

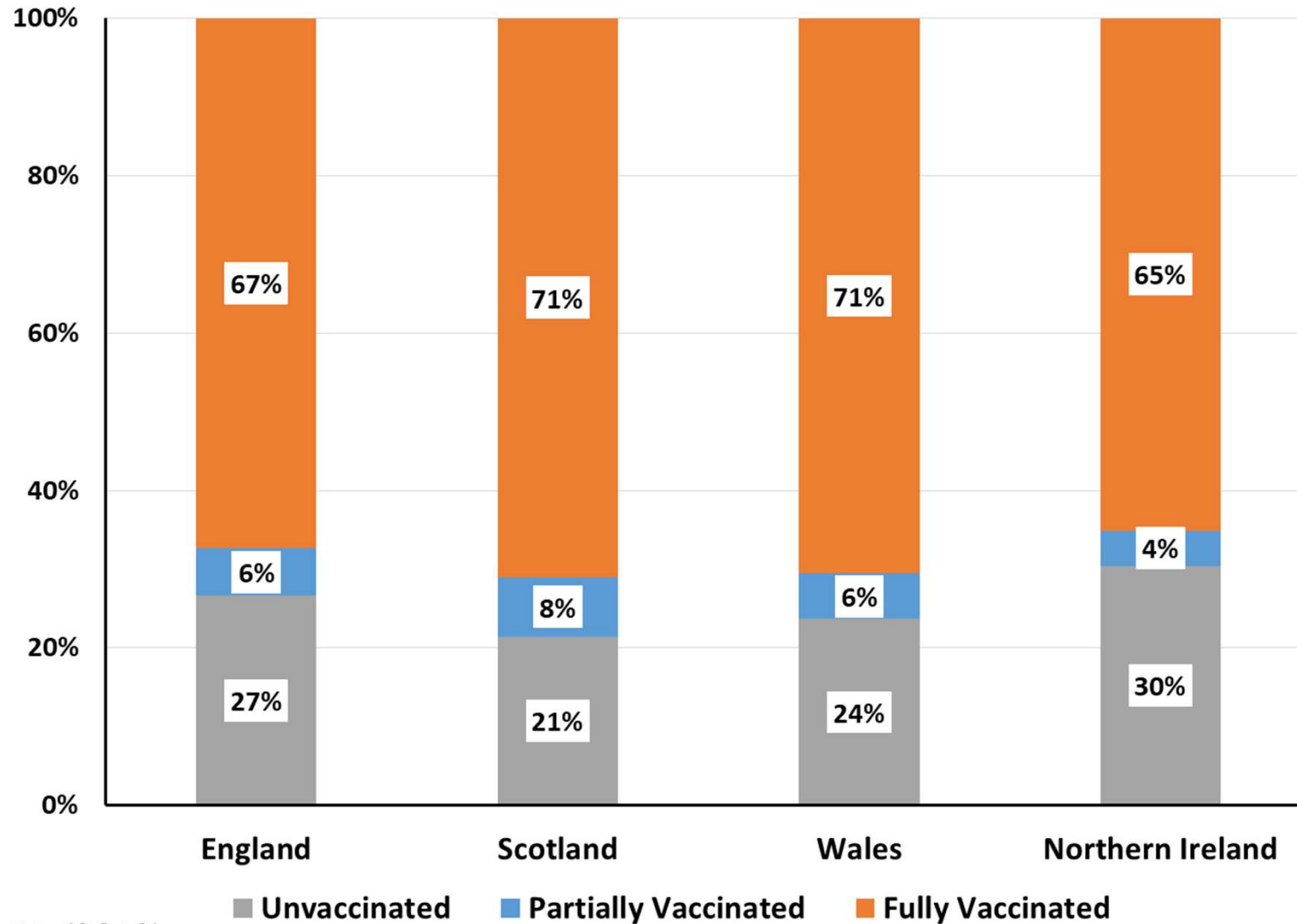
1. Vaccinations
2. Overall picture
3. Regional & age situation: cases
4. Regional & age situation: hospital

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

Vaccination data

Percent of Total Population Unvaccinated (no dose given), Partially Vaccinated (1 dose) and Fully Vaccinated (2 doses) as at Oct 19

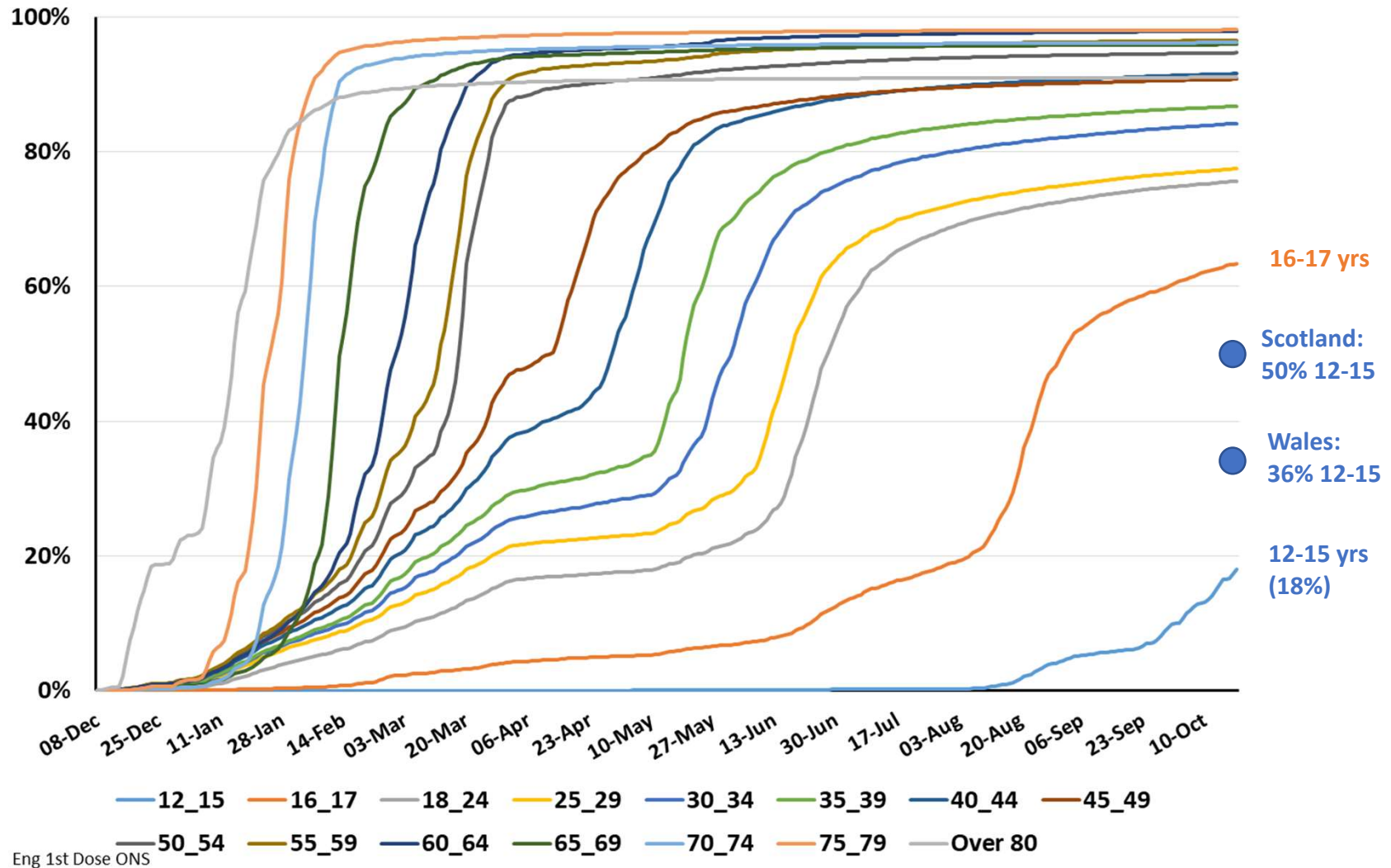
(Source: Covid Daily Update and Mid-2020 ONS Population Estimates)



Date: 19-Oct-21

Thanks to Bob Hawkins for the chart

First dose vaccine coverage by Age for England to 19 October 2021 (uses ONS 2020 population estimates)



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

Thanks to Bob Hawkins for the chart

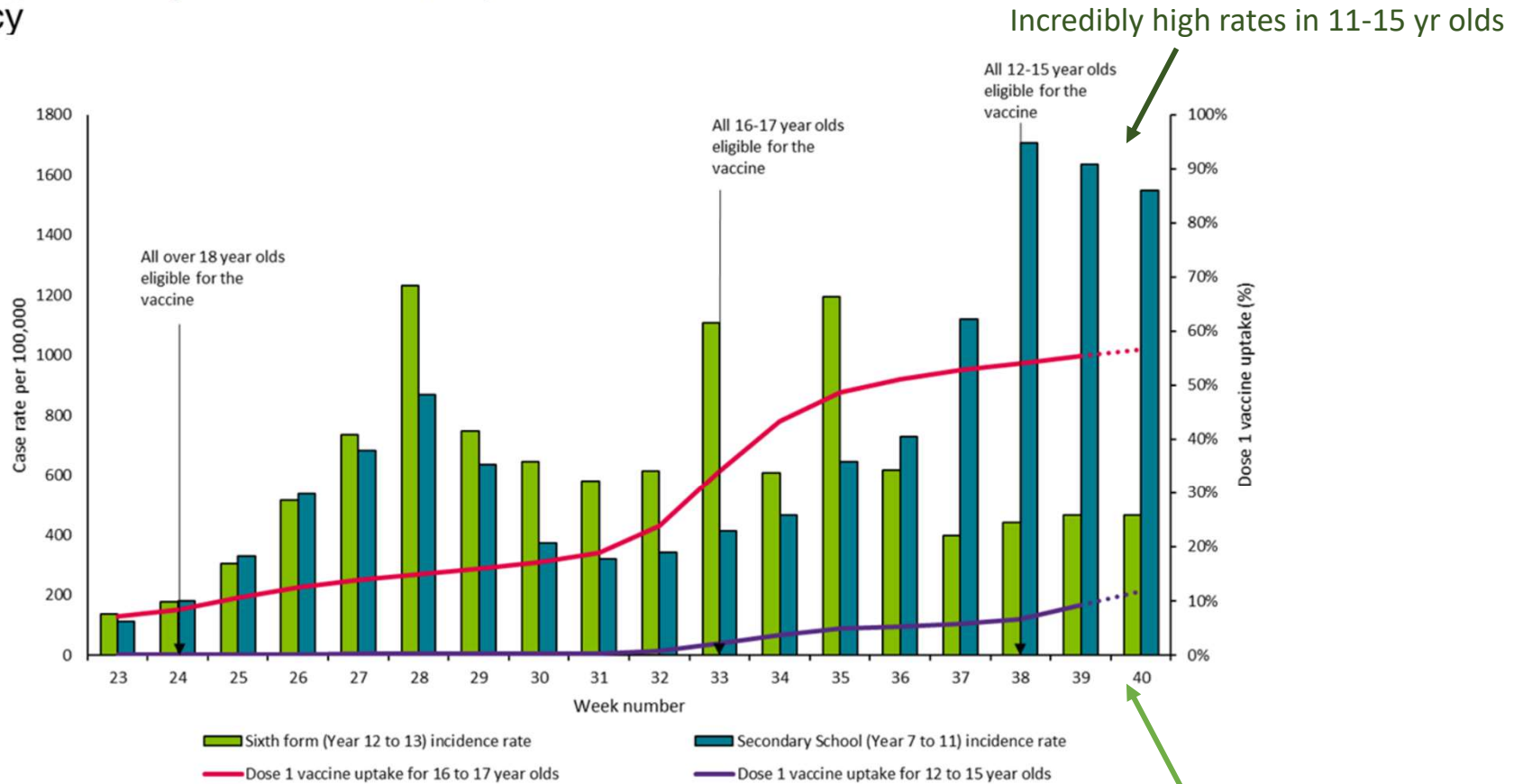
Mid-2020 ONS Population Estimates

Vaccines do work very well in young people



UK Health Security Agency

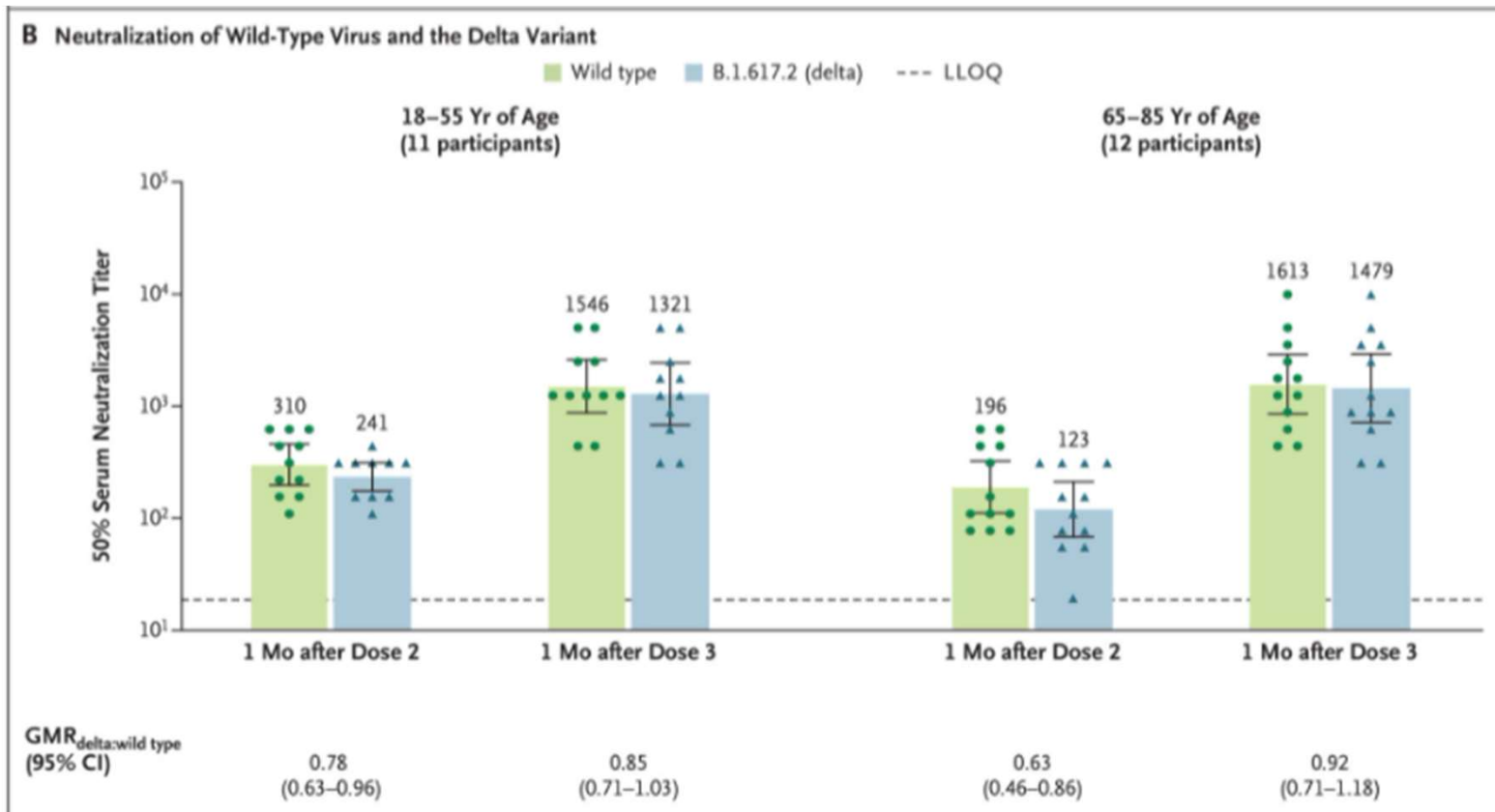
Weekly incidence of COVID-19 cases per 100,000 population from Week 24 2021, in secondary age cohorts (Year 7 to 11) and sixth form age cohorts (Year 12 to Year 13) with dose 1 vaccine uptake in 12 to 15 year olds and in 16 to 17 year olds



From <https://www.gov.uk/government/statistics/national-flu-and-covid-19-surveillance-reports-2021-to-2022-season>

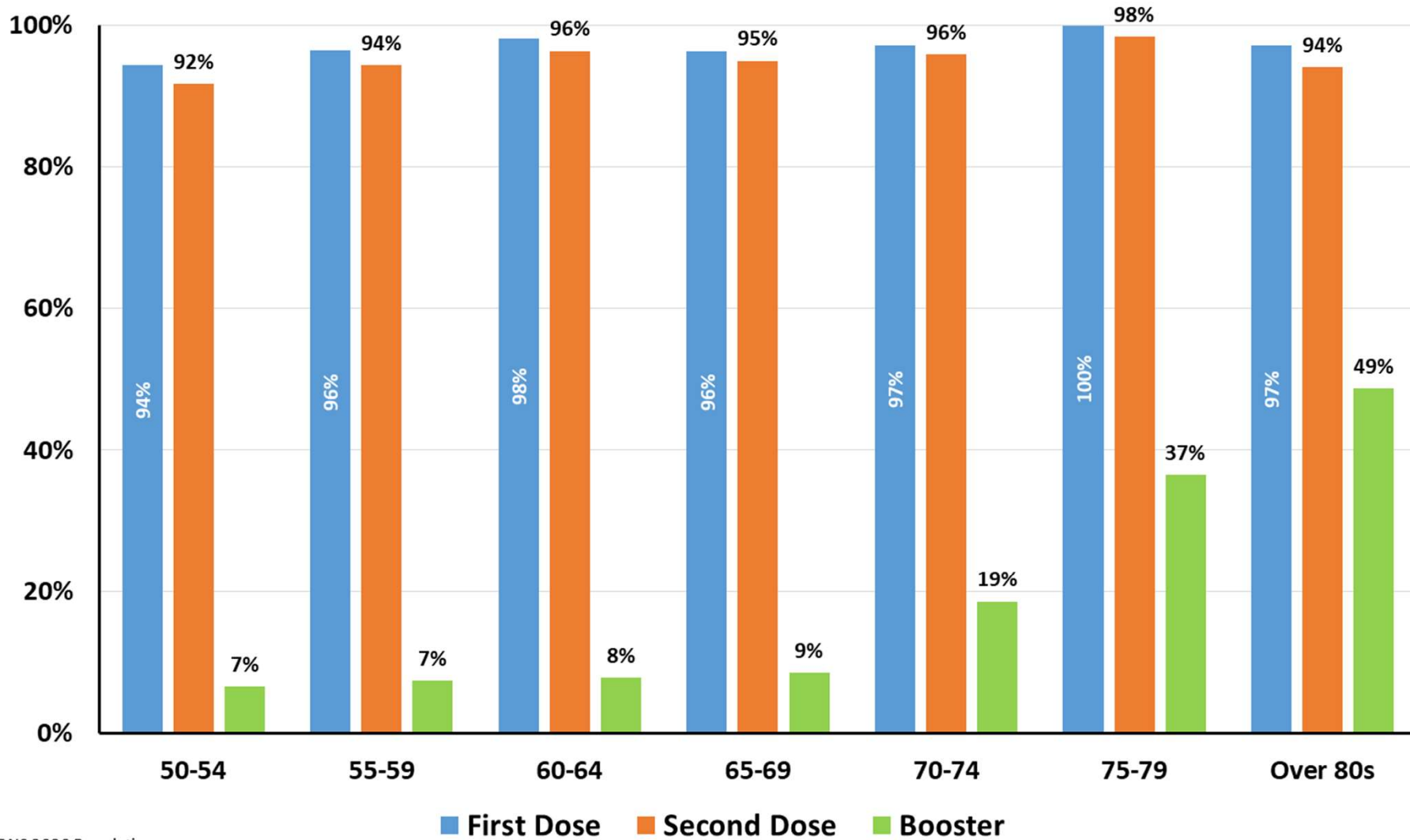
Boosters really work: trial published in New England Journal of Medicine this week on Pfizer 3rd dose

95.6% relative risk reduction in symptomatic infection for 3 vs 2 doses



Graph from <https://www.nejm.org/doi/full/10.1056/NEJMc2113468>

Over 50s vaccination coverage in England by age up to 20 Oct 2021 (uses ONS 2020 population estimates)



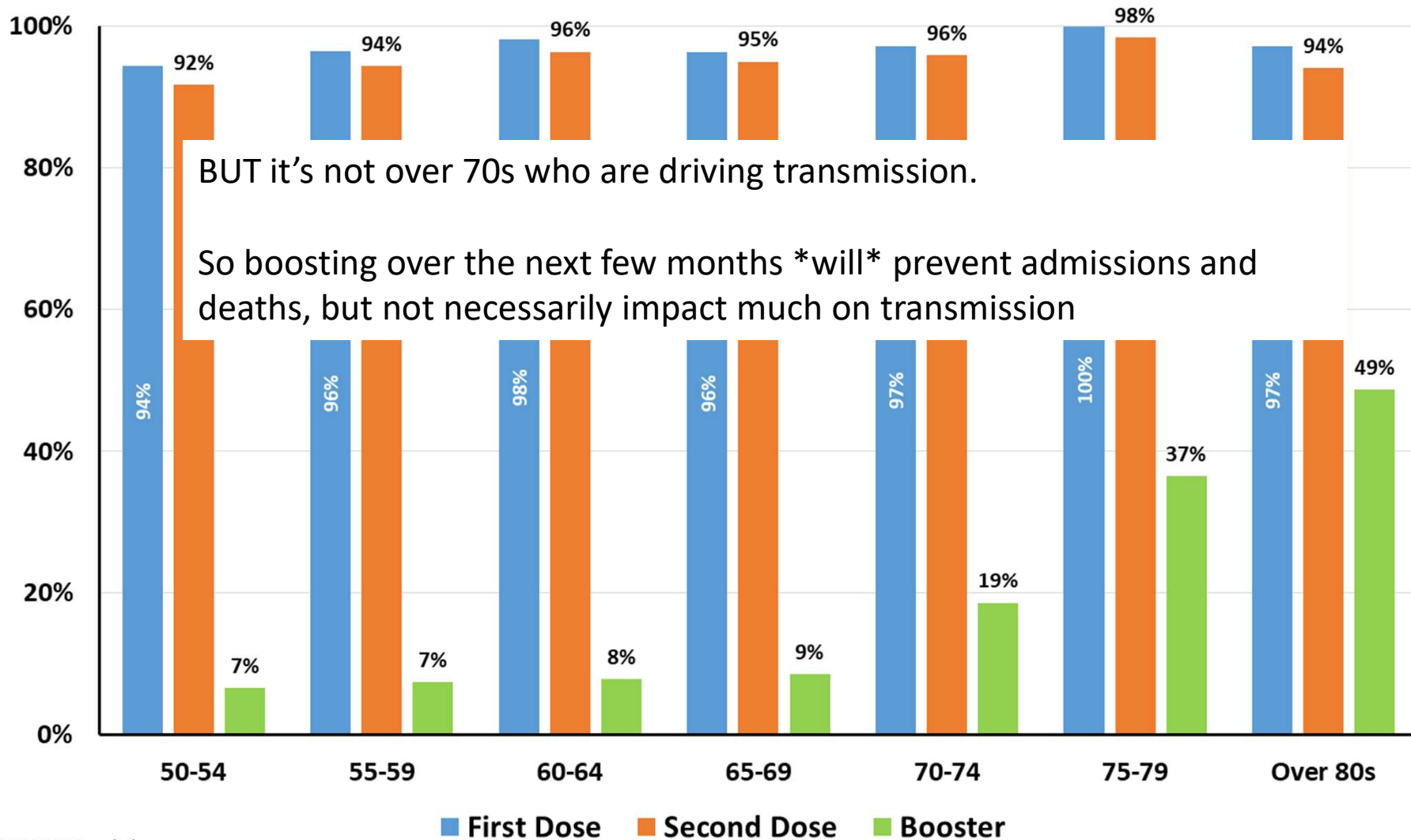
ONS 2020 Population

Date: 20-Oct

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

Chart courtesy of Bob Hawkins

Over 50s vaccination coverage in England by age up to 20 Oct 2021 (uses ONS 2020 population estimates)



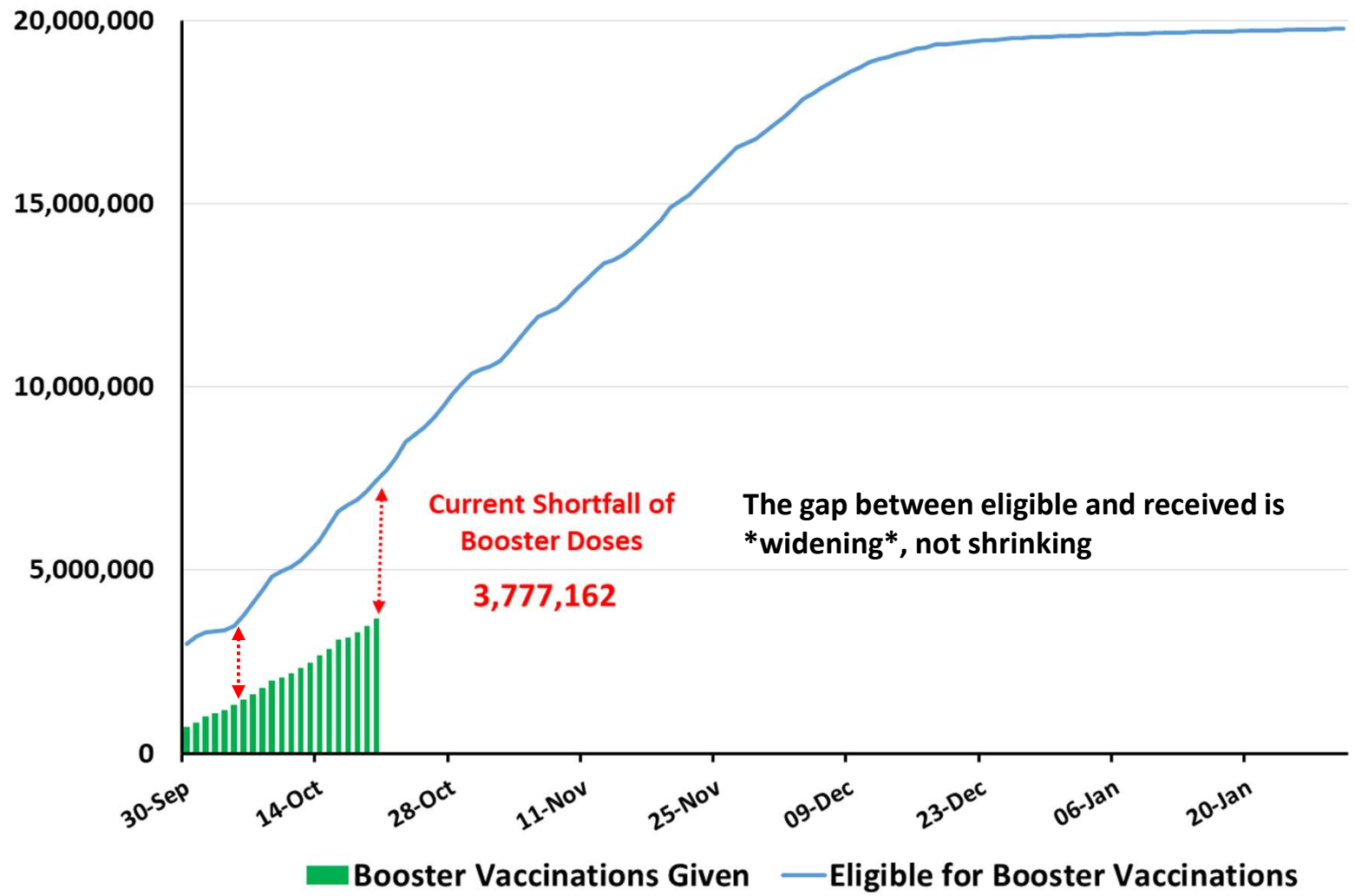
ONS 2020 Population

Date: 20-Oct

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

Chart courtesy of Bob Hawkins

Total Over 50's Given Booster Vaccinations and Total Number Qualified Sep 30 - Oct 20

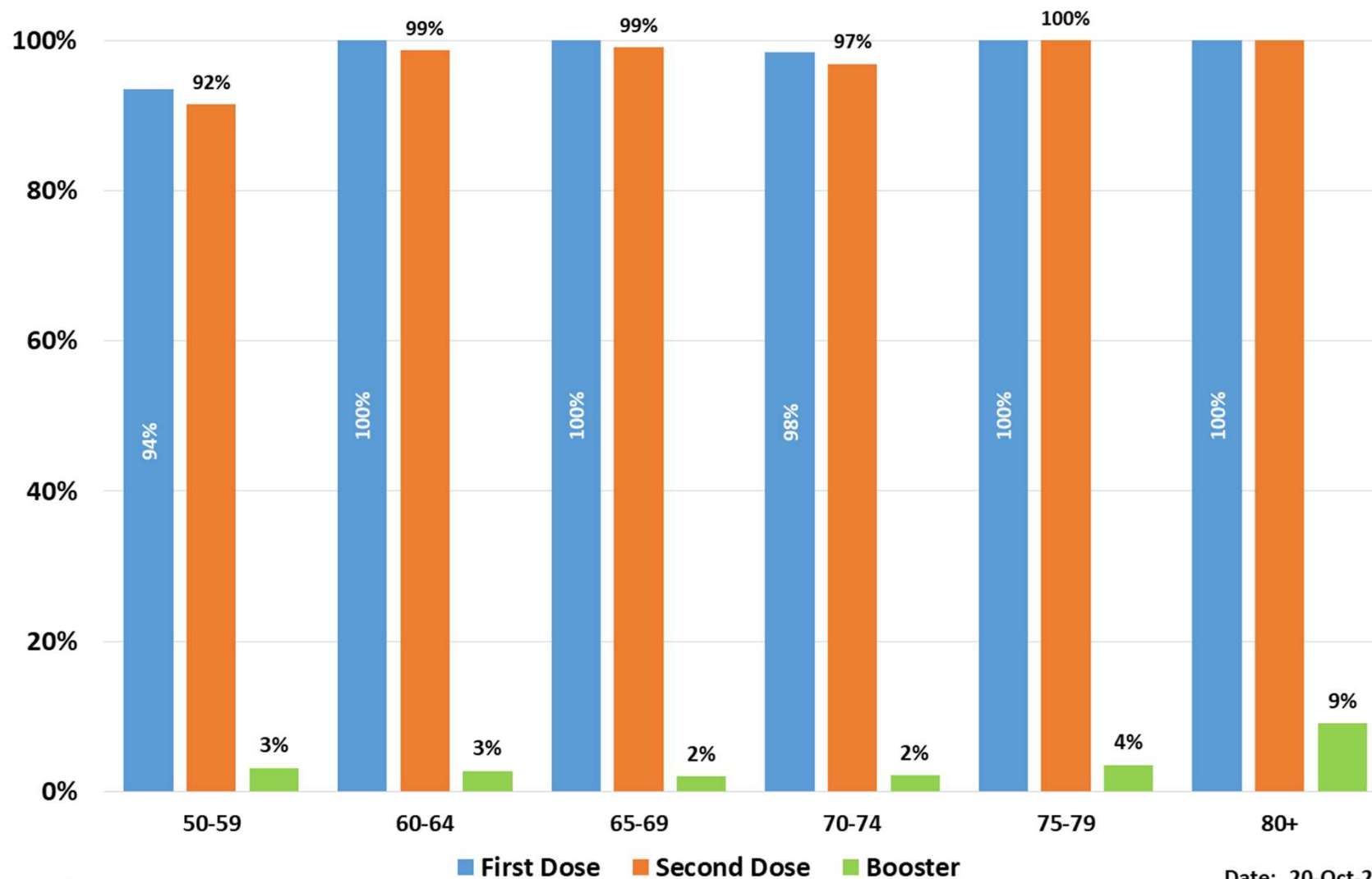


Eng Daily Booster Progress

20-Oct

Data from <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/>
Chart courtesy of Bob Hawkins

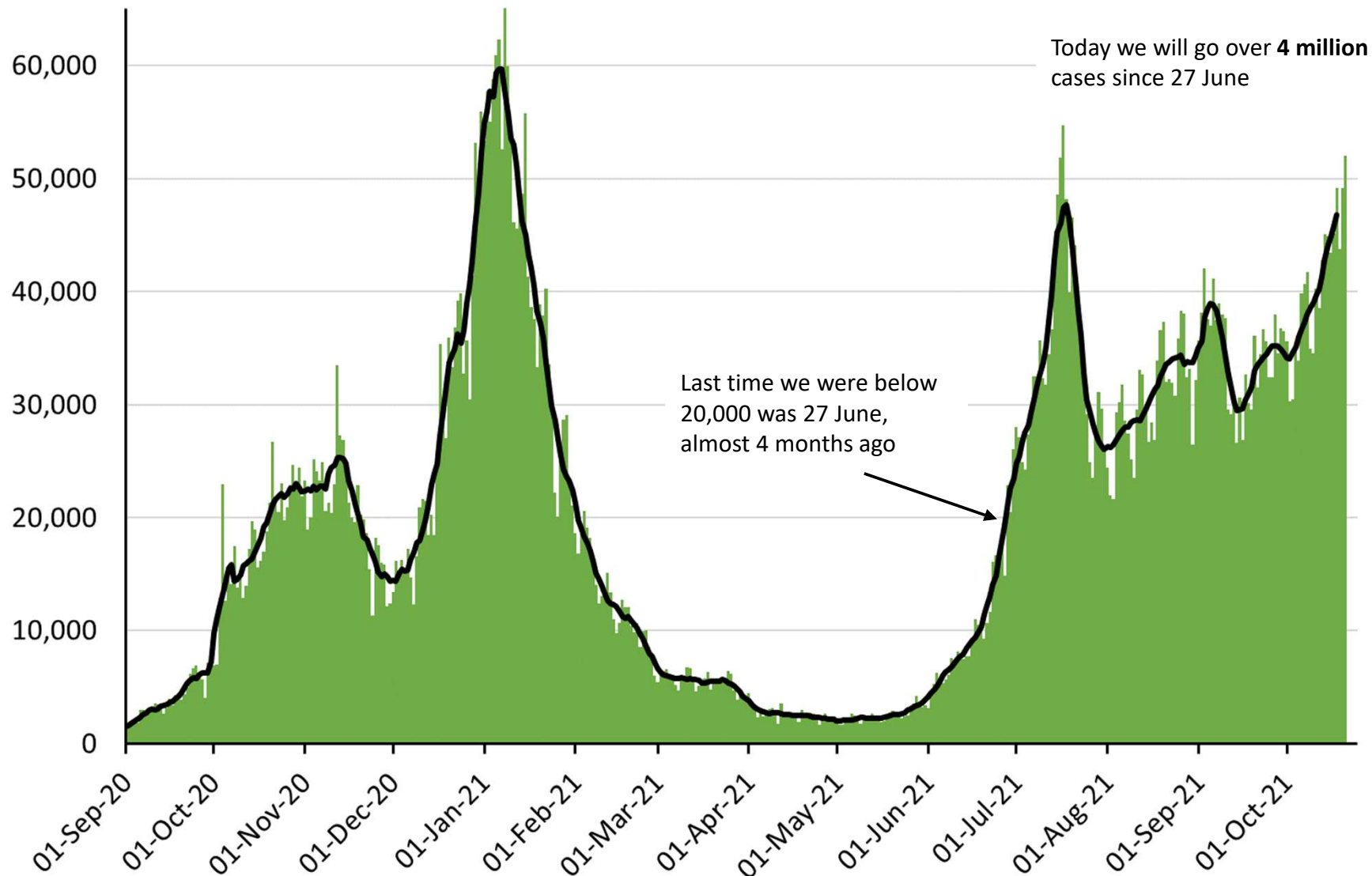
Over 50s vaccination coverage in NI by age up to 20 Oct 2021 (uses ONS 2020 population estimates)



Data from <https://covid-19.hscni.net/ni-covid-19-vaccinations-dashboard/>
Chart courtesy of Bob Hawkins

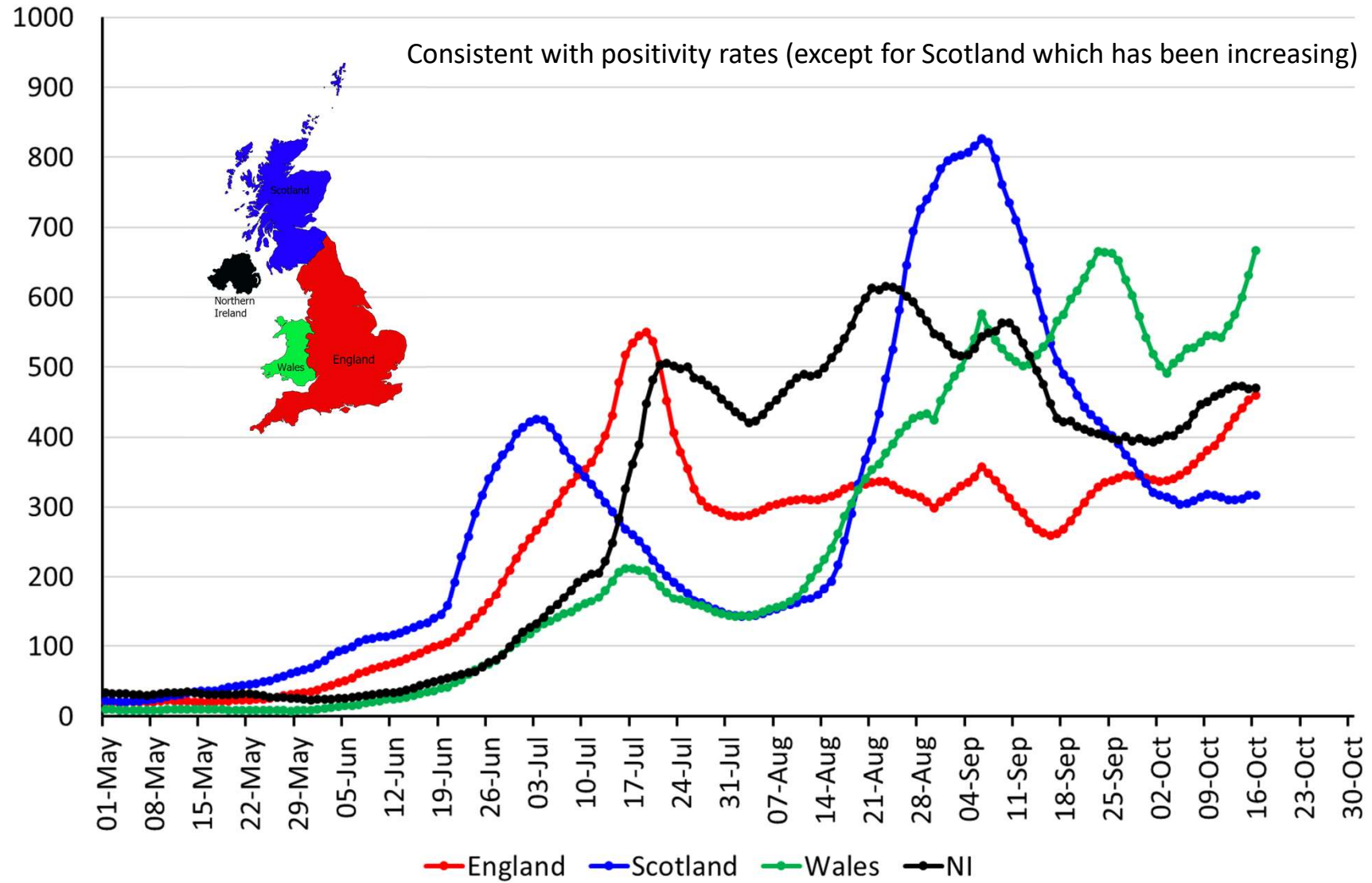
Overall picture

Number of new UK confirmed COVID-19 cases by reported date (people who have had a positive test) to 21 October 2021

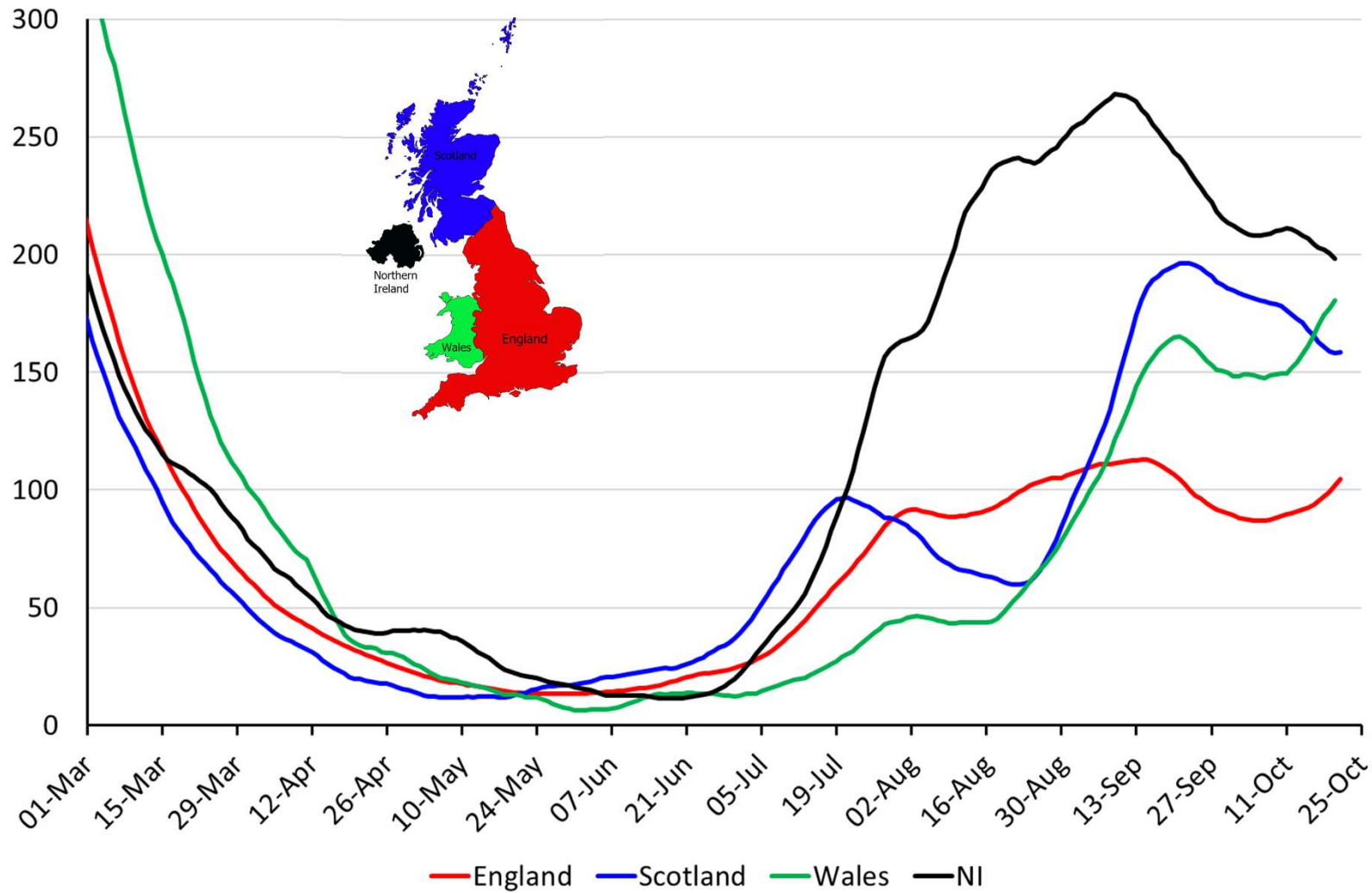


Data from <https://coronavirus.data.gov.uk>

Cases per 100,000 people per rolling week by home nation by date of test to 16 October

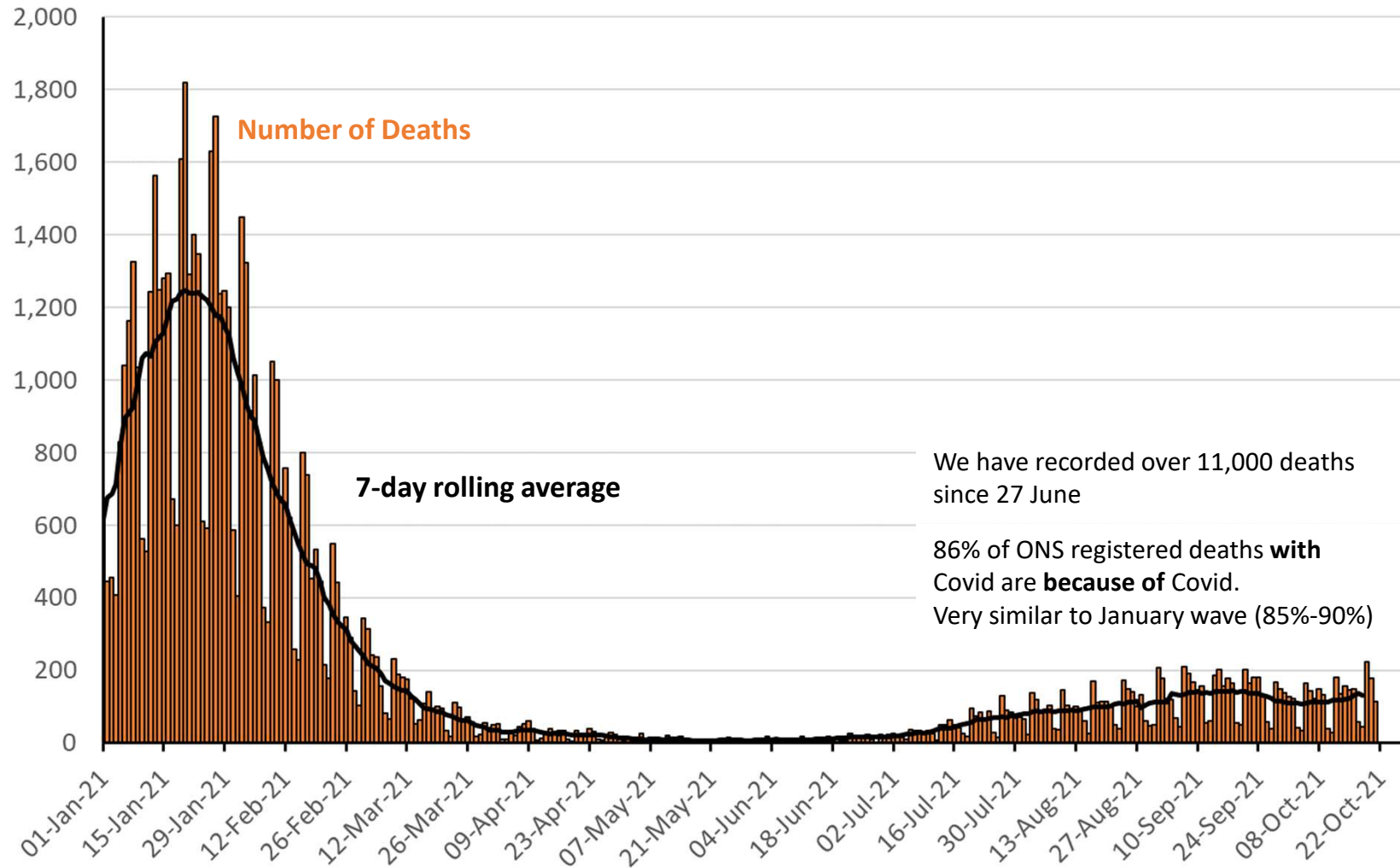


Number of people in hospital per million people – UK nations 7 day rolling average to 21 October



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

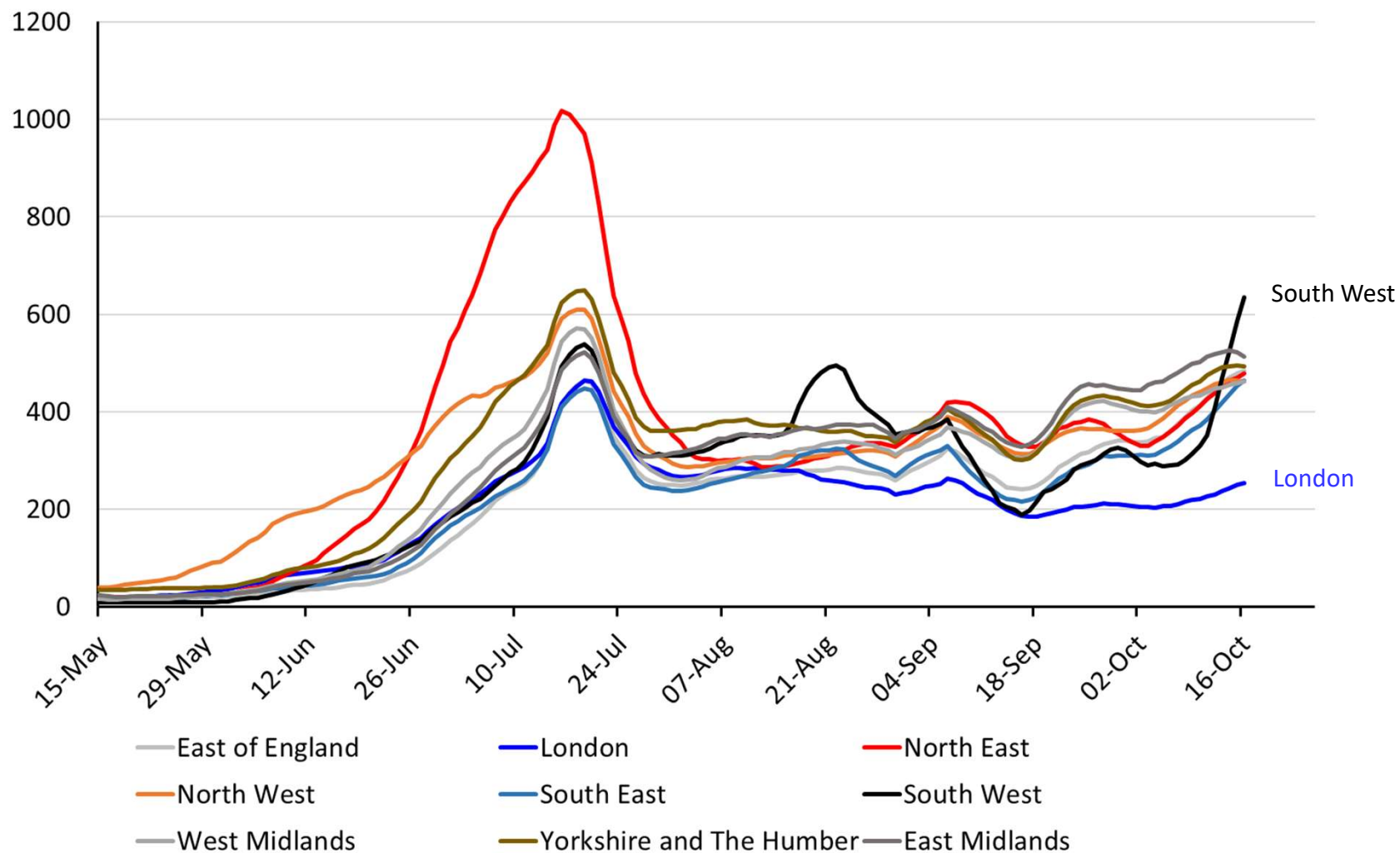
Number of deaths within 28 days of +ve COVID test reported per day across the UK to 21 October



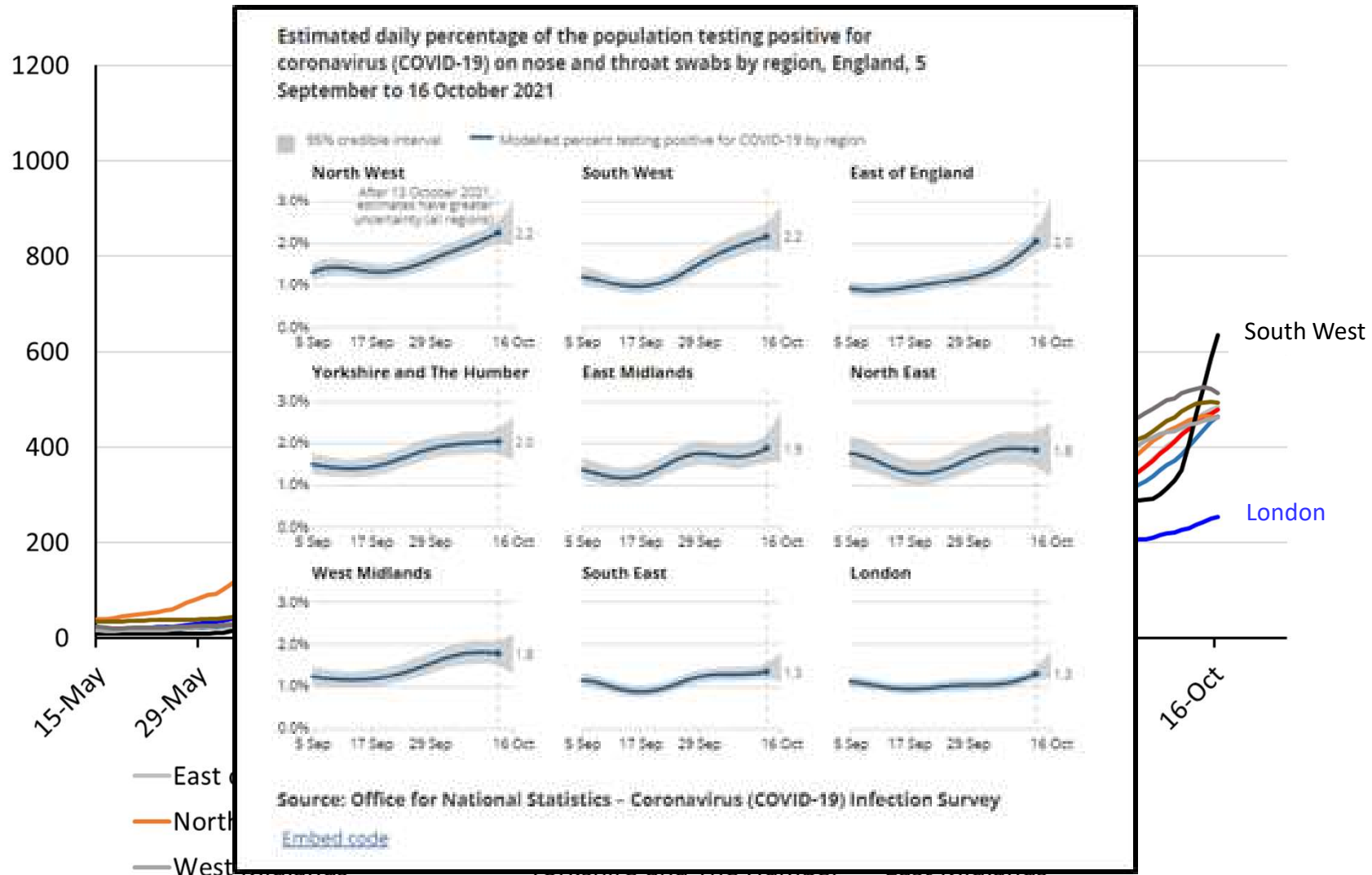
Data from <https://coronavirus.data.gov.uk/>

Regional and age
situation: cases
(ENGLAND)

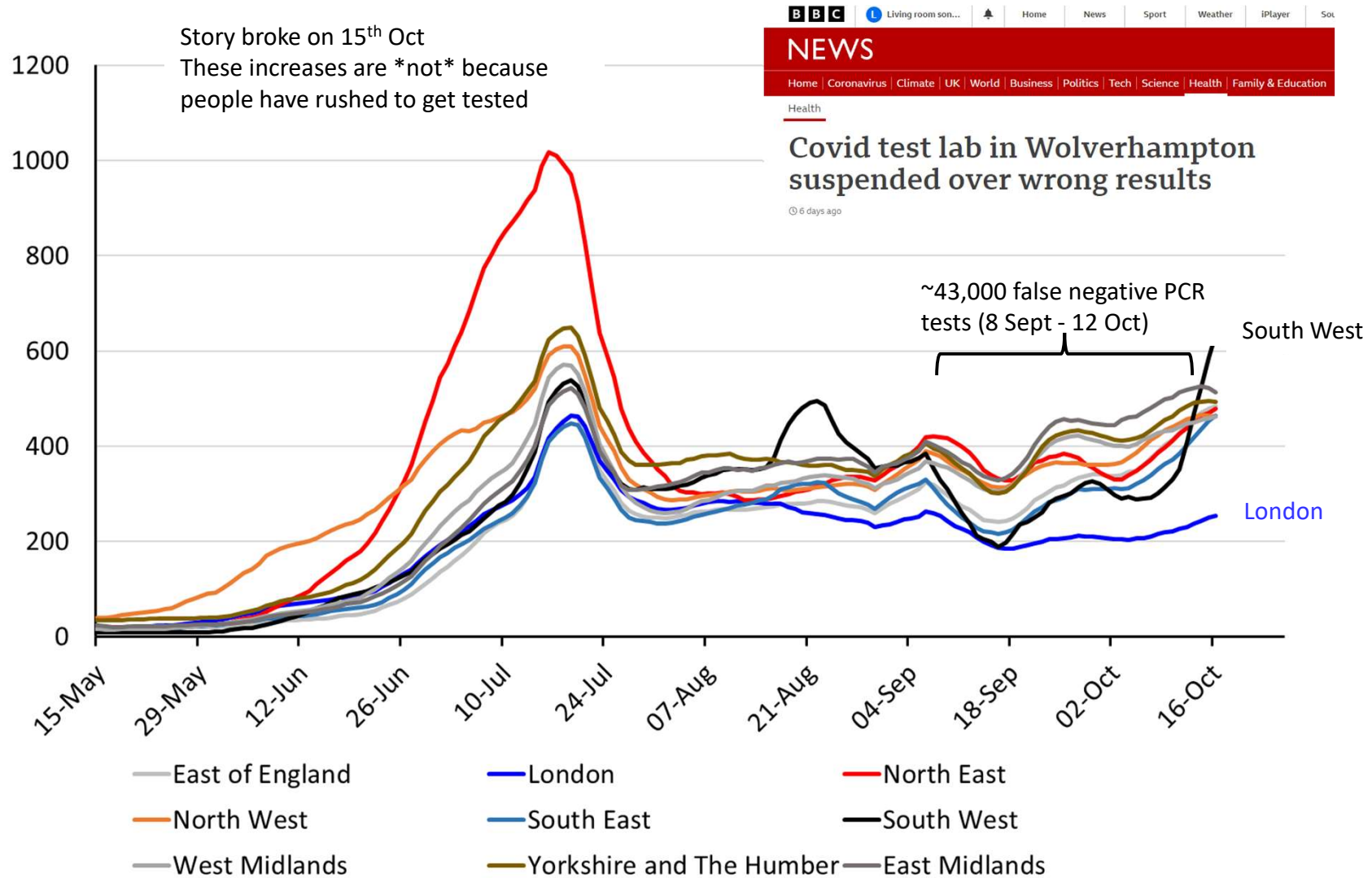
Weekly number of new confirmed COVID-19 cases / 100,000 people – England regions by date of test to 16 Oct 2021



Weekly number of new confirmed COVID-19 cases / 100,000 people – England regions by date of test to 16 Oct 2021

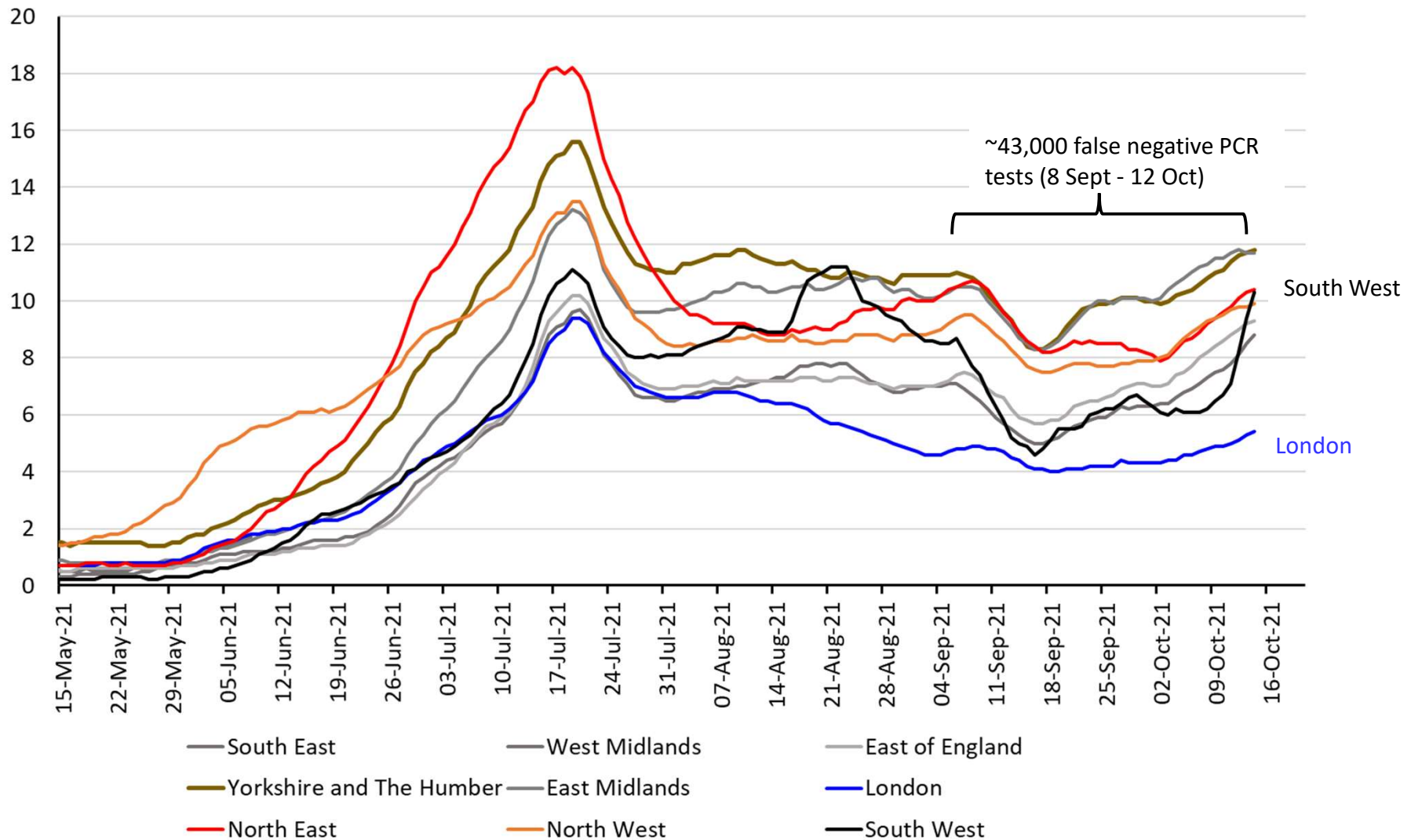


Weekly number of new confirmed COVID-19 cases / 100,000 people – England regions by date of test to 16 Oct 2021



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

Daily Test Positivity Rate – England regions (by date of test to 14 Oct 2021)



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

Positivity Rate for English regions

Comparison of week ending Oct 14 ● to prior week ●

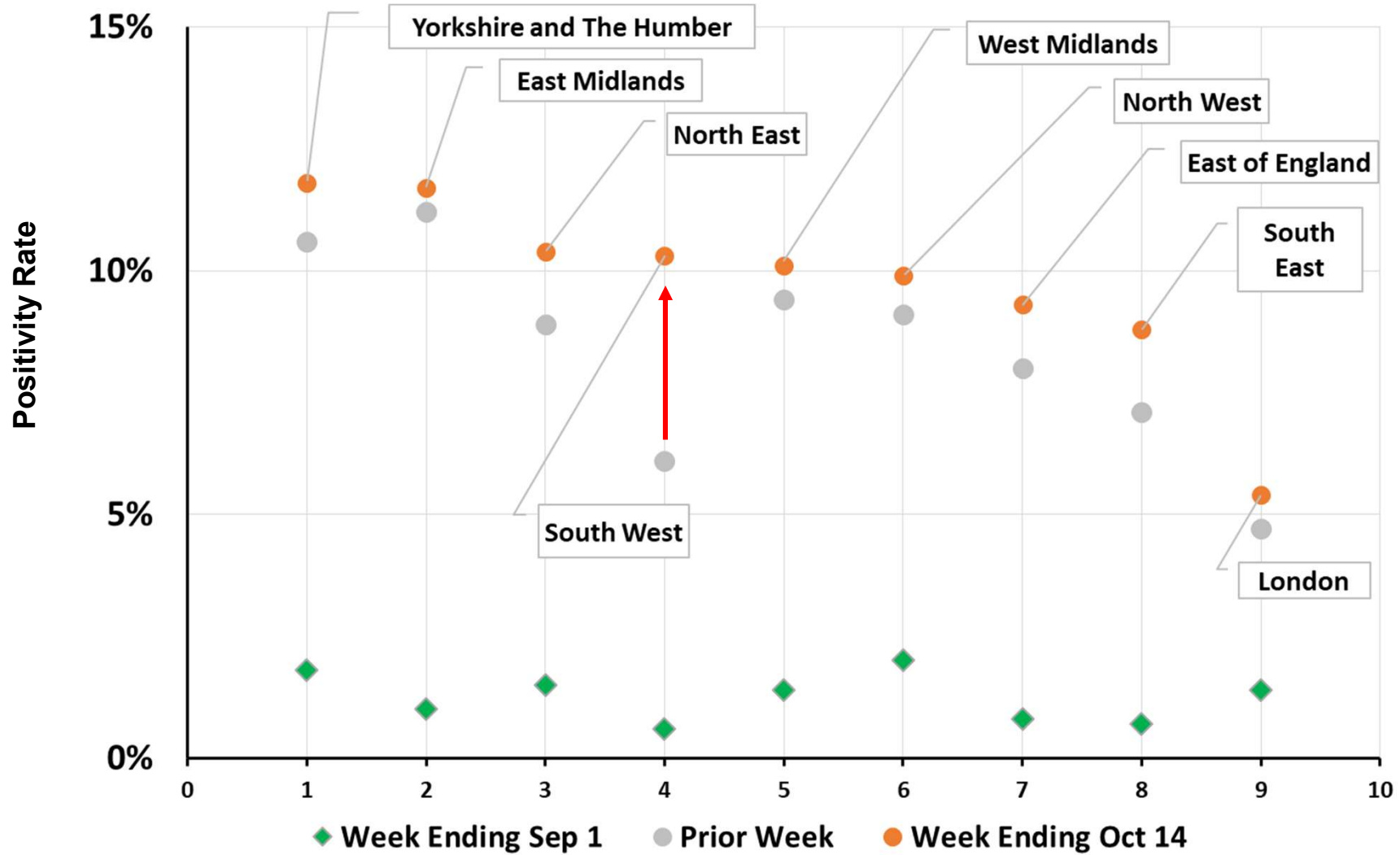


Chart by Bob Hawkins

Positivity Rate for English local authorities in SW

Comparison of week ending Oct 14 ● to prior week ●

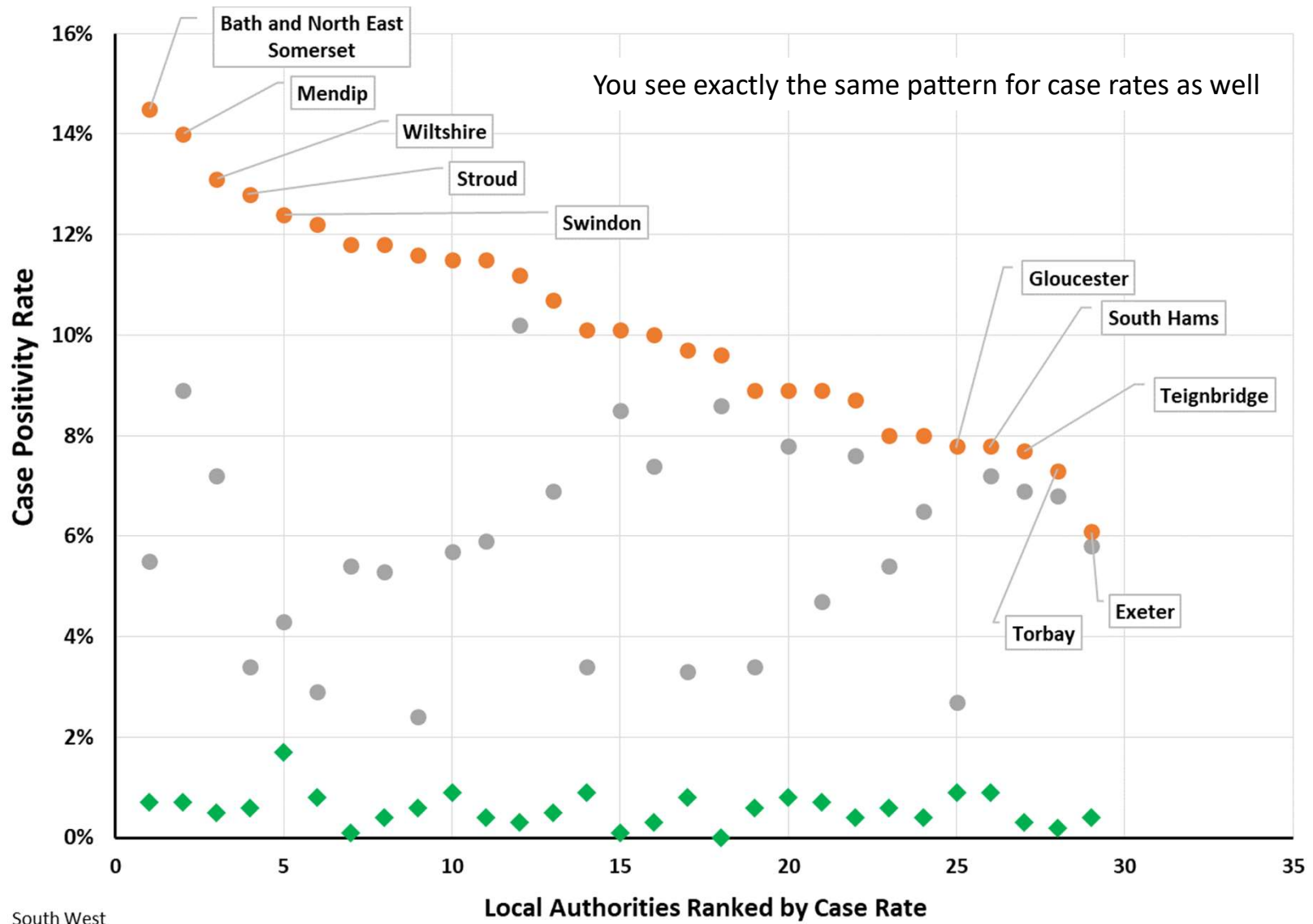
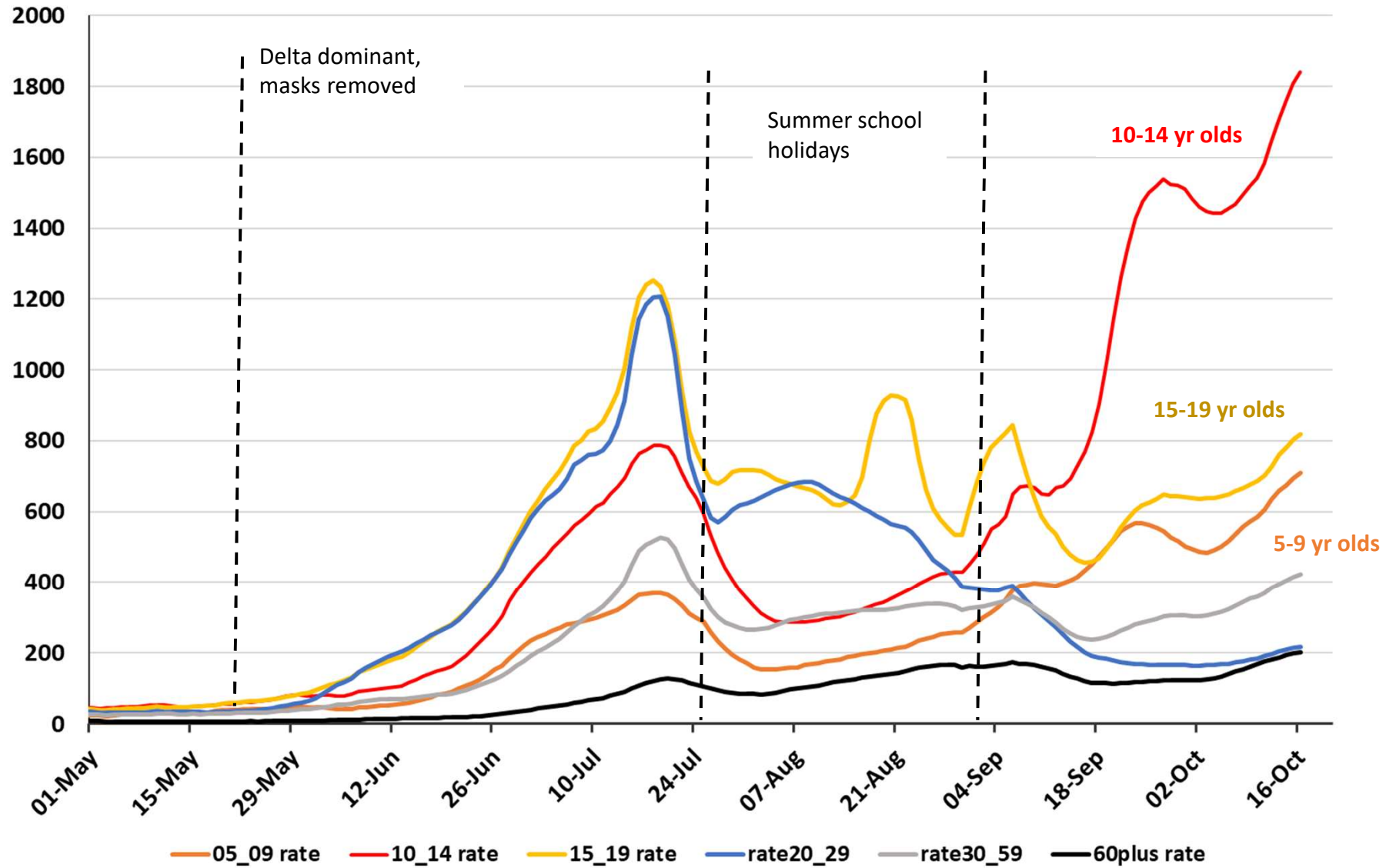


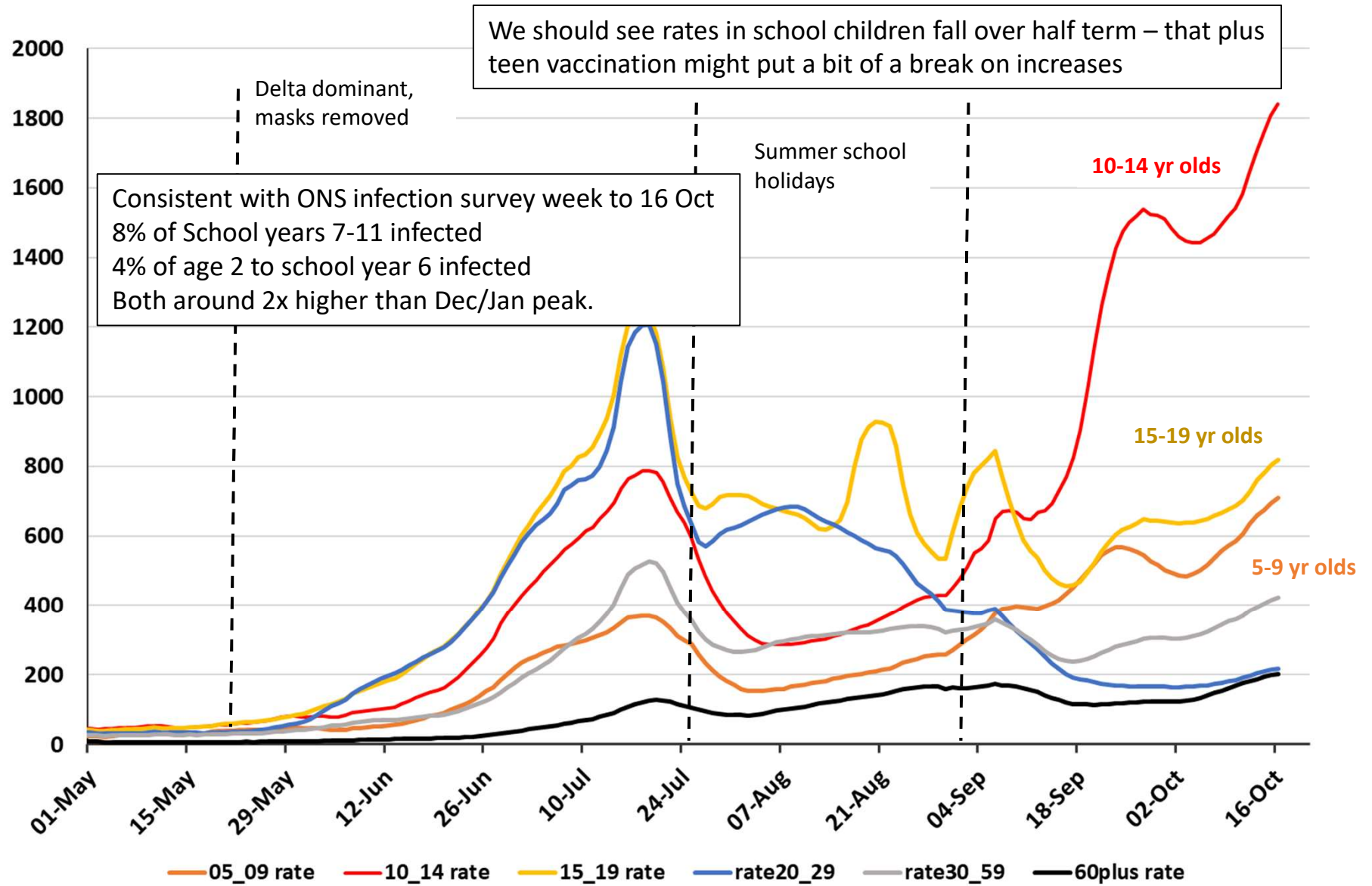
Chart by Bob Hawkins

Cases per 100,000 people per week for different age groups in England



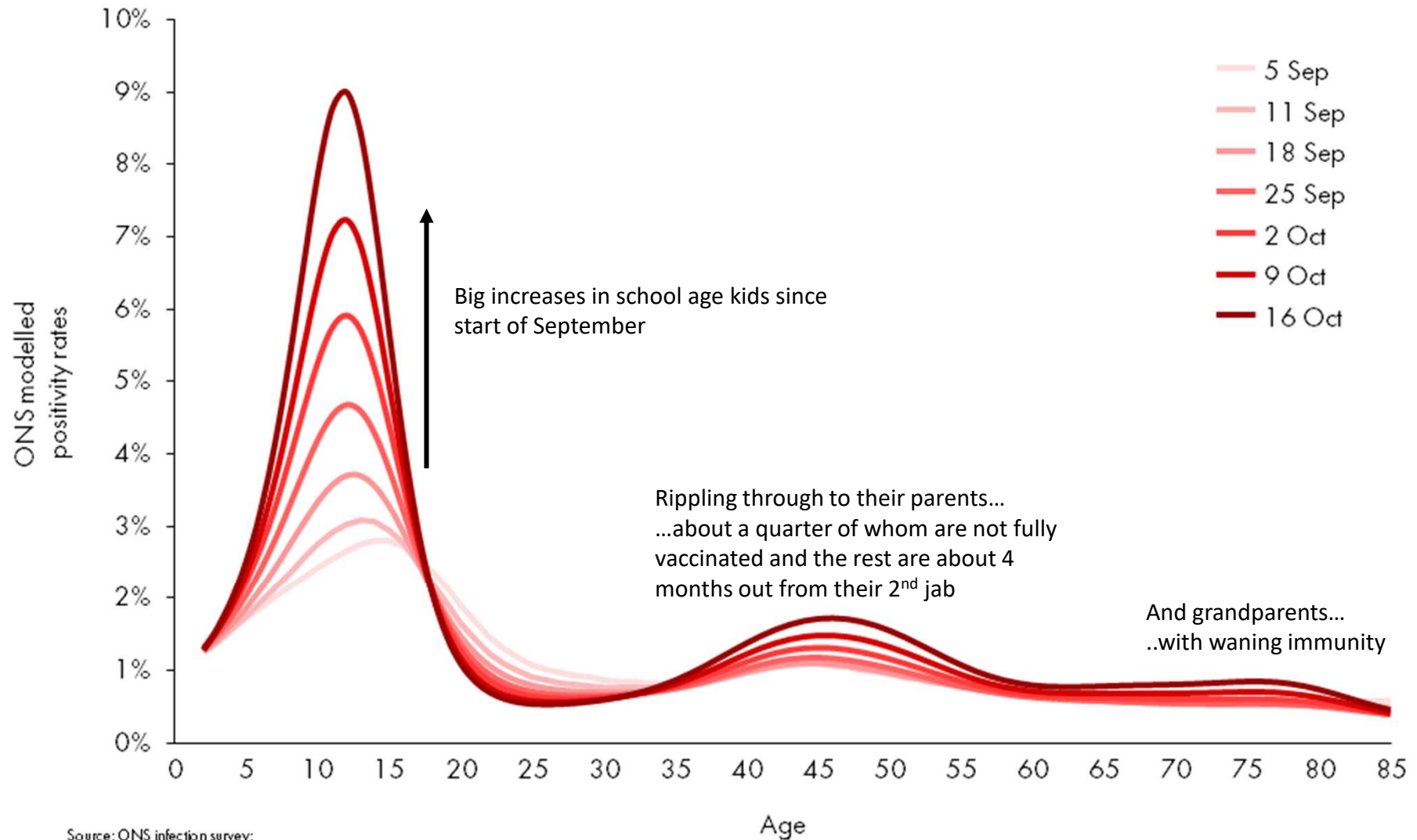
Data from <https://coronavirus.data.gov.uk/>

Cases per 100,000 people per week for different age groups in England



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

Changes over time and age in modelled prevalence from the ONS infection survey



Source: ONS infection survey:
<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronavirus/covid-19infectionsurvey/pilot/22october2021>

Chart by Paul Mainwood: <https://twitter.com/PaulMainwood/status/1451509312724115456?s=20>

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

ENGLAND

| Age range | Cases per 100,000 per week for week ending | | | | | | | Age range | % increase week to 16 Oct |
|-----------|--------------------------------------------|--------|--------|--------|--------|--------|--------|-----------|---------------------------|
| | 04-Sep | 11-Sep | 18-Sep | 25-Sep | 02-Oct | 09-Oct | 16-Oct | | |
| 0 to 4 | 142 | 143 | 127 | 130 | 119 | 139 | 163 | 0 to 4 | 17% |
| 5 to 9 | 328 | 392 | 472 | 563 | 487 | 573 | 710 | 5 to 9 | 24% |
| 10 to 14 | 564 | 648 | 906 | 1501 | 1461 | 1517 | 1841 | 10 to 14 | 21% |
| 15 to 19 | 802 | 557 | 470 | 626 | 635 | 677 | 819 | 15 to 19 | 21% |
| 20 to 29 | 377 | 291 | 187 | 166 | 164 | 181 | 216 | 20 to 29 | 19% |
| 30 to 39 | 361 | 311 | 239 | 267 | 268 | 309 | 356 | 30 to 39 | 15% |
| 40 to 59 | 373 | 336 | 288 | 384 | 404 | 464 | 555 | 40 to 59 | 19% |
| 50 to 59 | 291 | 259 | 197 | 226 | 246 | 295 | 362 | 50 to 59 | 23% |
| 60 plus | 167 | 156 | 115 | 120 | 124 | 161 | 202 | 60 plus | 25% |

SOUTH WEST

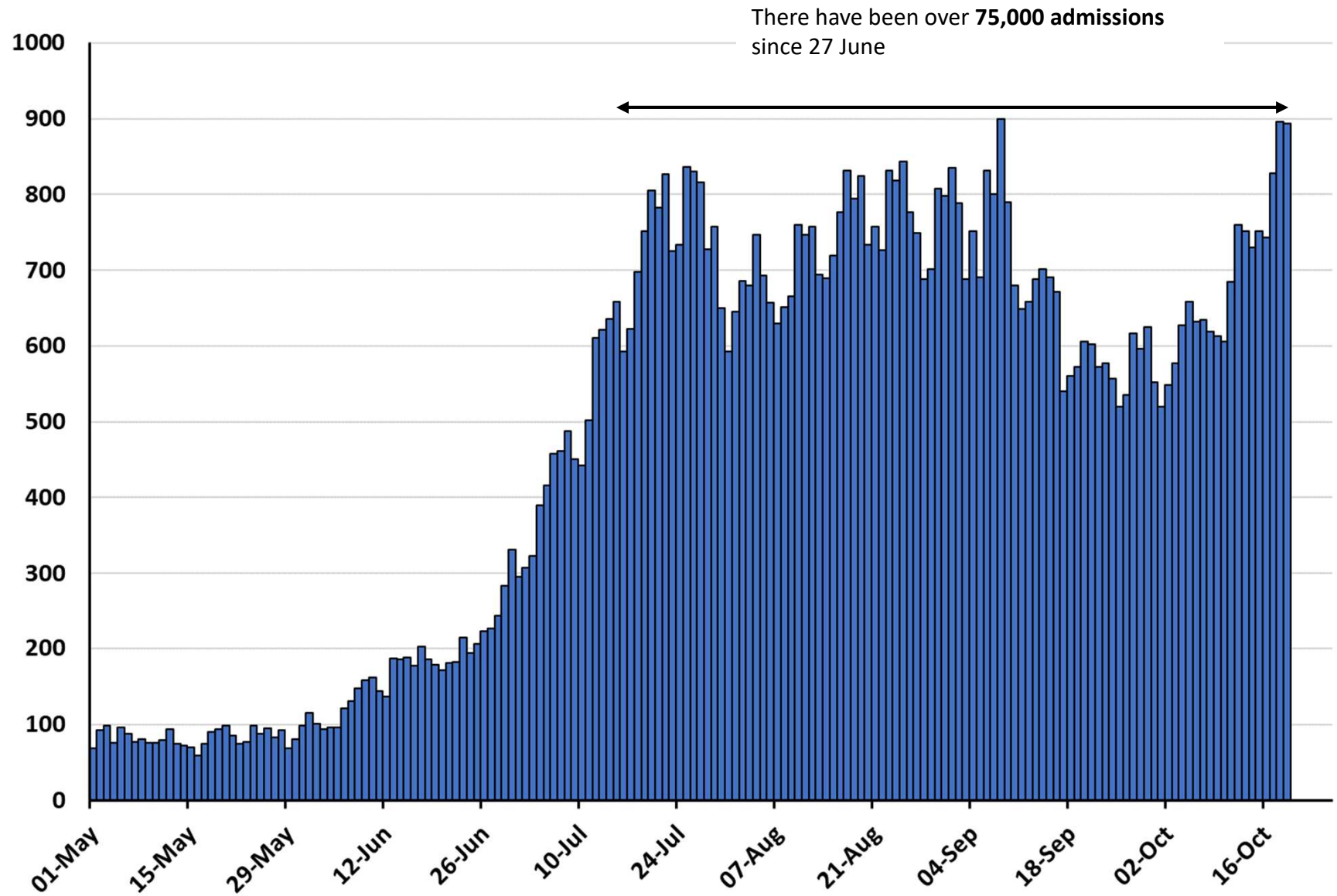
| Age range | Cases per 100,000 per week for week ending | | | | | | | Age range | % increase week to 16 Oct |
|-----------|--------------------------------------------|--------|--------|--------|--------|--------|--------|-----------|---------------------------|
| | 04-Sep | 11-Sep | 18-Sep | 25-Sep | 02-Oct | 09-Oct | 16-Oct | | |
| 0 to 4 | 189 | 136 | 121 | 134 | 114 | 129 | 221 | 0 to 4 | 70% |
| 5 to 9 | 371 | 330 | 365 | 512 | 426 | 465 | 1050 | 5 to 9 | 126% |
| 10 to 14 | 676 | 566 | 795 | 1398 | 1486 | 1429 | 3113 | 10 to 14 | 118% |
| 15 to 19 | 939 | 525 | 398 | 552 | 606 | 611 | 1232 | 15 to 19 | 102% |
| 20 to 29 | 470 | 285 | 165 | 154 | 131 | 139 | 254 | 20 to 29 | 83% |
| 30 to 39 | 427 | 298 | 209 | 247 | 247 | 269 | 480 | 30 to 39 | 78% |
| 40 to 59 | 425 | 305 | 241 | 363 | 385 | 408 | 831 | 40 to 59 | 104% |
| 50 to 59 | 309 | 233 | 170 | 208 | 217 | 234 | 481 | 50 to 59 | 105% |
| 60 plus | 160 | 118 | 86 | 96 | 95 | 119 | 216 | 60 plus | 81% |

LONDON

| Age range | Cases per 100,000 per week for week ending | | | | | | | Age range | % increase week to 16 Oct |
|-----------|--------------------------------------------|--------|--------|--------|--------|--------|--------|-----------|---------------------------|
| | 04-Sep | 11-Sep | 18-Sep | 25-Sep | 02-Oct | 09-Oct | 16-Oct | | |
| 0 to 4 | 80 | 78 | 67 | 68 | 62 | 71 | 85 | 0 to 4 | 19% |
| 5 to 9 | 198 | 247 | 251 | 286 | 249 | 267 | 317 | 5 to 9 | 19% |
| 10 to 14 | 347 | 428 | 494 | 739 | 705 | 707 | 836 | 10 to 14 | 18% |
| 15 to 19 | 554 | 404 | 331 | 389 | 401 | 412 | 471 | 15 to 19 | 14% |
| 20 to 29 | 321 | 256 | 176 | 146 | 145 | 150 | 169 | 20 to 29 | 13% |
| 30 to 39 | 250 | 213 | 157 | 158 | 154 | 173 | 192 | 30 to 39 | 11% |
| 40 to 59 | 257 | 243 | 202 | 227 | 242 | 265 | 306 | 40 to 59 | 16% |
| 50 to 59 | 226 | 199 | 145 | 154 | 170 | 182 | 208 | 50 to 59 | 14% |
| 60 plus | 139 | 139 | 95 | 94 | 96 | 112 | 134 | 60 plus | 20% |

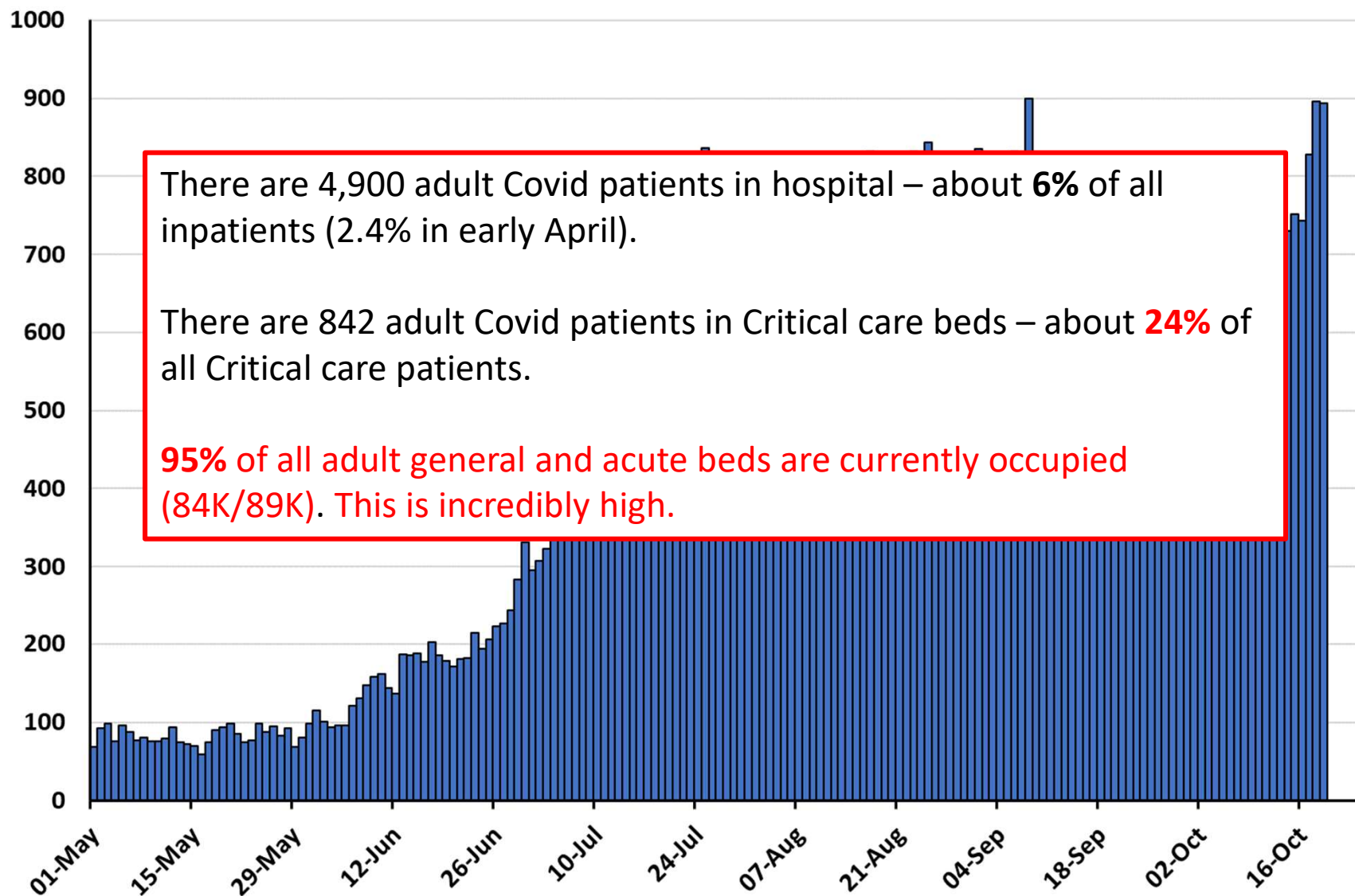
Regional and age
situation: hospital
(ENGLAND)

Number of hospital admissions with Covid every day in England

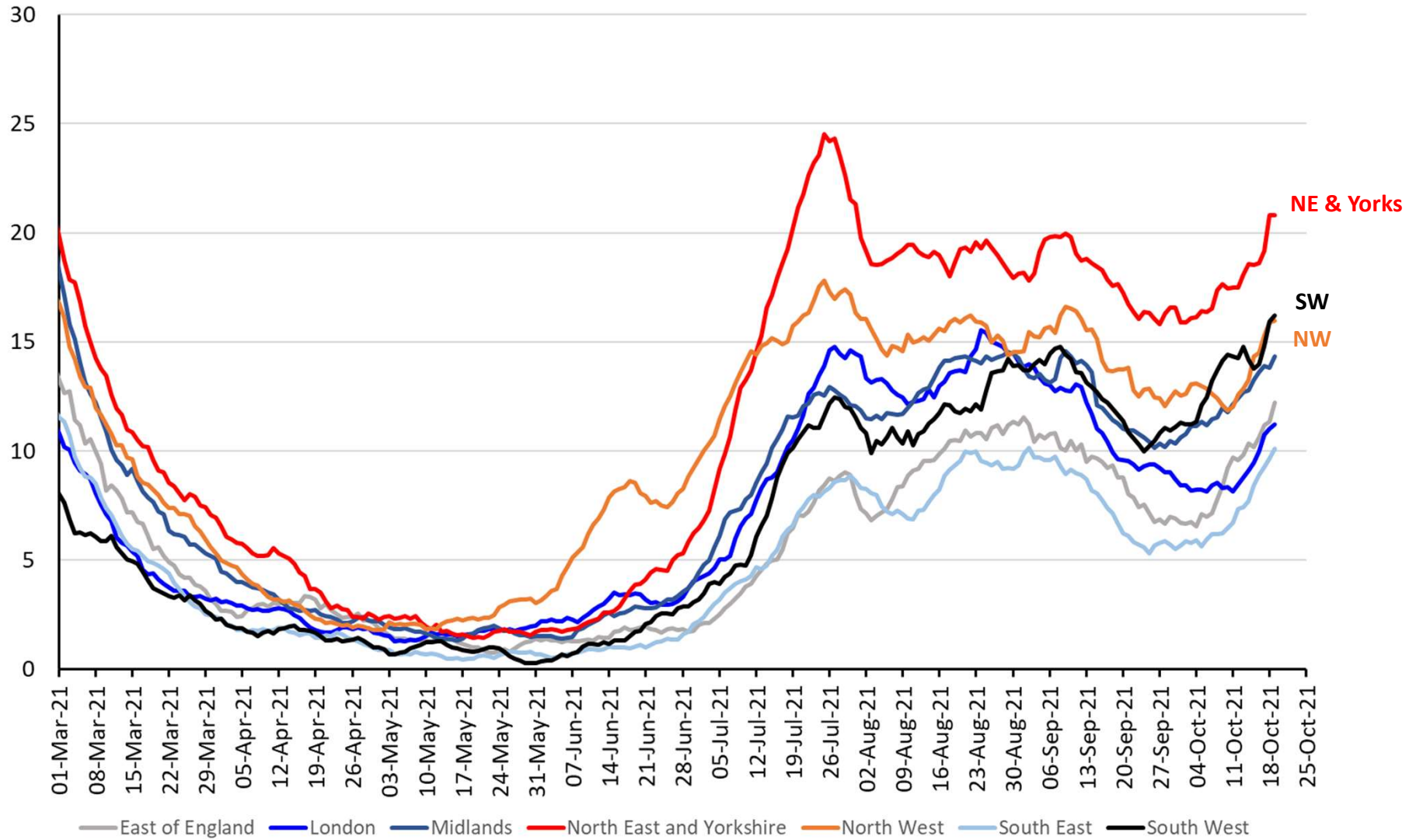


Data from <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/>

Number of hospital admissions with Covid every day in England

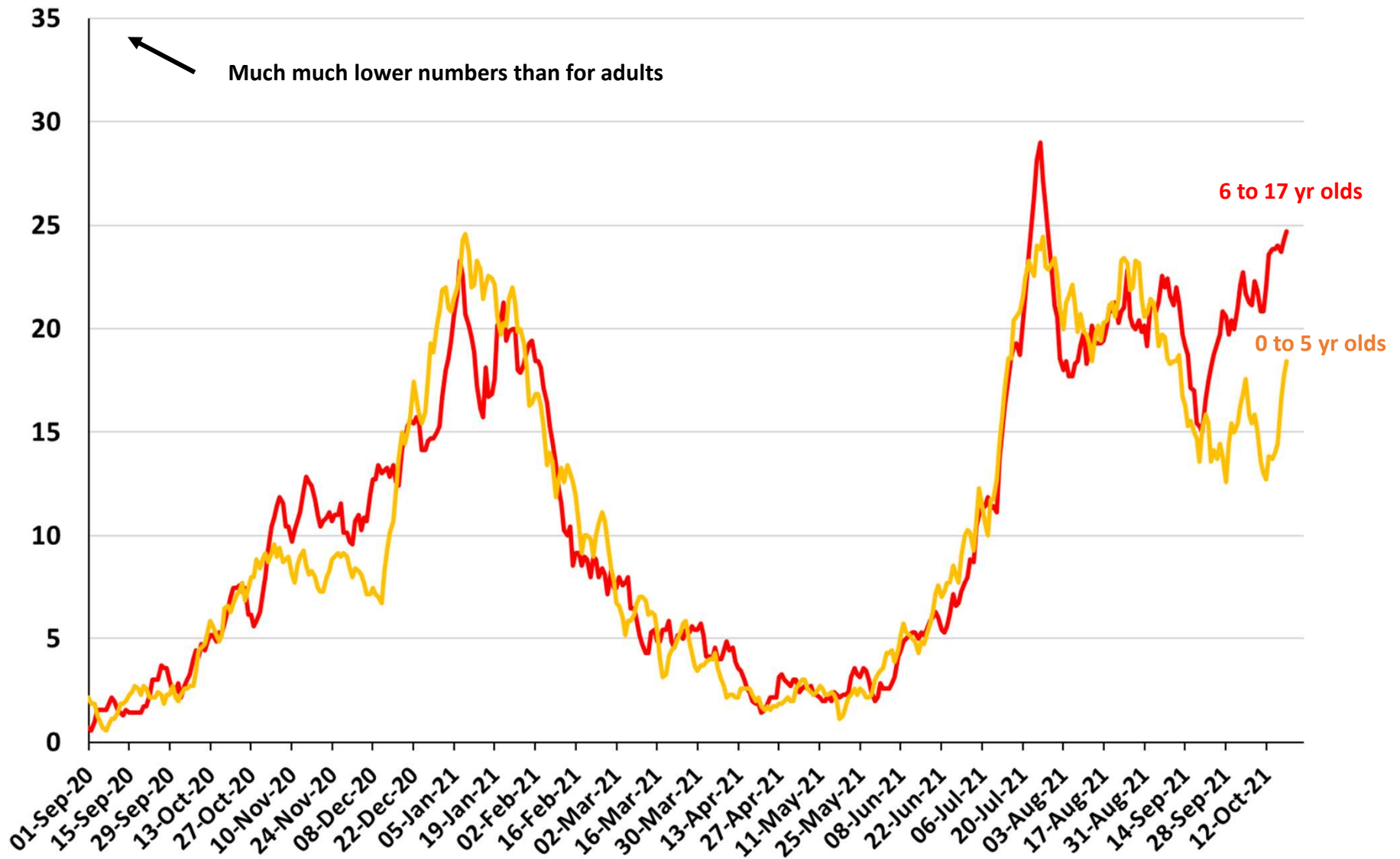


7-day average of daily number of new hospital admissions with COVID-19 per day / million people across different regions in England



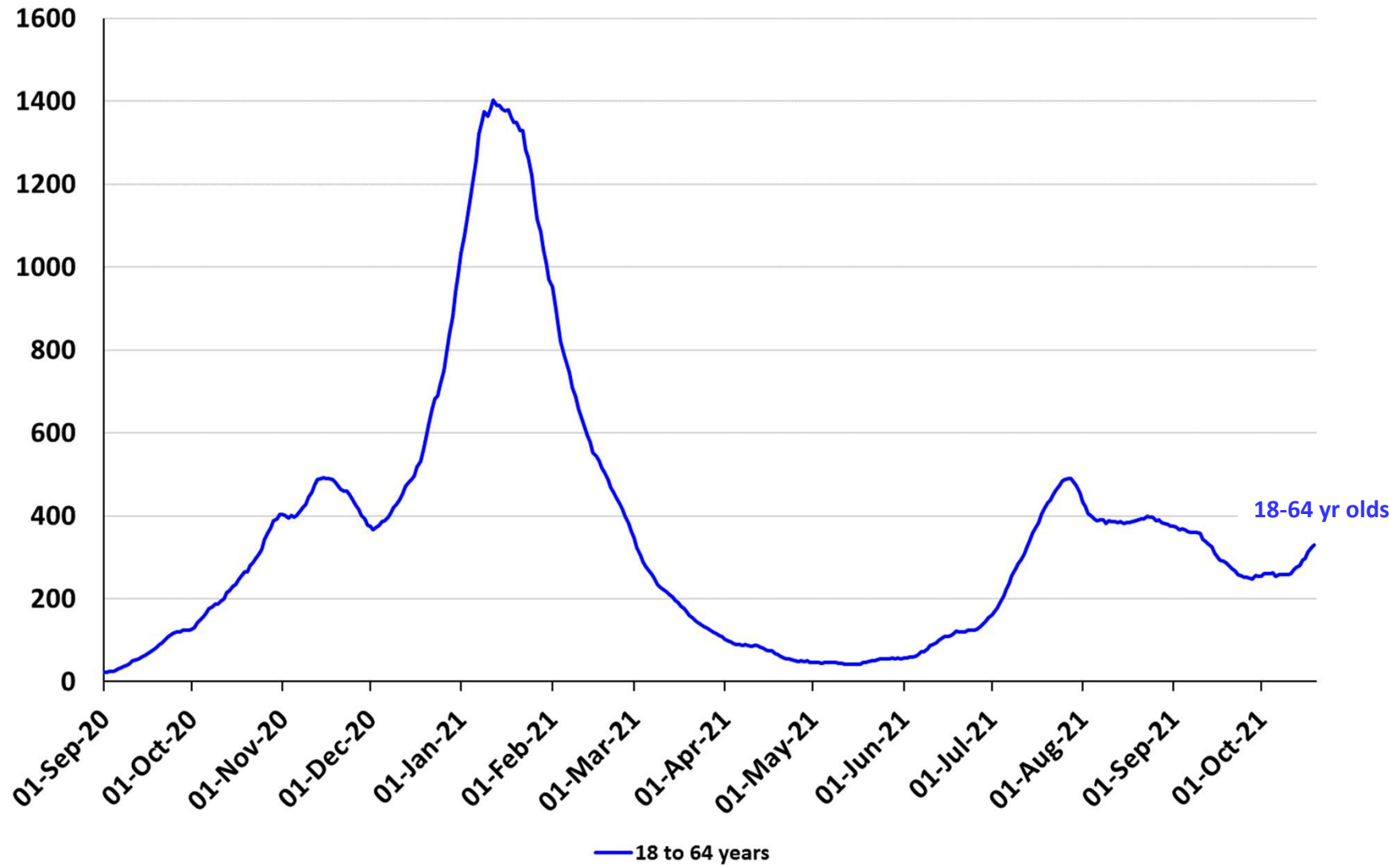
Data from <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/>

7-day rolling average of hospital admissions in Under 18s in England to 19 Oct

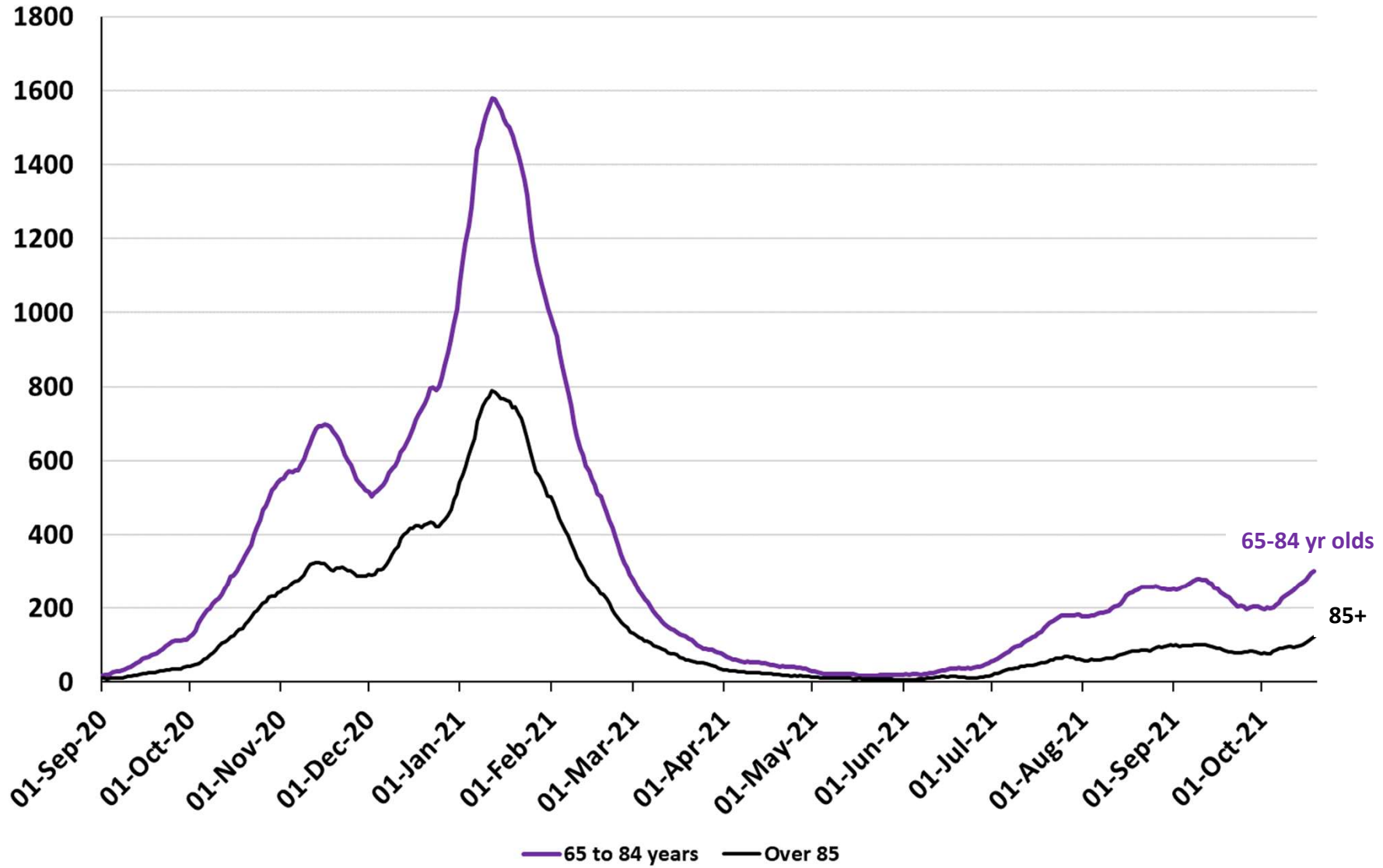


Data from <https://coronavirus.data.gov.uk>.

7-day rolling average of hospital admissions in 18-64 year olds in England to 19 Oct



7-day rolling average of hospital admissions in over 65s in England to 19 Oct



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

Immensa Health Clinic (Dante
Laboratories) testing failure:
Independent SAGE statement

Urgent action required:

1. Rapid publication of the report of the UKHSA review process, including speed of response & quality assurance process
2. Publication of the process and decision making for awarding the contract to Immensa Health Clinic.
3. Publication of the original contract with Immensa Health Clinic including oversight of quality and accreditation of the lab.
4. Details of the role of PHE/UKHSA in the awarding and monitoring of this and other outsourced laboratory contracts.
5. Details of the clinical, public health and governance response to the laboratory failure including the potential for retesting of original stored samples, and enhanced surveillance of those communities affected.
6. Details of measures to assure other labs are meeting the standards required.
7. Rapidly re-assemble PHE , NHS and aligned university laboratory capacities, and their clinical leaderships, to drive future laboratory support of COVID response. This should be associated with the migration of outsourced contracts back to such a consortium wherever possible.

<https://www.independentsage.org/statement-on-covid-19-testing-at-immensa-health-clinic-dante-laboratories/>

Vaccine Plus plan

Urgent action required:

1. Endorse call for accelerating vaccination – both in uptake **and accessibility**
2. BUT need to support vaccinations with other public health protections that our Western European neighbours are using effectively
3. While we must all play our part, government must provide the support necessary for us to our bit:
 - Communication of symptoms
 - Accessibility of tests and communication about their importance
 - Accessibility of vaccines and communication about their importance
 - Sick pay and practical support for those who must self-isolate
 - Supporting businesses and other settings to provide covid-safe spaces, including support for improving and communicating ventilation standards
4. This is not a call for a “lockdown”. Not doing these things makes a future lockdown more likely – this is an anti-lockdown strategy!

17th September plan:

**Nine-point Covid Winter Protection
Plan: A vaccine-plus approach**

<https://www.independentsage.org/nine-point-covid-winter-protection-plan-a-vaccine-plus-approach/>