

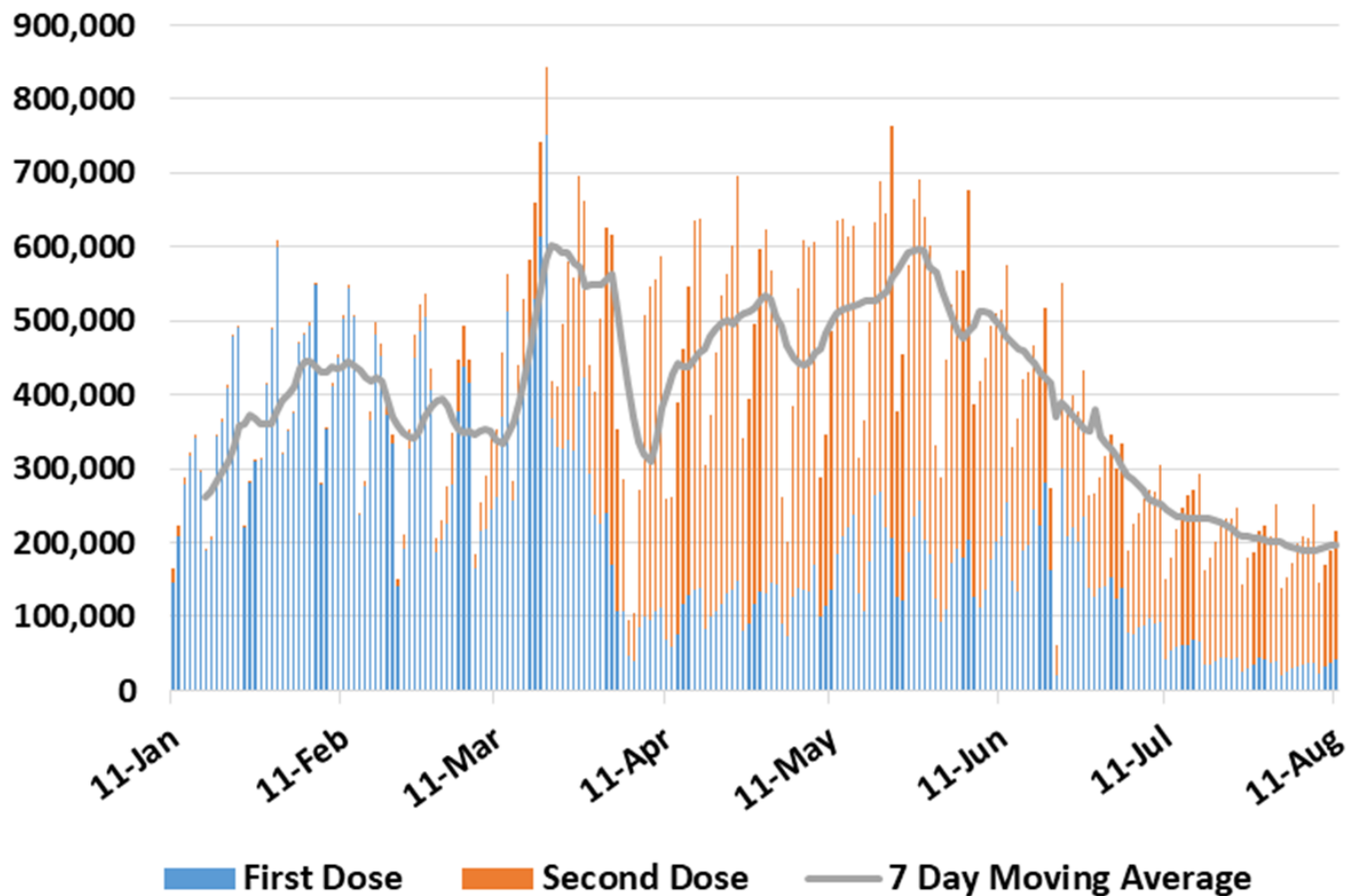
## **Latest numbers on COVID-19 in the UK – 12<sup>th</sup> August 2021**

1. Vaccinations
2. Cases
3. Hospitalisations & Deaths
4. Perspective

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

Vaccination data

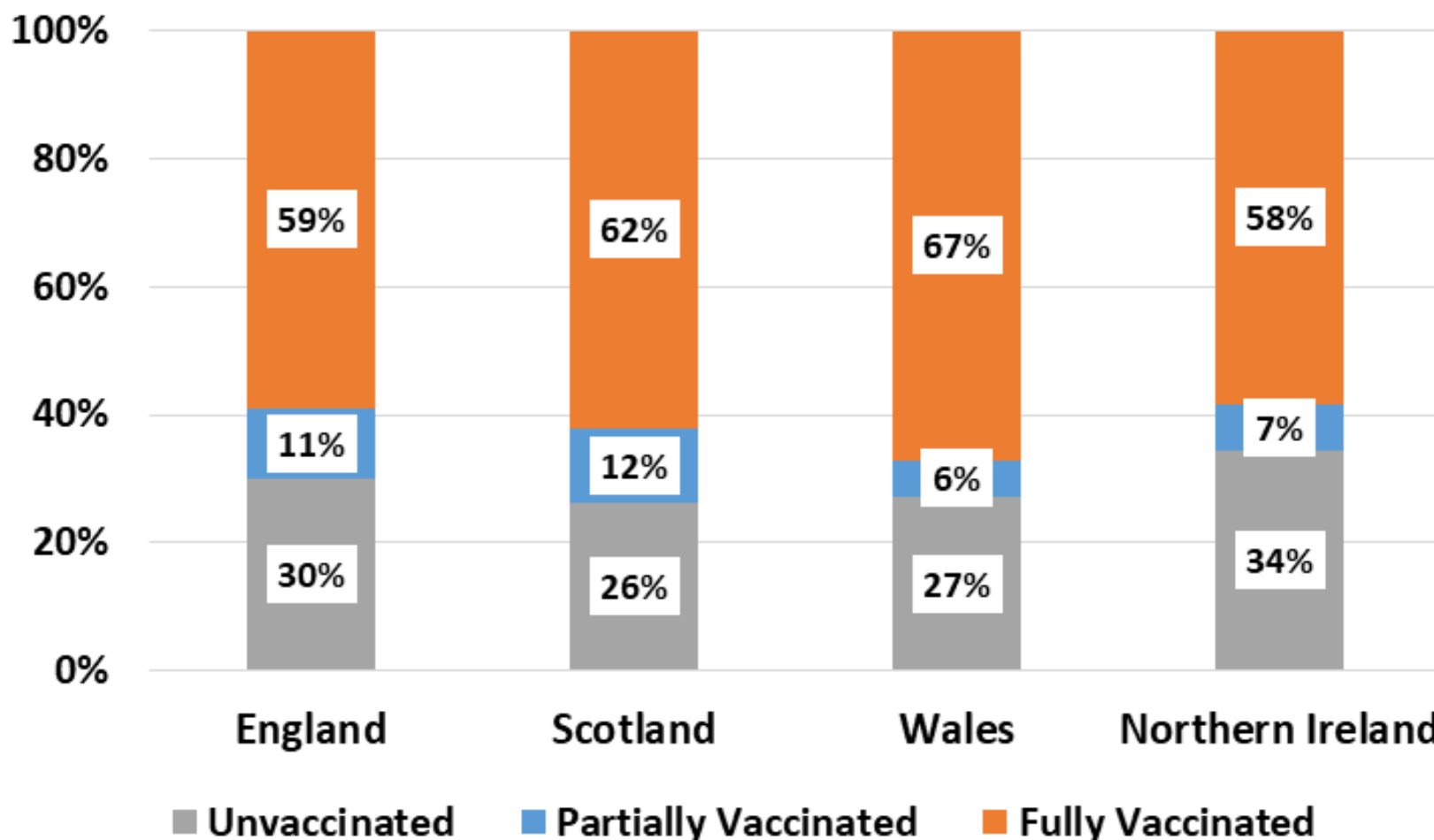
# Number of 1<sup>st</sup> and 2<sup>nd</sup> doses given by day in the UK to 11<sup>th</sup> August



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

Thanks to Bob Hawkins for the chart

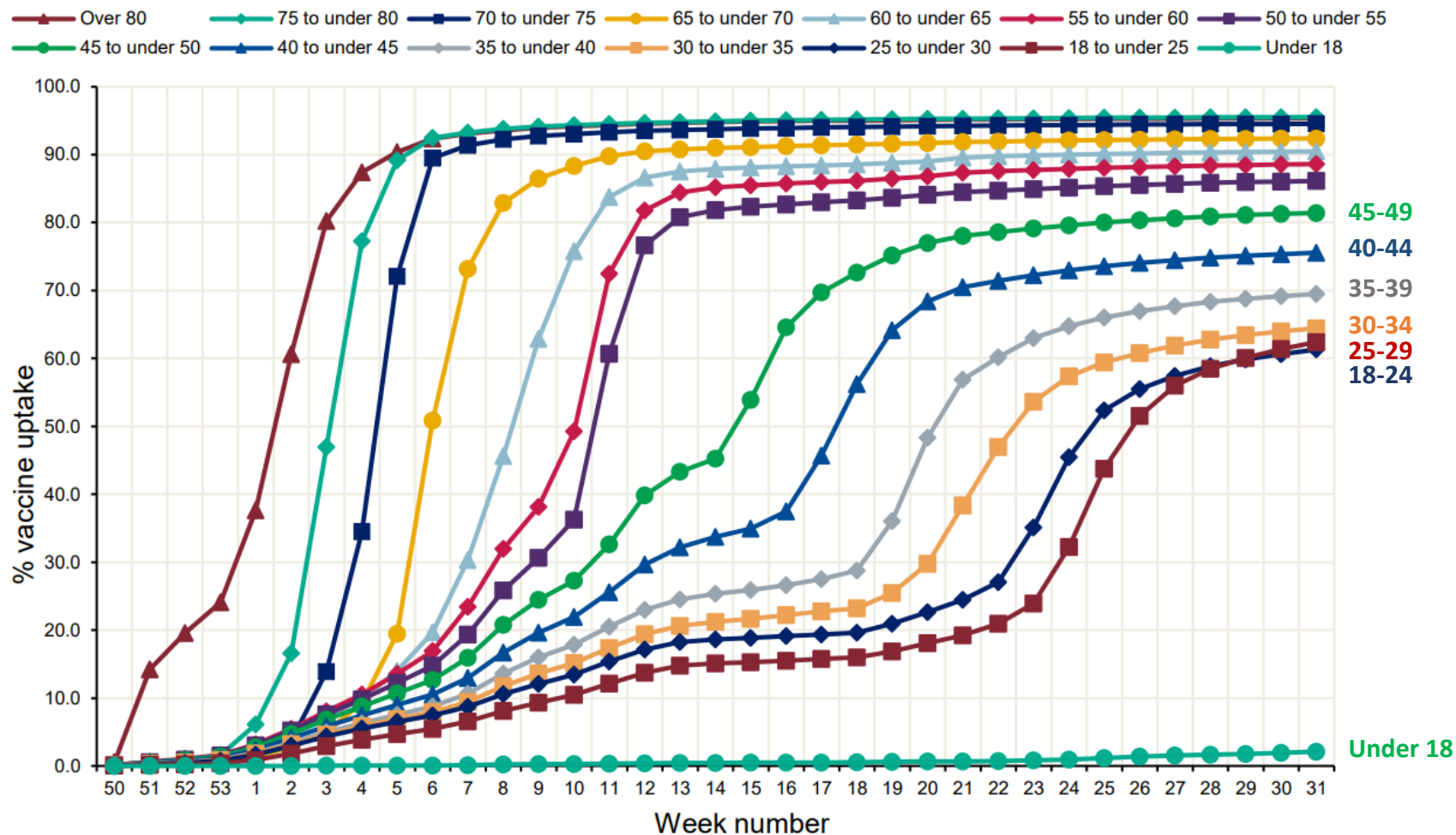
## Percentage of Total Population Unvaccinated (no dose given), Partially Vaccinated (1 dose) and Fully Vaccinated (2 doses) as at 11<sup>th</sup> August



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

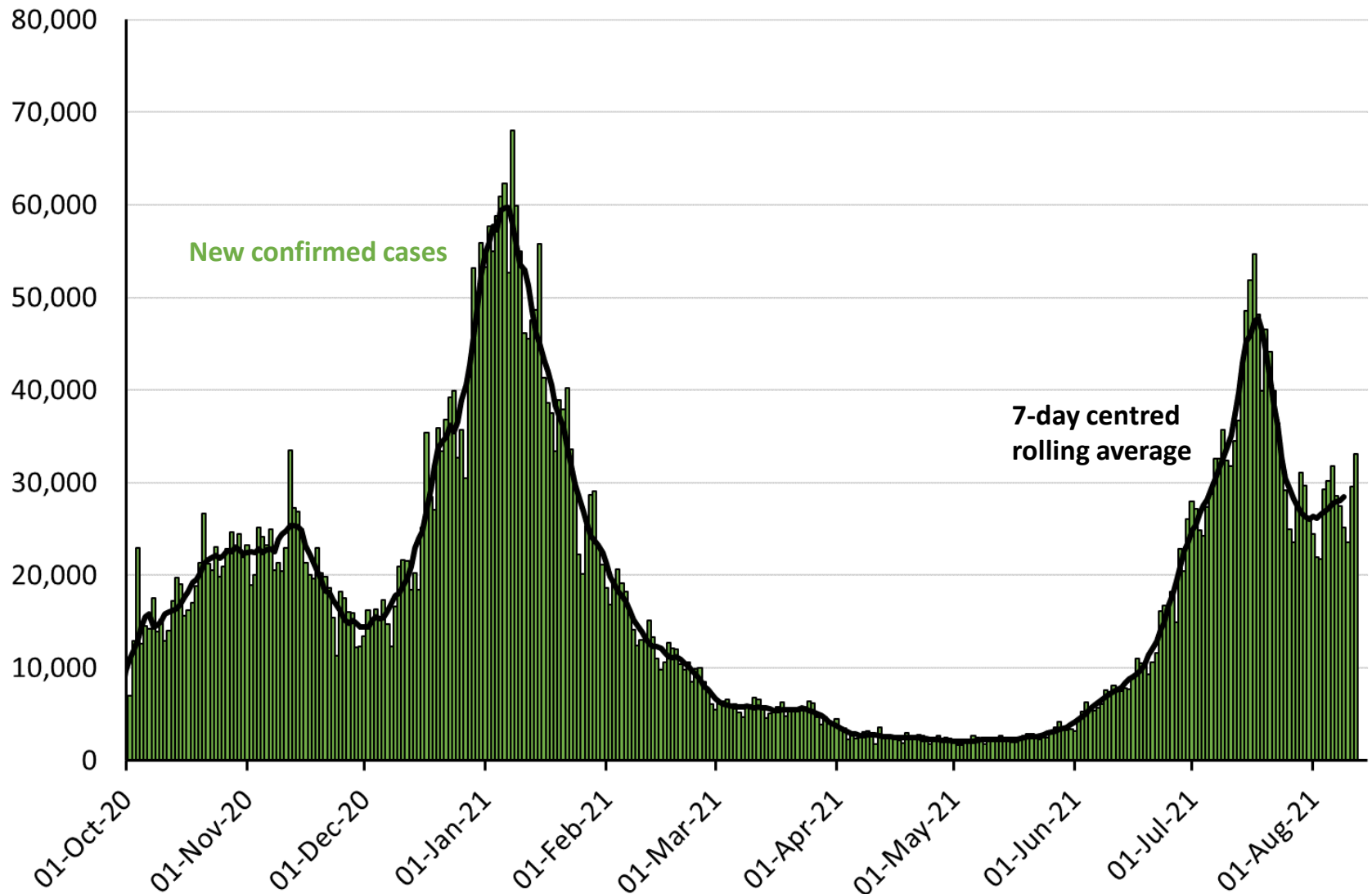
Thanks to Bob Hawkins for the chart

# First Dose Uptake by Age for England to 8<sup>th</sup> August

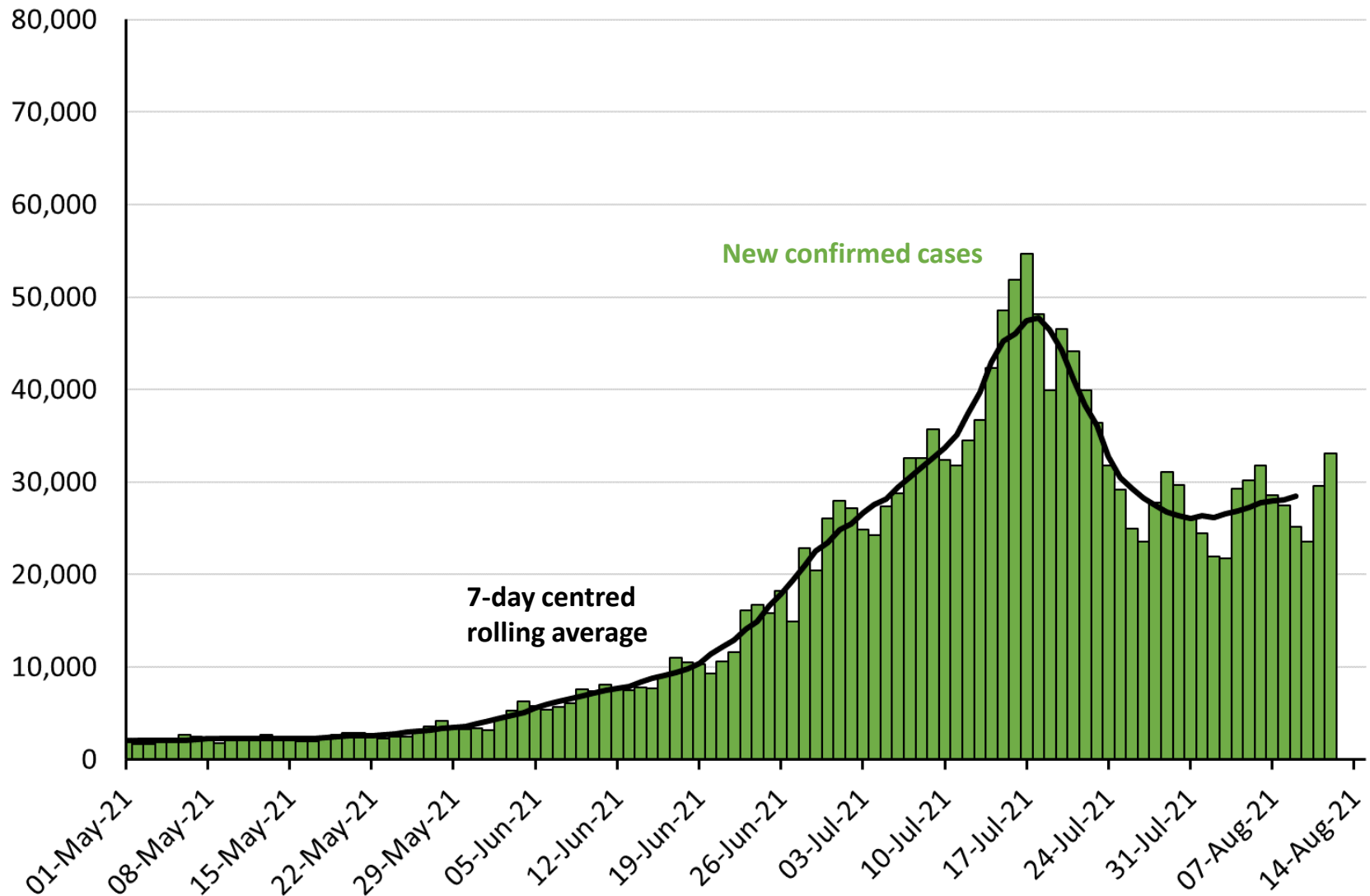


# Cases

# Number of new UK confirmed COVID-19 cases by reported date (people who have had a positive test) to 12 August



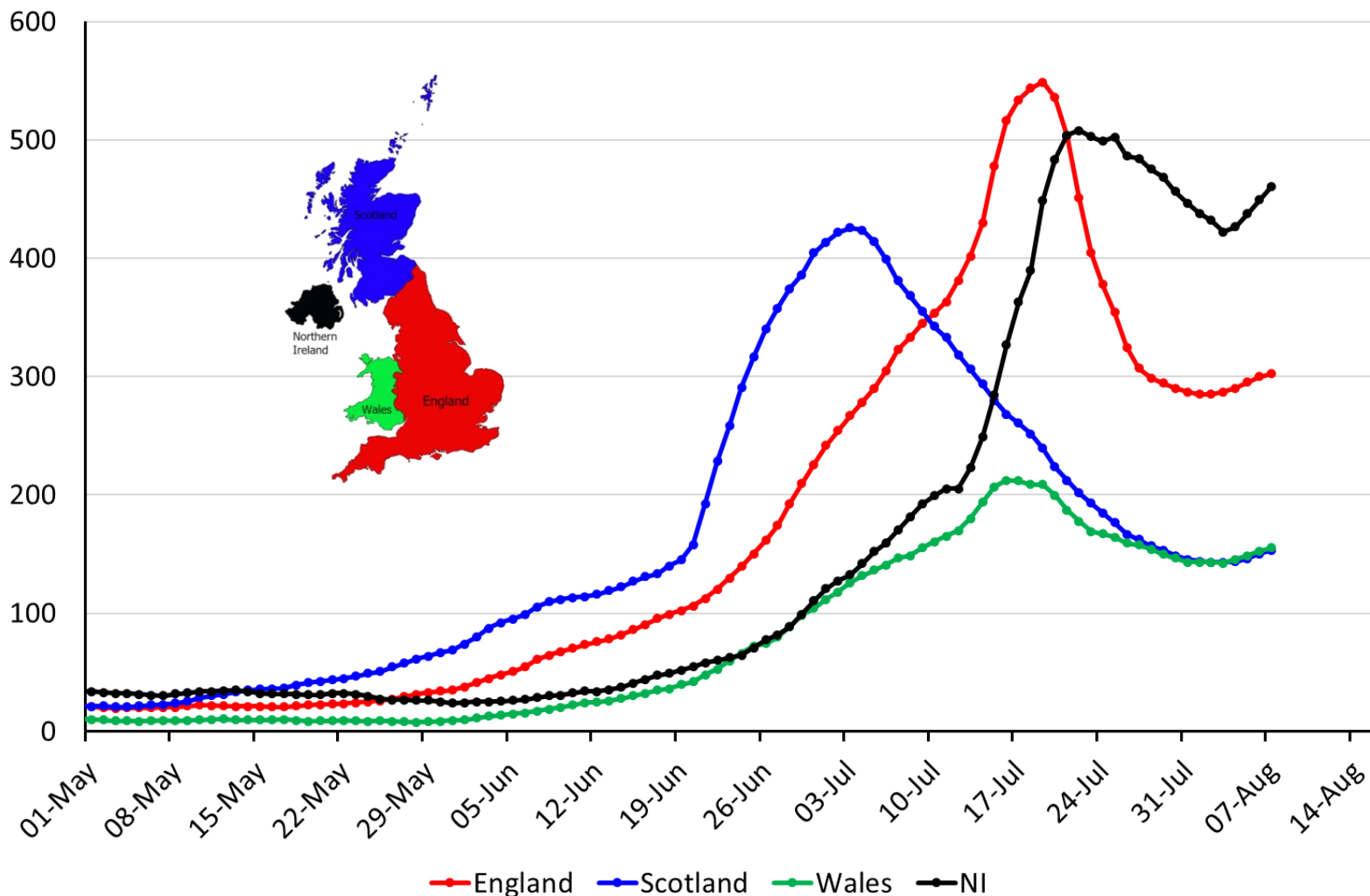
# Number of new UK confirmed COVID-19 cases by reported date (people who have had a positive test) to 12 August





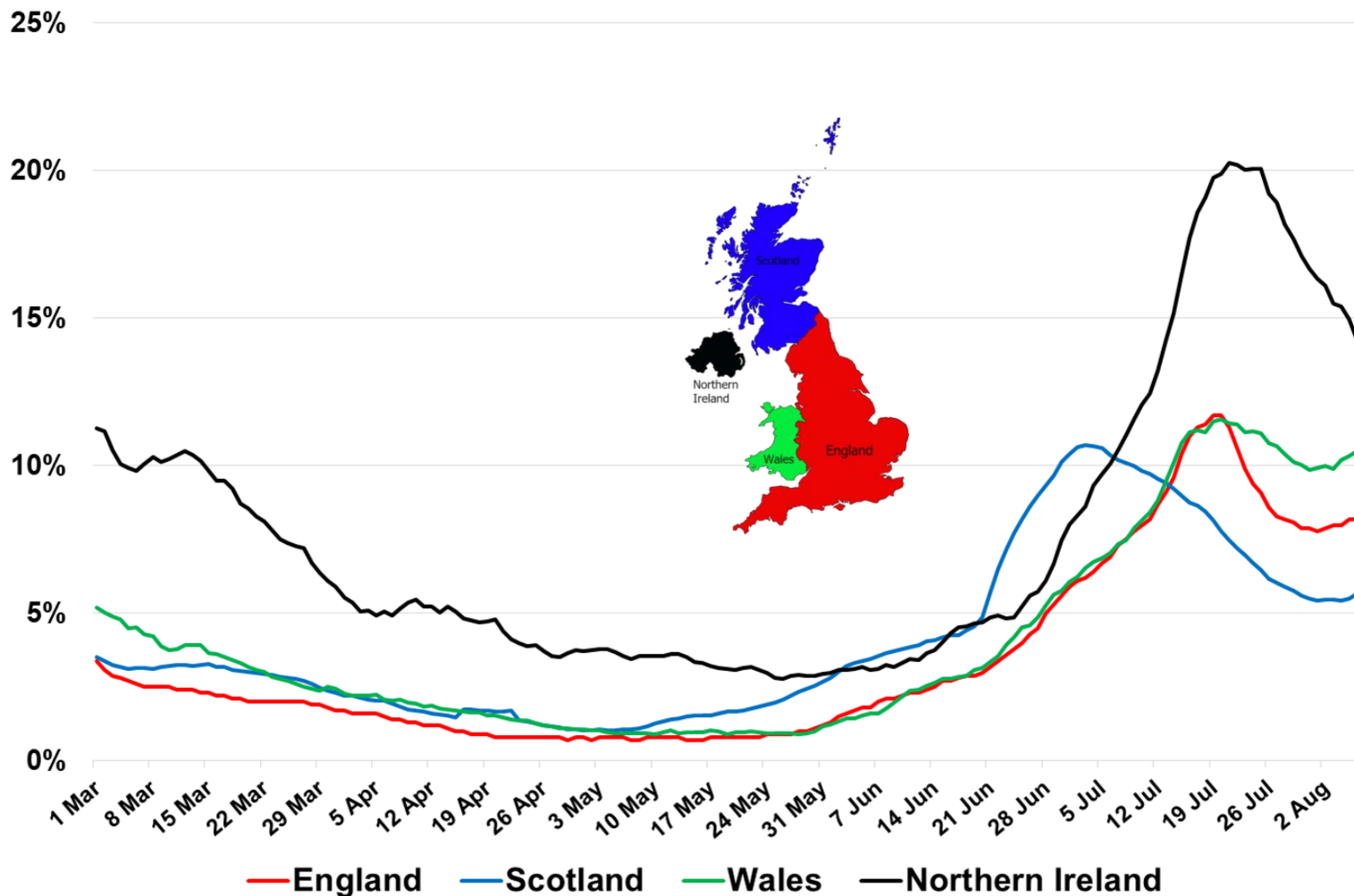
# 7-day average of cases per 100,000 people per week for UK nations by date of test to 7<sup>th</sup> August

Number of cases per 100,000 people per week



# Positivity rates for UK nations by date of test to 7<sup>th</sup> August

Percentage of people tested who are positive



Data from:

Scotland: <https://www.opendata.nhs.scot/dataset/covid-19-in-Scotland>

Wales: <https://public.tableau.com/profile/public.health.wales.health.protection#!/vizhome/RapidCOVID-19virology-Public/Headlinesummary>

NI: <https://www.health-ni.gov.uk/publications/daily-dashboard-updates-covid-19-november-2020>

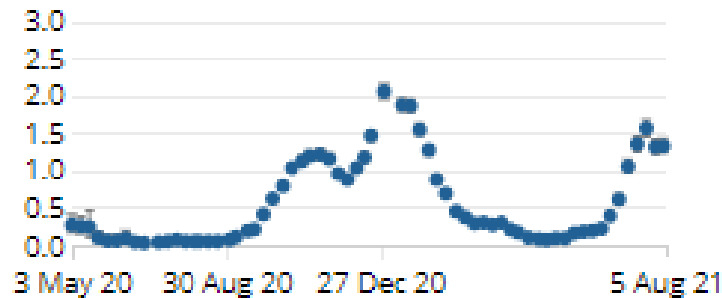
England: <https://coronavirus.data.gov.uk>

Visualisation courtesy of Bob Hawkins

# Percentage of population testing positive (to 7<sup>th</sup> August) (ONS infection survey)

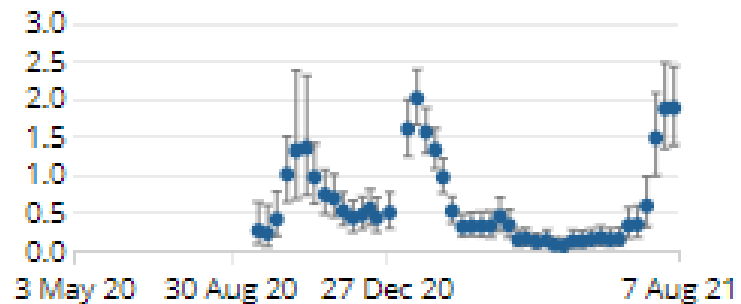
## England

Percentage testing positive for COVID-19



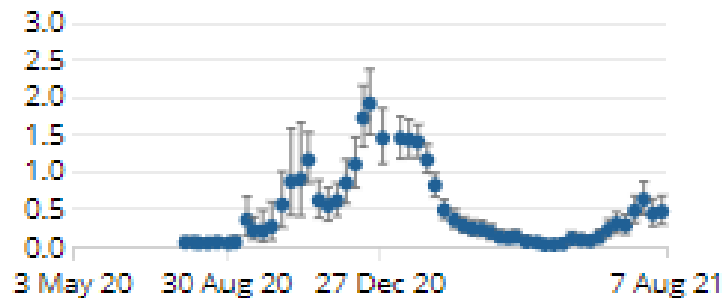
## Northern Ireland

Percentage testing positive for COVID-19



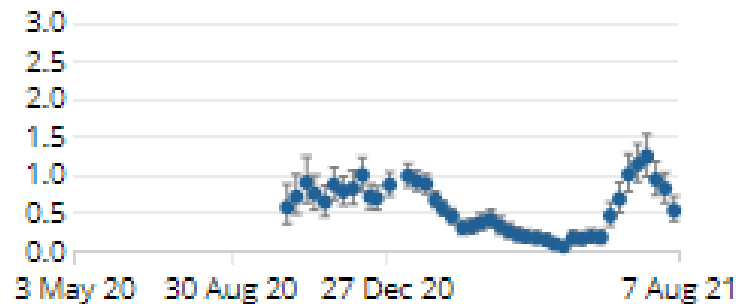
## Wales

Percentage testing positive for COVID-19



## Scotland

Percentage testing positive for COVID-19



# Map of case rates in the UK

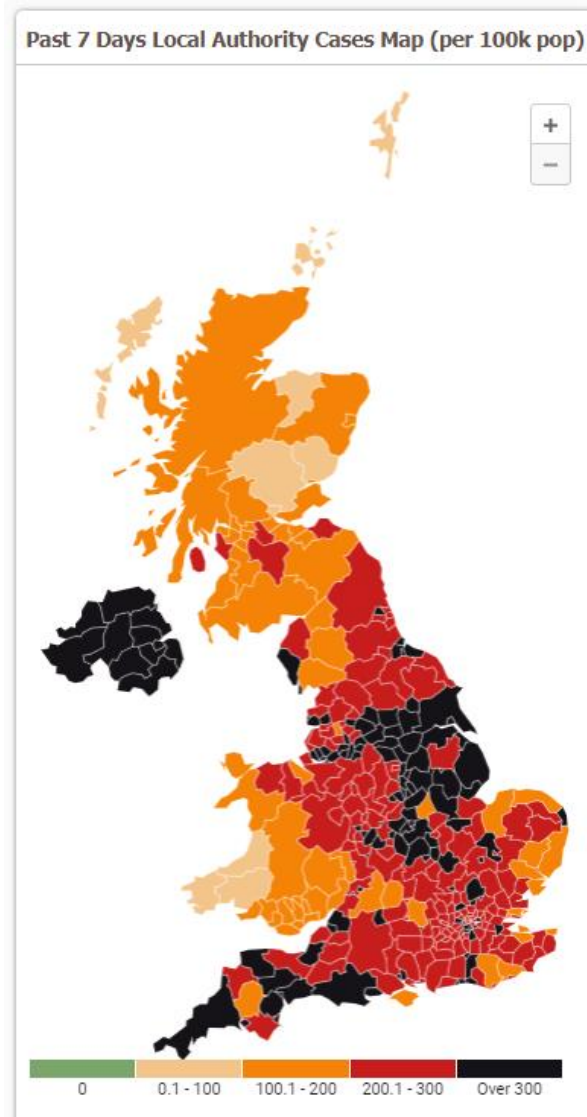
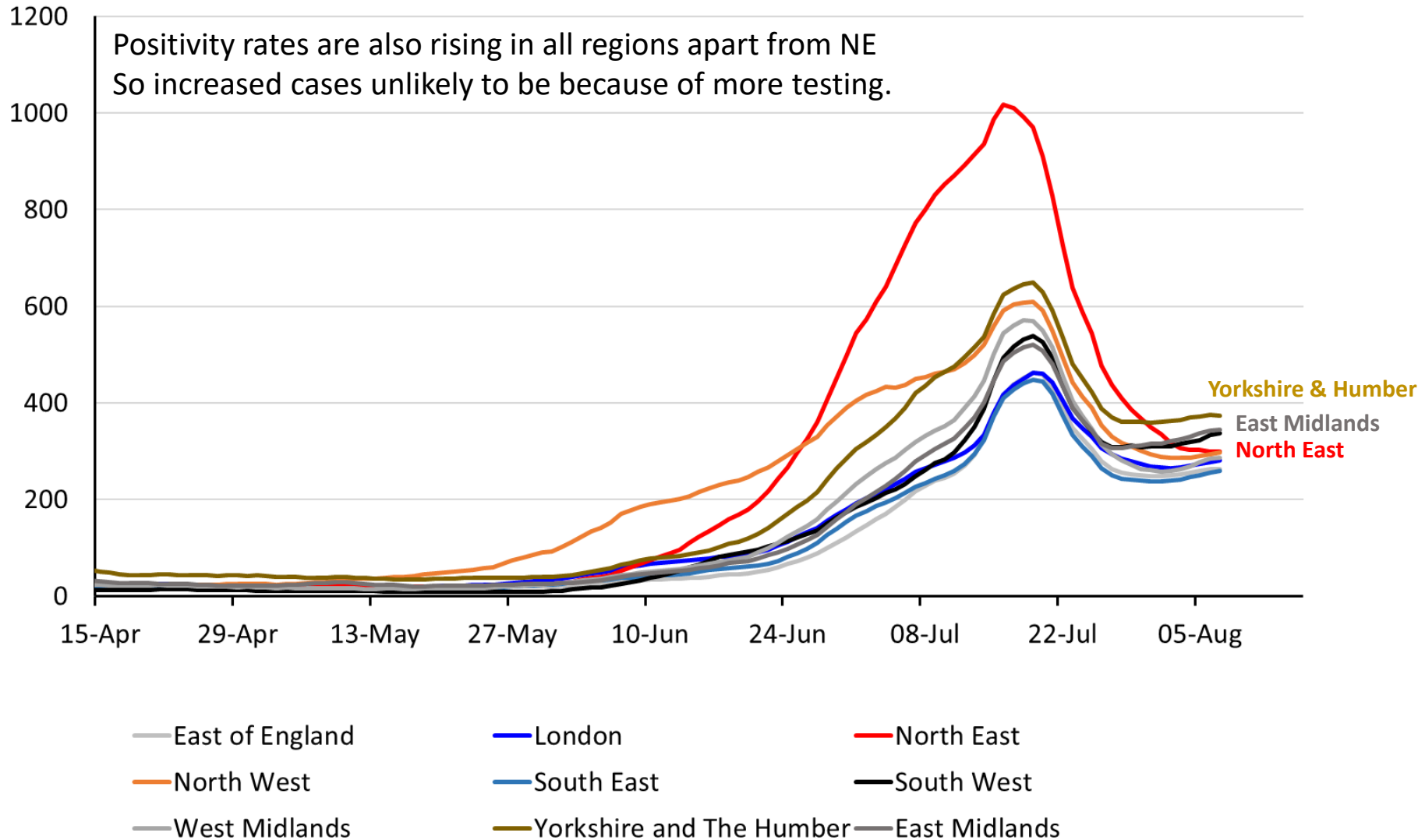
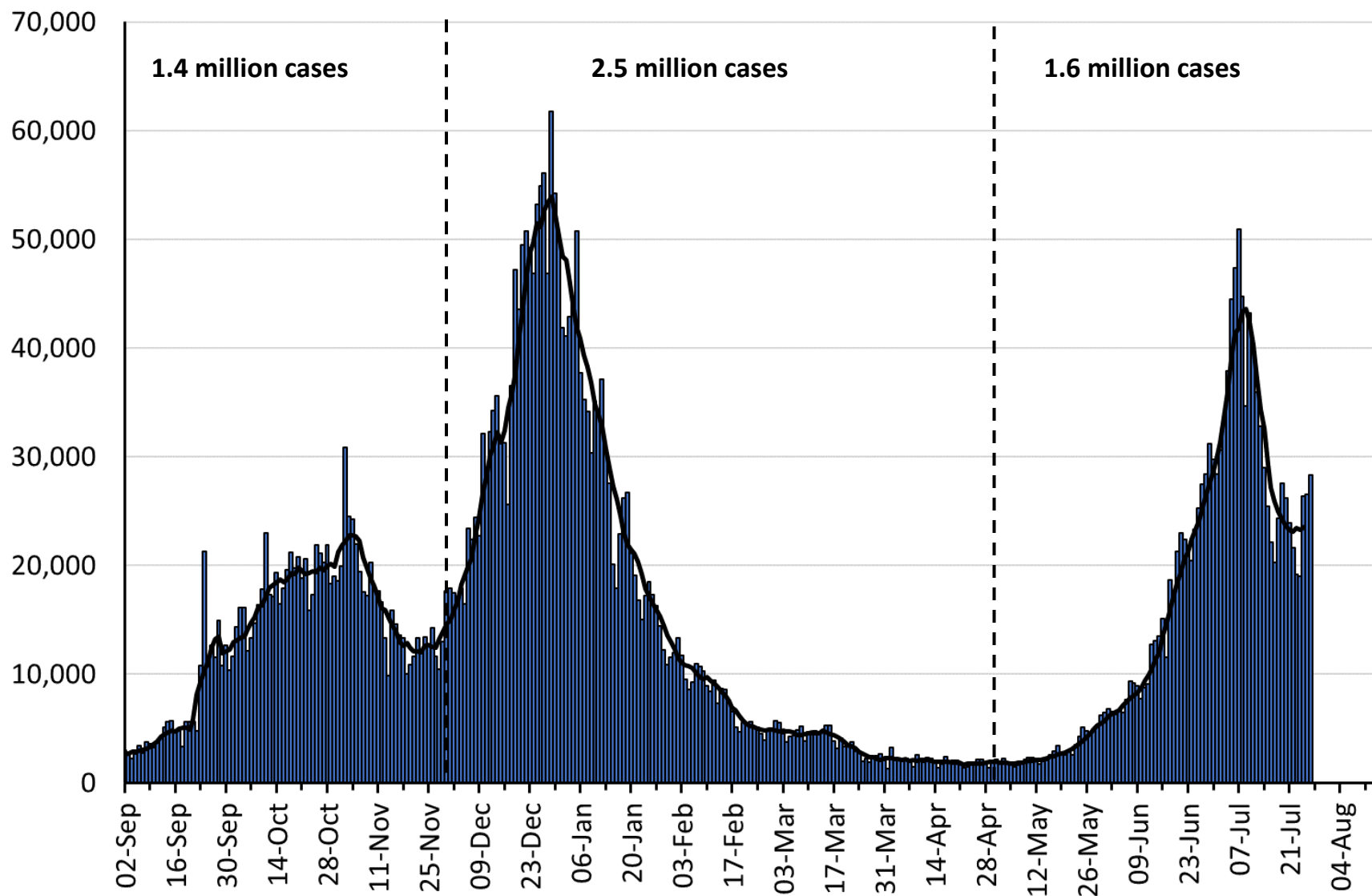


Chart from <https://www.travellingtabby.com/uk-coronavirus-tracker/local>

# Cases per 100,000 people per week for English Regions to 24<sup>th</sup> July by date of test



# Number of new England confirmed COVID-19 cases by reported date to 12 August 2021



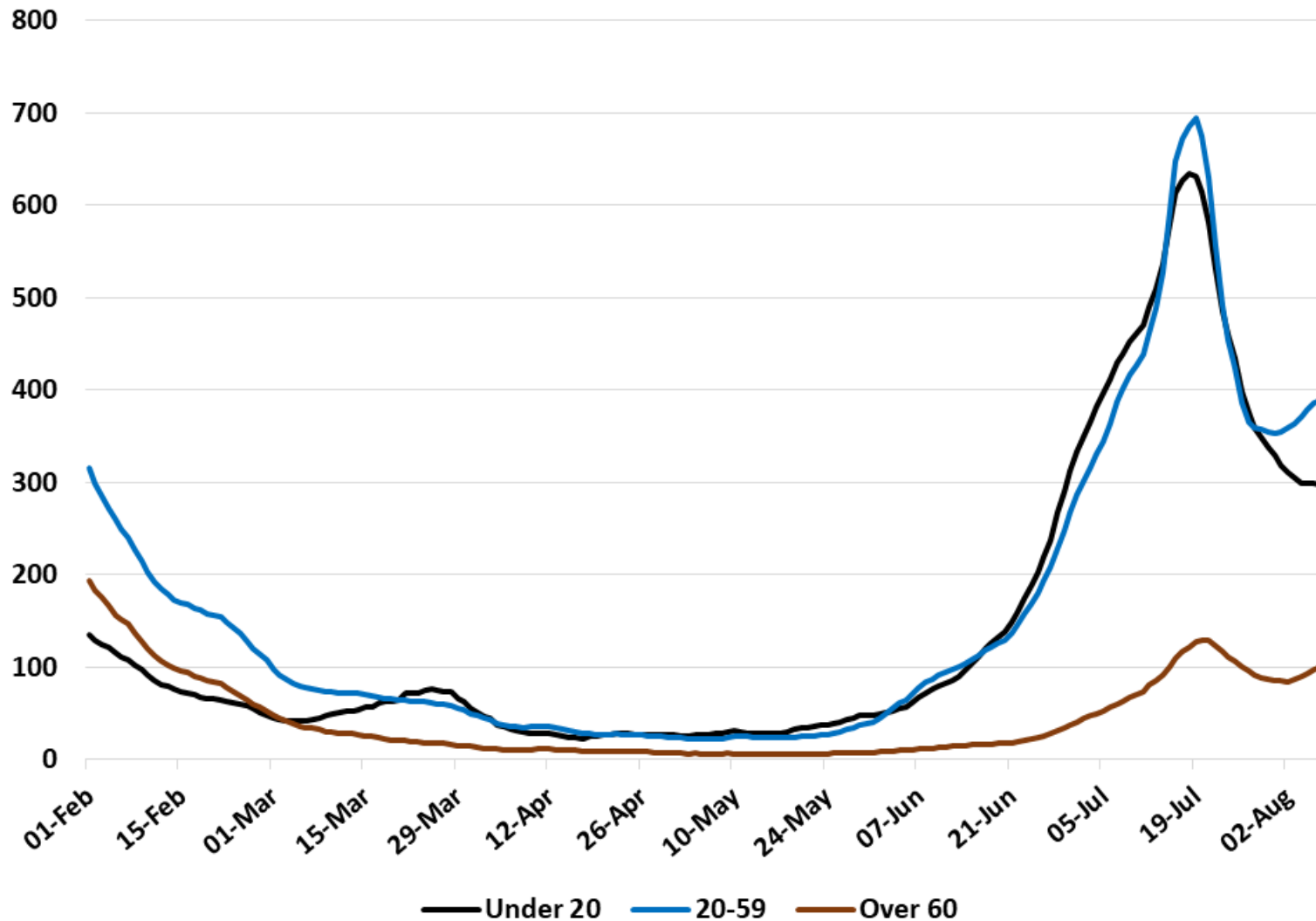
# Number of new England confirmed COVID-19 cases per 100,000 people per week by age group

Age range	Cases per 100,000 per week for week ending								Age range
	19-Jun	26-Jun	03-Jul	10-Jul	17-Jul	24-Jul	31-Jul	07-Aug	
0 to 4	40	60	91	110	153	142	97	101	0 to 4
5 to 9	86	153	253	299	367	298	170	159	5 to 9
10 to 14	155	276	473	614	774	640	355	284	10 to 14
15 to 19	270	411	664	834	1240	767	716	669	15 to 19
20 to 29	267	409	631	763	1183	683	622	679	20 to 29
30 to 39	111	166	288	444	736	516	367	397	30 to 39
40 to 59	85	132	227	318	474	367	256	282	40 to 59
50 to 59	53	79	132	189	308	256	174	207	50 to 59
60 plus	18	25	47	69	115	110	85	98	60 plus



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

## Number of new England confirmed COVID-19 cases per 100,000 people per rolling 7 days by age group,

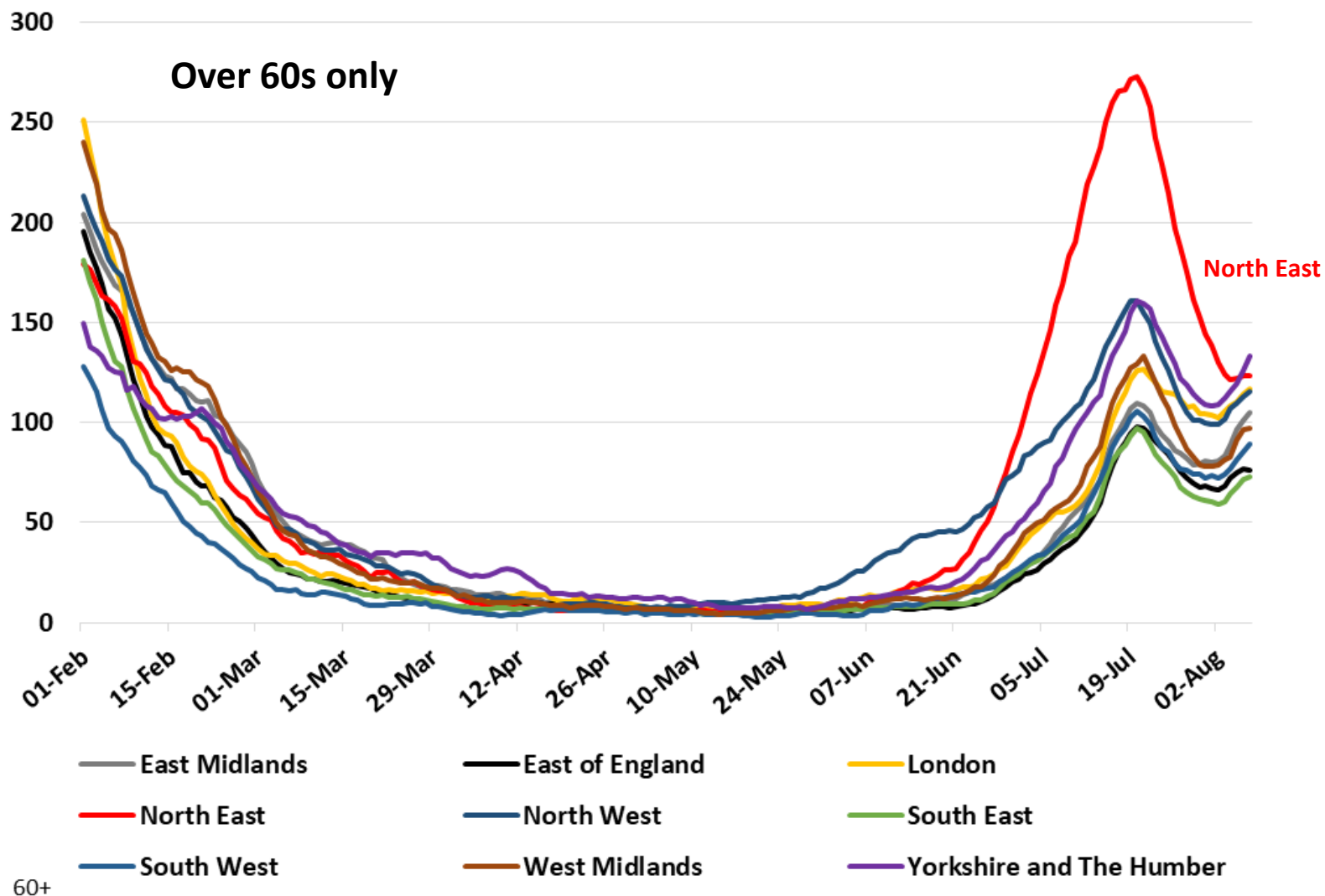


Data from <https://coronavirus.data.gov.uk>.

Thanks to Bob Hawkins for the chart



# Number of new England confirmed COVID-19 cases per 100,000 people per rolling 7 days by region for Over 60s

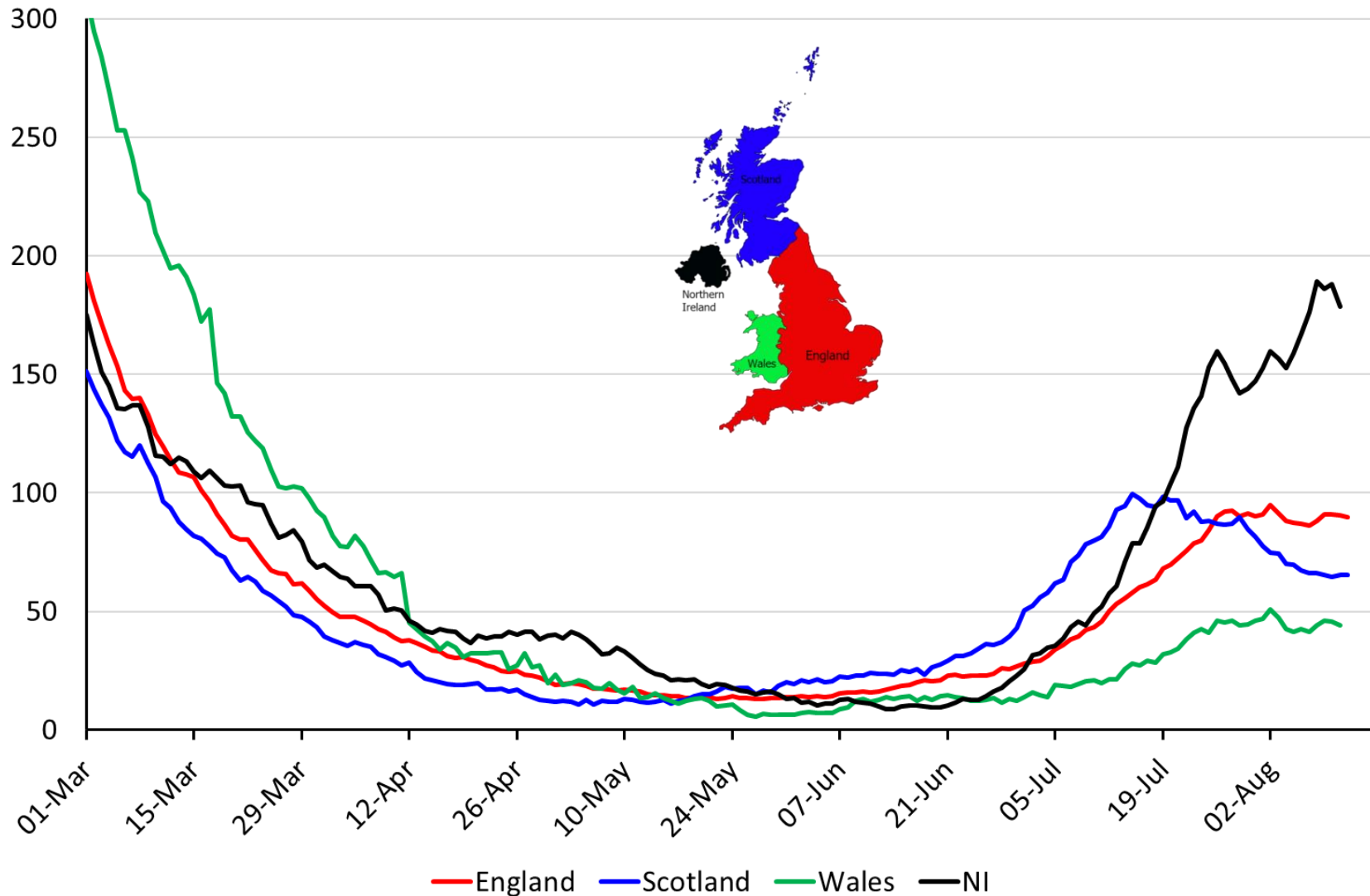


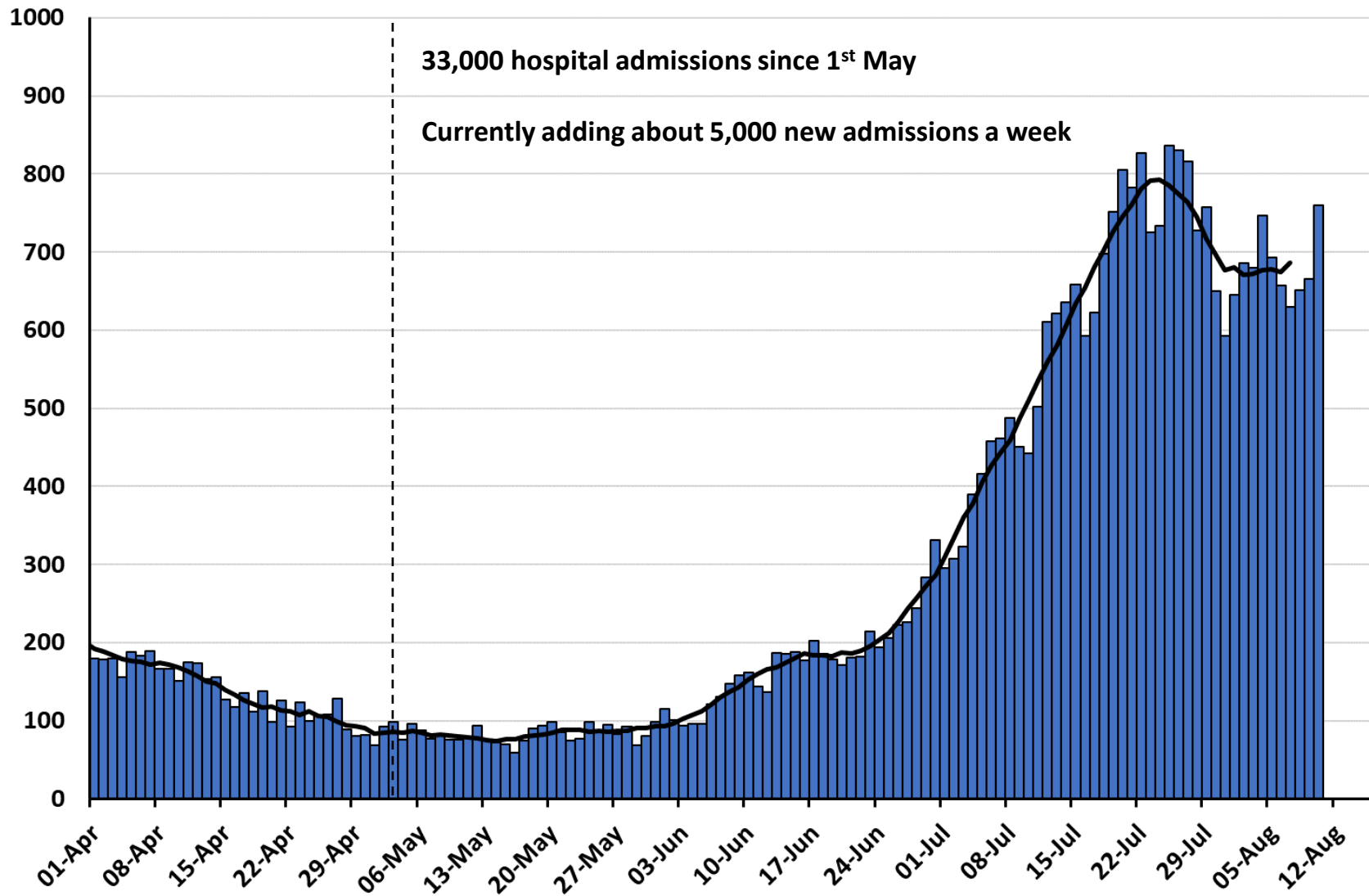
Data from <https://coronavirus.data.gov.uk>.

Thanks to Bob Hawkins for the chart

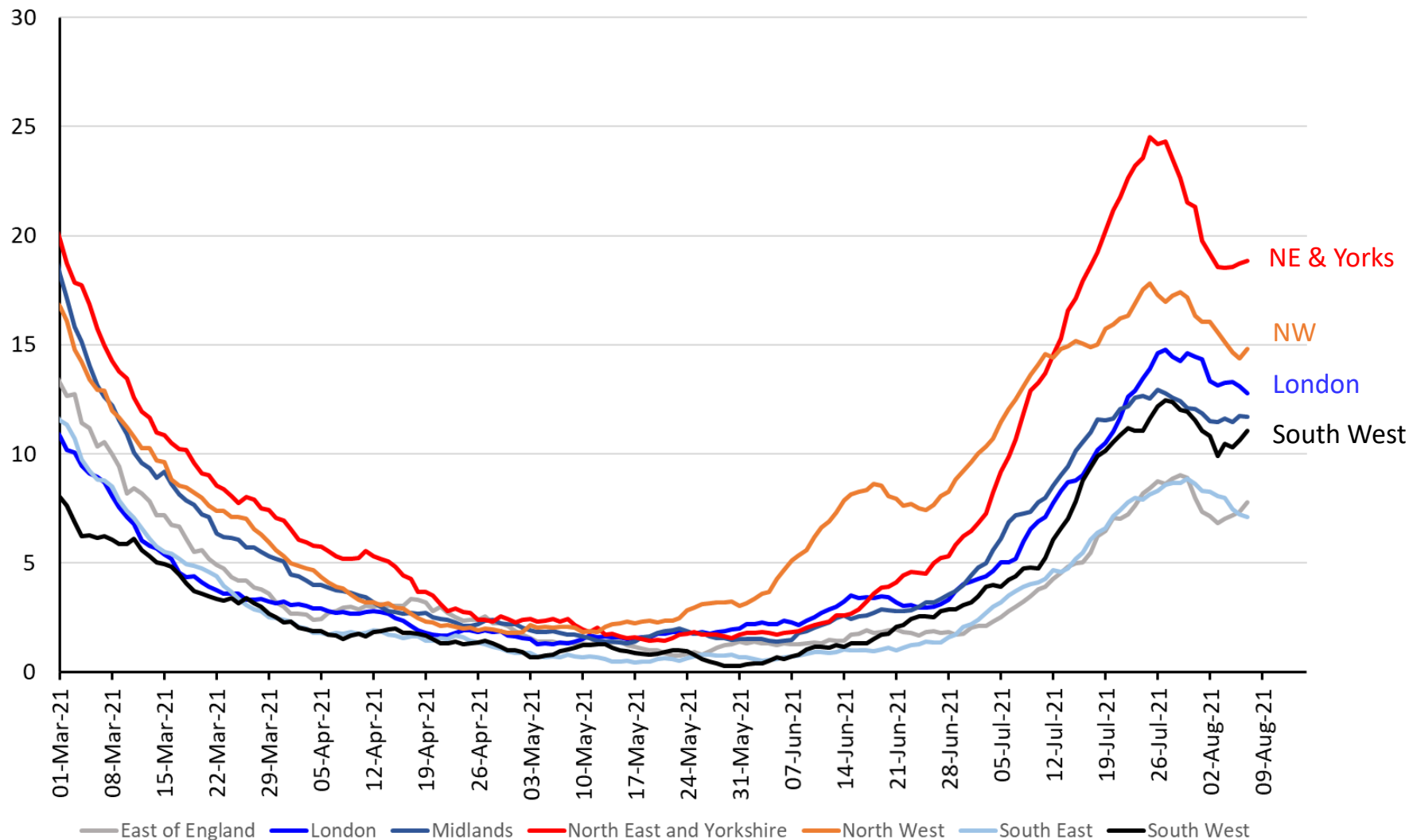
# Hospitalisations and deaths

# Number of people in hospital per million people – UK nations (daily 7 day average)



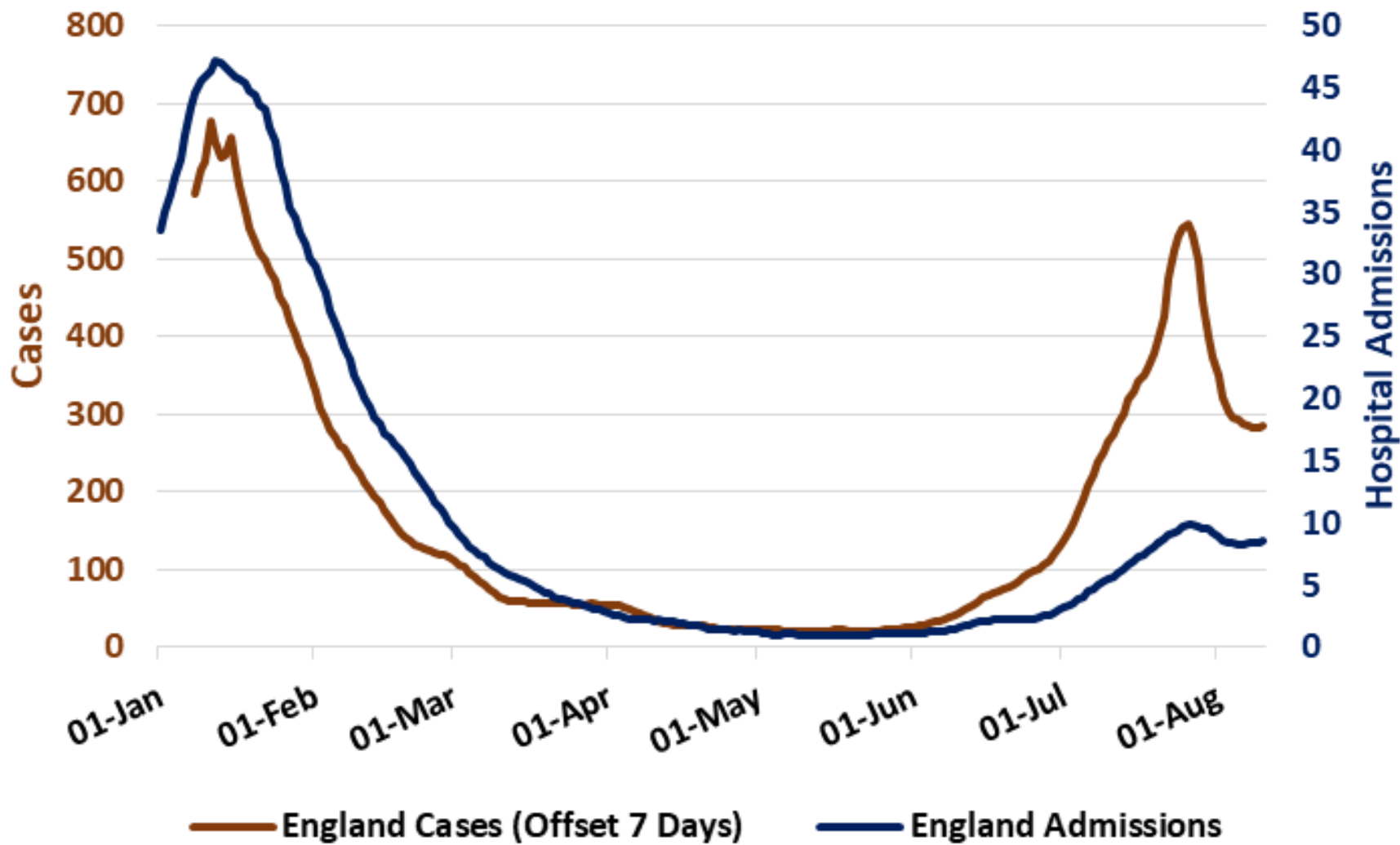
Daily Covid-19 admissions to English hospitals to 10<sup>th</sup> August

# 7-day average of daily number of new hospital admissions with COVID-19 per day per million people across different regions in England to 10<sup>th</sup> August

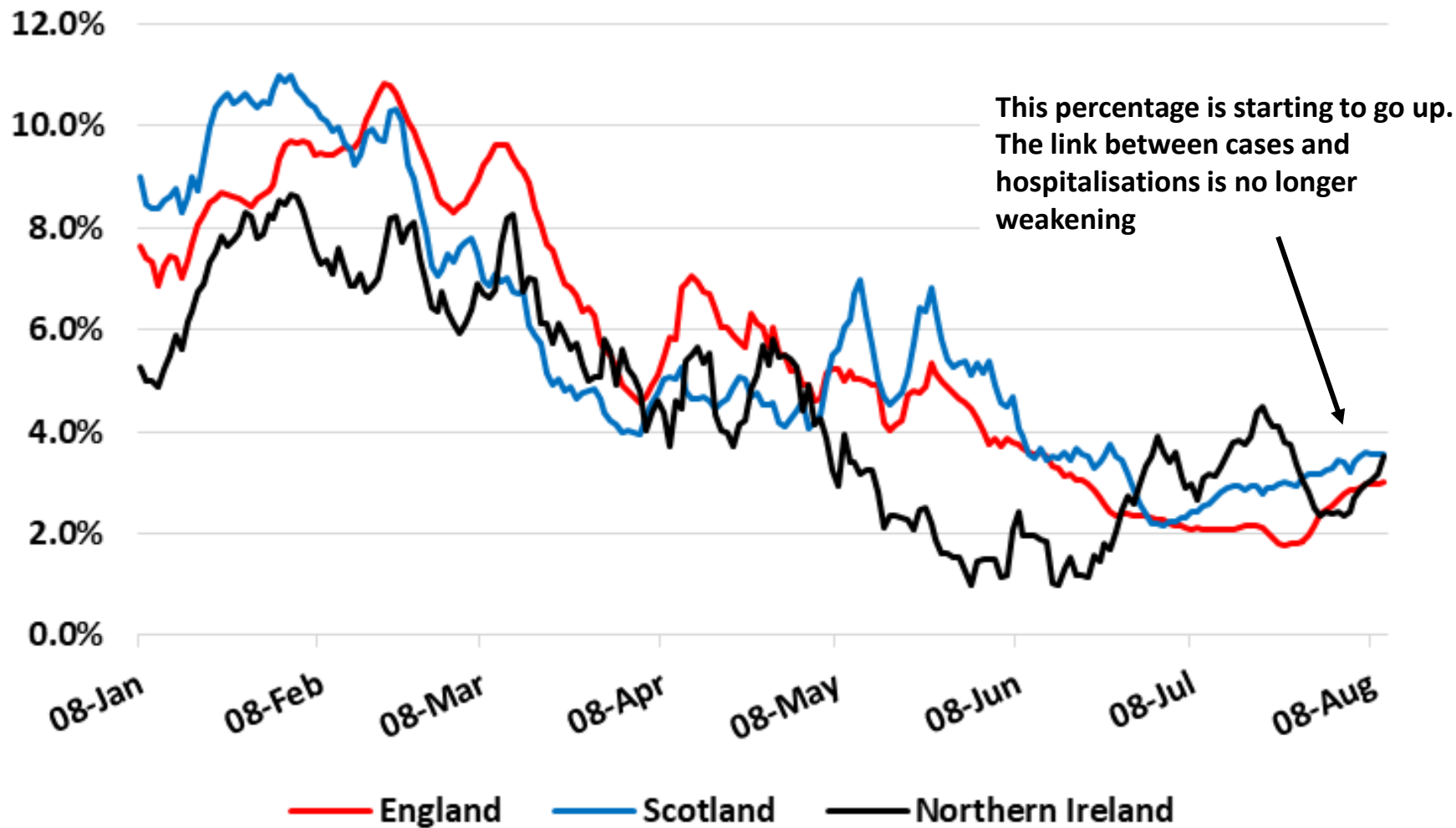


Data from <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/>

## Seven Day Sum of Hospital Admissions and Cases offset by 7 Days for England, Jan 1 – Aug 10 2021



## Hospital Admissions as a Percentage of Cases 7 Days Earlier for the Home Nations: Jan 8 – Aug 10 2021



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

Thanks to Bob Hawkins for the chart

## NHS under strain



Shaun Lintern ✓

@ShaunLintern



NHS summer crisis: Major London hospitals declare 'black alert' as more operations cancelled in Sheffield:

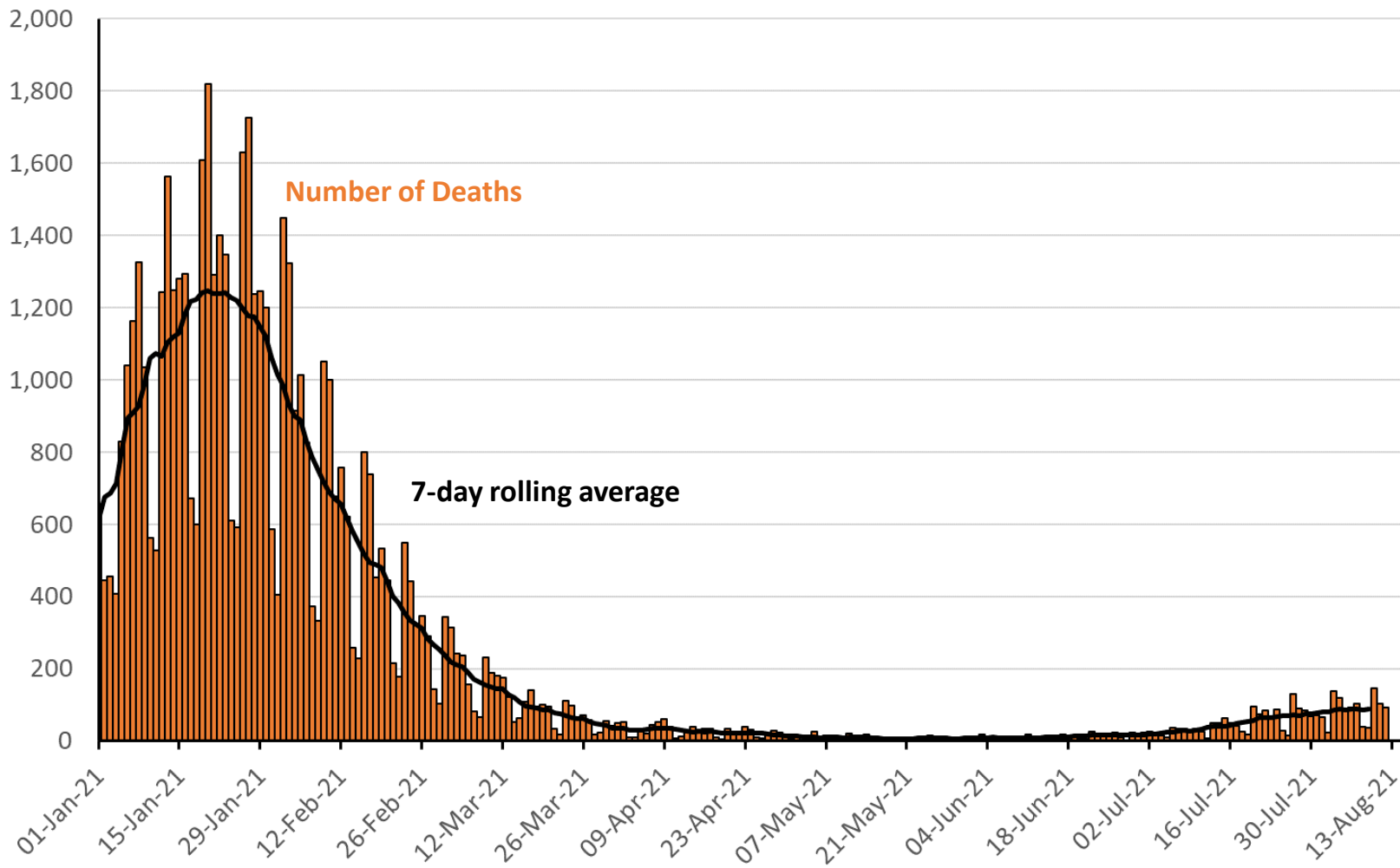


NHS summer crisis: Hospitals declare 'black alerts' as more operations are can...  
'We now have some trust chief executives ... telling us this is the busiest it has ever been'

[independent.co.uk](https://www.independent.co.uk)



# Number of deaths within 28 days of +ve COVID test reported per day across the UK to 12<sup>th</sup> August

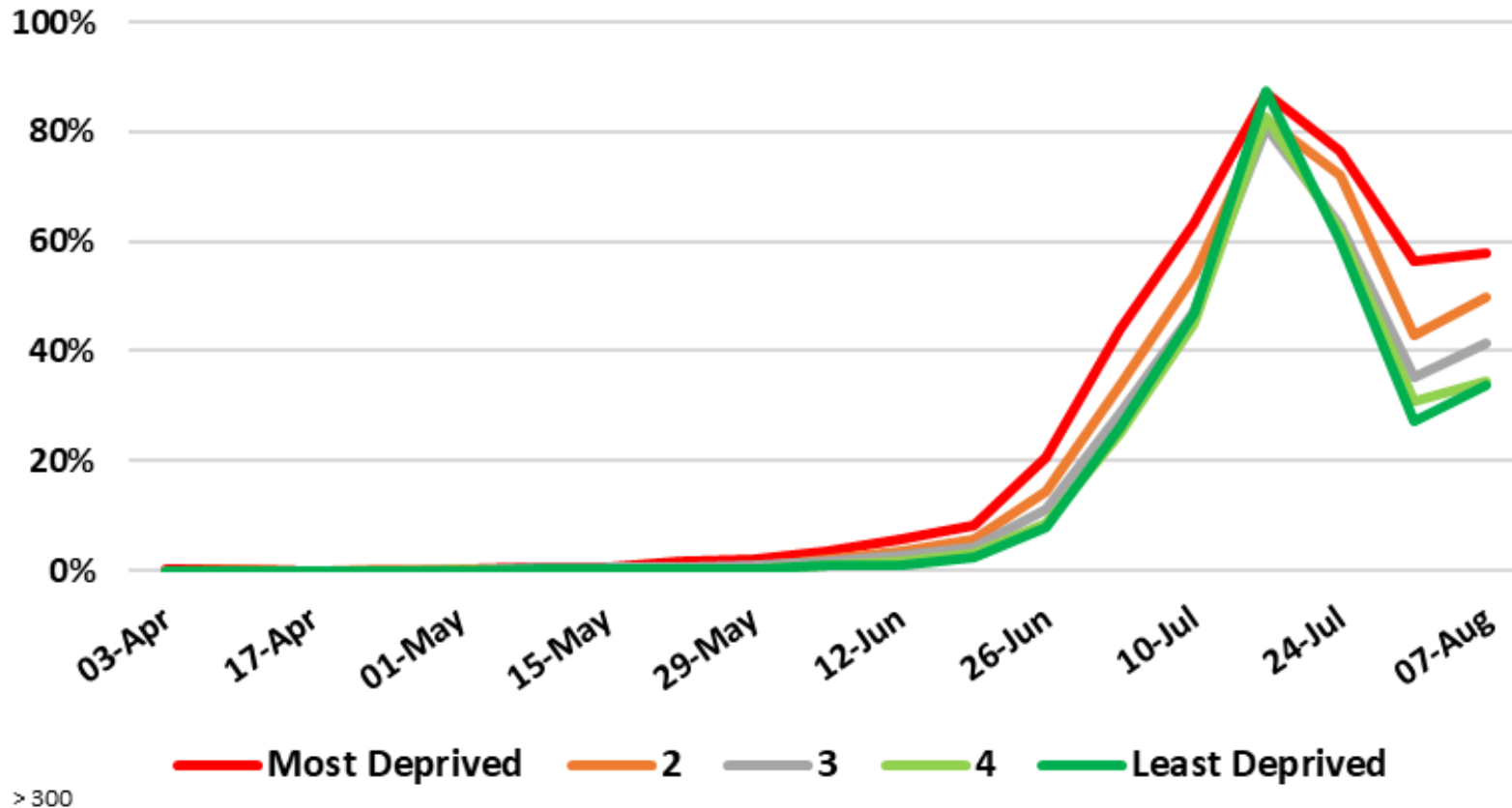


Data from <https://coronavirus.data.gov.uk/>

# Perspective

## Percent of MSOAs with Greater than 300 Cases per 100K per Week by Deprivation: England, 29 Aug to Aug 7

The most deprived communities more likely to have very high case rates



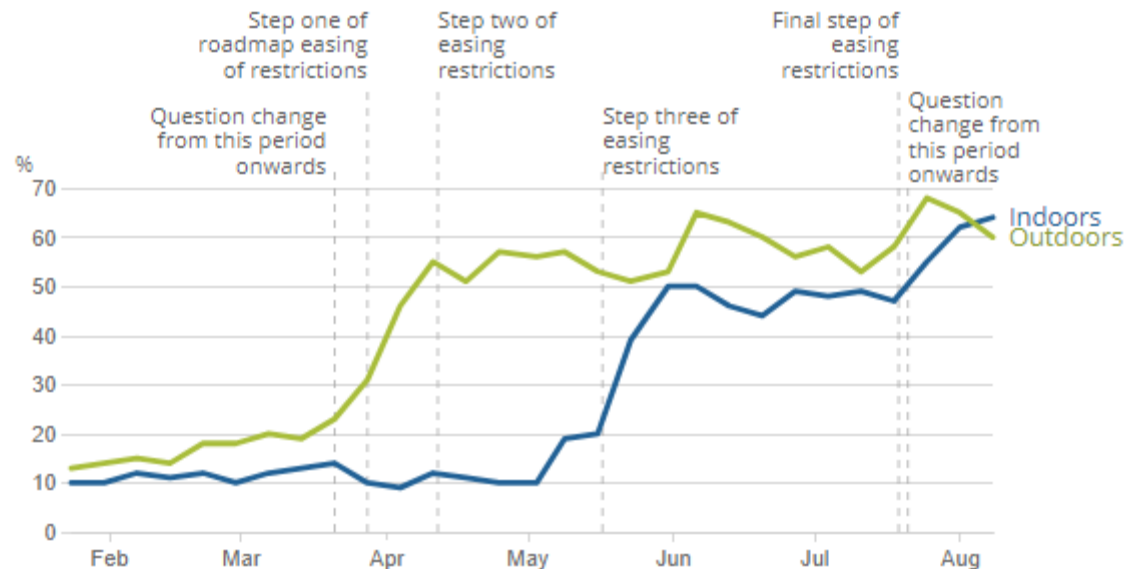
Data from <https://coronavirus.data.gov.uk>, deprivation data provided by Tom Worth.  
Thanks to Bob Hawkins for the chart

# Socialising is increasing

## Socialising

**Almost two thirds of adults met up indoors with someone not in their household in the latest week**

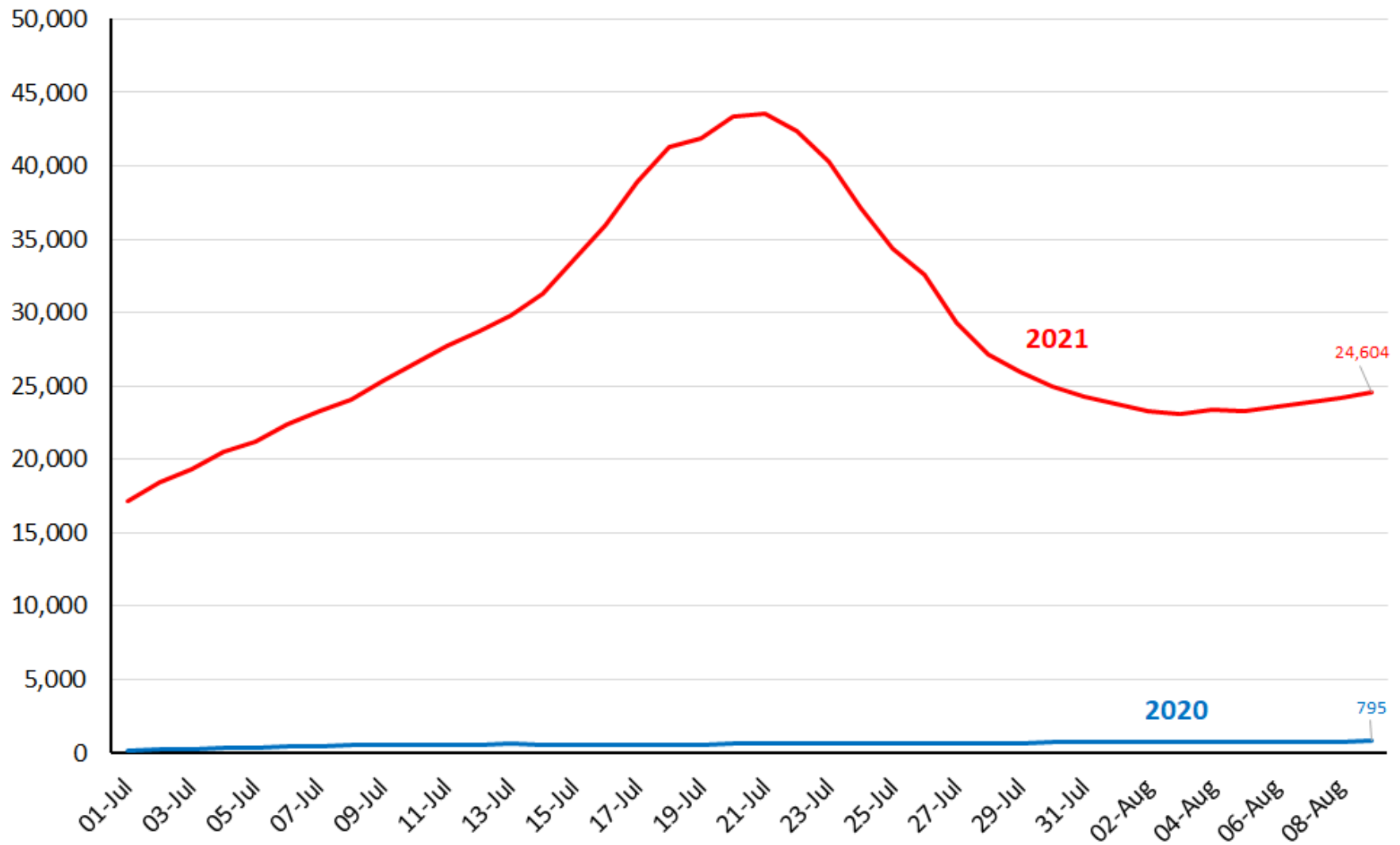
Adults in Great Britain, January to August 2021



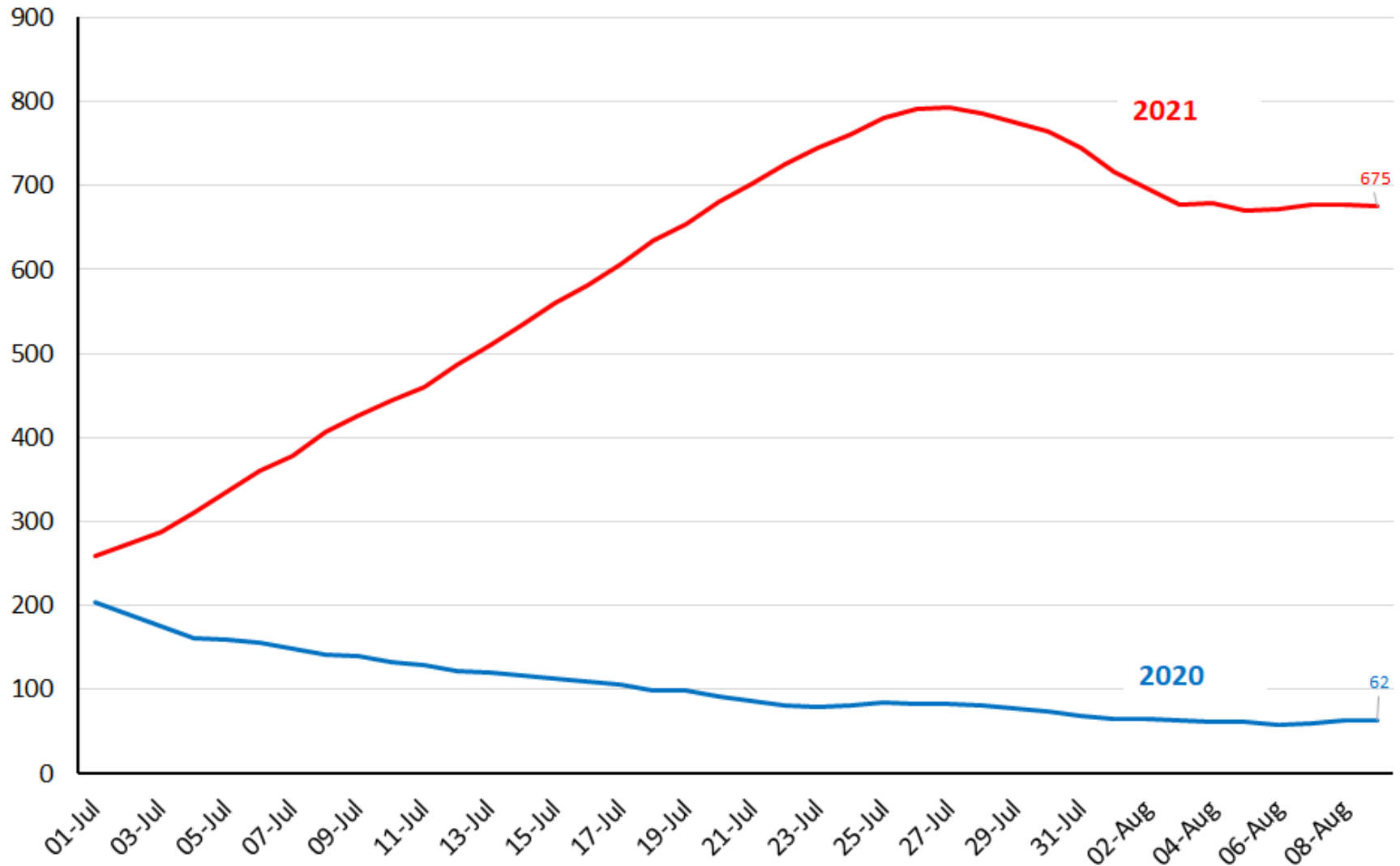
**Source: Office for National Statistics – Opinions and Lifestyle Survey**

[Embed code](#)

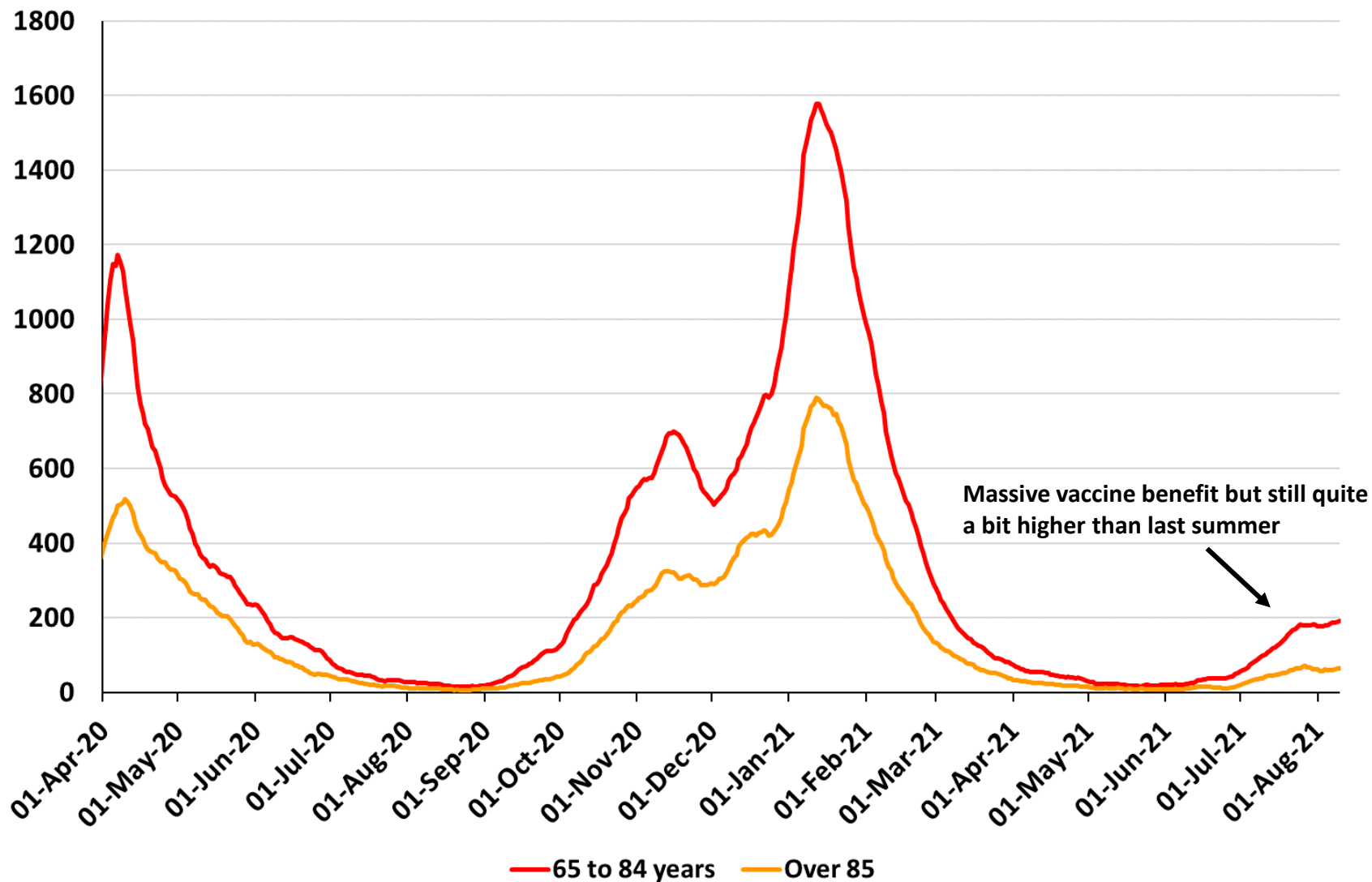
## 7-day avg of confirmed cases in England during summer 2020 compared to summer 2021



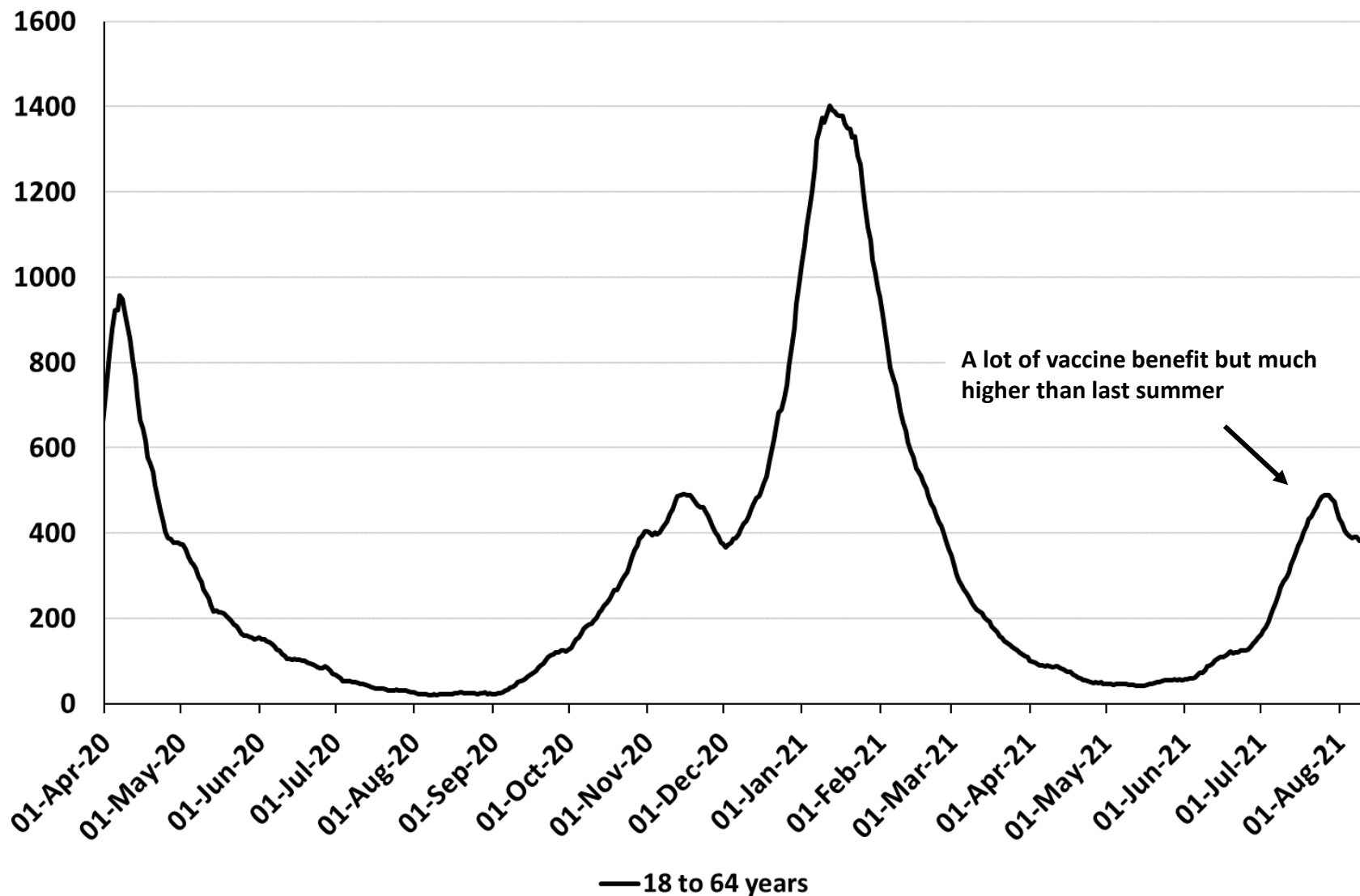
## 7-day avg of Covid hospital admissions in England during summer 2020 compared to summer 2021



## 7-day avg of Covid hospital admissions in England since April 2020 for over 65 year olds

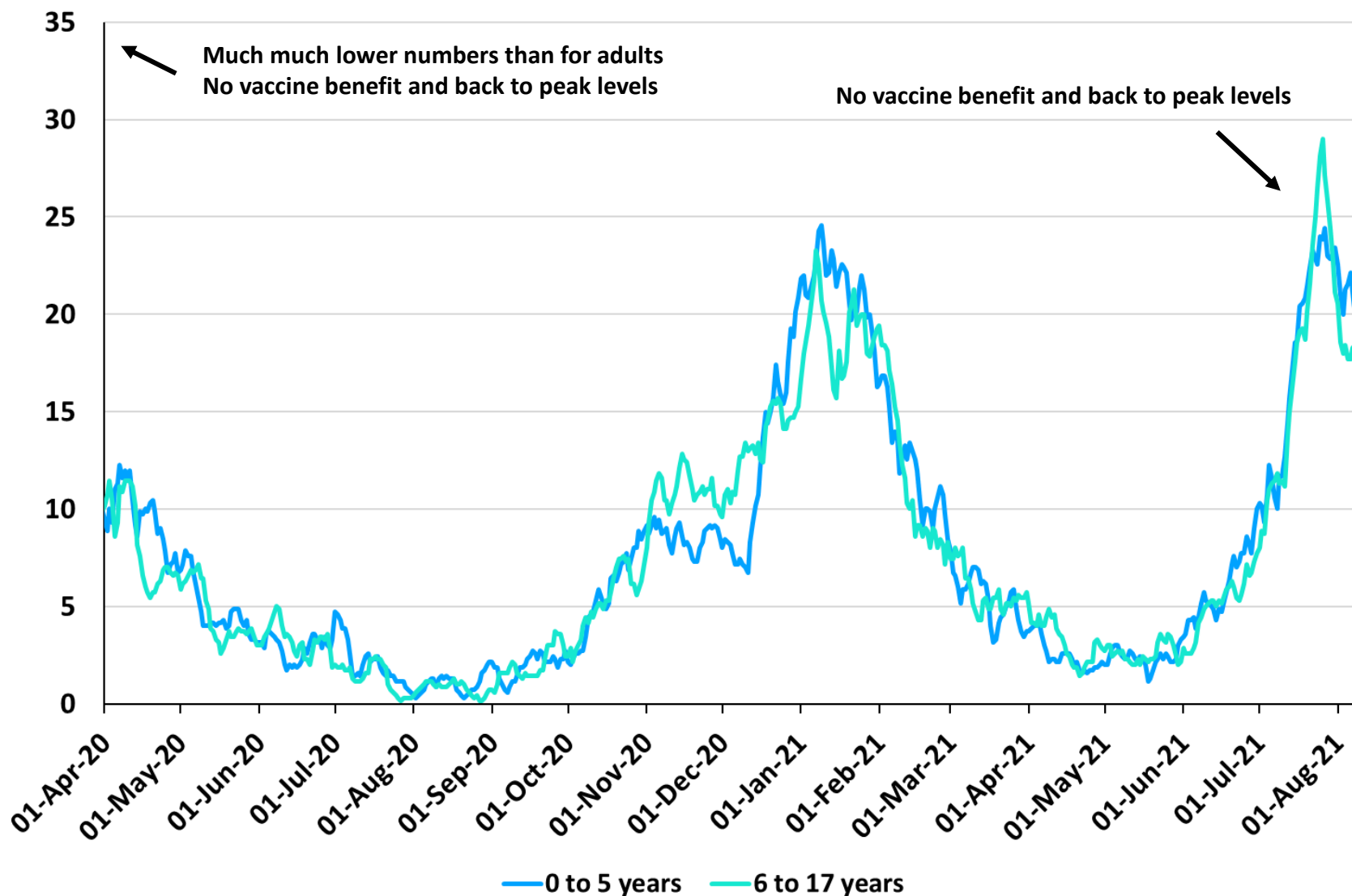


## 7-day avg of Covid hospital admissions in England since April 2020 for 18-64 year olds

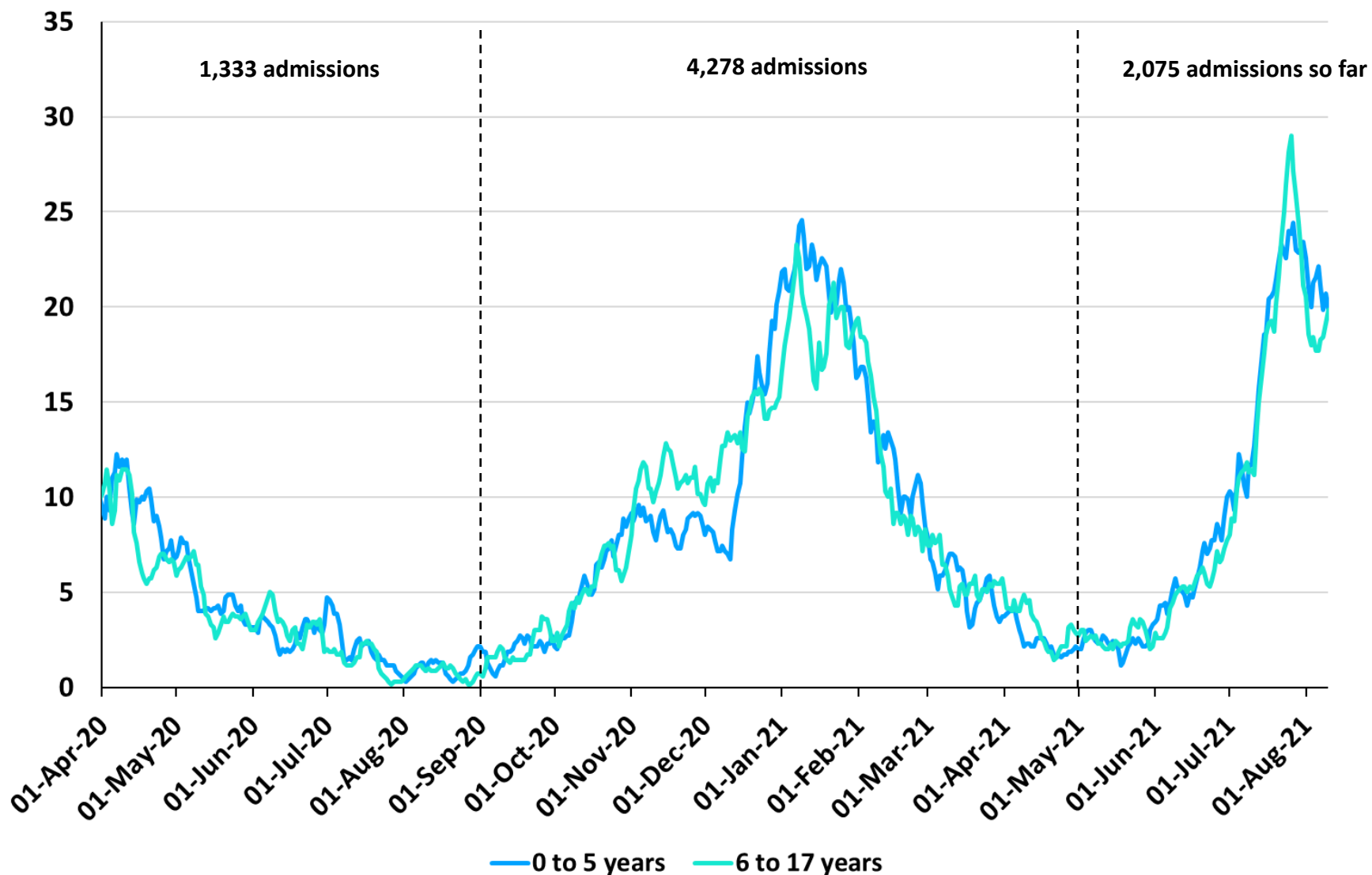




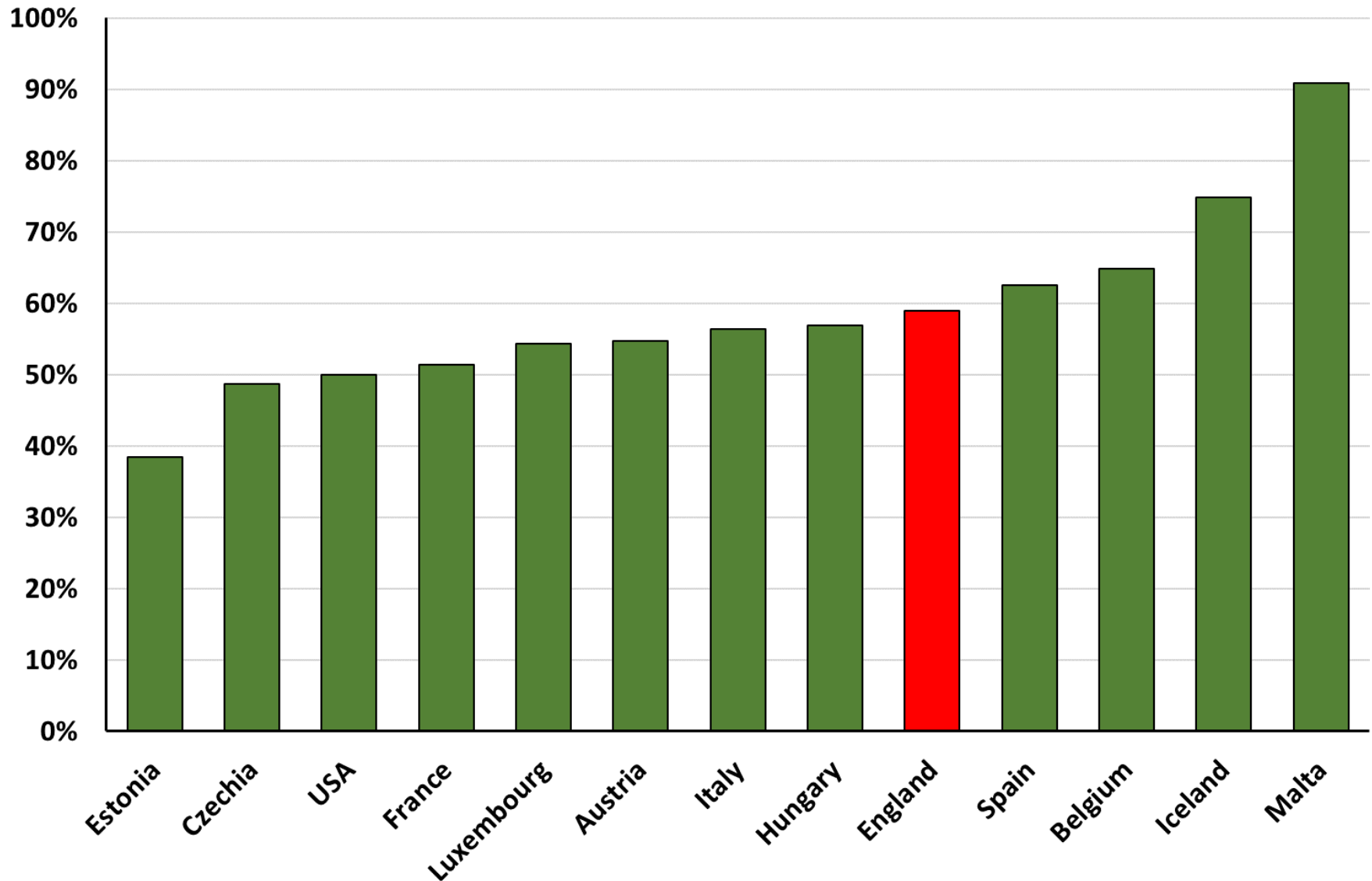
## 7-day avg of Covid hospital admissions in England since April 2020 for under 18s



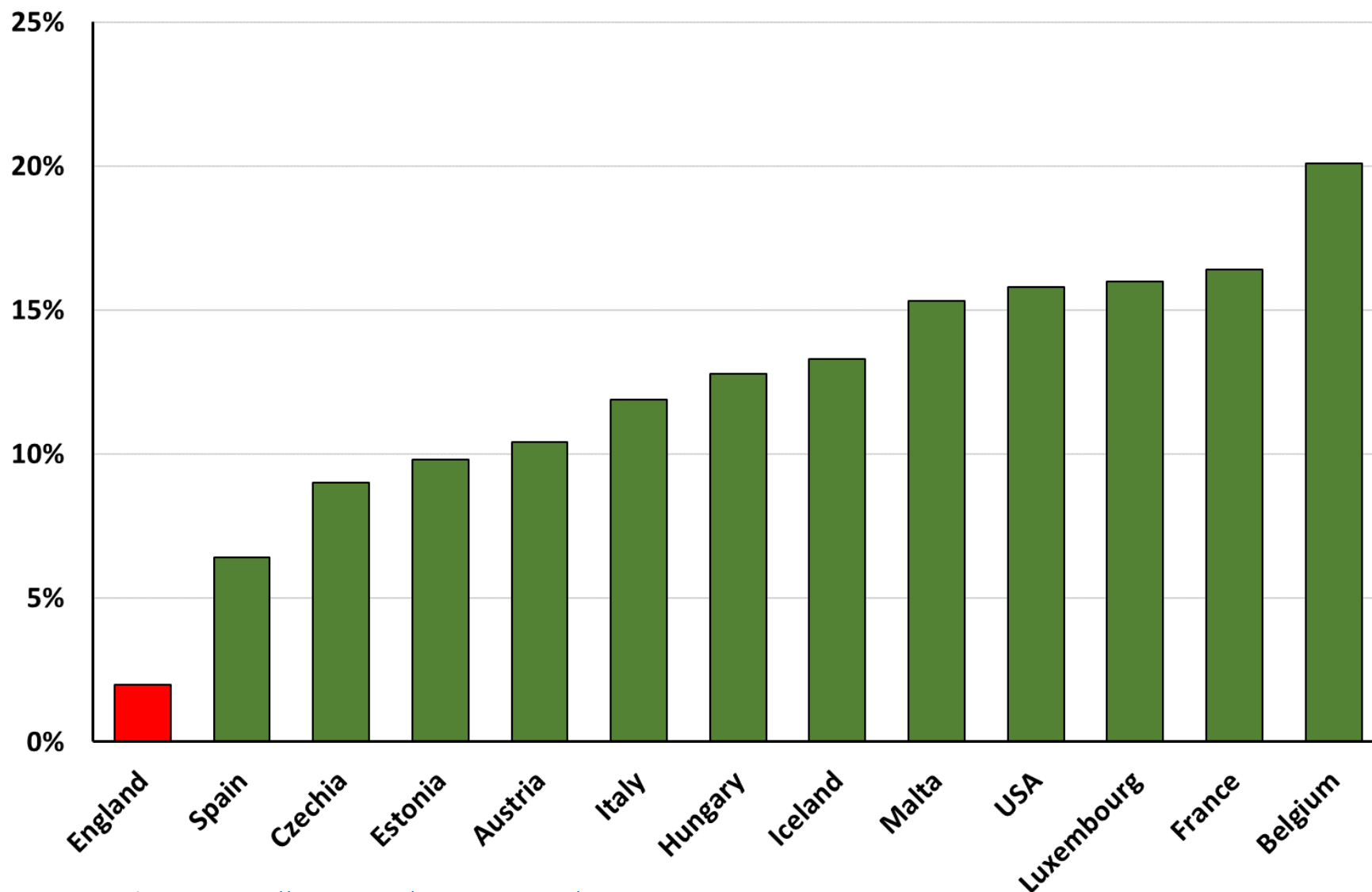
## 7-day avg of Covid hospital admissions in England since April 2020 for under 18s



## Percentage of whole population who have received one vaccine dose by country



## Percentage of under 18s who have received one vaccine dose by country. NOTE only 12-17 year olds are eligible!



Data from PHE, [https://covid.cdc.gov/covid-data-tracker/#vaccinations\\_vacc-total-admin-rate-total](https://covid.cdc.gov/covid-data-tracker/#vaccinations_vacc-total-admin-rate-total)  
and <https://vaccinetracker.ecdc.europa.eu/public/extensions/COVID-19/vaccine-tracker.html#age-group-tab>

## School guidance

### Europe - ECDC guidance

#### Summary

- In the context of circulating SARS-CoV-2 variants, including Delta, and given that children will be the largest unvaccinated population group in the EU/EEA by autumn 2021, it is important to ensure that appropriate in-school mitigation measures are in place and to have a high level of preparedness in the educational system so as to minimise the likelihood of SARS-CoV-2 transmission among students and staff.

### USA - CDC guidance

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#### UPDATE

Given new evidence on the B.1.617.2 (Delta) variant, CDC has updated the [guidance for fully vaccinated people](#). CDC recommends universal indoor masking for all teachers, staff, students, and visitors to K-12 schools, regardless of vaccination status. Children should return to full-time in-person learning in the fall with layered prevention strategies in place.

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### UK

#### News

#### Covid-19: Schools are not hubs of infection and are safe to reopen after summer break, study shows

*BMJ* 2021 ; 374 doi: <https://doi.org/10.1136/bmj.n2008> (Published 12 August 2021)

Cite this as: *BMJ* 2021;374:n2008

# Summary

- Cases are going up again – mainly in over 18s
- Hospitalisations are flat or increasing
- Vaccinations are continuing but rate of first doses is slow. Hopefully we start seeing 16 and 17 years olds taking up the vaccine
- We are out of step with international peers when it comes to vaccinating children and mitigations in schools.
- We are approaching autumn with cases 25x higher and hospitalisations 10x higher than last year and an NHS that is severely under strain. We are only one doubling away from July peak – not much room to manoeuvre.