

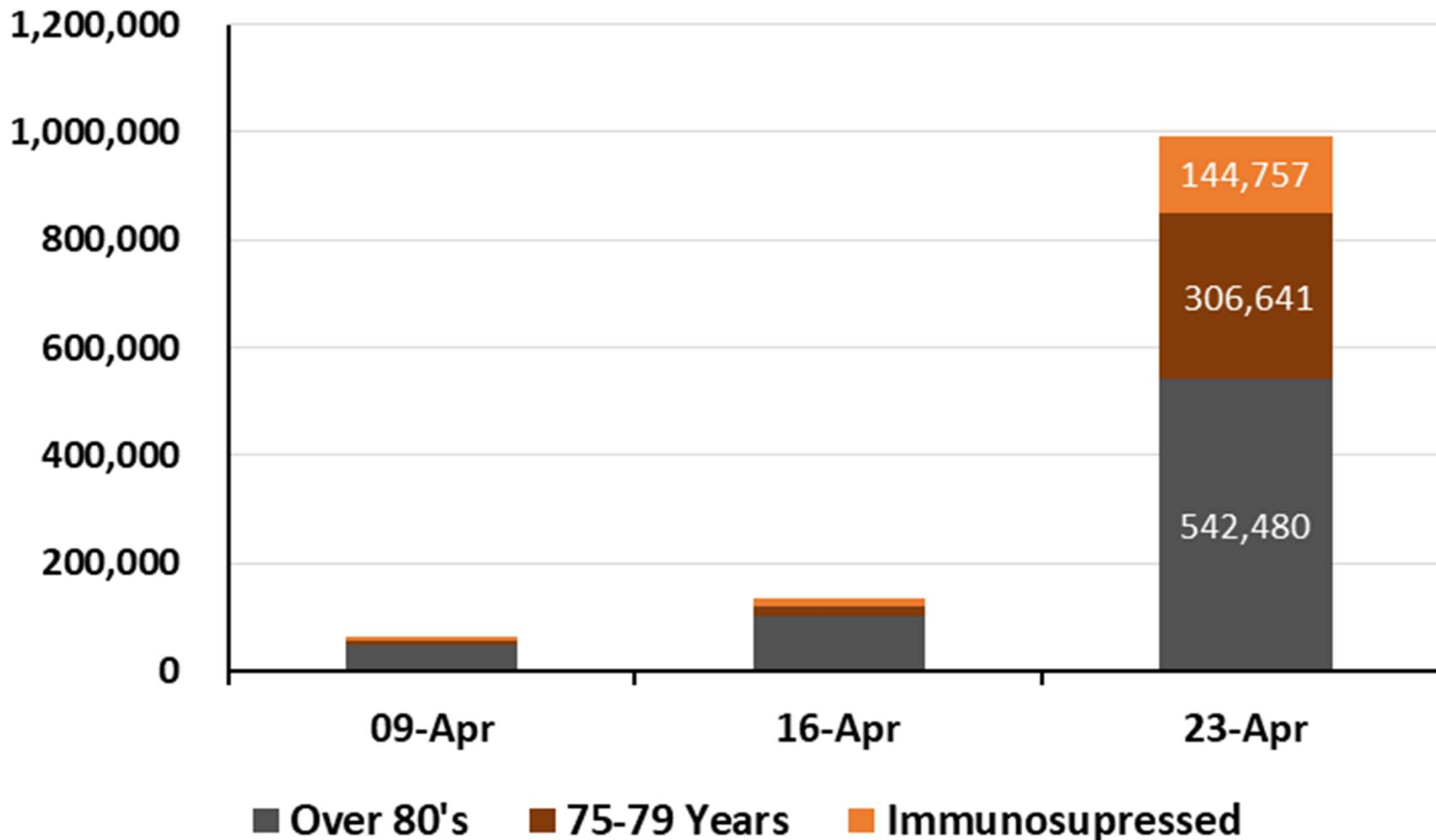
1. Vaccines
2. Hospitalisations and deaths
3. State of the NHS
4. Other ways of monitoring prevalence
5. Variant update
6. Work absence 2022

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

Vaccines

Total Number of Spring 2023 Booster Doses Given by Category England: Week Ending 9 Apr – 23 Apr 2023

(Source: UKHSA Flu and Covid surveillance report using NIMS population estimates)



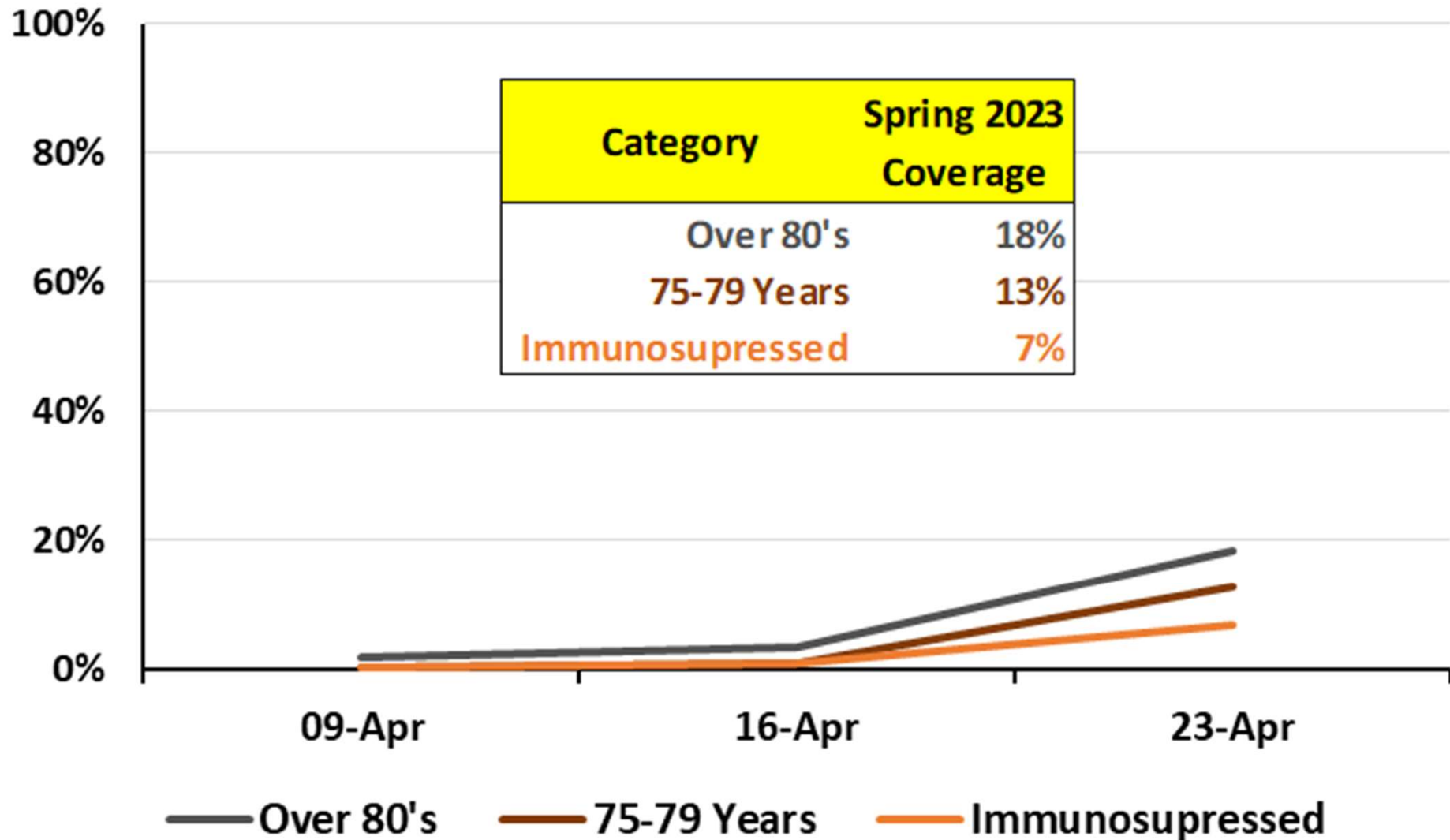
<https://www.gov.uk/government/statistics/national-flu-and-covid-19-surveillance-reports-2022-to-2023-season>

Thank you to Bob Hawkins for the chart

Coverage of Spring 2023 Booster Doses by Category

England: Week Ending 9 Apr – 23 Apr 2023

(Source: UKHSA Flu and Covid surveillance report using NIMS population estimates)



<https://www.gov.uk/government/statistics/national-flu-and-covid-19-surveillance-reports-2022-to-2023-season>

Thank you to Bob Hawkins for the chart

Hospitals and deaths

Hospital testing & potential impact on recorded admissions (and Within-hospital infections)

Apr 2022:

No more testing for visitors to hospitals

Big shift to LFDs instead of PCR tests

End of free tests for general public

Sept 2022:

Most asymptomatic testing within hospitals stopped

Asymptomatic staff testing stopped

Apr 2023:

Pre admission patient testing stopped even if symptomatic

No testing for within hospital transfer

Most healthcare staff who have symptoms of a respiratory infection no longer asked to test

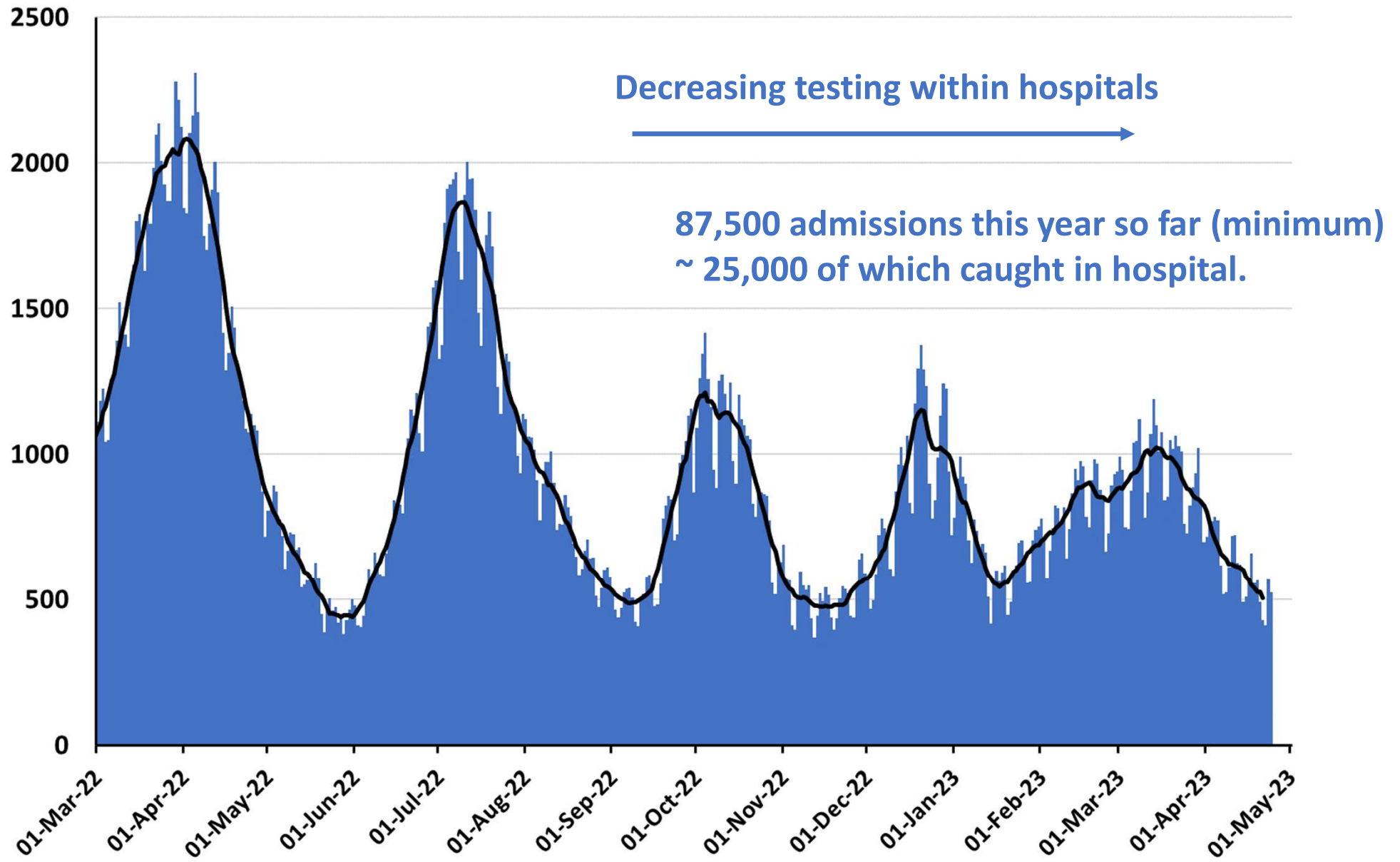
Still tested: anyone admitted *for* Covid symptoms or anyone who develops symptoms in hospital where Covid would affect their medical management

April 2022: <https://web.archive.org/web/20220401072130/https://www.england.nhs.uk/coronavirus/documents/living-with-covid-19-testing-update/>

September 2022: <https://web.archive.org/web/20220824154646/https://www.gov.uk/guidance/covid-19-testing-during-periods-of-low-prevalence>

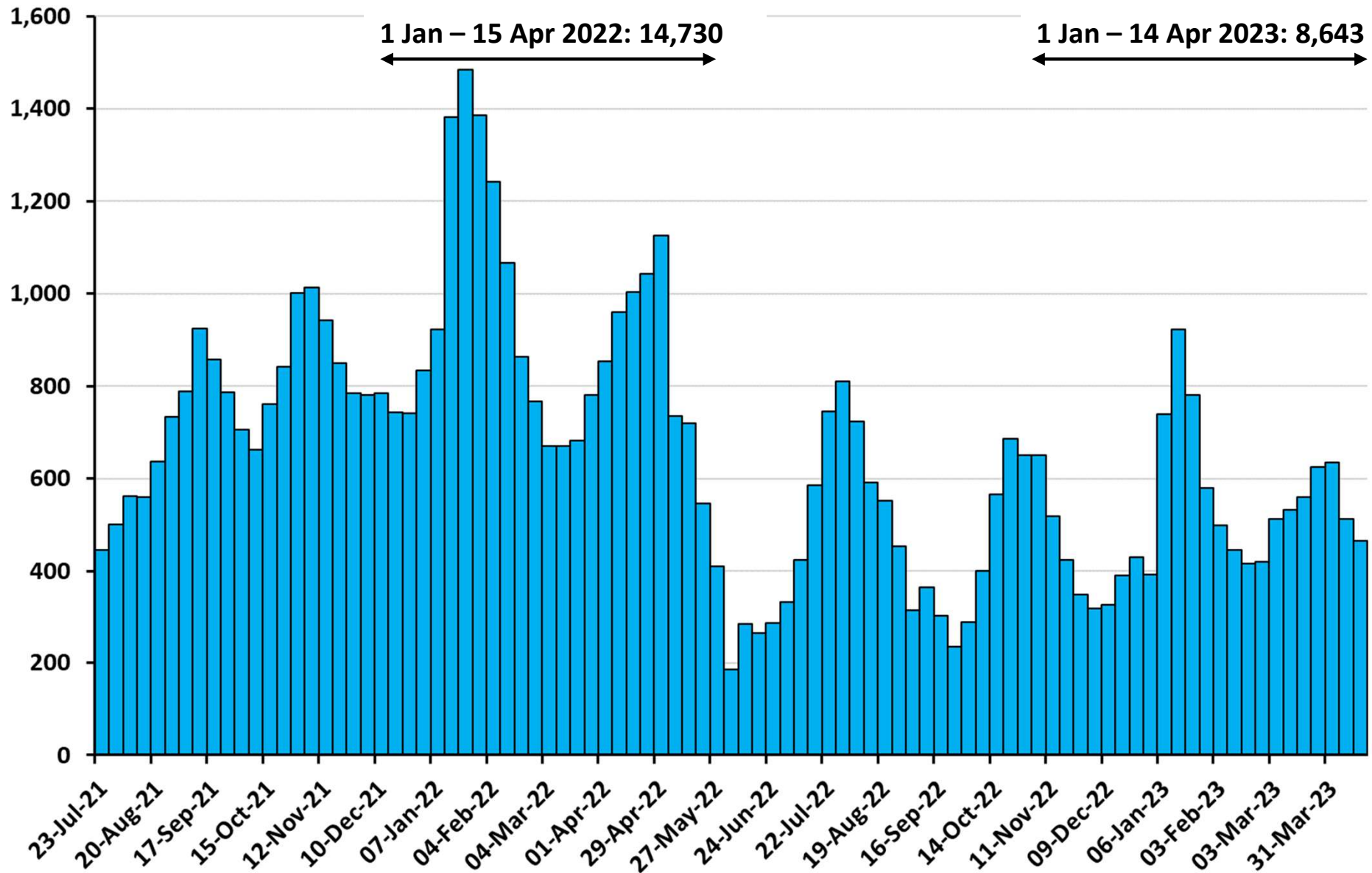
April 2023: <https://www.england.nhs.uk/long-read/covid-19-testing-policy-update-changes-to-nhs-use-cases/>

Number of daily hospital admissions with Covid in England Mar 2022 to 24 April 2023



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

Number of deaths with Covid on the **death certificate** by week registered in England and Wales July 2021 to 14 April 2023



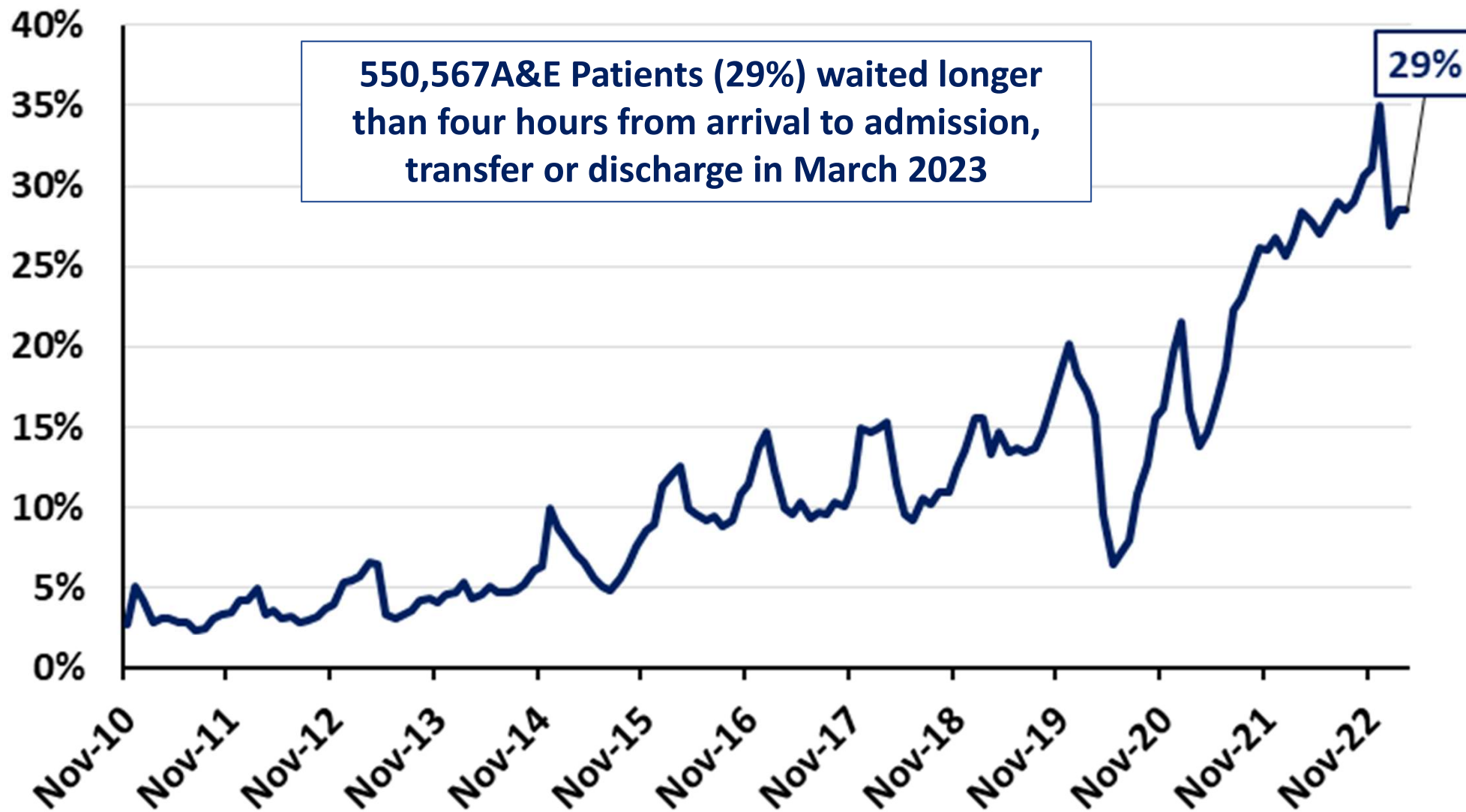
Data from :

England and Wales: www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/latest

State of NHS

Percent of A&E attendances greater than 4 hours from arrival to admission, transfer or discharge for England: Nov 2010 – Mar 2023

(Source: NHS Monthly A&E Attendances and Emergency Admissions)



550,567 A&E Patients (29%) waited longer than four hours from arrival to admission, transfer or discharge in March 2023

29%

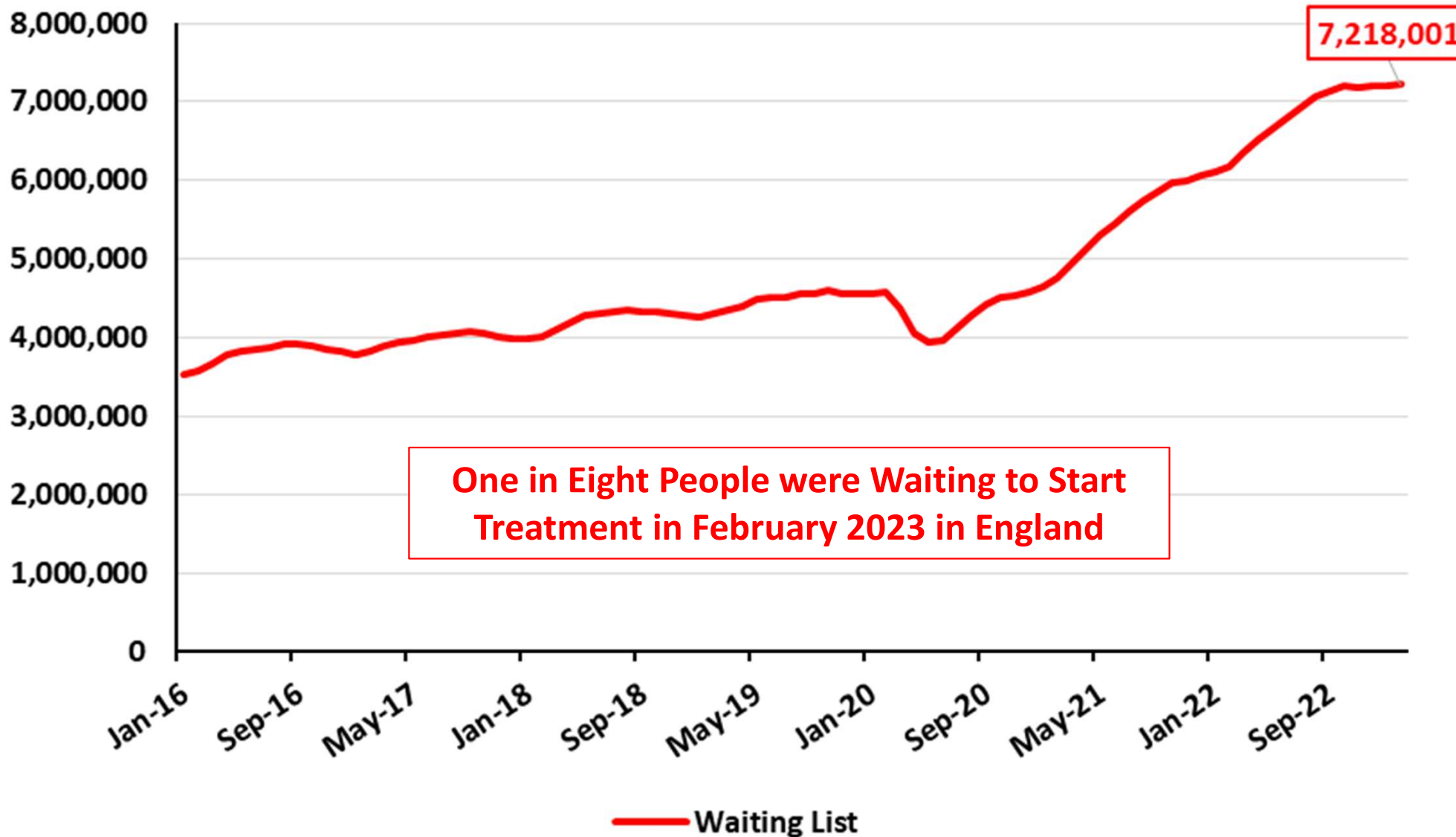
All A&E >4H

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

Thanks to Bob Hawkins for the chart

Number of Patients Waiting for Treatment in England (Jan 2016 to Feb 2023)

(Source: NHS Monthly A&E Attendances and Emergency Admissions)

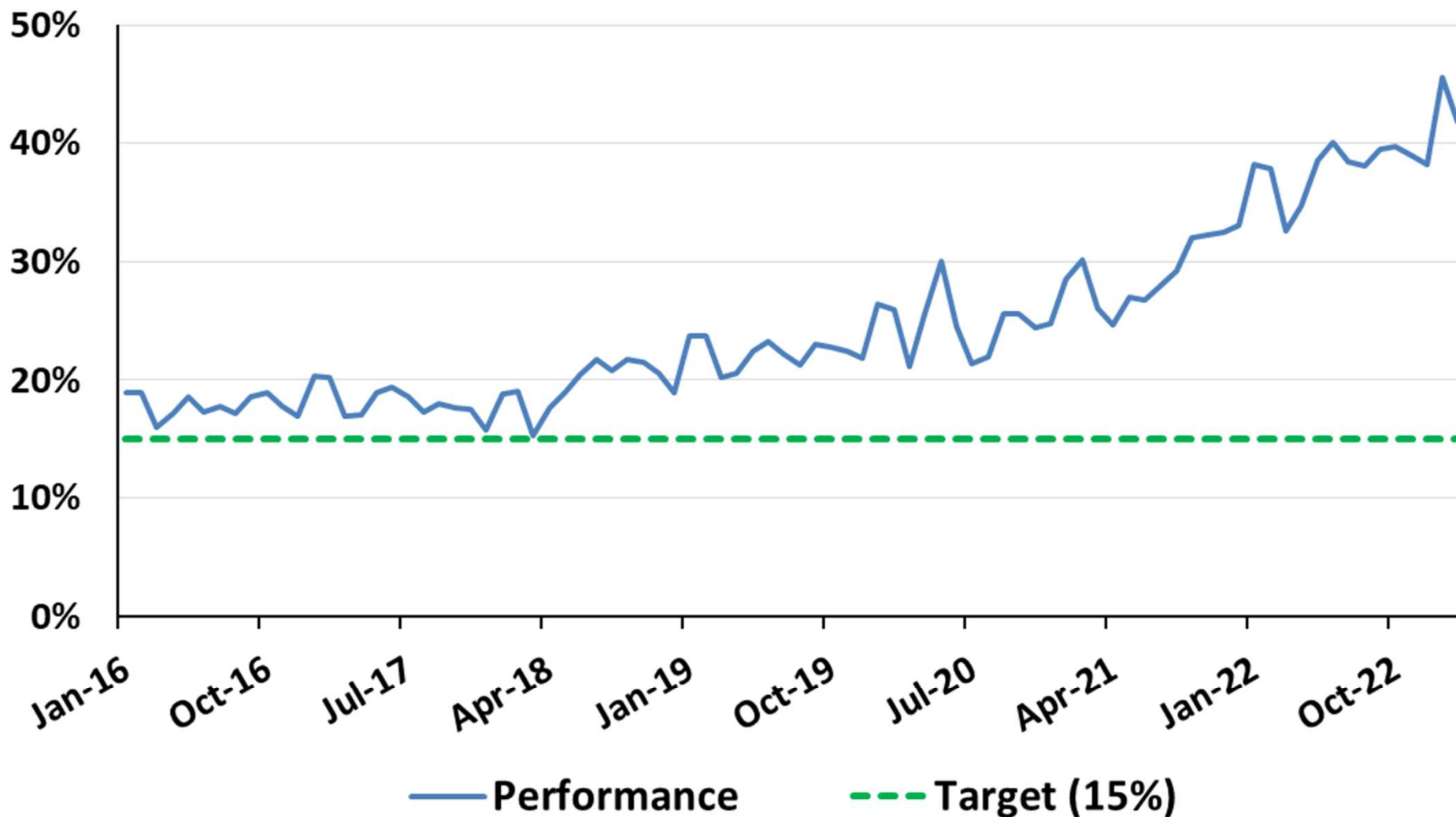


<https://www.england.nhs.uk/statistics/statistical-work-areas/rtt-waiting-times/rtt-data-2021-22/>

Thanks to Bob Hawkins for the chart

Percent of Patients Waiting Longer than Two Months to Start Cancer Treatment following an Urgent GP Referral by Month: England (Jan 2016 to Feb 2023)

(Source: NHS Monthly Cancer Waiting Times Report)



Two Month Wait from GP Urgent Referral to a First Treatment for Cancer

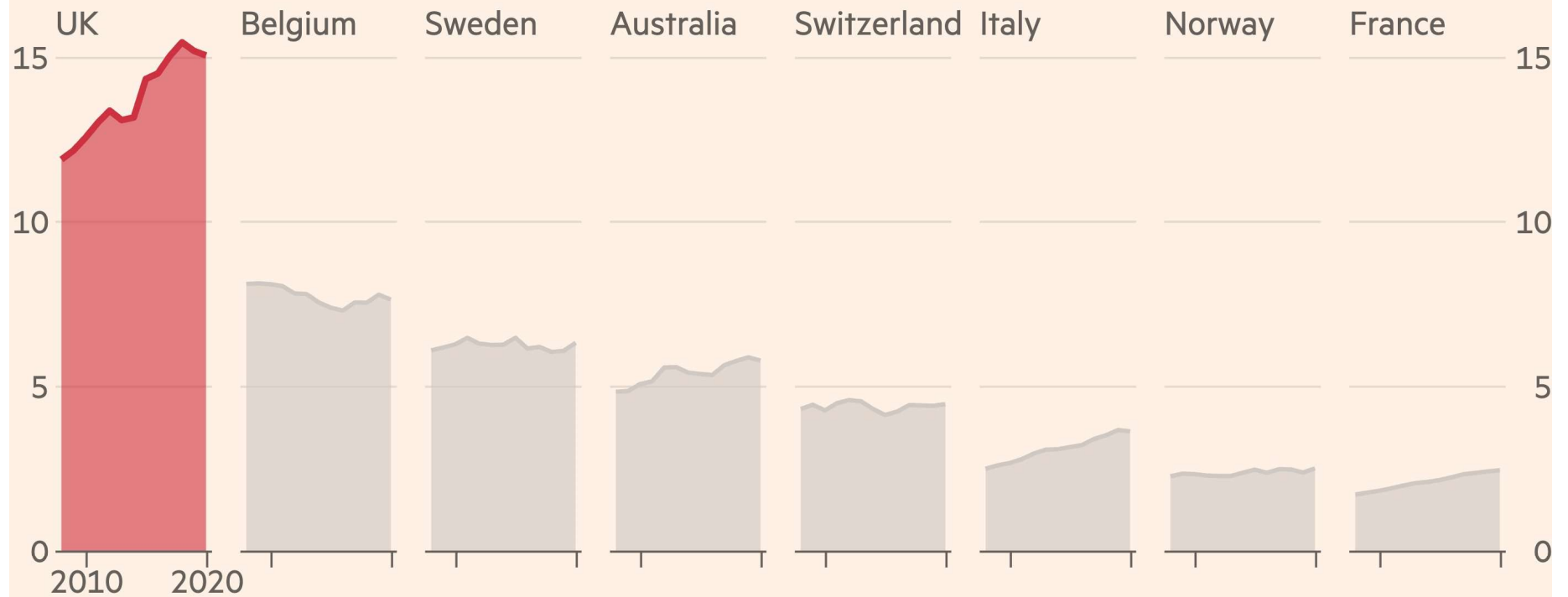
<https://www.england.nhs.uk/statistics/statistical-work-areas/cancer-waiting-times/>

Thanks to Bob Hawkins for the chart

NHS staff retention

One in seven UK-trained doctors has left to practise in another country, and this figure continues to trend upwards

Share of doctors trained in each country who are practising overseas* (%)



*Trend is projected backwards and forwards where there is a break in a country's series

Source: FT analysis of OECD Health Workforce Migration statistics

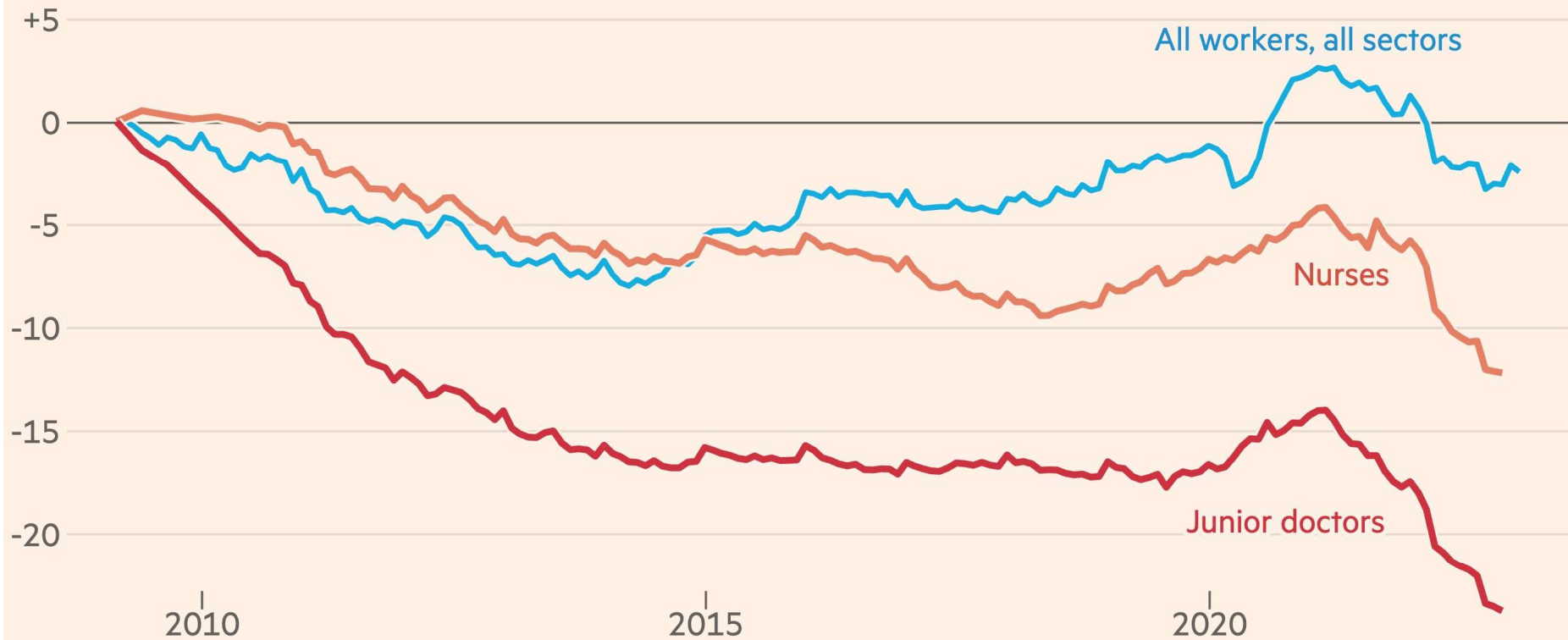
FT graphic: John Burn-Murdoch / @jburnmurdoch

© FT

NHS staff retention

Nurses and junior doctors have suffered much steeper declines in real-terms pay than the average British worker

Change in real-terms pay relative to March 2009 (%)



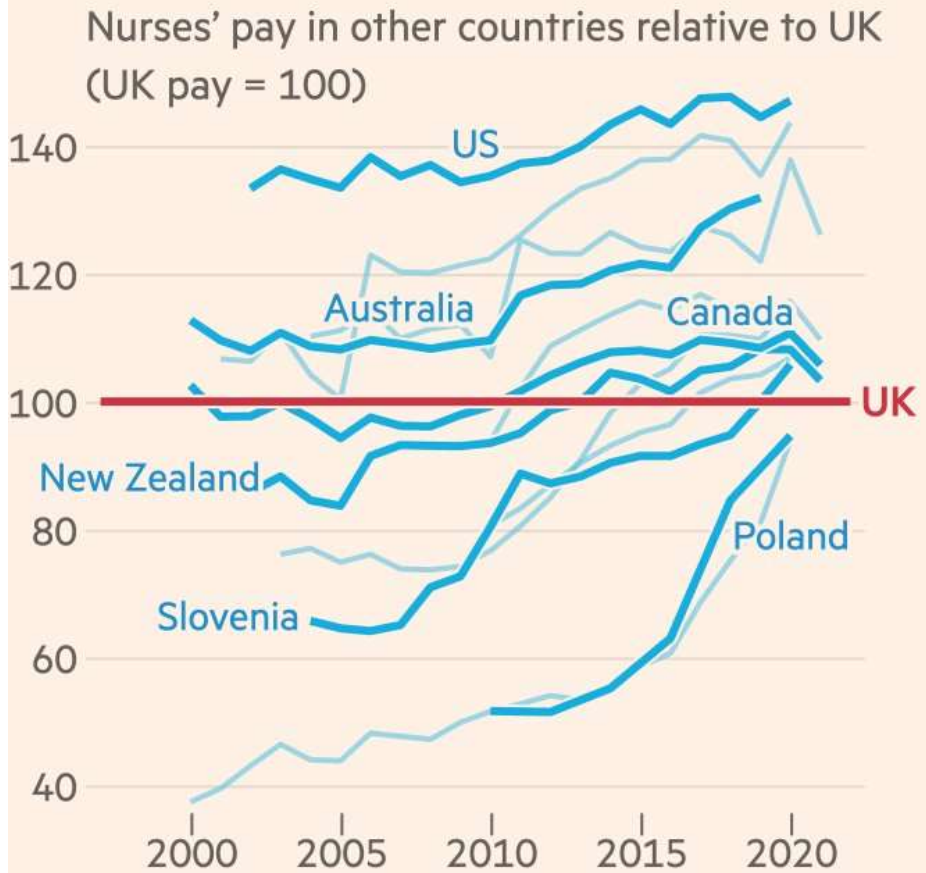
Source: FT analysis of ONS average weekly earnings, CPI and NHS Staff Earnings Estimates

FT graphic: John Burn-Murdoch / @jburnmurdoch

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NHS staff retention

British nurses' salaries have been overtaken by many countries, and UK nurses' pay relative to other jobs is also among the lowest

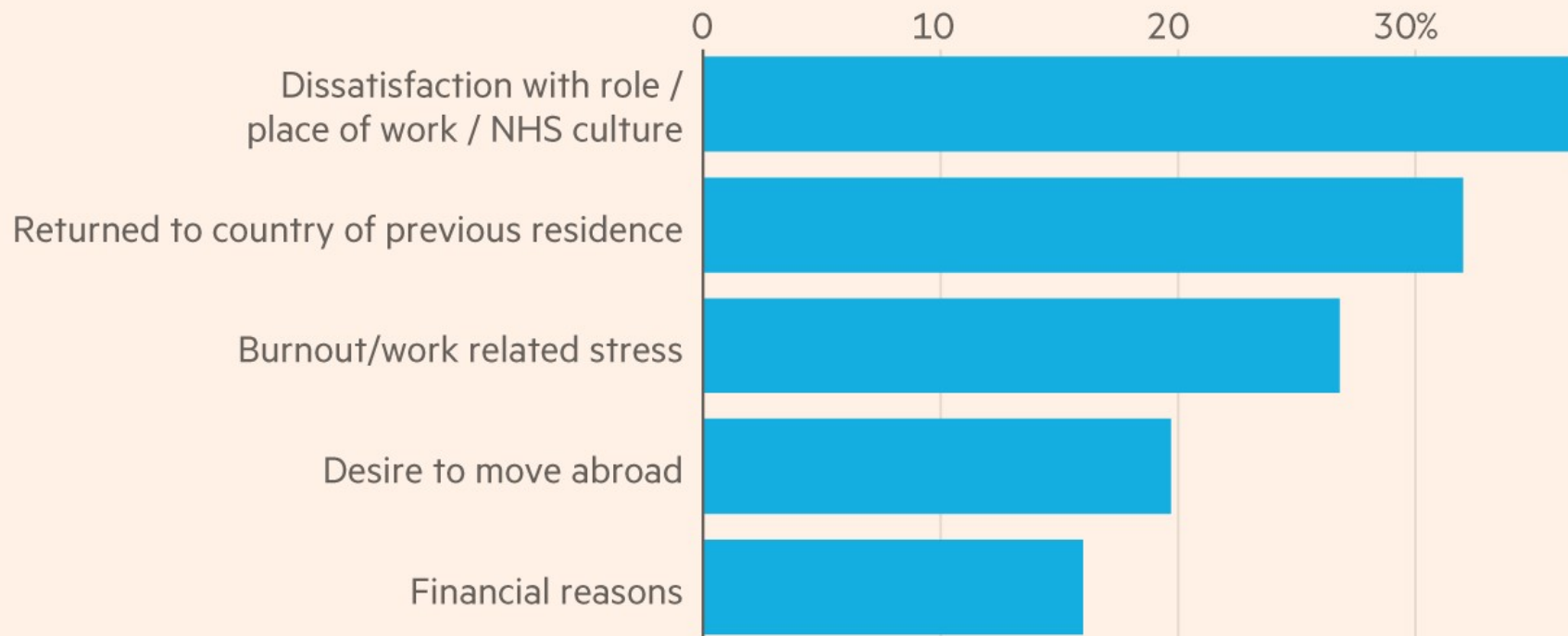


Source: FT analysis of OECD remuneration of health professionals and average annual wages
 FT graphic: John Burn-Murdoch / @jburnmurdoch
 © FT

NHS staff retention

Pay is actually some way down the list of reasons doctors leave the UK

Share of doctors who have left the UK who listed each reason as a contributing factor



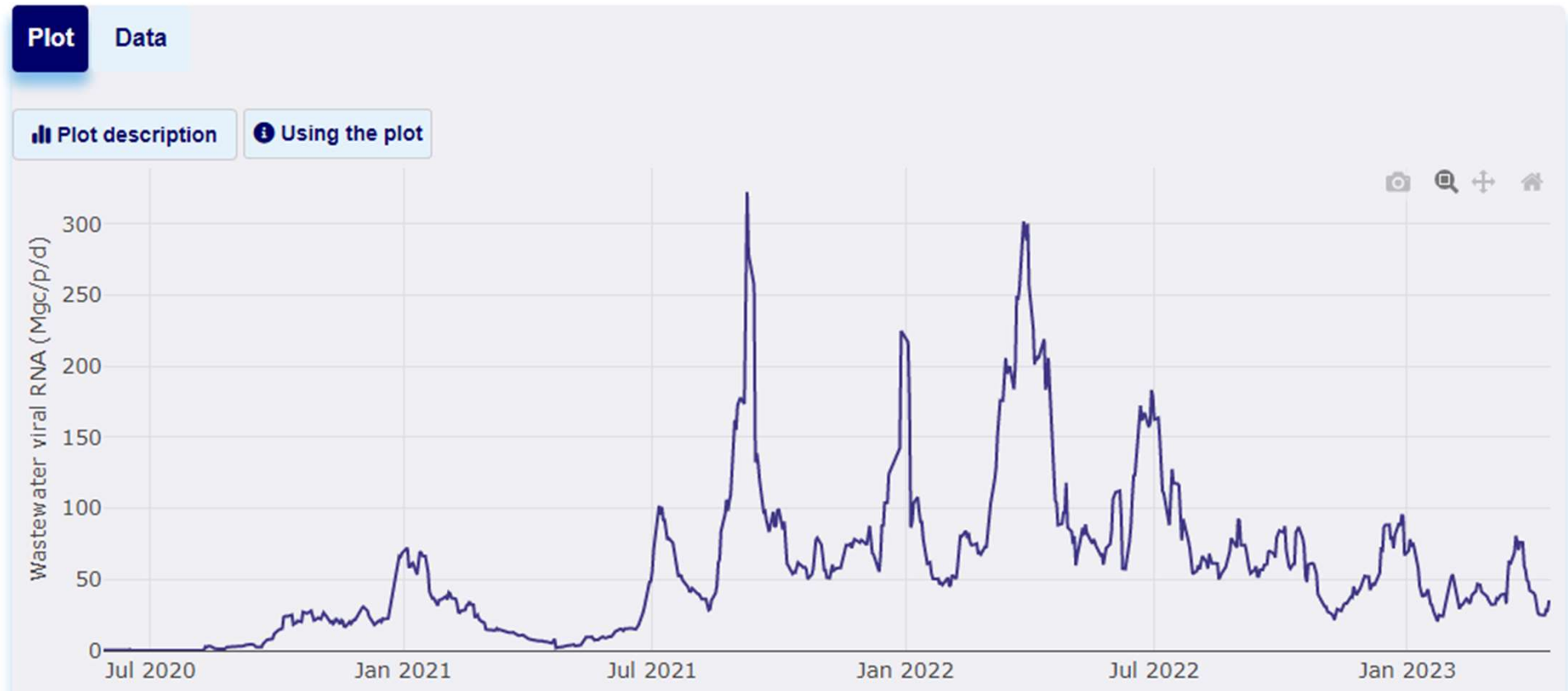
Source: Completing the Picture Survey (by Shift Insight, for the General Medical Council)

FT graphic: John Burn-Murdoch / @jburnmurdoch

© FT

Wastewater

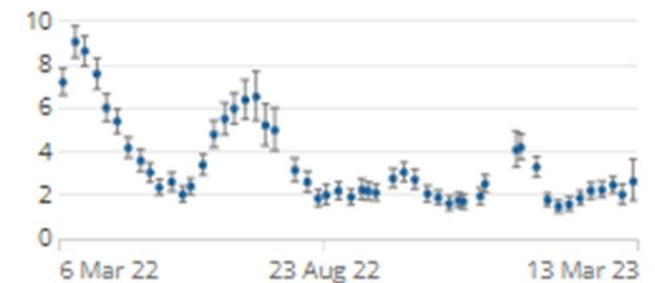
Viral load of Covid RNA in wastewater in Scotland Autumn 2021 to 14 April 2023



Scotland

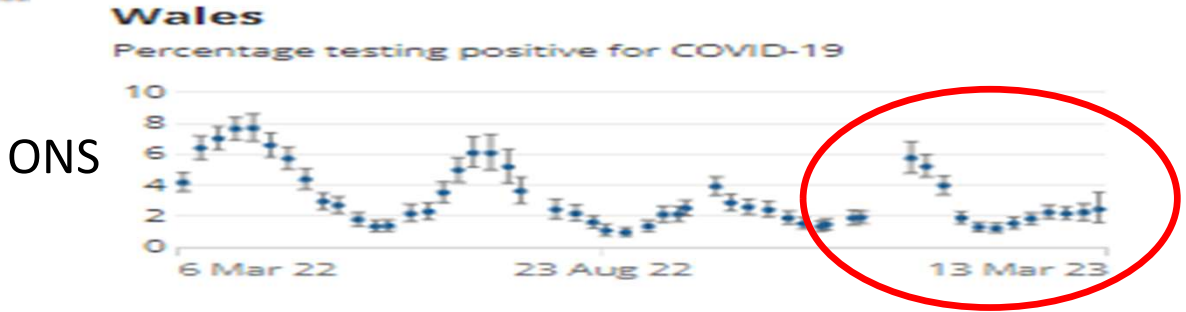
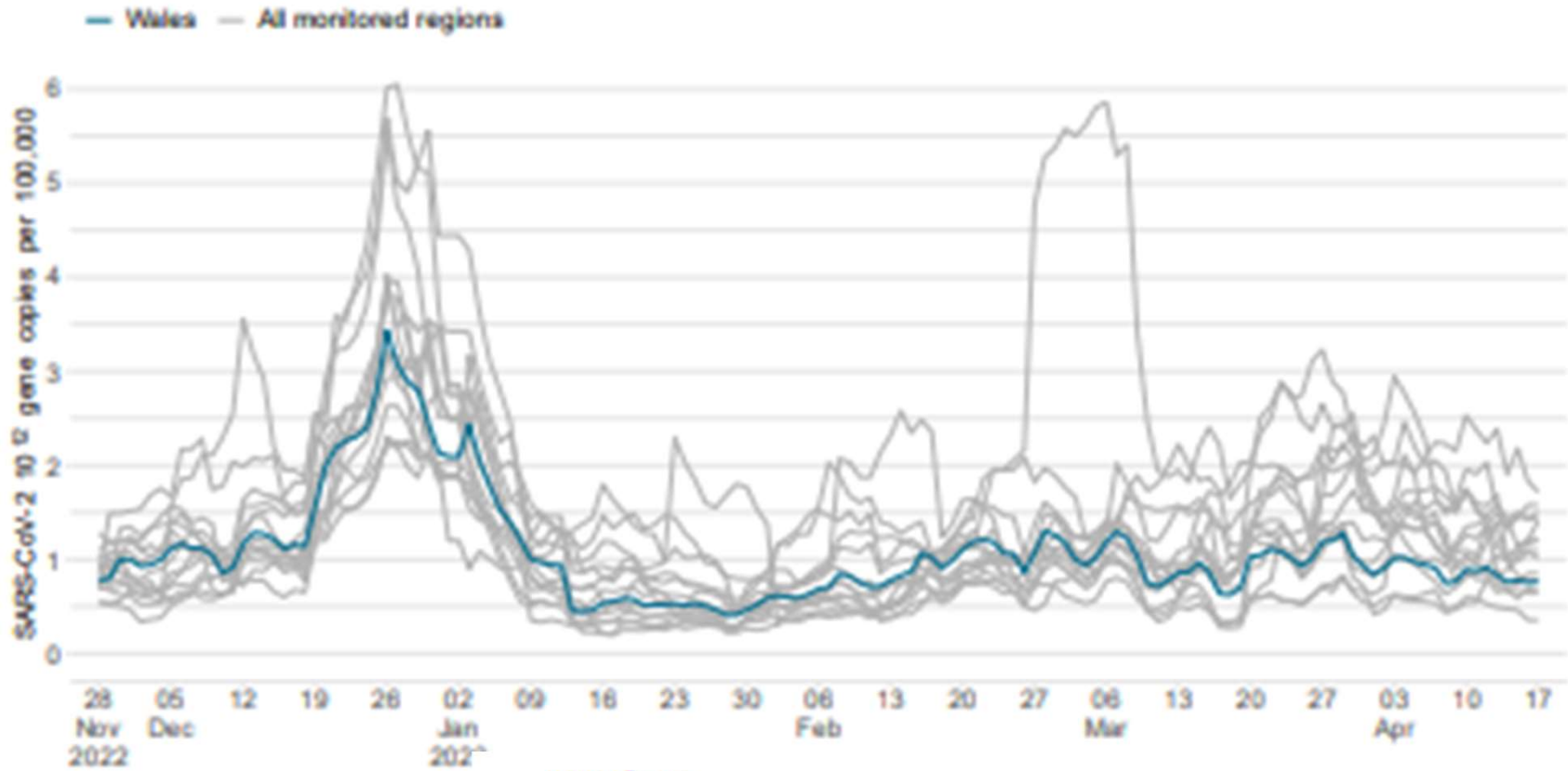
Percentage testing positive for COVID-19

ONS



From <https://scotland.shinyapps.io/phs-respiratory-covid-19/>

Viral load of Covid RNA in wastewater in Wales Nov 2022 to 17 April 2023



From <https://www.gov.wales/sites/default/files/publications/2023-04/wastewater-monitoring-20-april-2023.pdf>

Viral load of Covid RNA in wastewater in England...

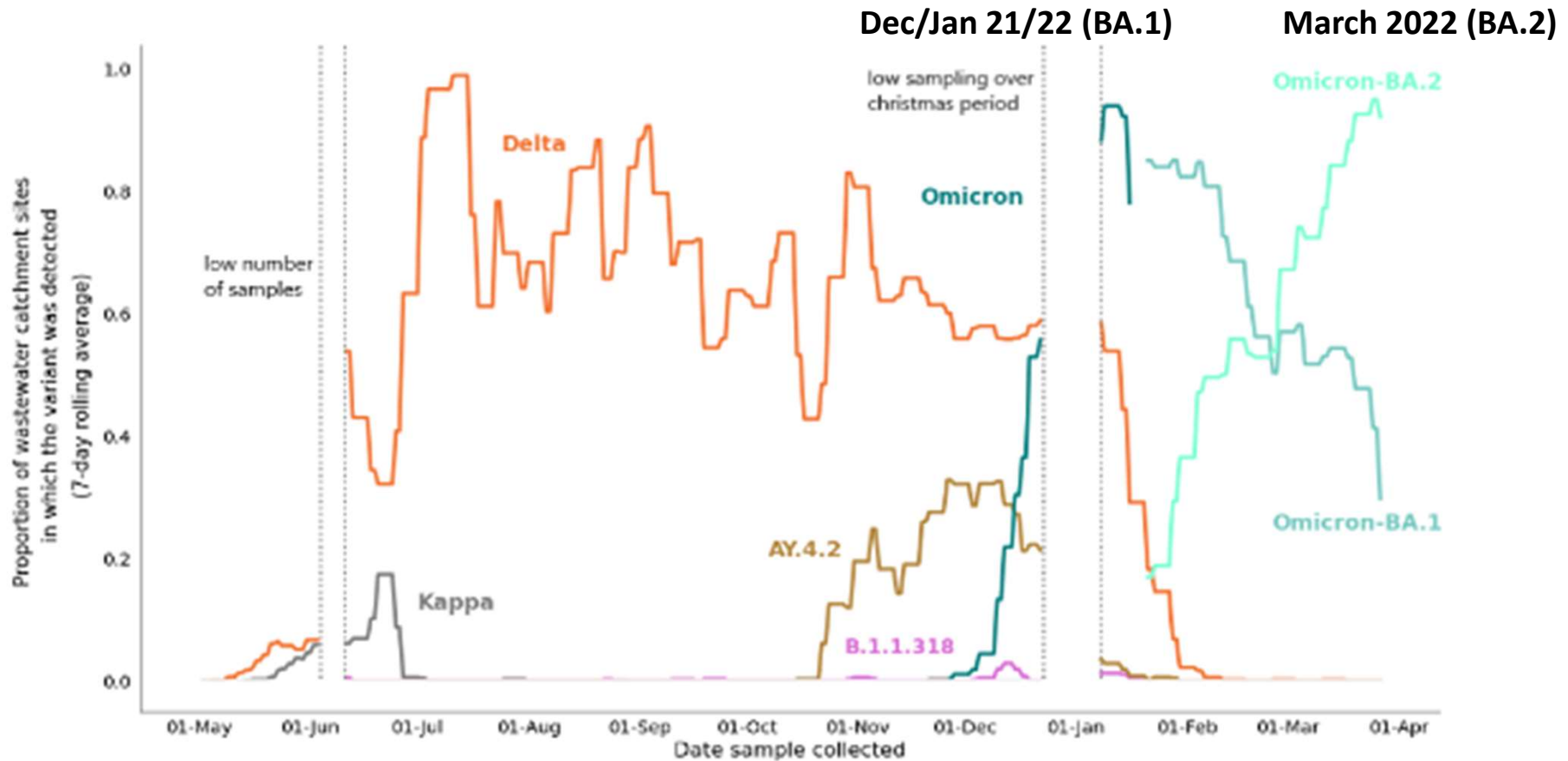
Data showing the concentration of SARS-CoV-2 RNA and variants of concern (VOC) and variants under investigation (VUI) detected in wastewater by the Environmental Monitoring for Health Protection (EMHP) wastewater monitoring programme.

The EMHP SARS-CoV-2 wastewater monitoring programme was scaled down and paused at the end of March 2022. Wastewater Based Epidemiology is likely to be of significant importance in the future, both domestically and internationally, and we are exploring further opportunities for this technology.

These publications are therefore being discontinued. Transparency data covering the time period up to the end of March 2022 is included in this publication after which regular publications will cease. Any future ad-hoc transparency publications will be announced in advance on this page and on the Statistics at UKHSA page.

Viral load of Covid RNA in wastewater in England...

Variant surveillance was also possible



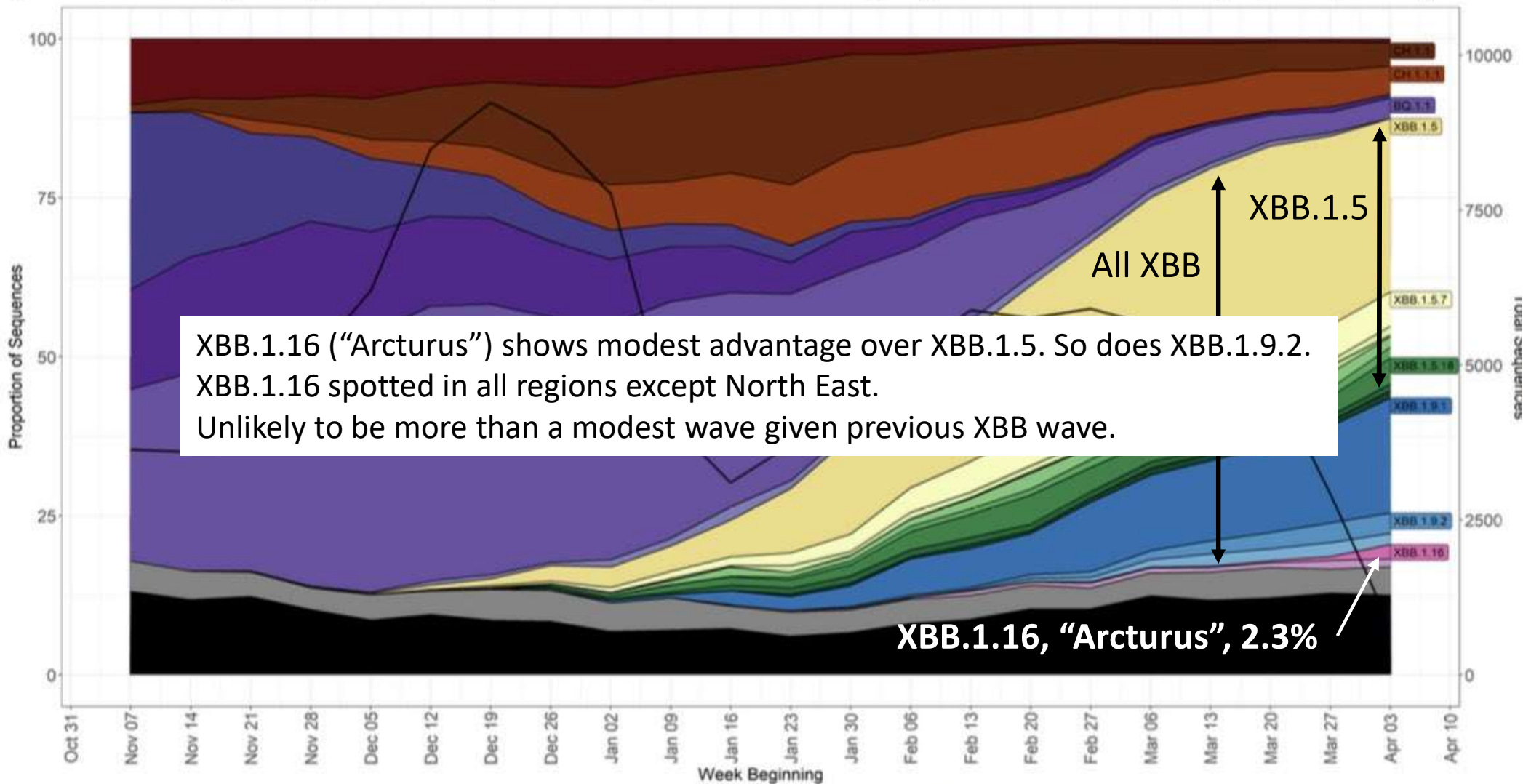
From <https://www.gov.uk/government/publications/monitoring-of-sars-cov-2-rna-in-england-wastewater-monthly-statistics-15-july-2020-to-30-march-2022/emhp-wastewater-monitoring-of-sars-cov-2-in-england-15-july-2020-to-30-march-2022>

Variant update
Last routine UKHSA report

Current lineages in the UK: UKHSA variant report

Omicron XBB lineages dominate. Growing are XBB.1.9* and XBB.1.16 (“Arcturus”).

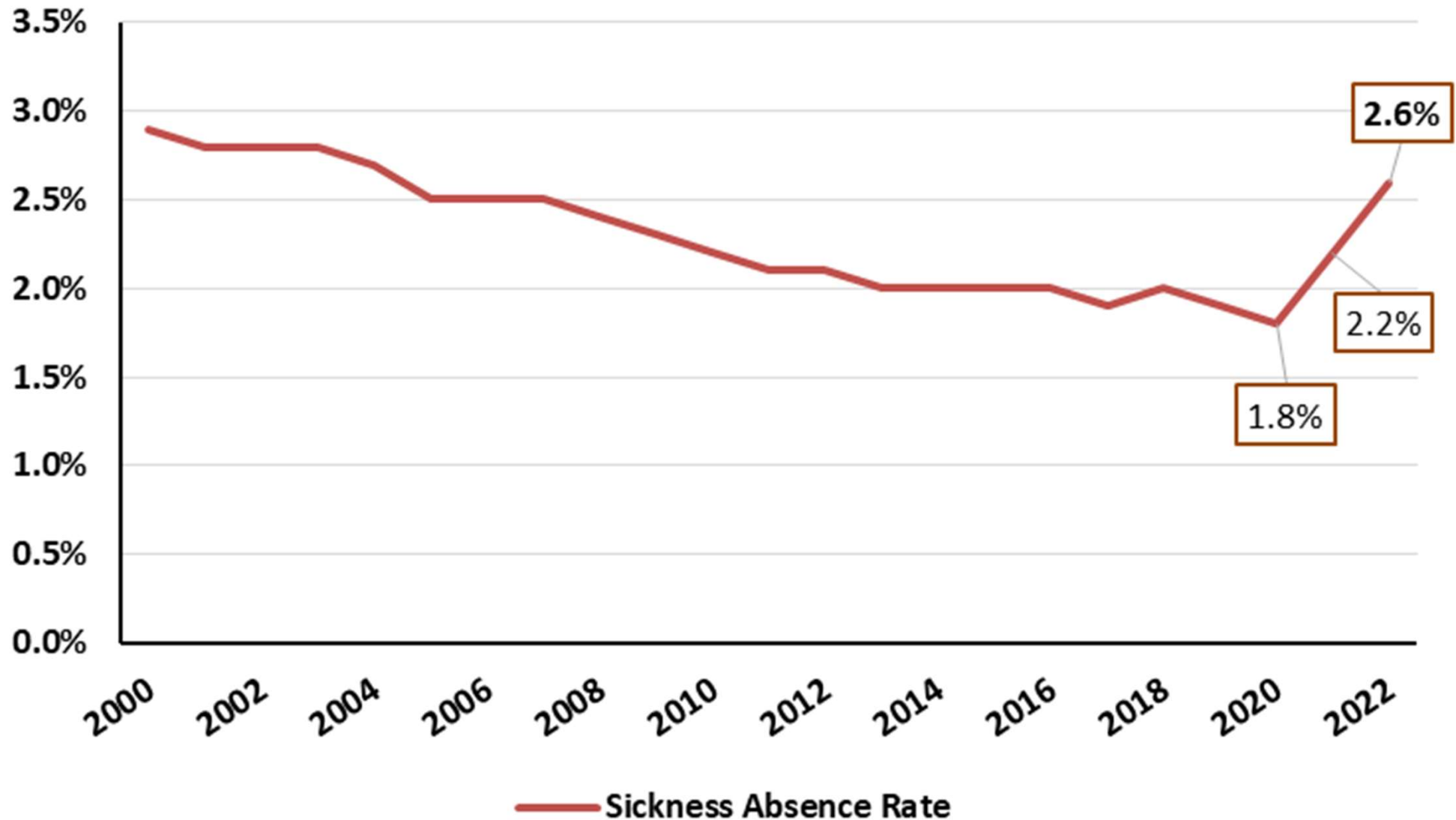
Figure 5. Prevalence of Pangolin lineages in the UK with sequence data with a specimen date from week beginning 7 November 2022 to week beginning 3 April 2023, as of 18 April 2023



Work absence 2022

UK Sickness Absence Rate: 2000 to 2022

(Source: Sickness absence in the UK labour market report, April 2023)

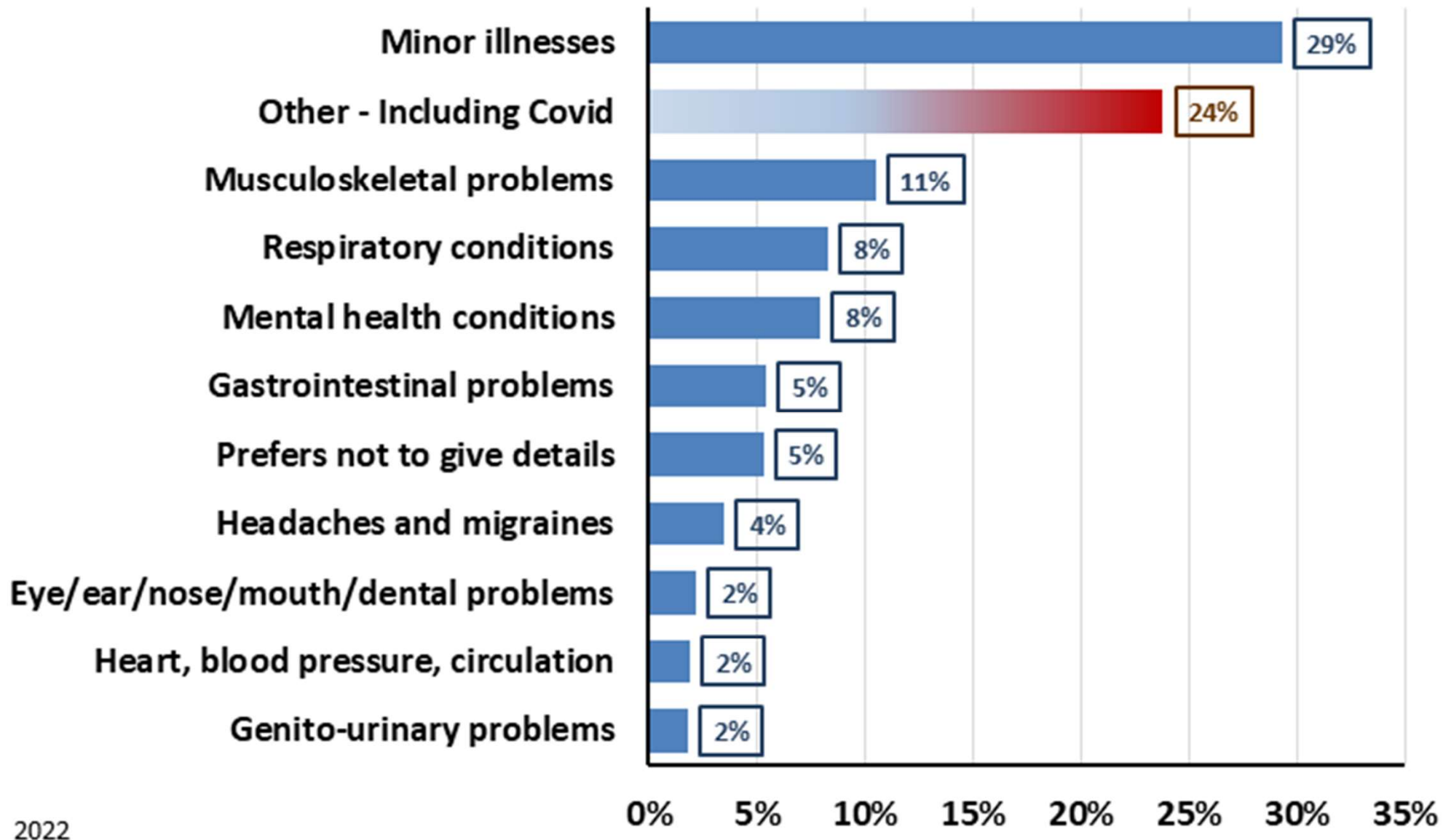


<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/datasets/sicknessabsenceinthelabourmarket>

Thank you to Bob Hawkins for the chart

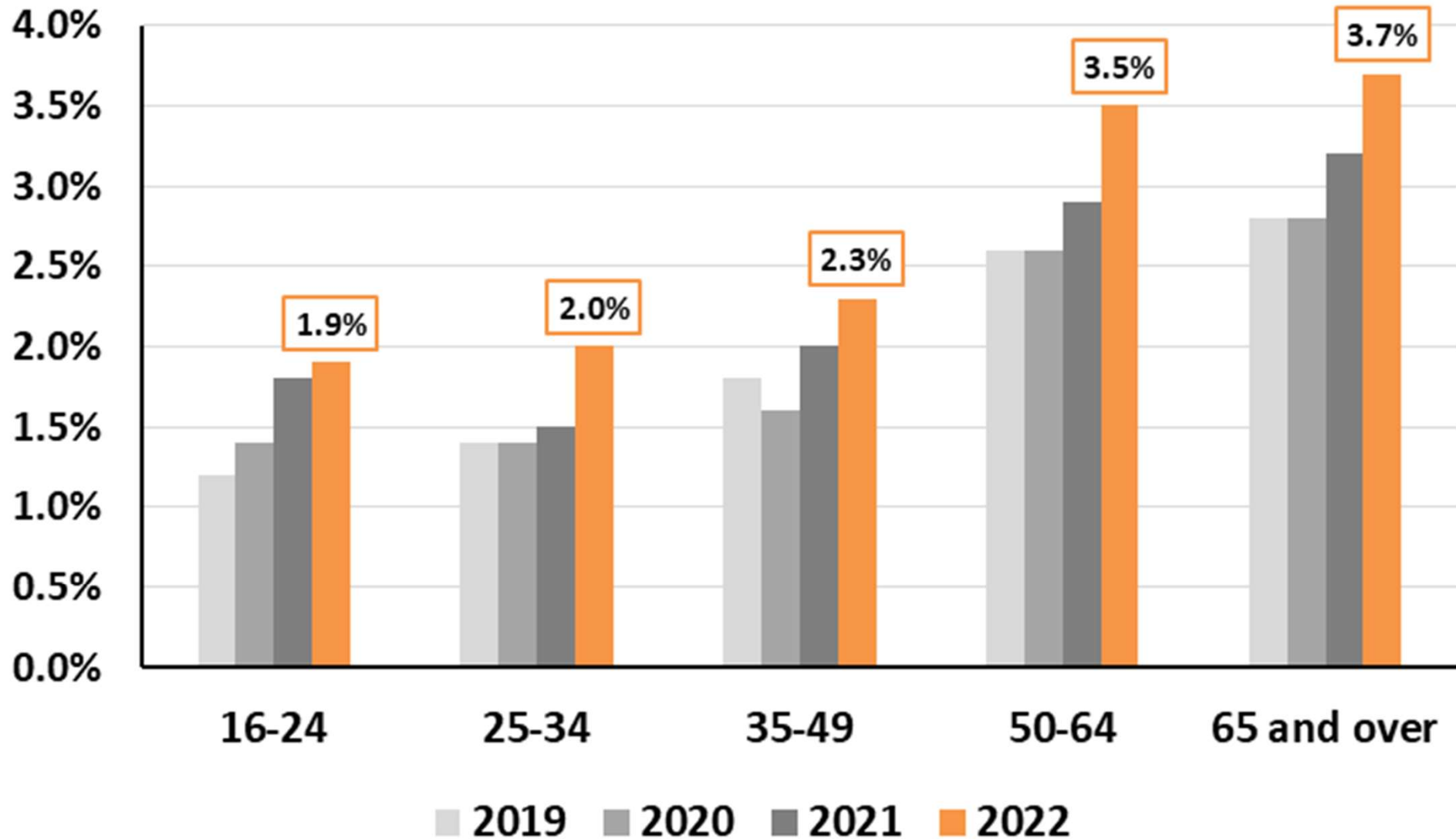
Main Reasons for Sickness Absences in the UK for 2022

(Source: Sickness absence in the UK labour market report, April 2023)



UK Sickness Absence Rate by Age: 2019 to 2022

(Source: Sickness absence in the UK labour market report, April 2023)

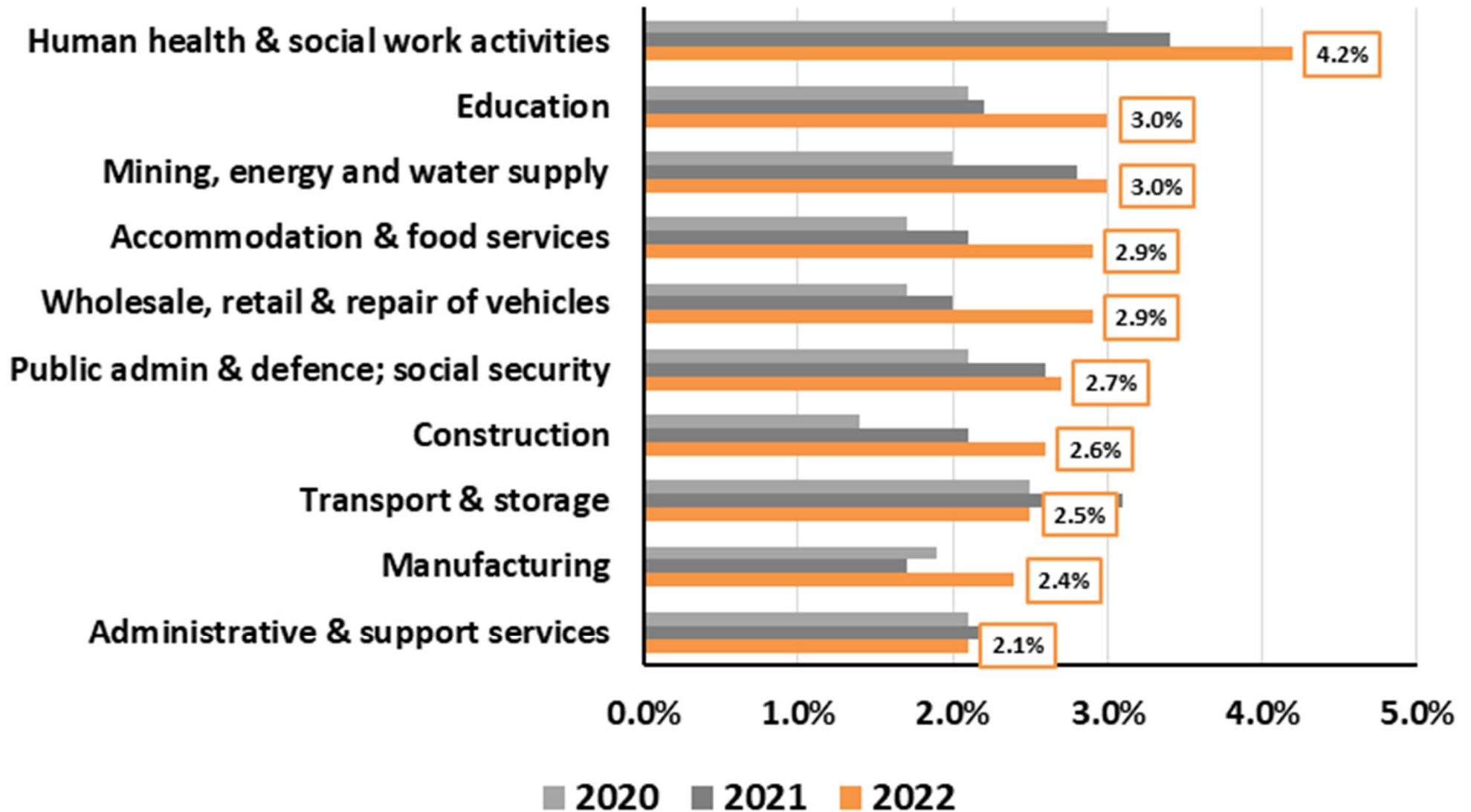


<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/datasets/sicknessabsenceinthelabourmarket>

Thanks to Bob Hawkins for the chart

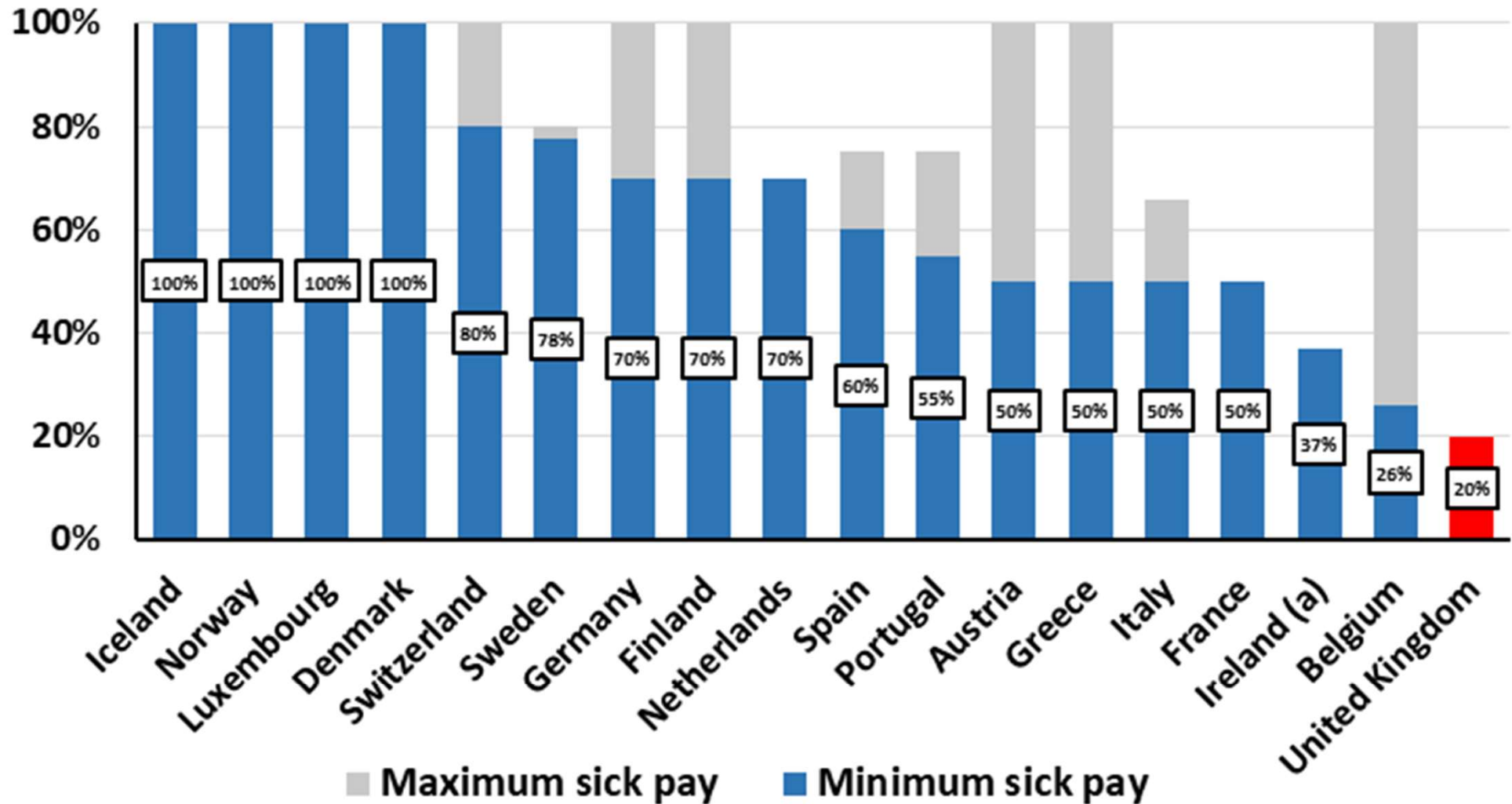
UK Sickness Absence Rate by Industry: 2020 to 2022

(Source: Sickness absence in the UK labour market report, April 2023)



Statutory Sick Pay as a Percent of Earnings by Country

(Source: The Compensation Expert Report, May 2021)



Memo. (a) Ireland currently has no Statutory Sick Pay but pays a Covid sickness benefit

<https://the-compensation-experts.co.uk/news/european-sick-pay/>

Thanks to Bob Hawkins for the chart

SUMMARY

- Spring boosters are underway for the over 75s and immunocompromised
- Looks as if we are on a downward trend right now. “Arcturus” variant is here and growing, but slowly at the moment. Unless that changes, unlikely to cause a big wave.
- NHS still in a bad place
- Scotland and Wales are continuing wastewater monitoring for Covid-19 which can be helpful in spotting waves. England stopped in 2022. NI doesn't seem to be doing it either.
- 2022 saw highest rate of workforce sickness in almost 20 years.