

## **Latest numbers on COVID-19 in the UK – 05<sup>th</sup> August 2022**

A good news week!

Prevalence coming down in all nations (ONS).

Hospitalisations are decreasing.

Deaths starting to fall now.

Prevalence of long covid is falling.

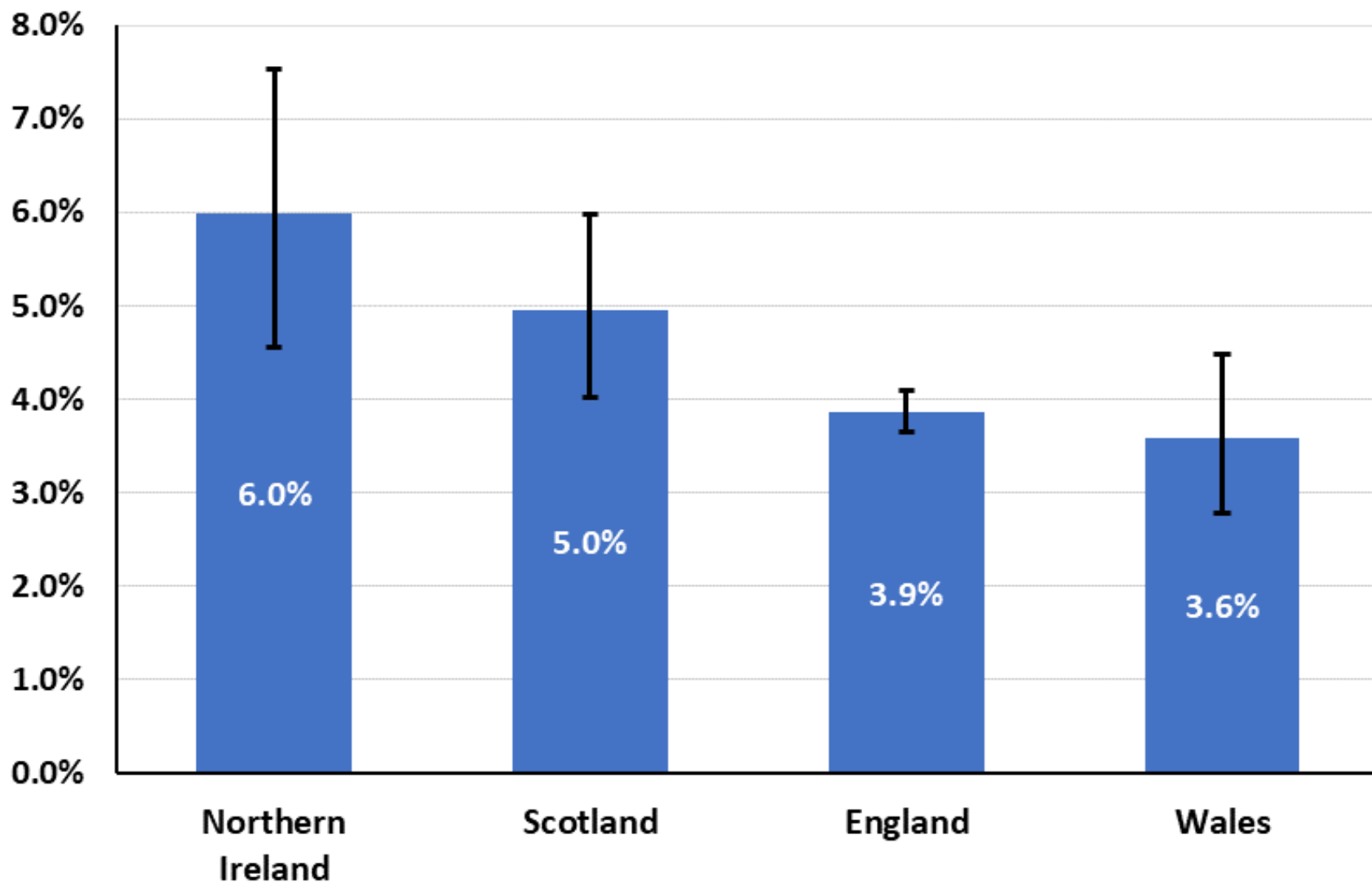
Impact on schools has not gone away.

1. Prevalence
2. Hospitalisations
3. Deaths
4. Long covid
5. Schools

# Prevalence

## Percent Testing Positive by Home Nation: 30 Jul 2022

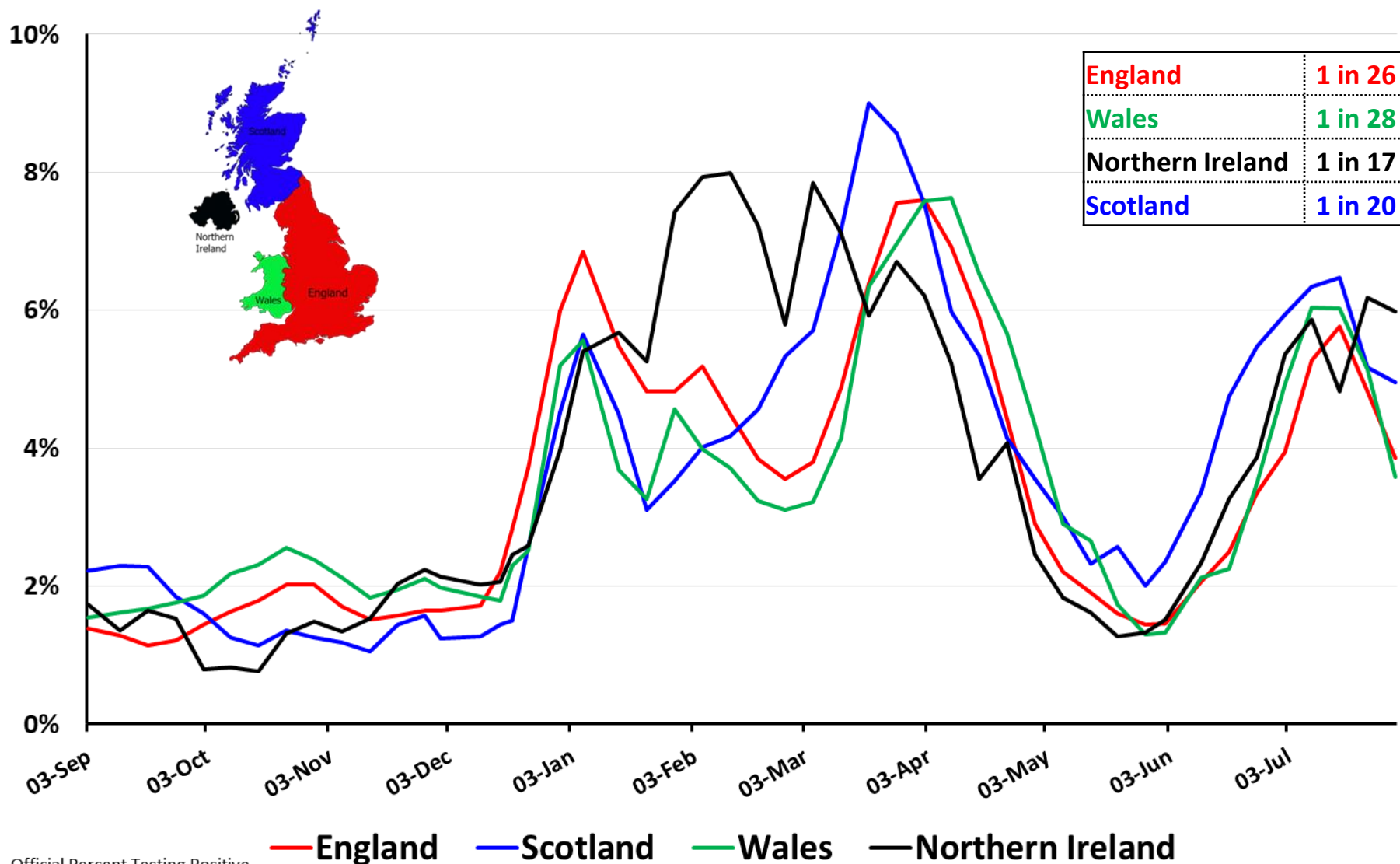
(Source: ONS Coronavirus (COVID-19) Infection Survey results)



Thanks to Bob Hawkins for the chart

# Percent Testing Positive by Nation: 3 Sep 2021 to 30 Jul 2022

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

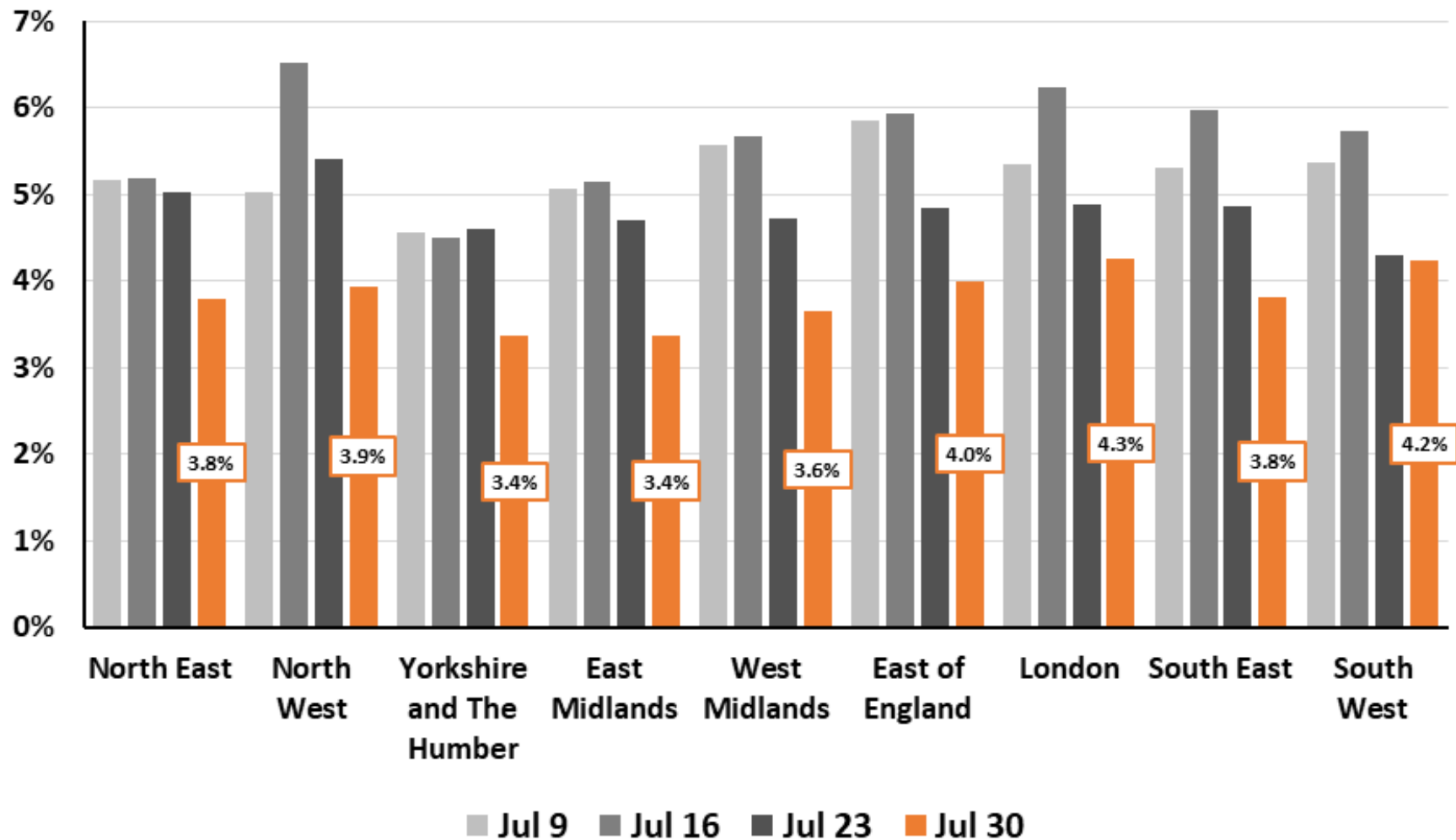


Official Percent Testing Positive

Thanks to Bob Hawkins for the chart

## Percent Testing Positive by Region: Recent Trend

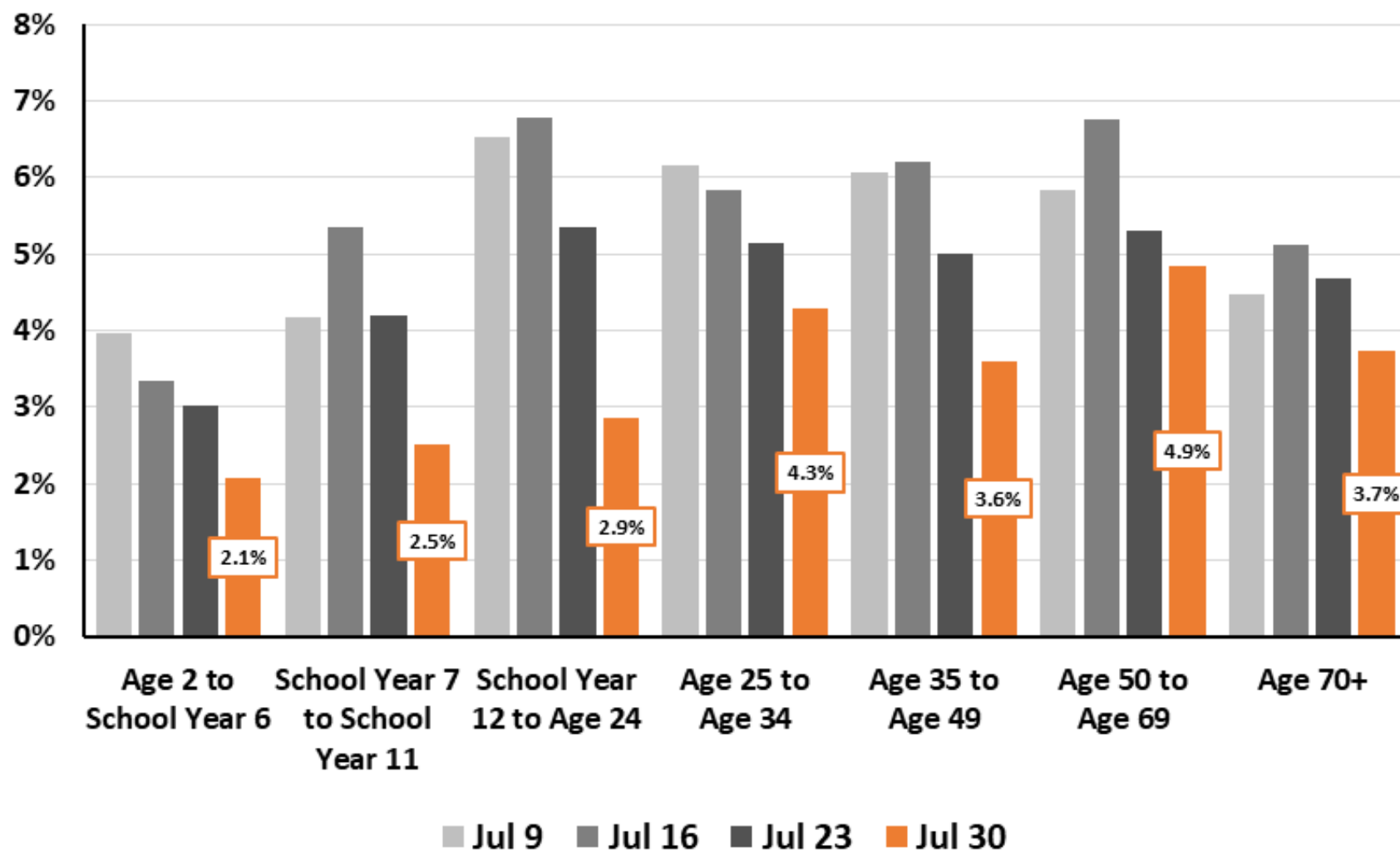
(Source: ONS Coronavirus (COVID-19) Infection Survey results)



Thanks to Bob Hawkins for the chart

# Percent Testing Positive by Age for England: Recent Trend

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

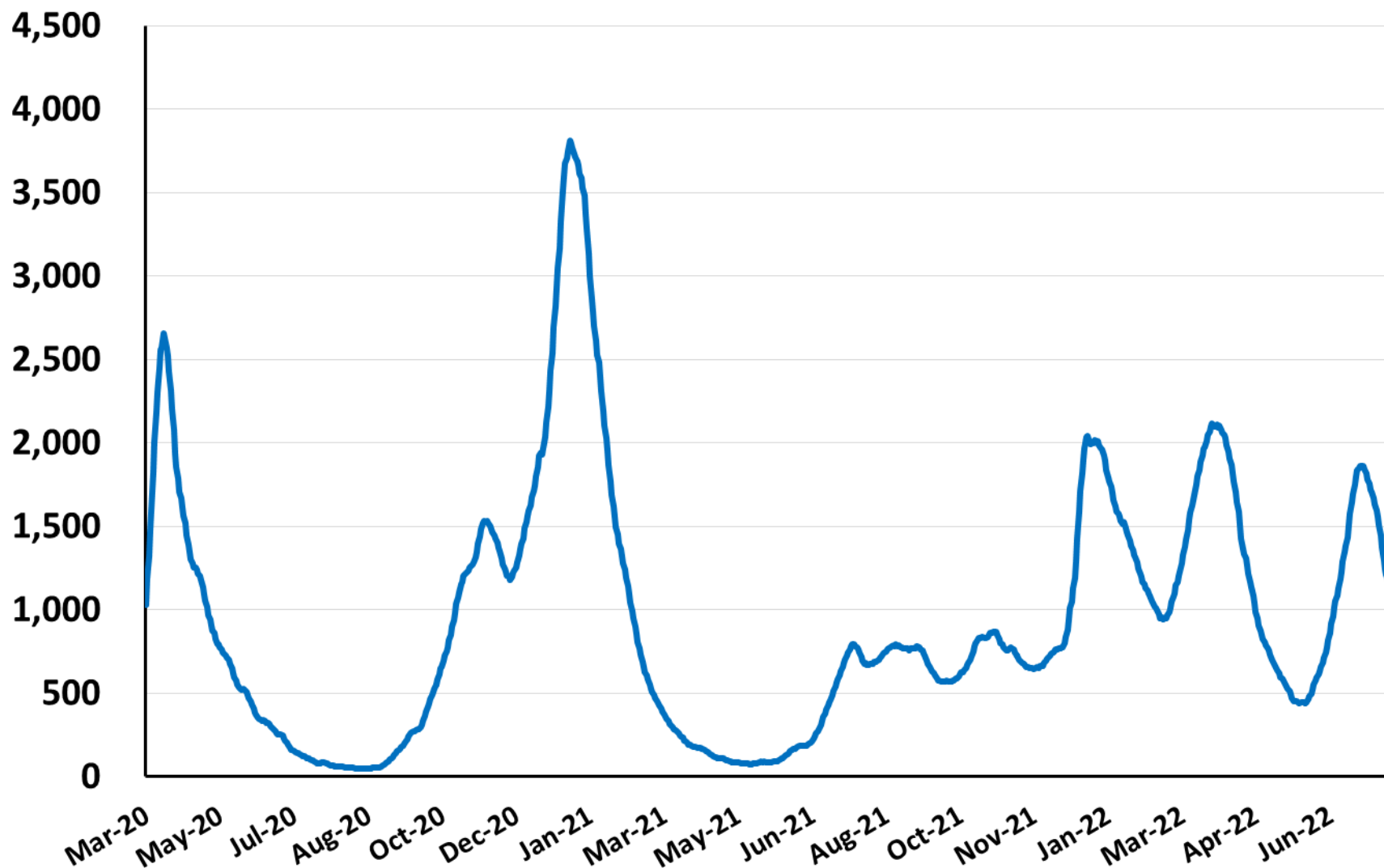


Thanks to Bob Hawkins for the chart

Hospital covid

# Daily Hospital Admissions for England: Mar 26 2020 – Aug 1 2022

(Source: Covid Daily Update)



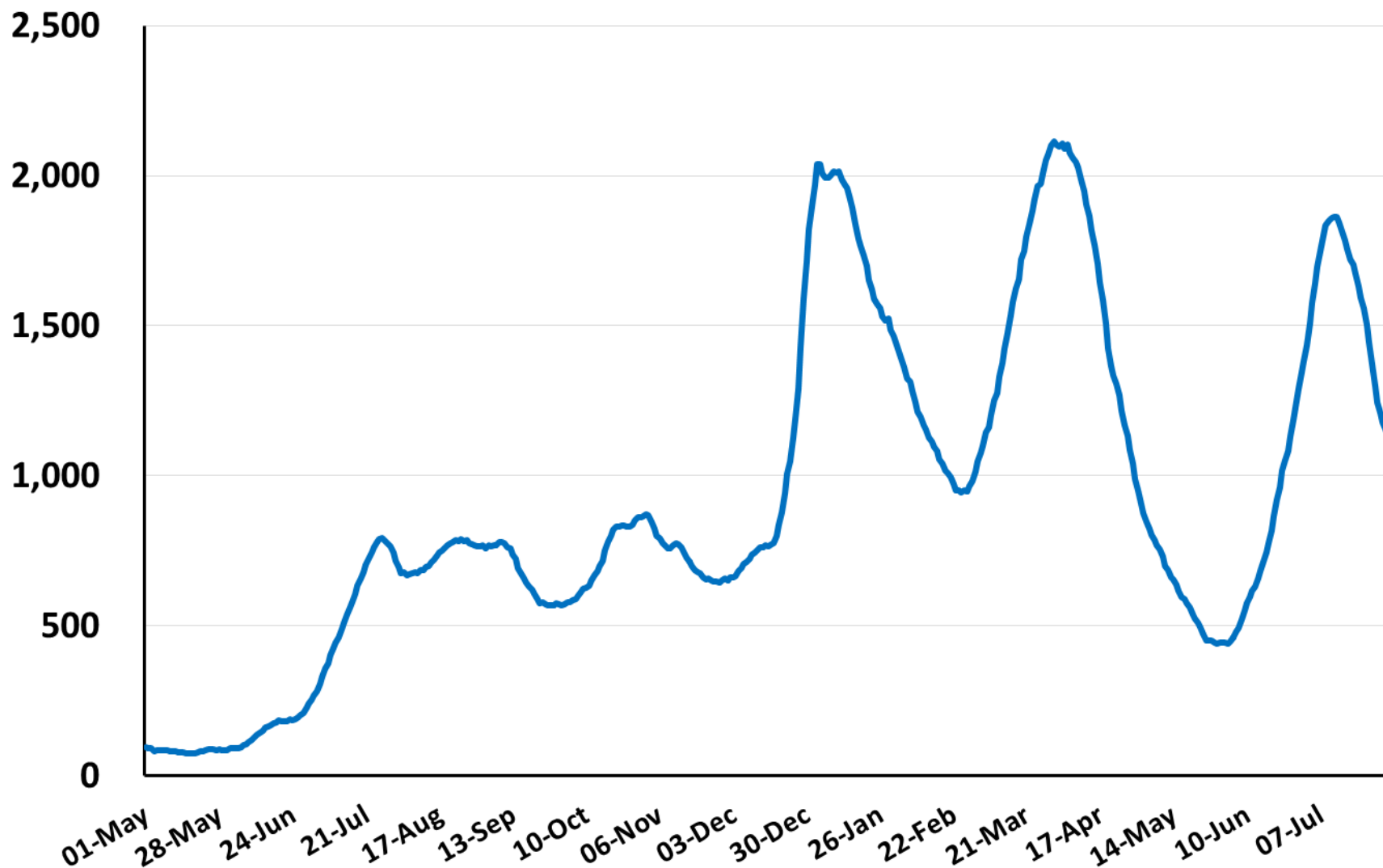
Daily Admissions (7DMA)

01-Aug-22



# Daily Hospital Admissions for England: May 1 2021 – Aug 1 2022

(Source: Covid Daily Update)



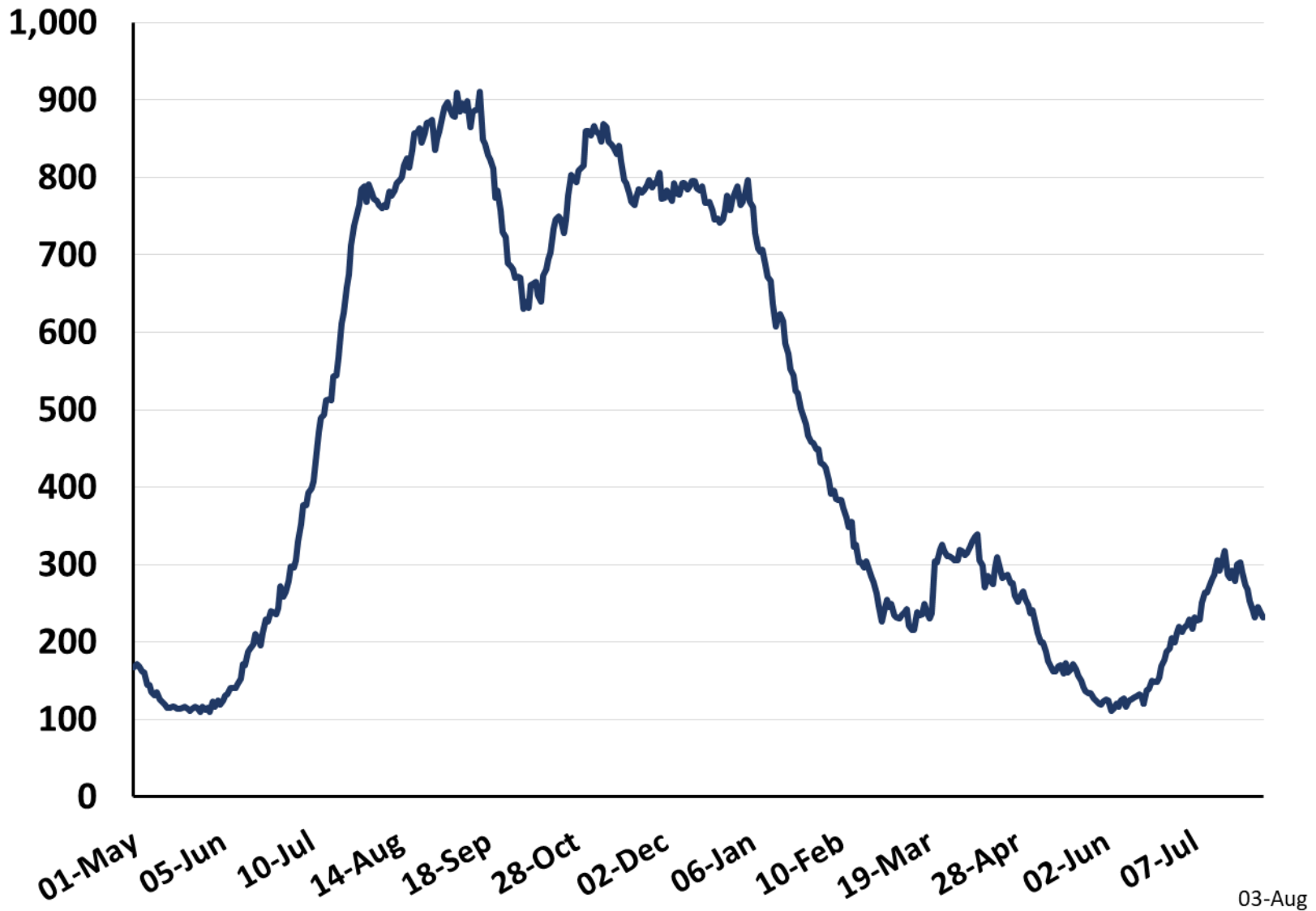
Daily Admissions (7DMA)

01-Aug-22

# Daily Occupied Mechanically Ventilated Beds for England

May 1 2021 – Aug 3 2022

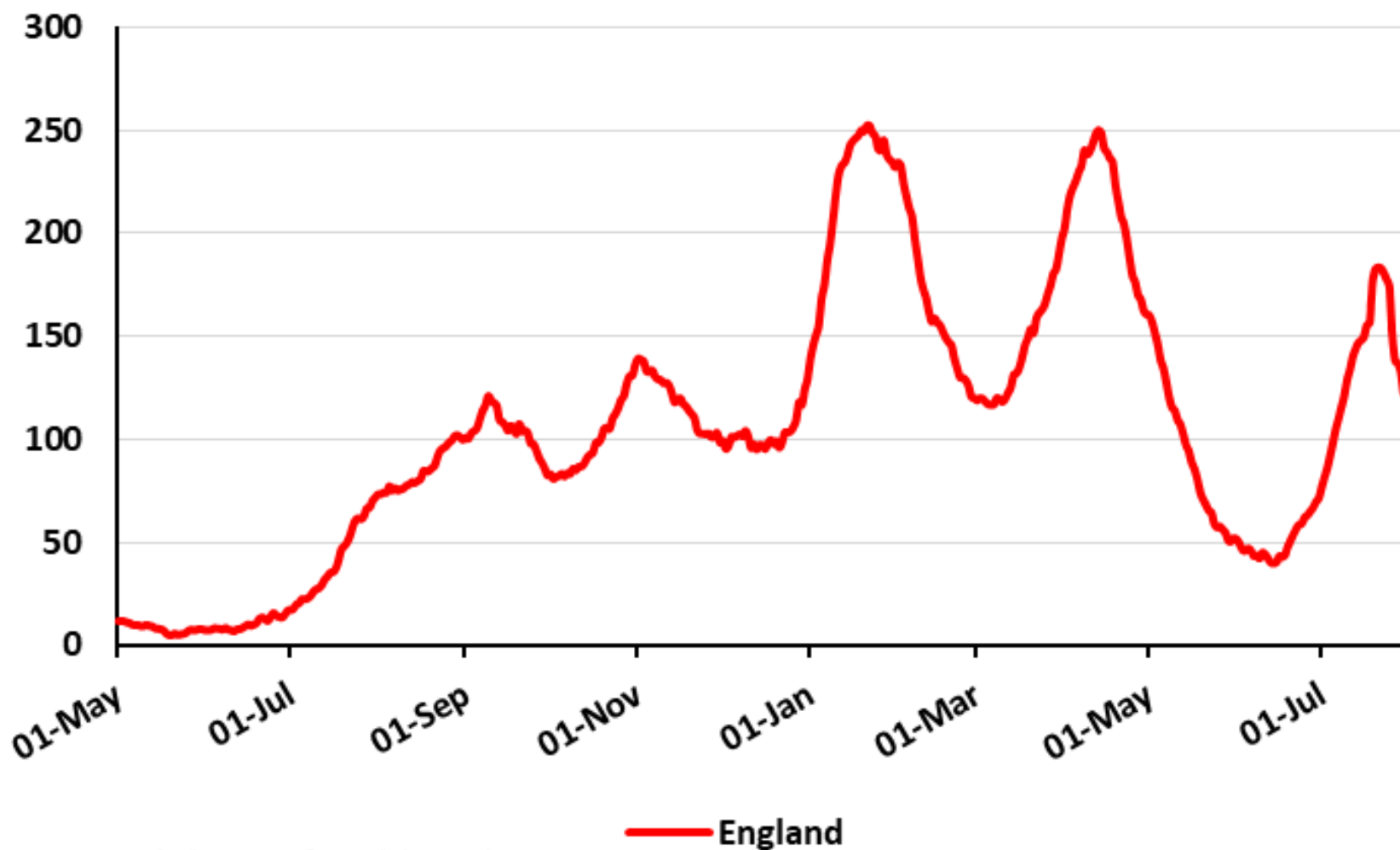
(Source: Covid Daily Update)



Deaths

# Daily Deaths Within 28 Days of Positive Test by Date of Death For England: 1 May 2021 – 30 Jul 2022

(Source: UK Covid Dashboard)

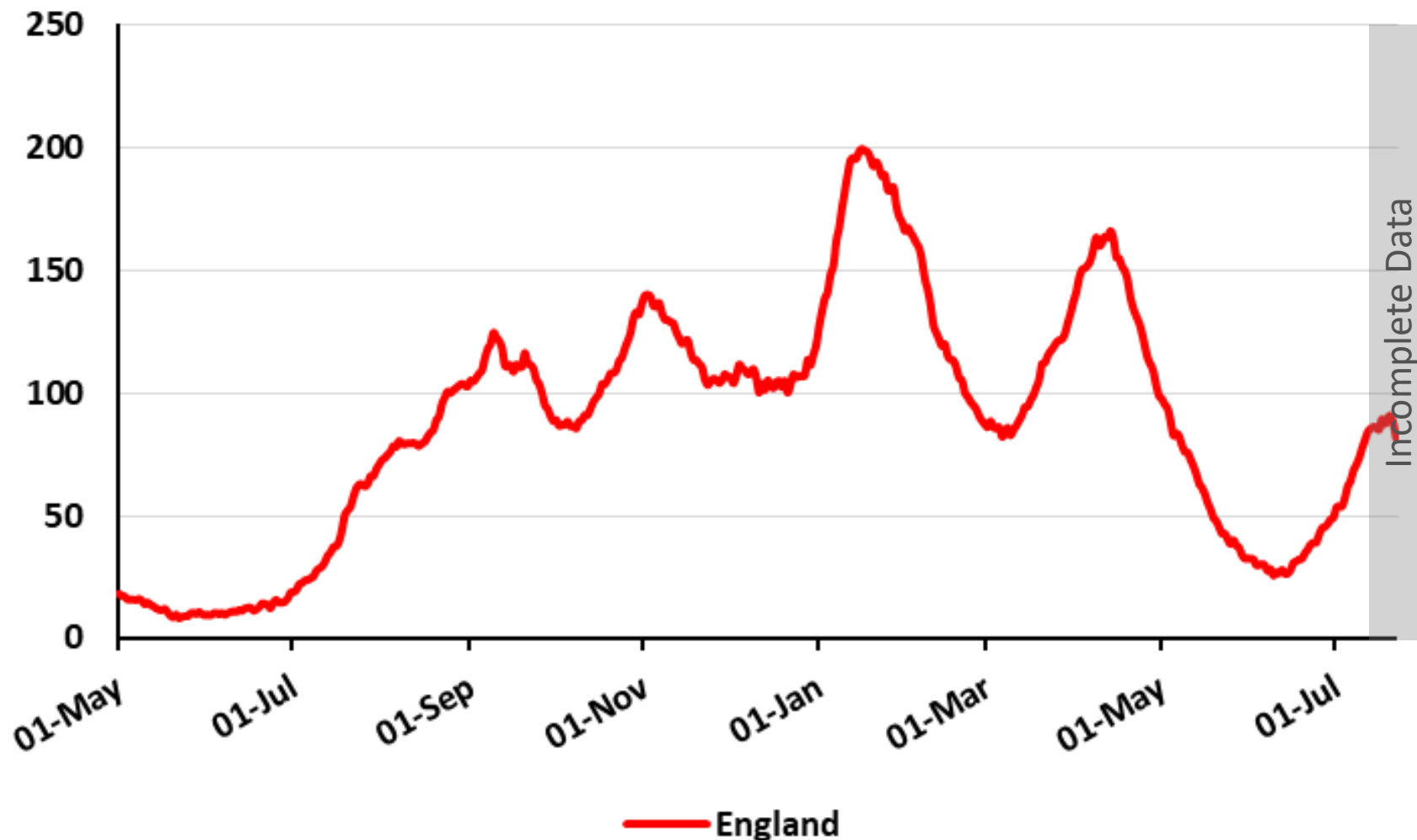


28 Days Deaths by Date of Death (7DMA)

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

# Daily deaths with COVID-19 on the death certificate by Date of Death For England: 1 May 2021 – 22 Jul 2022

(Source: UK Covid Dashboard)



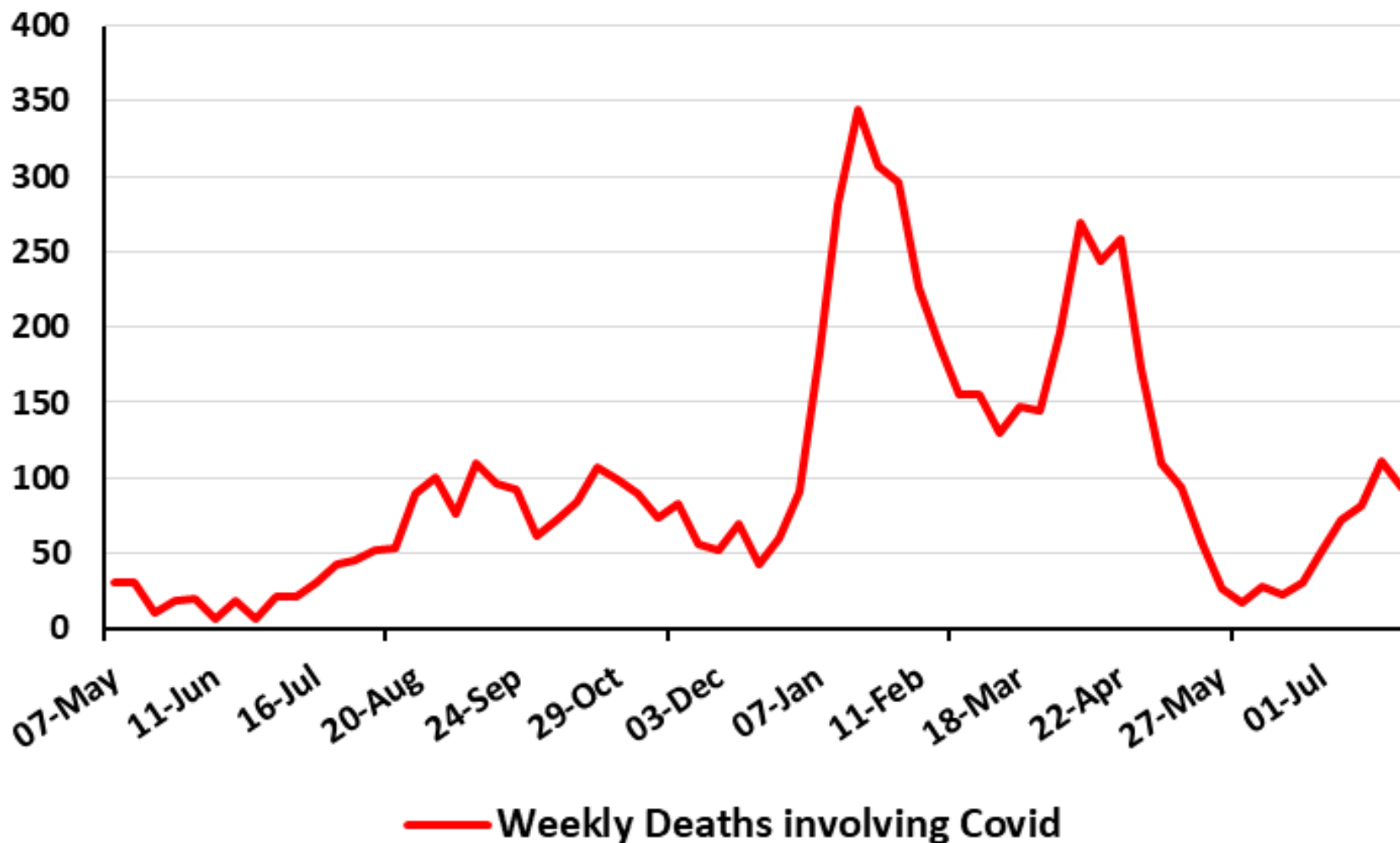
ONS Deaths by Date of Death (7DMA)

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

# Weekly deaths with COVID-19 in Care Homes for England

## Week Ending 7 May 2021 – 29 Jul 2022

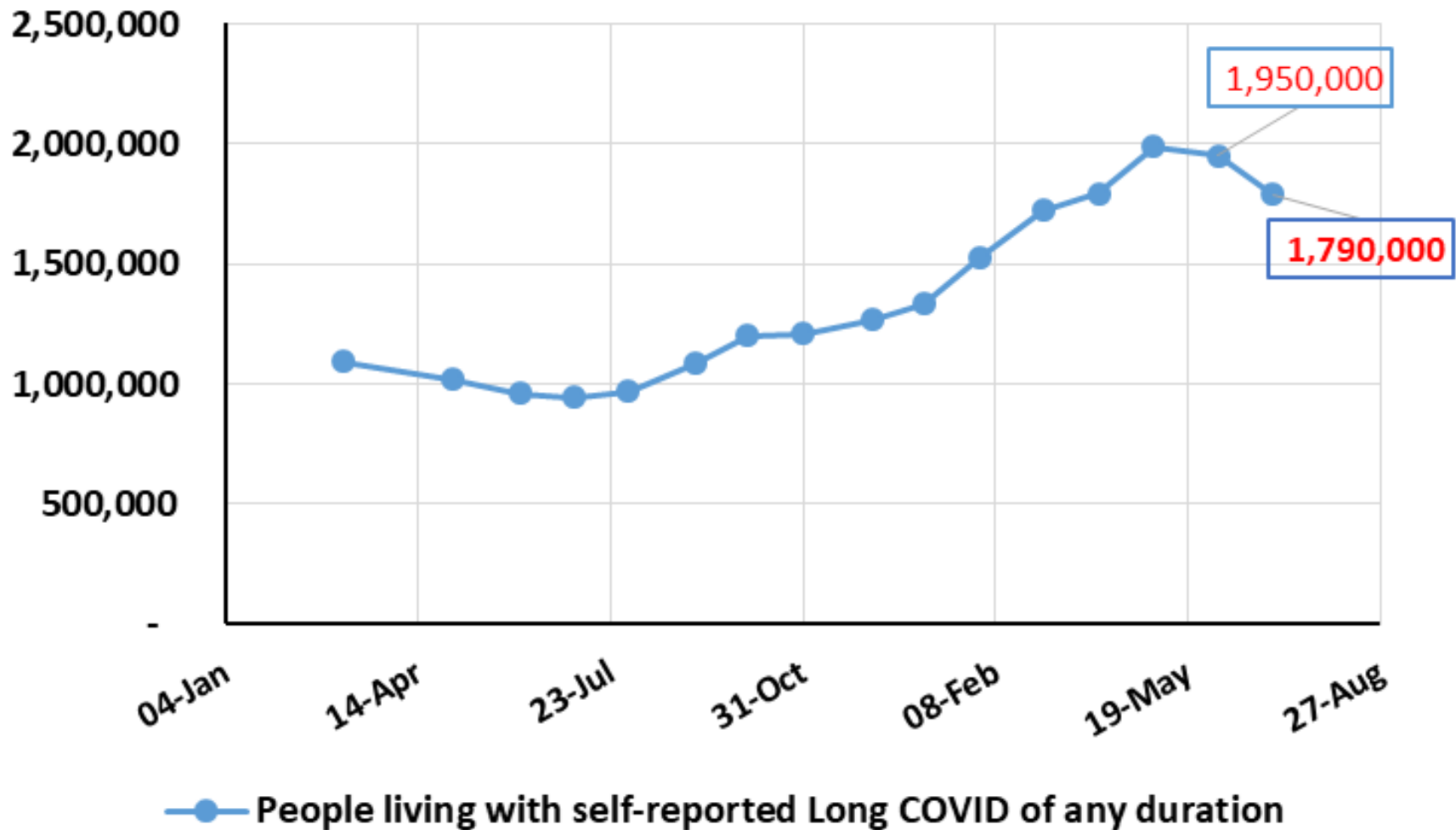
(Source: Number of deaths in care homes notified to the Care Quality Commission, England)



Long covid

# Number of People Living with Self-Reported Long Covid in the UK Mar 6, 2021 to Jul 2, 2022

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



All

Thanks to Bob Hawkins for the chart

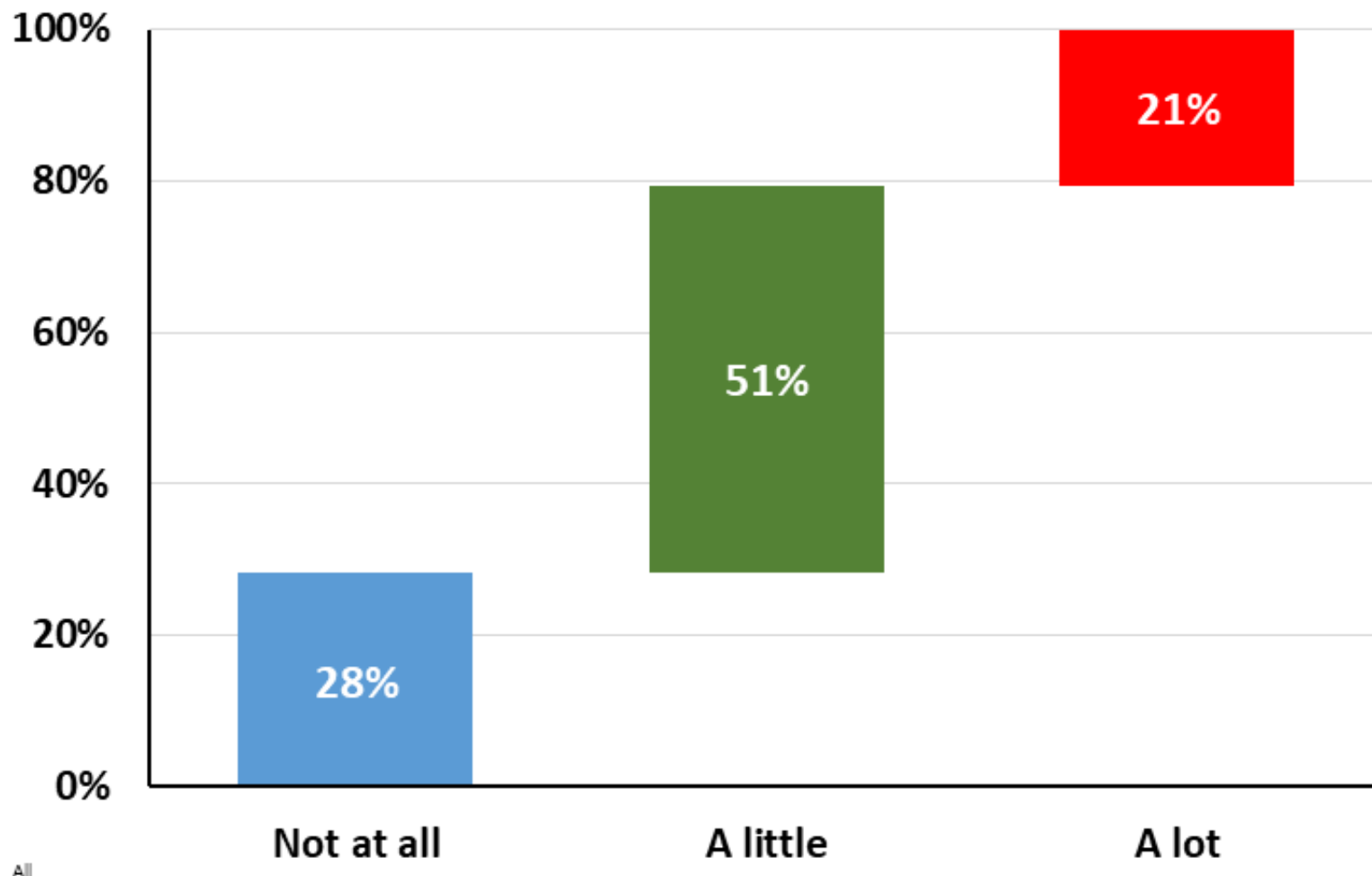
<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatarelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk>



# Impact on People Living with Self-Reported Long Covid in the UK

## Jun 5 - Jul 2, 2022

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

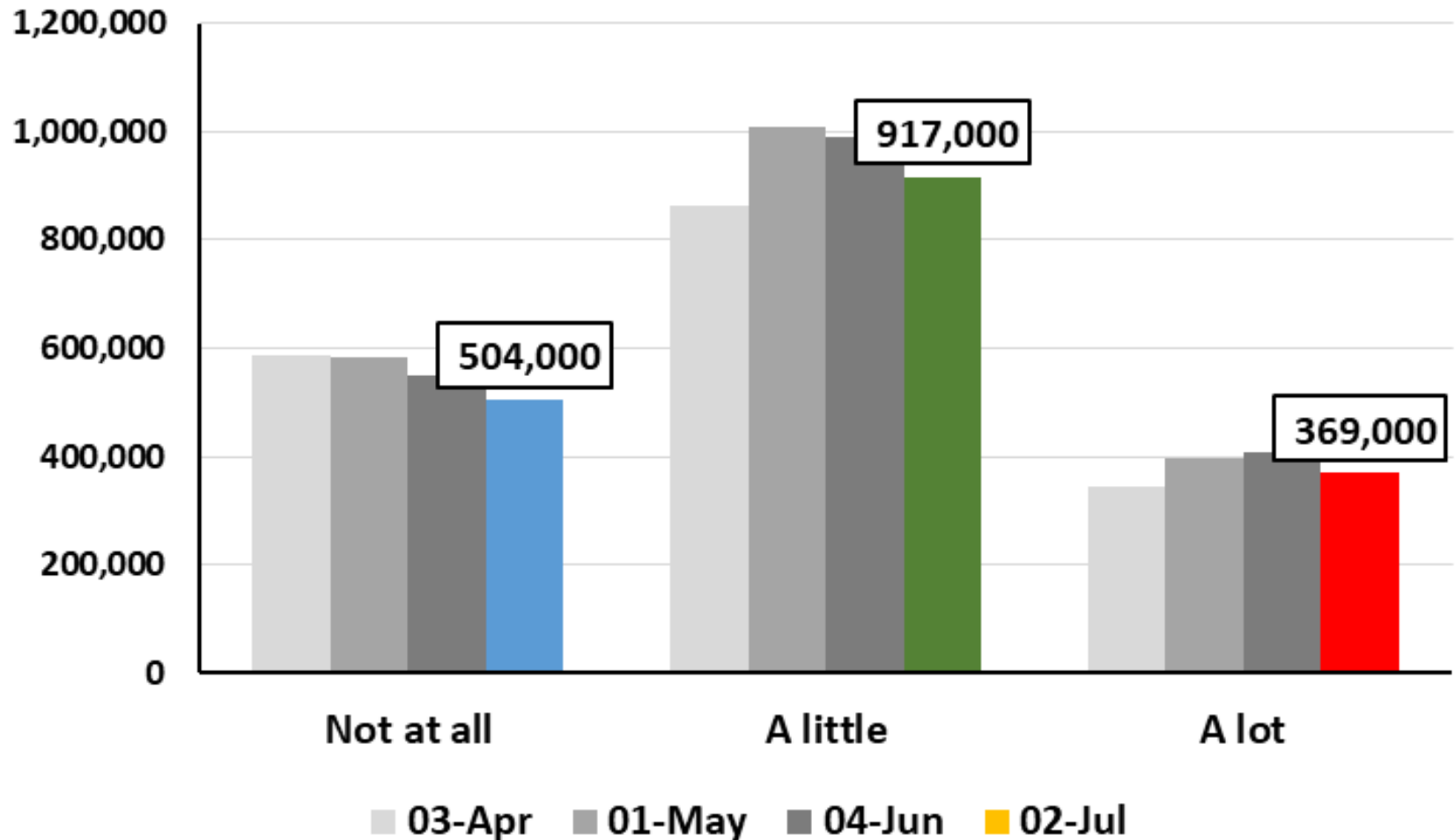


**Extent to which long COVID reduces ability to undertake day-to-day activities**

Thanks to Bob Hawkins for the chart

# Impact on People Living with Self-Reported Long Covid in the UK Recent Trend

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

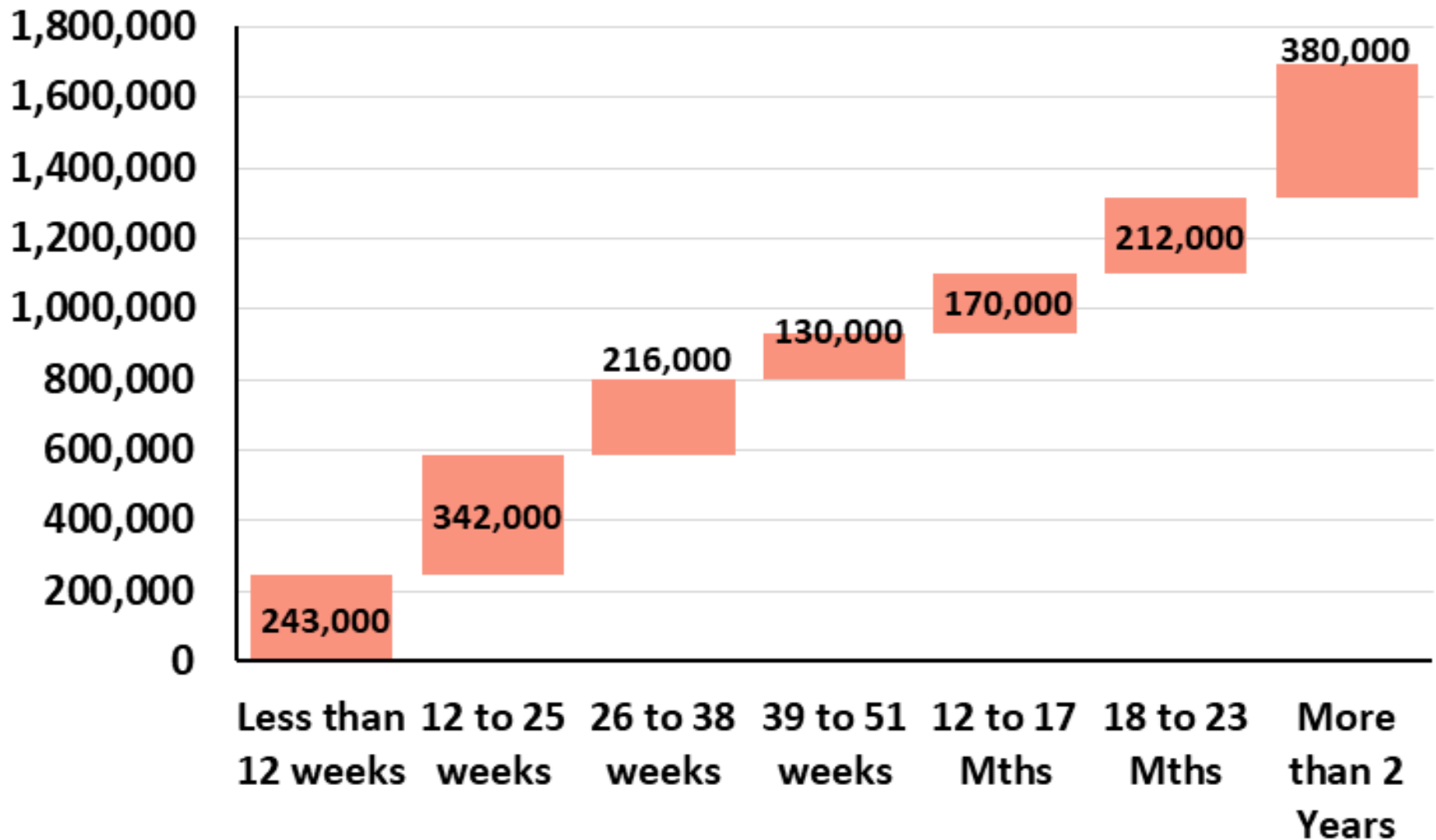


**Extent to which long COVID reduces ability to undertake day-to-day activities**

Thanks to Bob Hawkins for the chart

# Length of Time People Spent Living with Self-Reported Long Covid in the UK: Jun 5 - Jul 2, 2022

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



All

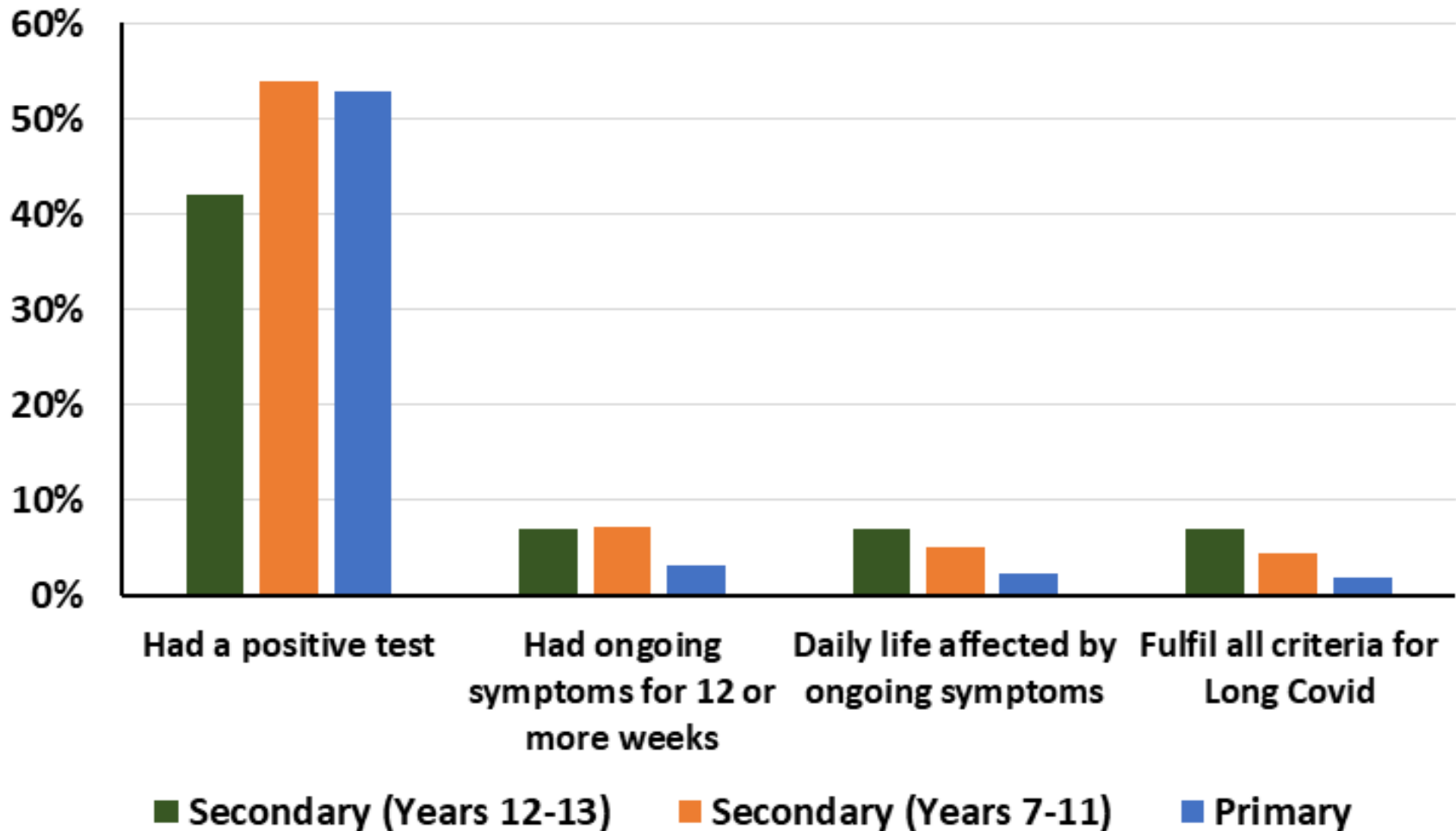
Thanks to Bob Hawkins for the chart

# Schools

Long covid in school pupils

# Percent of Pupils Fulfilling Criteria for Long Covid by School in England for Mar 2022

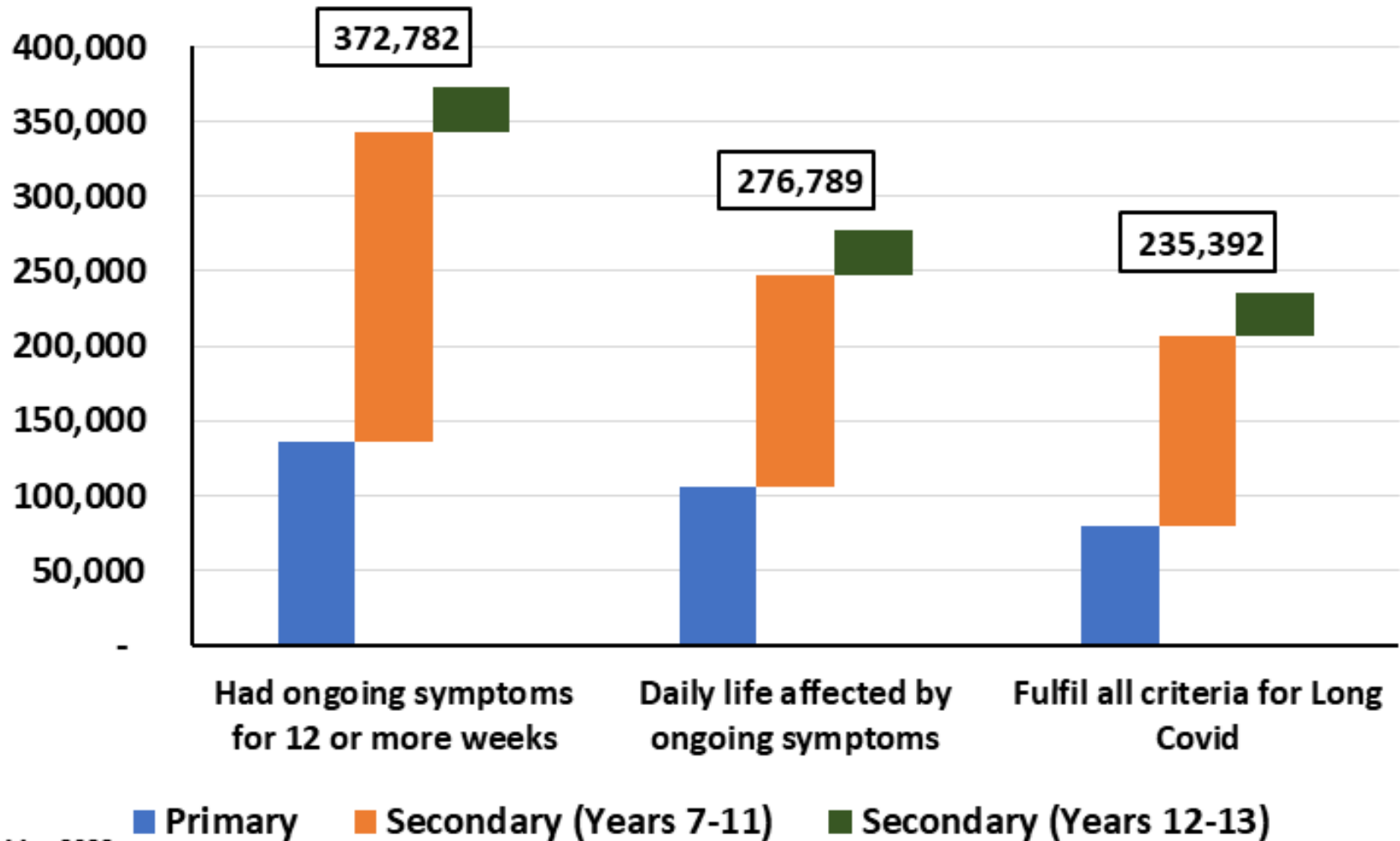
(Source: COVID-19 Schools Infection Survey – Published 15 Jun 2022)



Mar 2022

# Number of Pupils Fulfilling Criteria for Long Covid by School in England for Mar 2022

(Source: COVID-19 Schools Infection Survey – Published 15 Jun 2022)



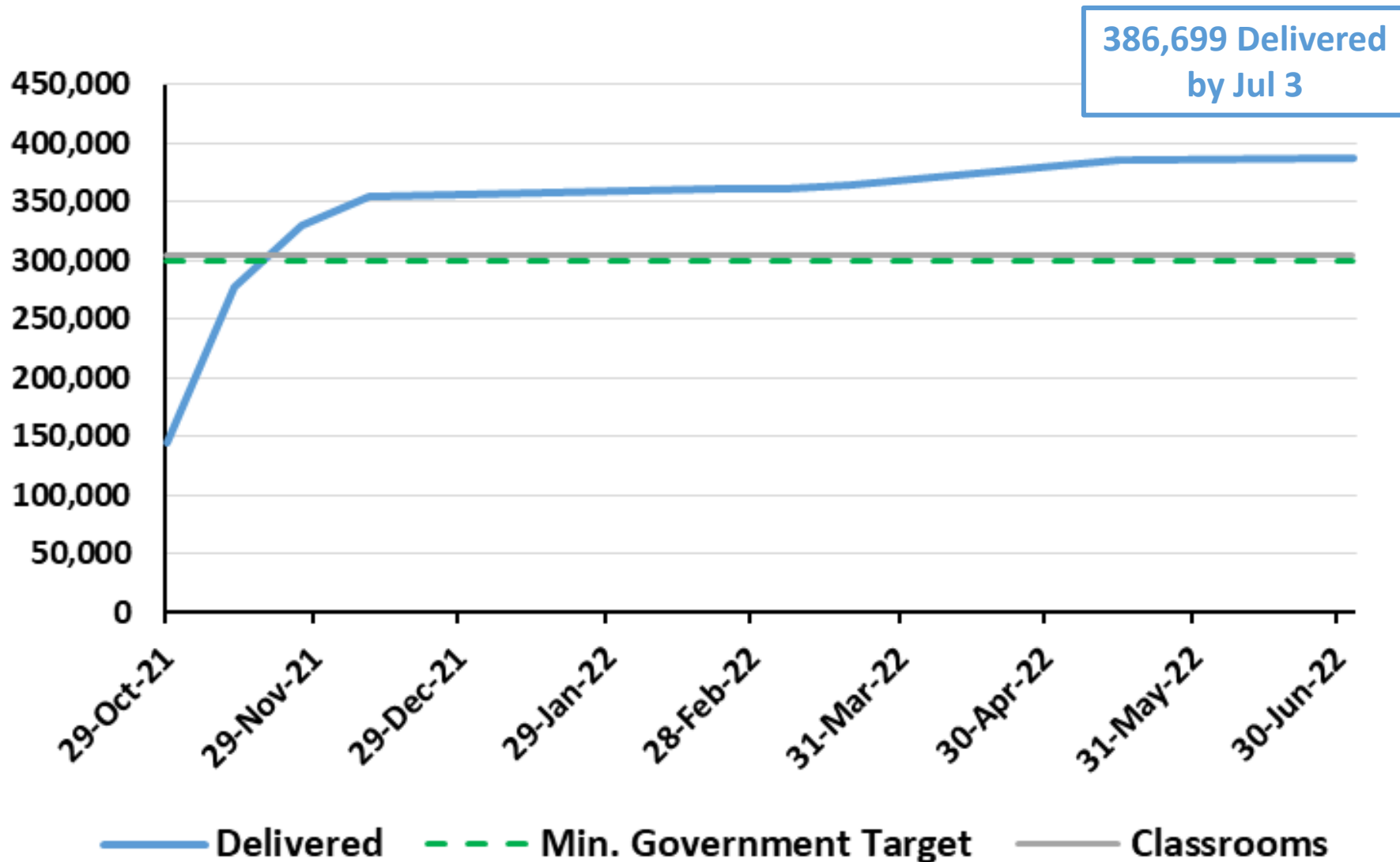
Mar 2022

# Schools ventilation



# Number of CO2 Monitors Delivered to State Education Settings in England from Oct 29, 2021 to Jul 3, 2022

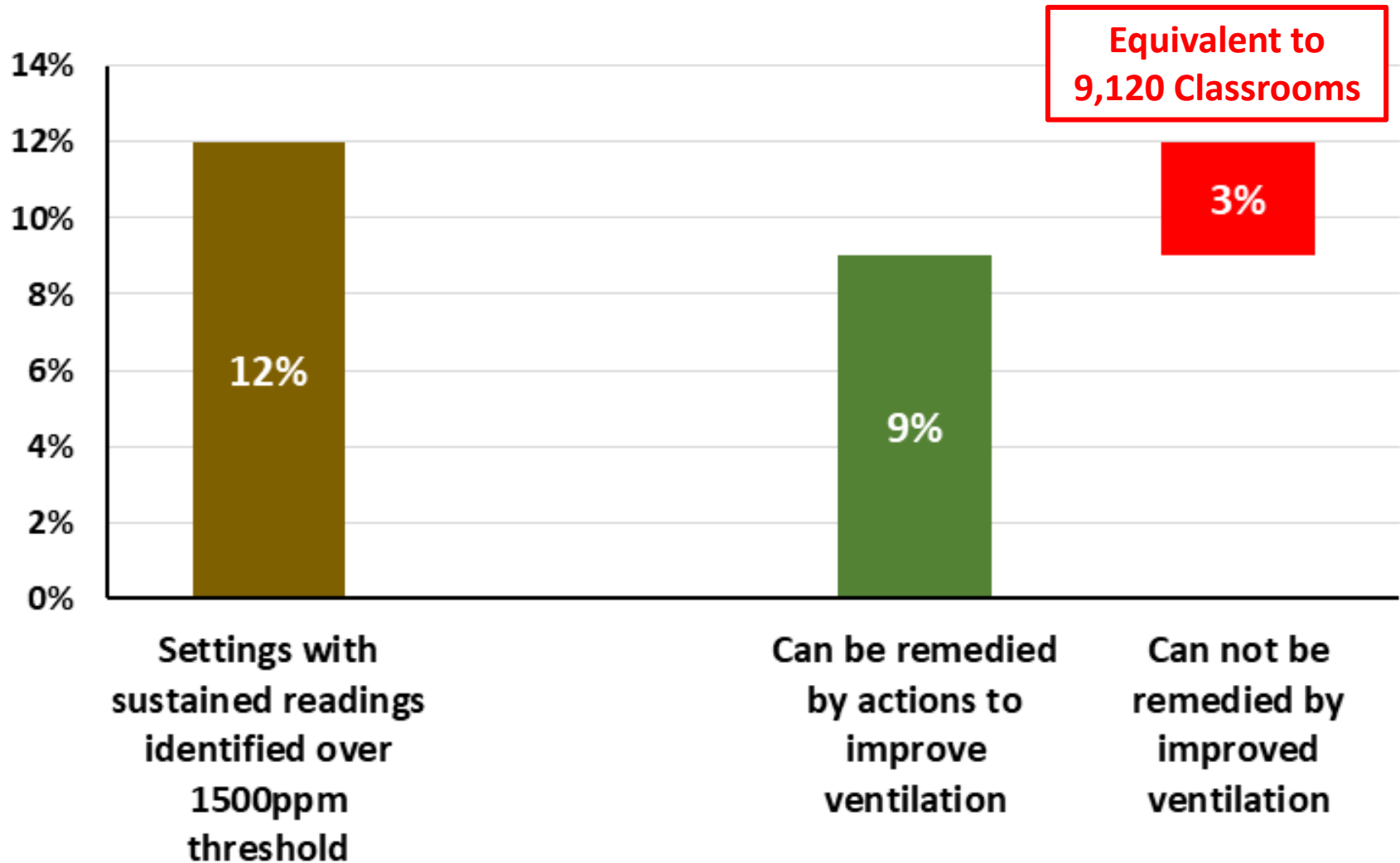
(Source: DFE Data on number of CO2 monitors delivered to Schools in England)



<https://explore-education-statistics.service.gov.uk/data-tables/co2-monitors-cumulative-delivery-statistics>

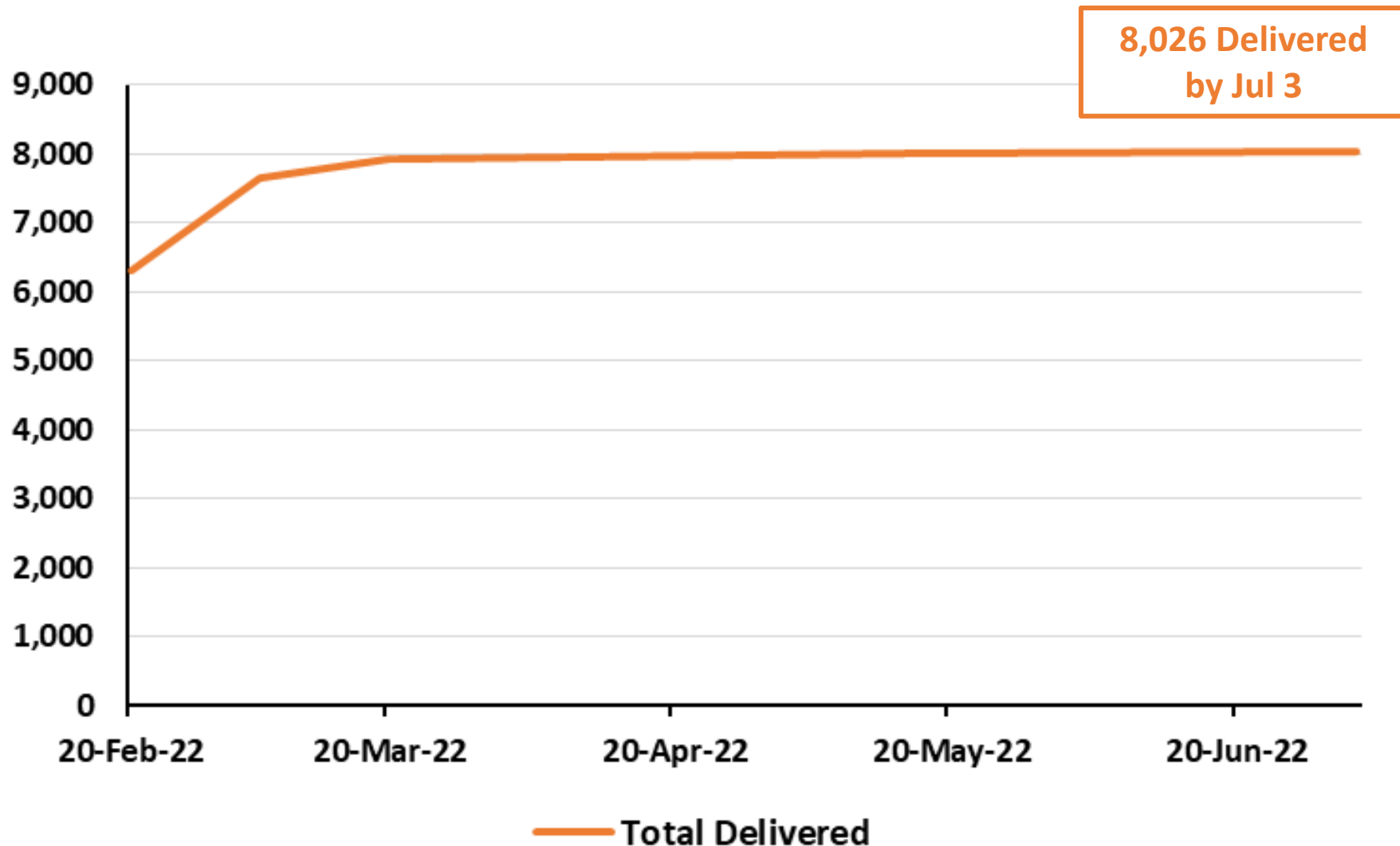
# At Risk (CO2 level over 1500ppm) State Education Settings in England

(Source: DFE Summary of CO2 monitors and air cleaning units survey findings – Jun 2022)



# Number of Air Cleaning Units Delivered to State Education Settings in England from Feb 20, 2022 to Jul 3, 2022

(Source: DFE Data on number of Air Cleaning Units delivered to Schools in England)



<https://explore-education-statistics.service.gov.uk/find-statistics/delivery-of-air-cleaning-units#explore-data-and-files>

# CO2 levels, descriptions, recommended actions, and potential outcomes

(Source: <https://coschools.org.uk/>)

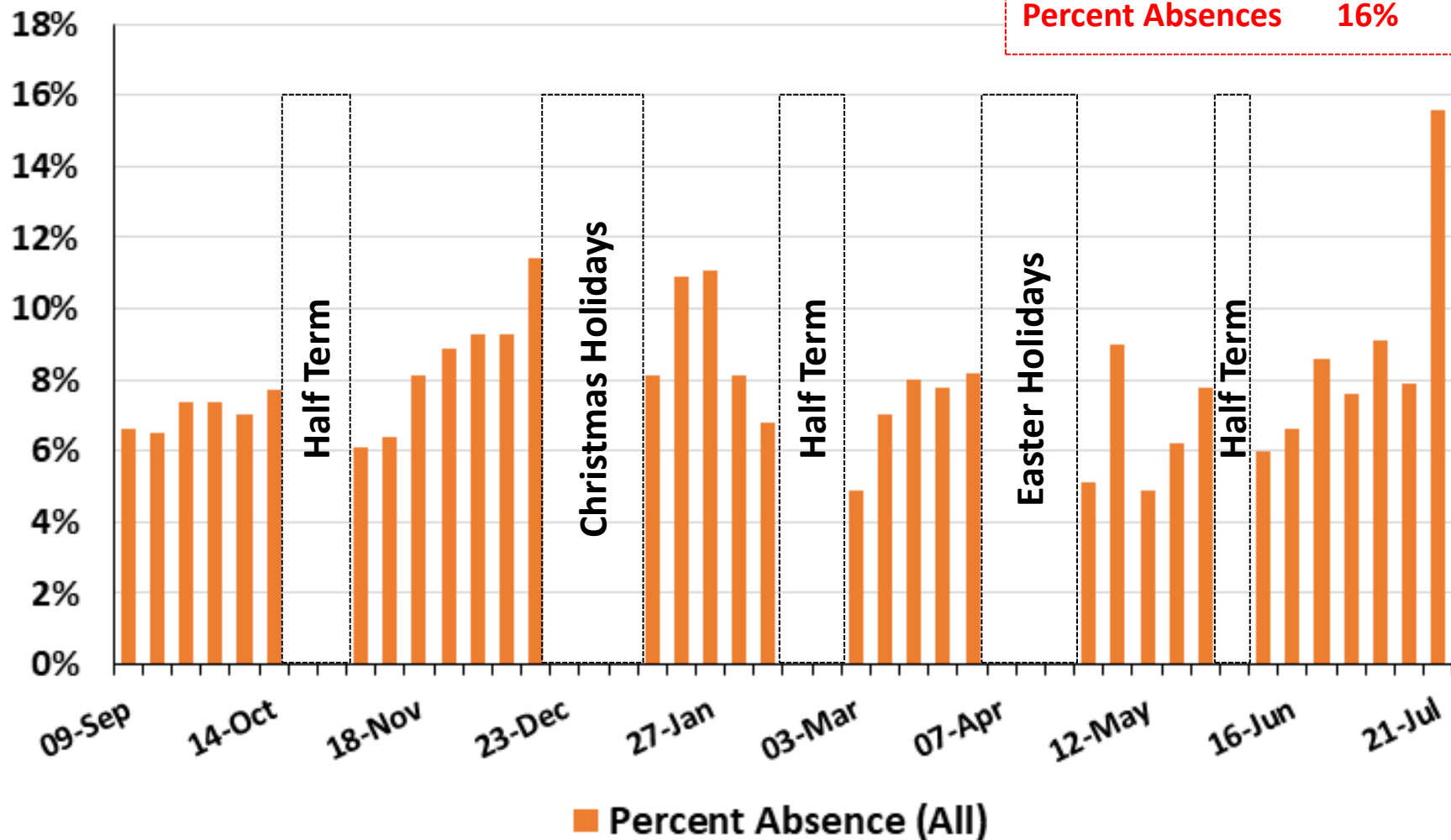
CO <sub>2</sub> level	Description	Actions	Outcomes
> 1500 ppm.	Indicative of inadequate ventilation.	Keep checking ventilation provision (e.g. windows and doors are open) and the CO <sub>2</sub> levels. If consistent, notify school leadership.	There are quite high levels of shared/rebreathed air in your classroom which, if maintained, might lead to poorer learning and health outcomes.
800 ppm to 1500 ppm.	Potential for stuffy/stale air and lethargic learners.	Open windows and/or doors – higher-level openings first and then lower-level openings.	Potential to improve ventilation in your classroom should be considered for better health and learning outcomes.
< 800 ppm.	Indicative of good ventilation.	If CO <sub>2</sub> levels are not rising, and if the classroom is cold then you can consider slightly closing your window opening extents. Do so slowly and steadily.	Ventilation should be acting to help reduce the risk of airborne transmission but only as part of a fuller range of mitigation measures ( <a href="https://www.gov.uk/government/collections/guidance-for-schools-coronavirus-covid-19">https://www.gov.uk/government/collections/guidance-for-schools-coronavirus-covid-19</a> ).
Close to, or just above, 400 ppm.	Typical outdoor reading.	No actions required, but if your classroom is cold then the windows can be slightly closed.	Your classroom might be overventilated – this might not be of direct concern, but if your classroom is cold then you might be wasting energy and affect the learning experience.

Schools absences

# Percent of Students Absent from State Primary Schools in England from Sep 9, 2021 to Jul 21, 2022

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

**No. of Absences** 547,716  
**Percent Absences** 16%

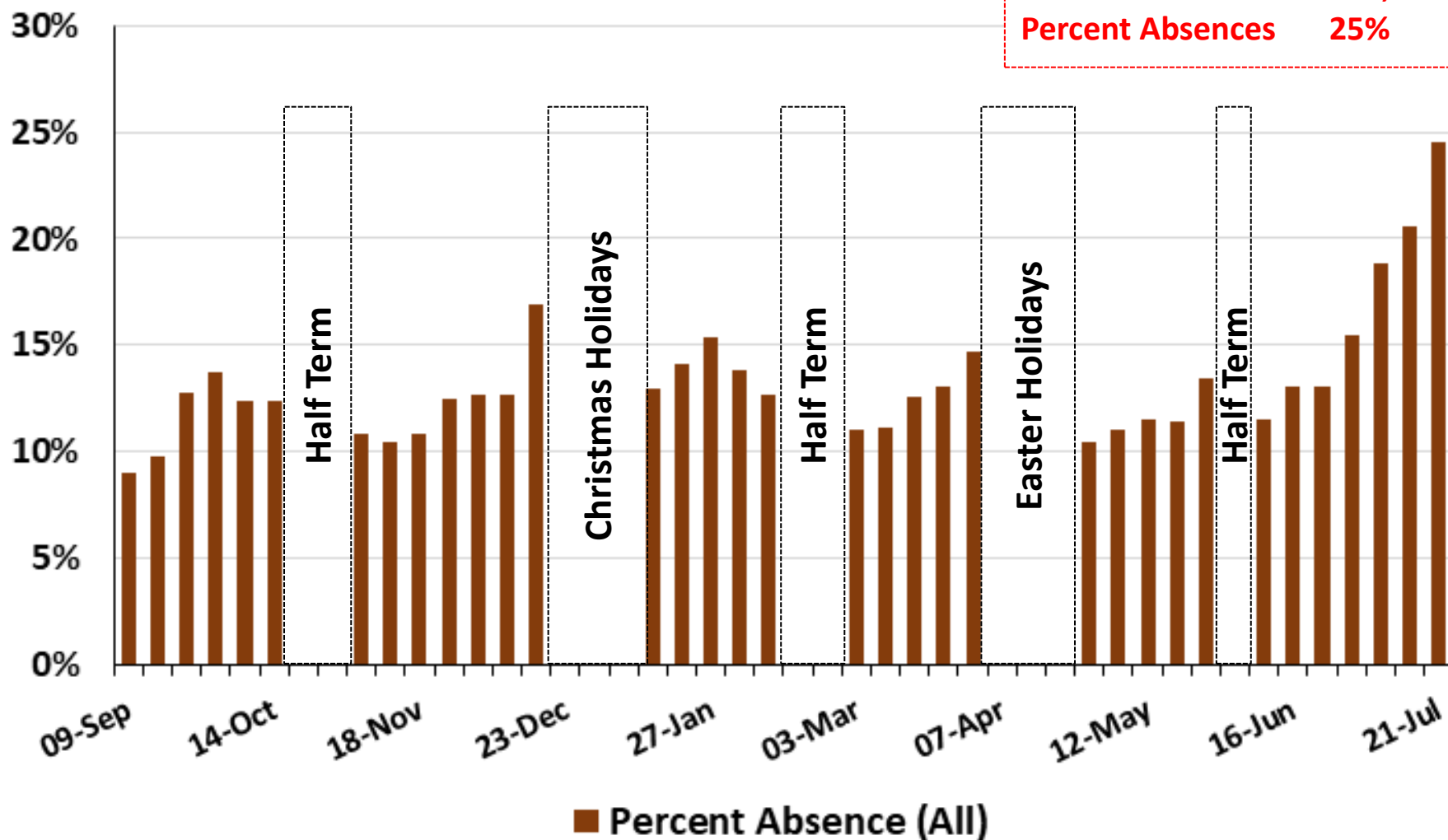


Primary Schools

# Percent of Students Absent from State Secondary Schools in England from Sep 9, 2021 to Jul 21, 2022

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

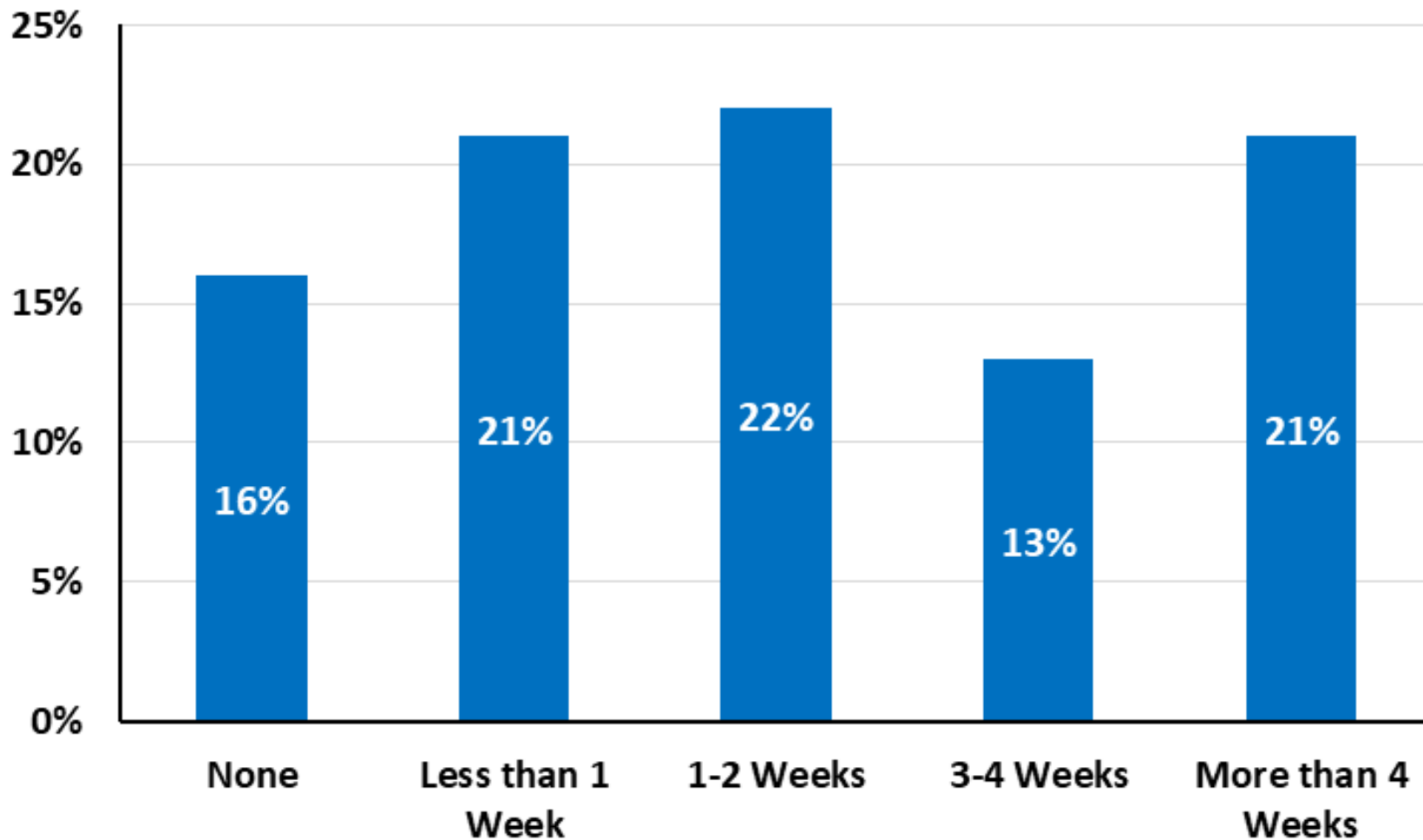
**No. of Absences** 510,580  
**Percent Absences** 25%



Secondary Schools

# Percent of Year 13 pupils days schooling missed due to Covid in 2021-2022 Academic Year for England

(Source: Sutton Trust report on A levels and University Access 2022 – Aug 2022)

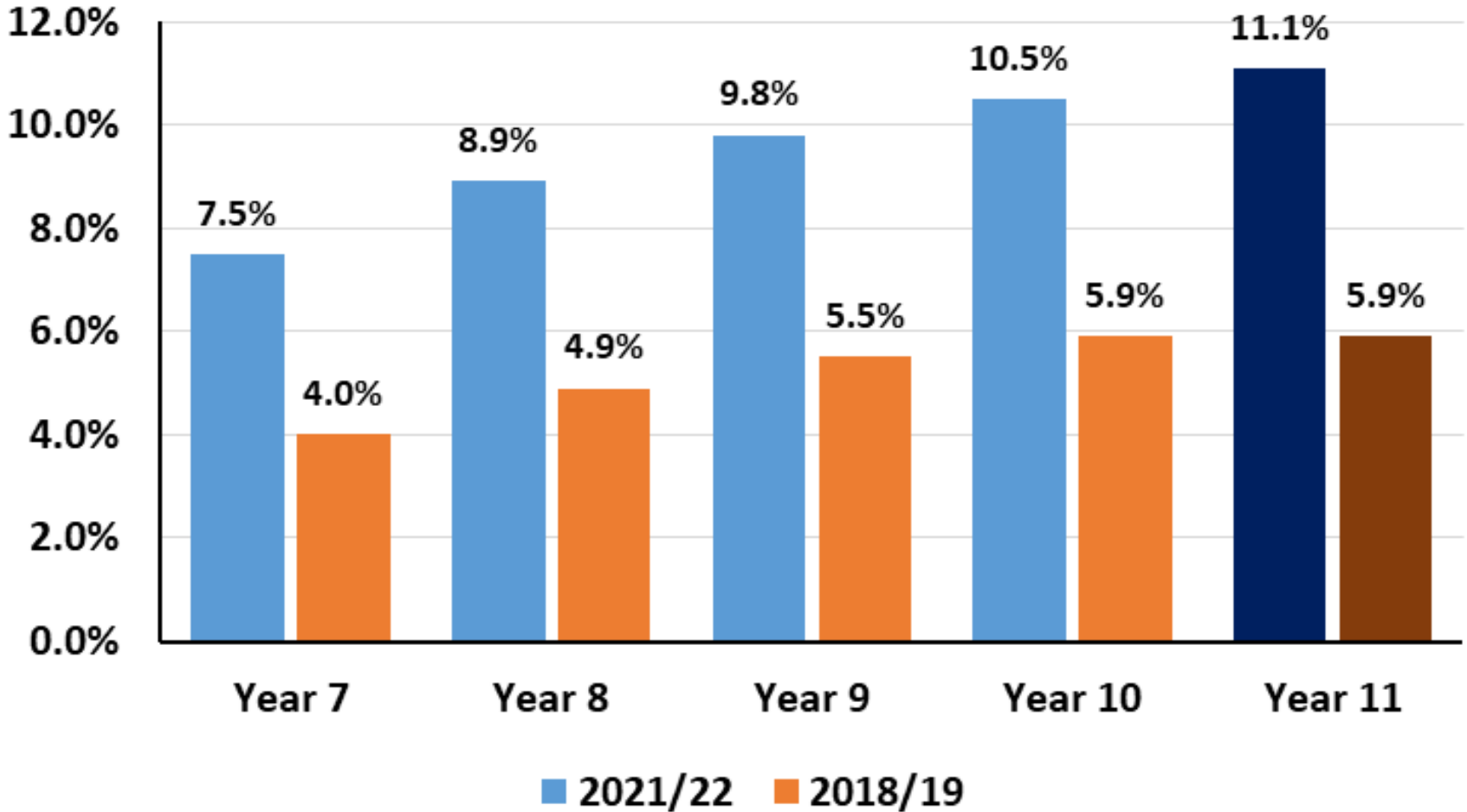


<https://www.suttontrust.com/wp-content/uploads/2022/08/A-Levels-and-University-Access-2022.pdf>



# Percent of Missed Sessions for Autumn and Spring Terms by Academic Year and School Year for England

(Source: Education Data Lab Report on Year 11 attendance during the build-up to exams– May 2022)



<https://ffteducationdatalab.org.uk/2022/05/year-11-attendance-during-the-build-up-to-exams/>

## Summary

Prevalence is now falling in all home nations (ONS).

Hospitalisations are coming down.

Nevertheless, hospitals are still under extreme pressure.

Deaths are now starting to fall.

Impact on schools has not gone away (although we are now in summer holidays).

# Joint unions' letter to the Secretary of State for Education

**UNISON, ASCL, NAHT, NEU, GMB, NASUWT and Unite letter calls on the government to:**

- **provide additional funding to schools to improve ventilation and support spiralling energy costs**
- **provide HEPA air filtration devices to all schools for September as an immediate measure until ventilation is improved**
- **make lateral flow tests available for free to all staff and pupils in education settings**
- **issue clear public health guidance on what the public should be doing to minimise the chance of infection**
- **run a public health messaging campaign on vaccination given the very low rates of childhood vaccination**
- **publish updated guidance for schools on face coverings**
- **reinstate Covid risk assessments, including for vulnerable workers and pregnant staff**
- **re-establish funding for schools to cover supply costs for teaching and support staff absences**