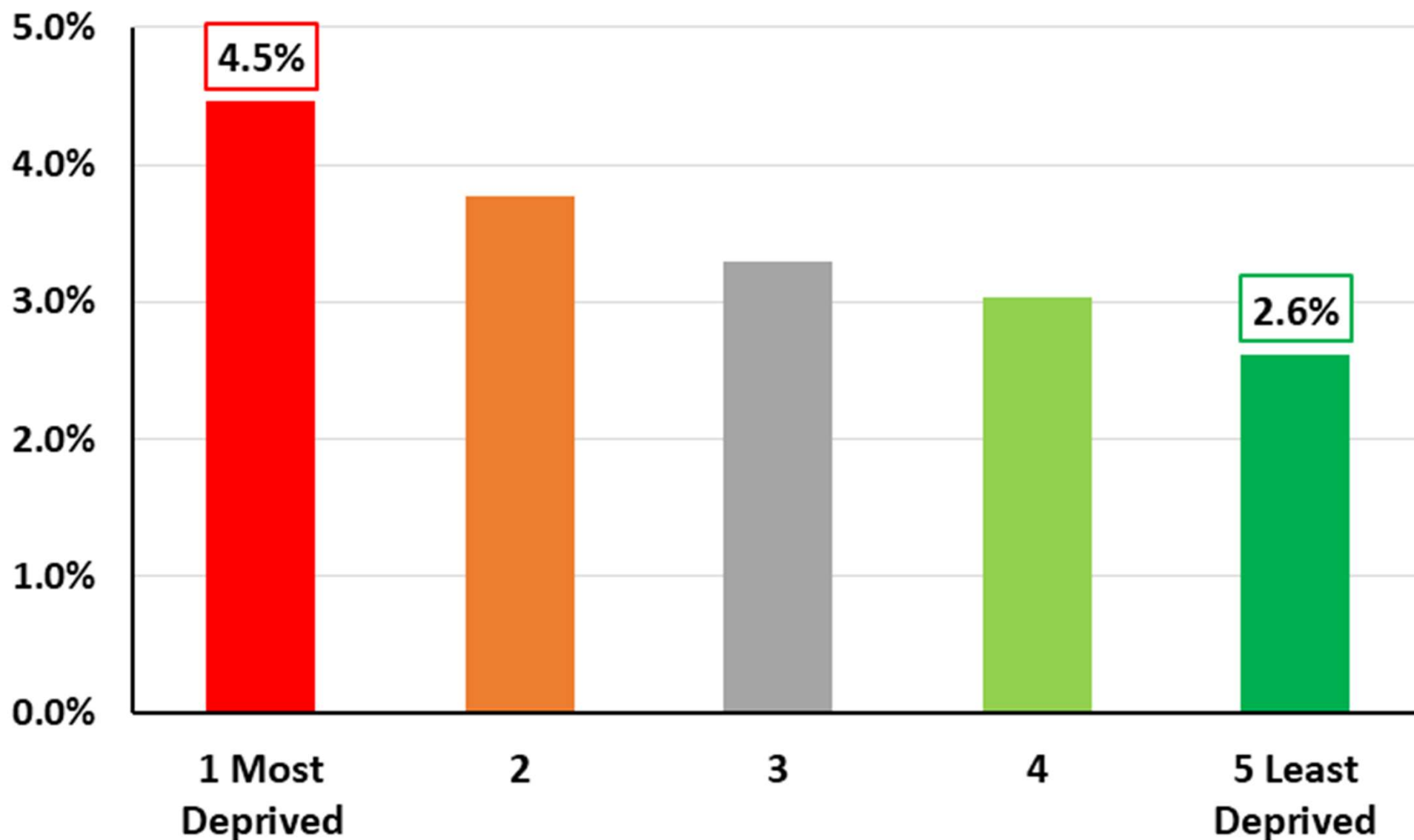
Mortality All Ages

Thanks to Bob Hawkins for the chart

<https://analytics.phe.gov.uk/apps/chime/>

Percent of Deprivation Quintile Living with **Self-Reported Long Covid** (4 weeks) in the UK: Oct 1 - Nov 6, 2022

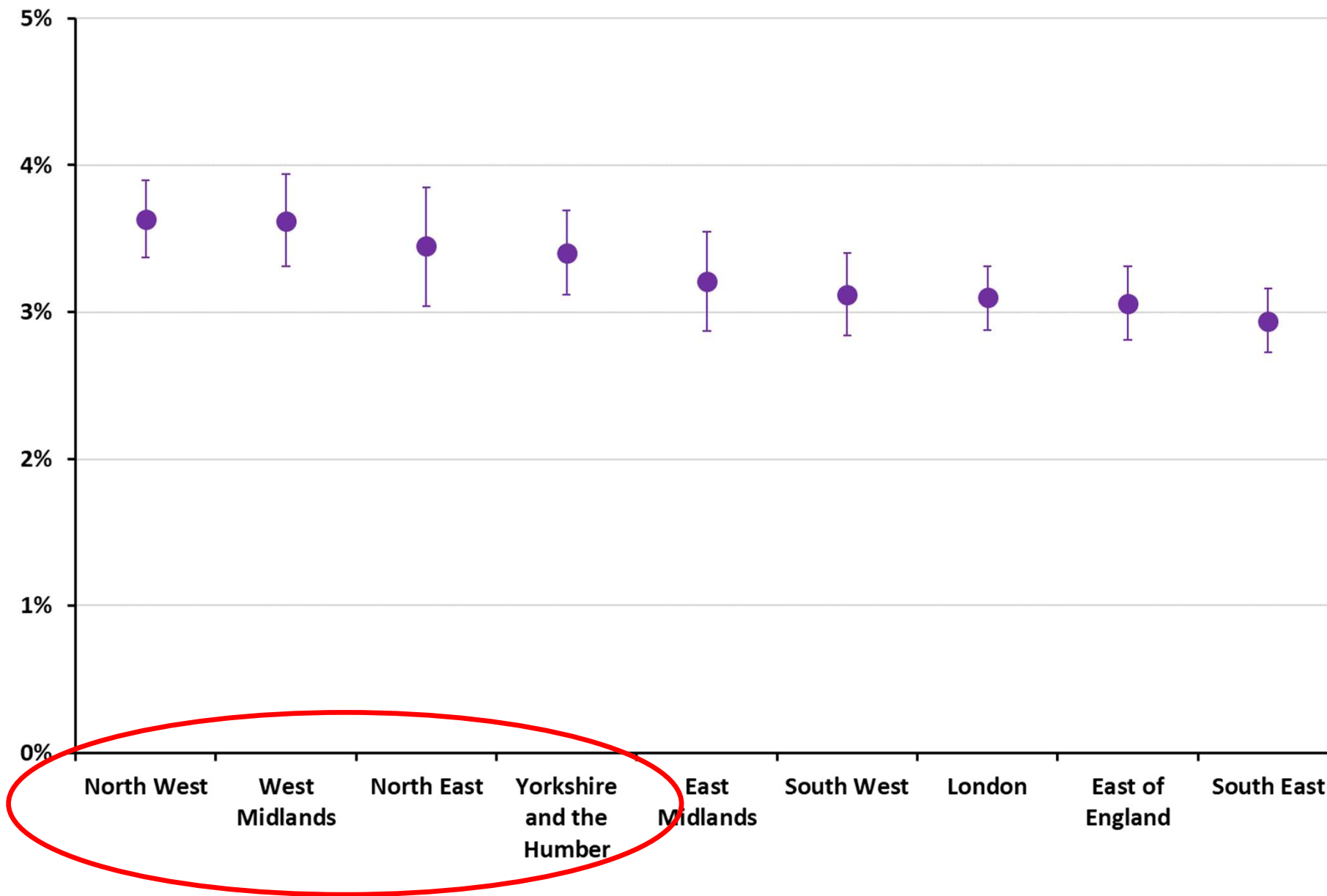
(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)



Thanks to Bob Hawkins for the chart

Percent of Popoulation Living with **Self-Reported Long Covid (4 weeks)** by English region: Oct 1 - Nov 6, 2022

(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)



SUMMARY

- Hardly any vaccination ongoing now and only just over half of 50-64 year olds boosted.
- Prevalence and hospital admissions suggest we are (still just) entering into another wave
- As well as Covid, Flu admissions are increasing but thankfully RSV and rhinovirus seem to be reducing (for now at least).
- NHS strain in general seems to be stabilising according to the latest released indicators – but at a very severe level.
- The Covid pandemic has a massive disproportionate impact, where those in more deprived areas have fared much worse on pretty much every measure.