



Cabinet Office

COVID-19 RESPONSE - SPRING 2021

Data Annex

22 February 2021



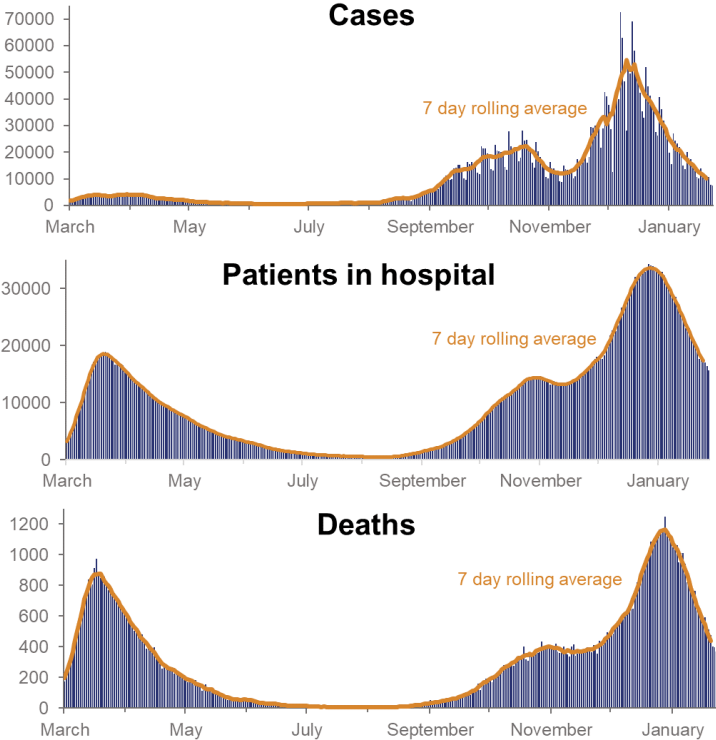
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Charts from COVID-19 RESPONSE - SPRING 2021

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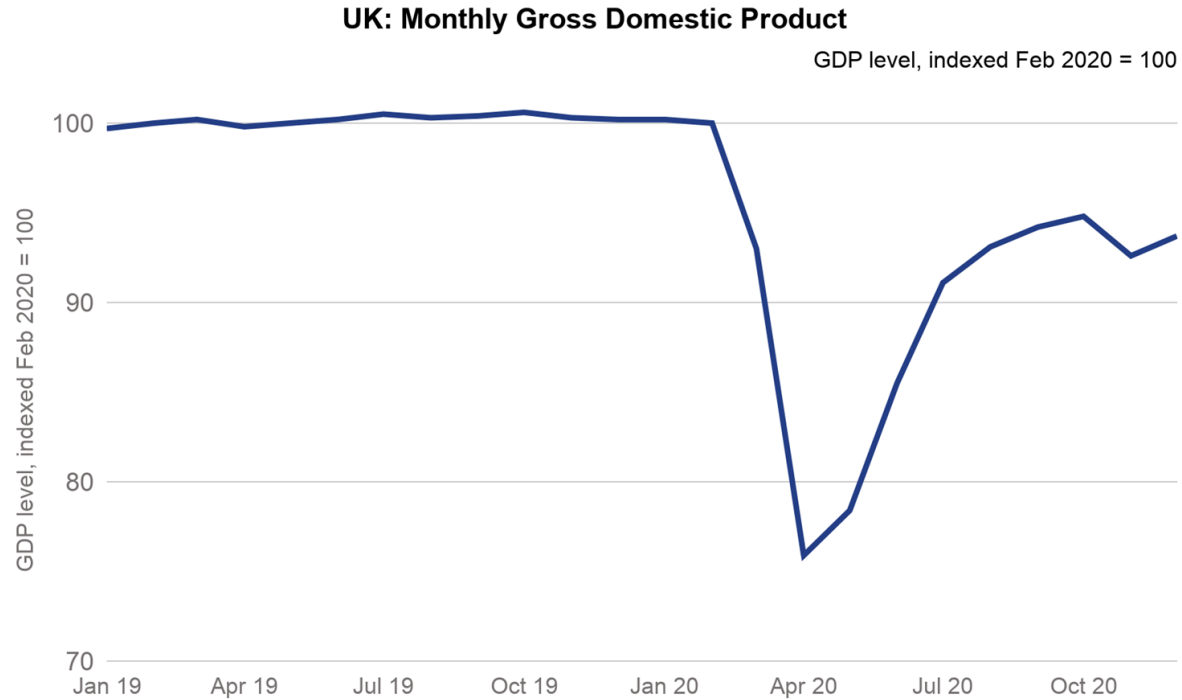
England: cases by specimen date, patients in hospital and deaths within 28 days of positive test by date of death



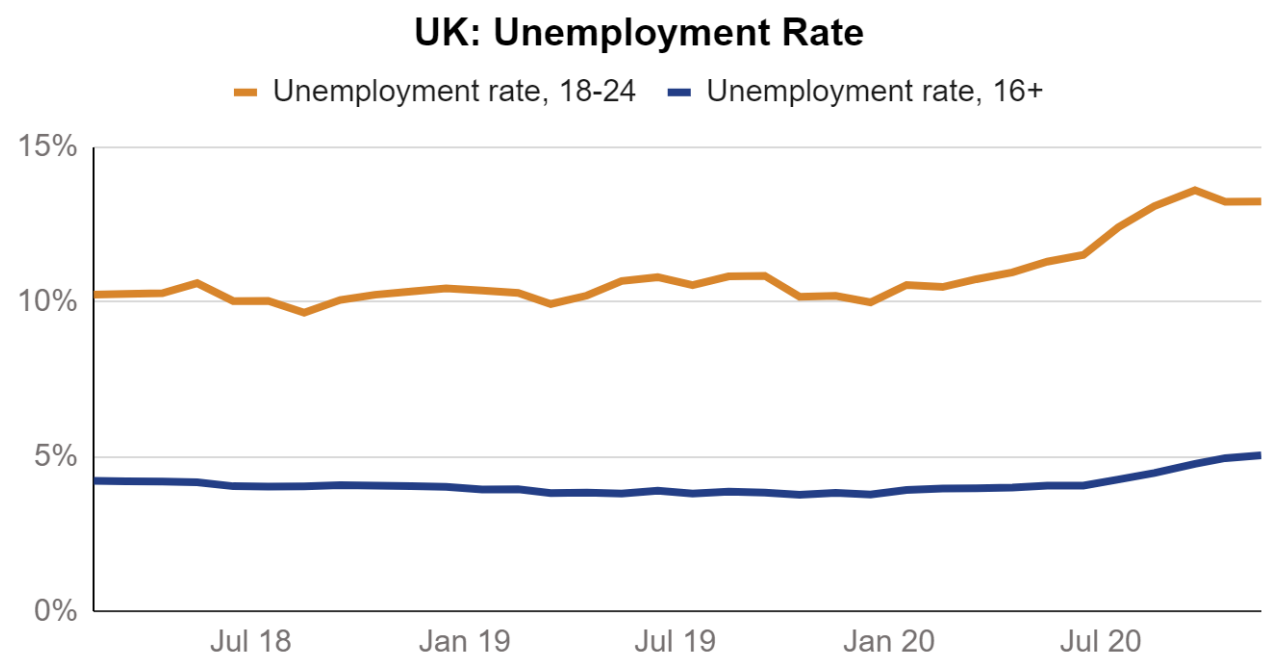
Source: Coronavirus.data.gov.uk Daily Update at: <https://coronavirus.data.gov.uk/>

7-day averages calculated using England cases by specimen date, patients in hospital and deaths within 28 days by date of death data

Caveat: Testing capacity has increased since the first peak which has had a large effect on the number of cases recorded. This also has an impact on the data on deaths and to a lesser extent patients in hospital.

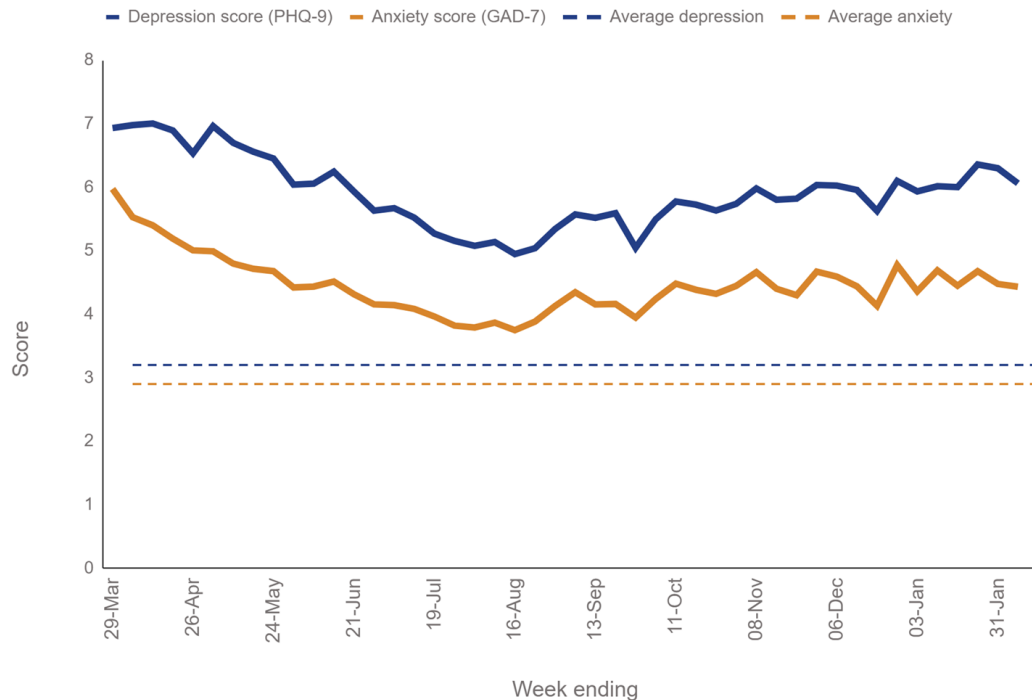


Source: ONS, [GDP monthly estimate: UK](#), 12 February 2021.



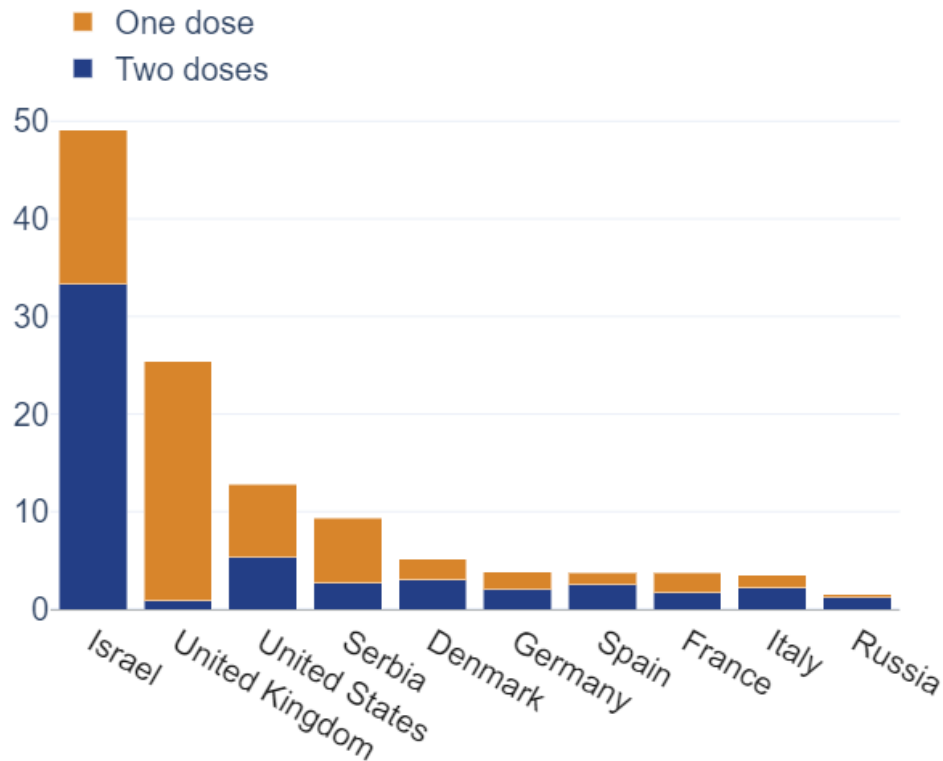
Source: ONS, [Employment in the UK](#), 26 January 2021.

UK: Adult depression and anxiety levels compared to pre-pandemic averages

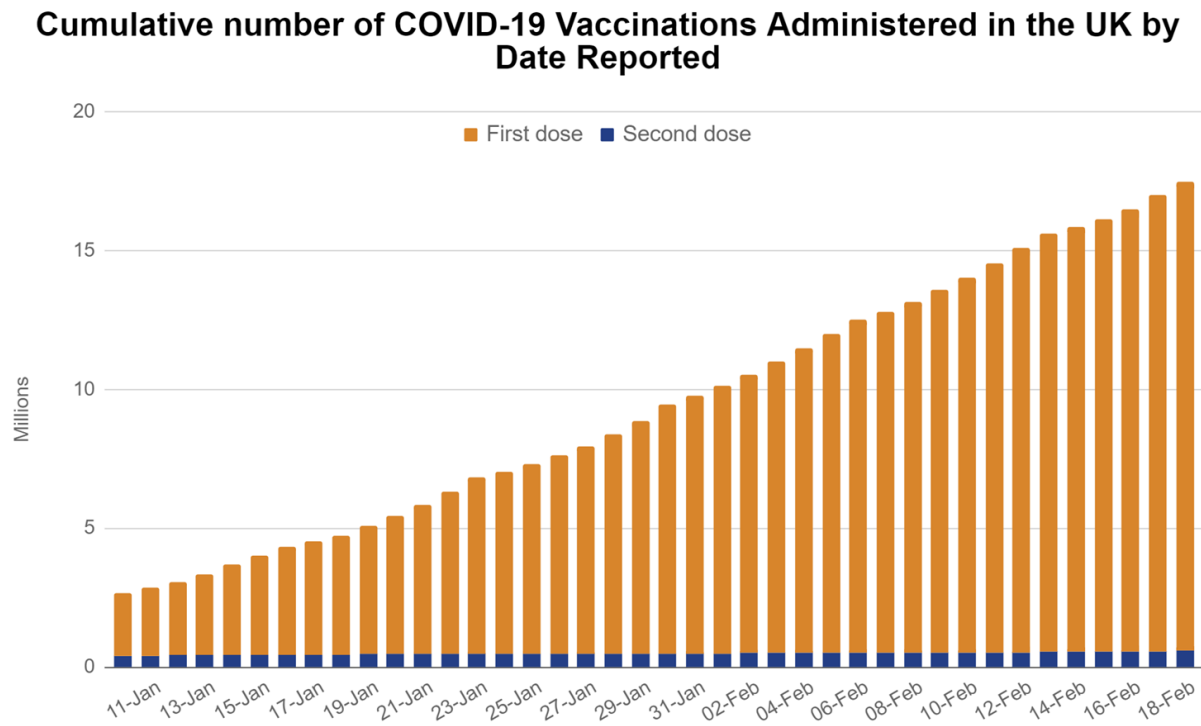


Source: UCL, Covid19 Social Study
Results Release 30, Published February 2021,
https://b6bdc03332c4ff98b9d28f9c957493a.filesusr.com/ugd/3d9db5_4ddc07e7ddaa463f87224e71840d4fac.pdf

Proportion (%) of population vaccinated in comparator countries



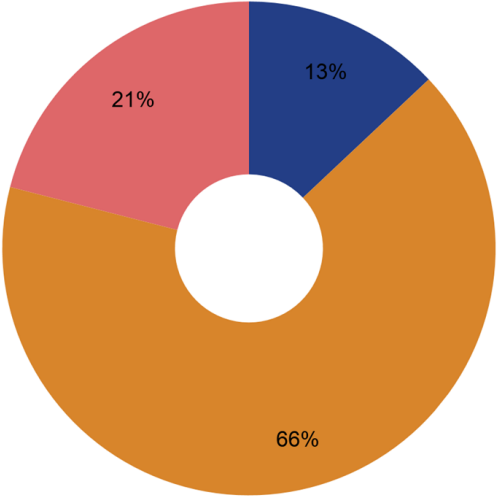
Source: Coronavirus.data.gov.uk Daily Update at: <https://coronavirus.data.gov.uk/>, Our World in Data: <https://ourworldindata.org/covidvaccinations>



Source: <https://coronavirus.data.gov.uk/details/vaccinations>

Illustration of potential vaccine coverage across the population (assuming full uptake)

- Those who are vaccinated but may not be protected
- Those who are vaccinated and may be protected
- Those who are ineligible for a vaccine



Source: Adapted from 210217 SPI-M-O summary of modelling on roadmap scenarios. Illustration of potential vaccine coverage. Figure demonstrates a steady state of vaccine effectiveness, once vaccines are fully rolled out. This is not a projection and assumes 100% uptake by those eligible (i.e. no hesitancy). Assumes 84% vaccine efficacy against severe disease. Assumes that vaccine efficacy in SPI-M-O summary is equivalent to real-world vaccine effectiveness. “Ineligible” group is mostly those under 18 years of age.



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ADDITIONAL DATA ANNEX

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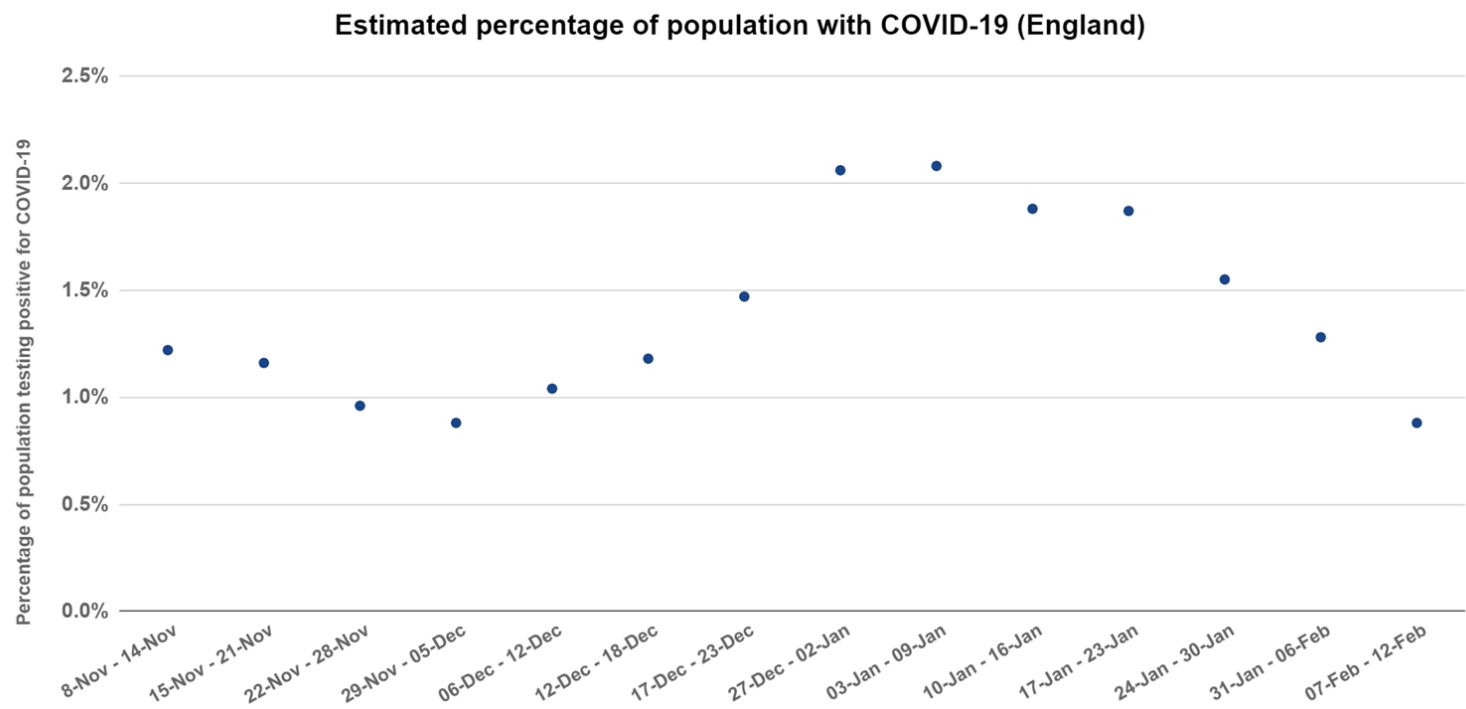
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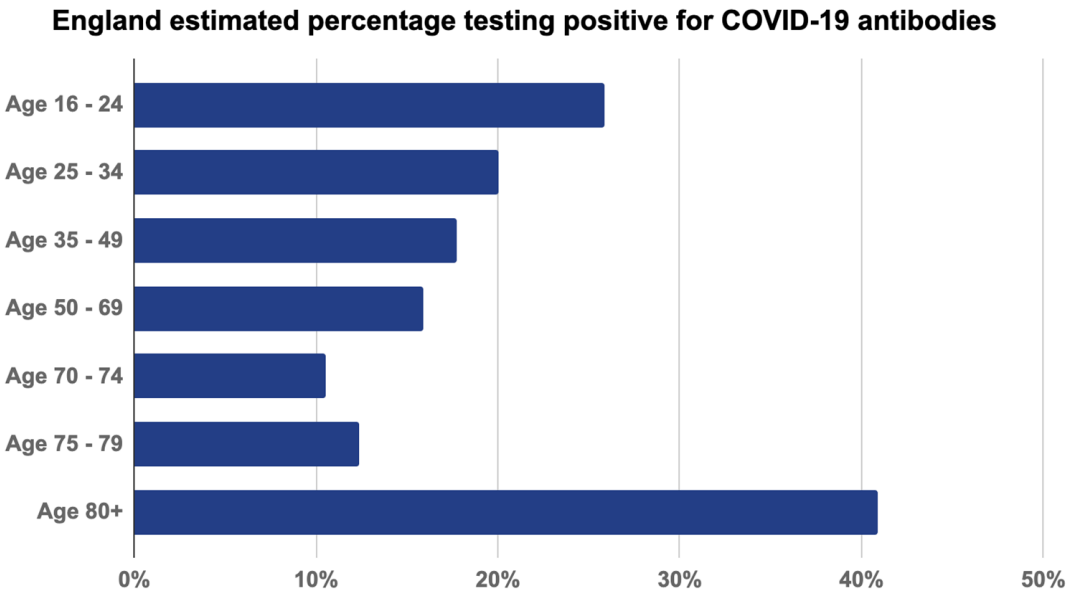
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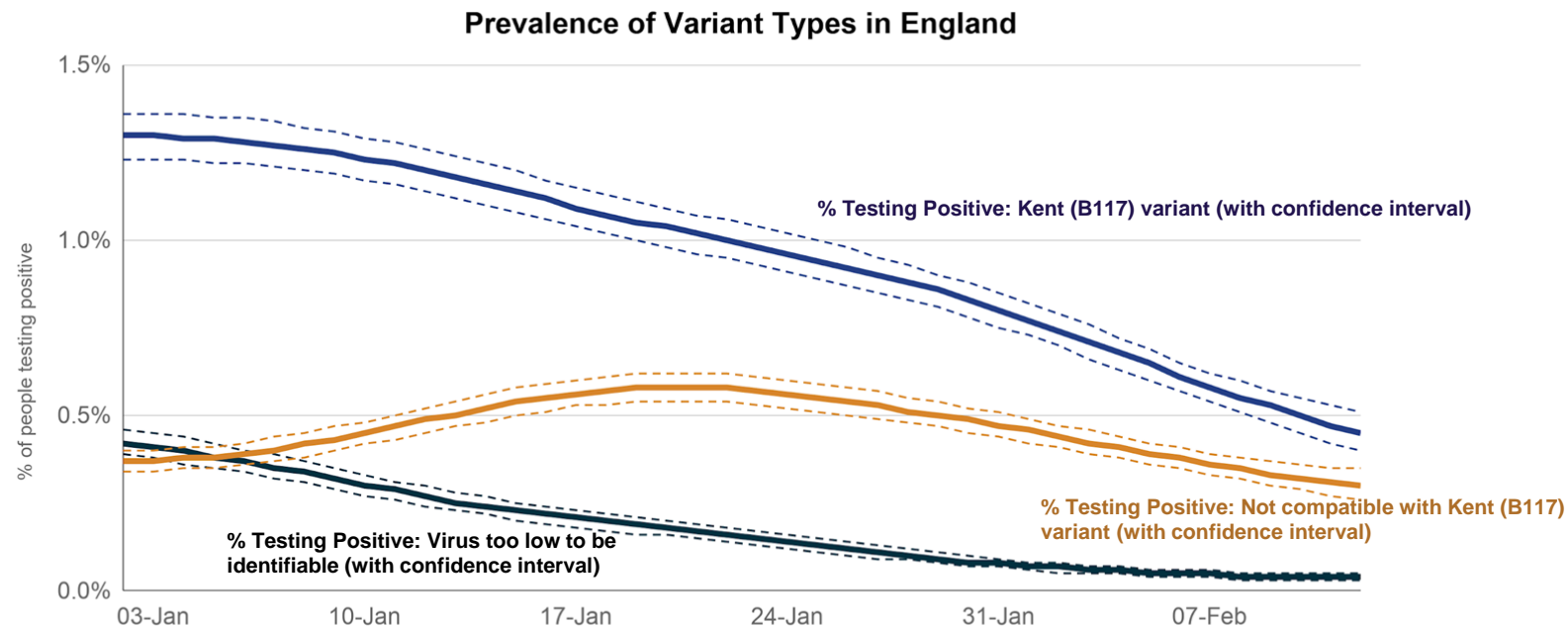
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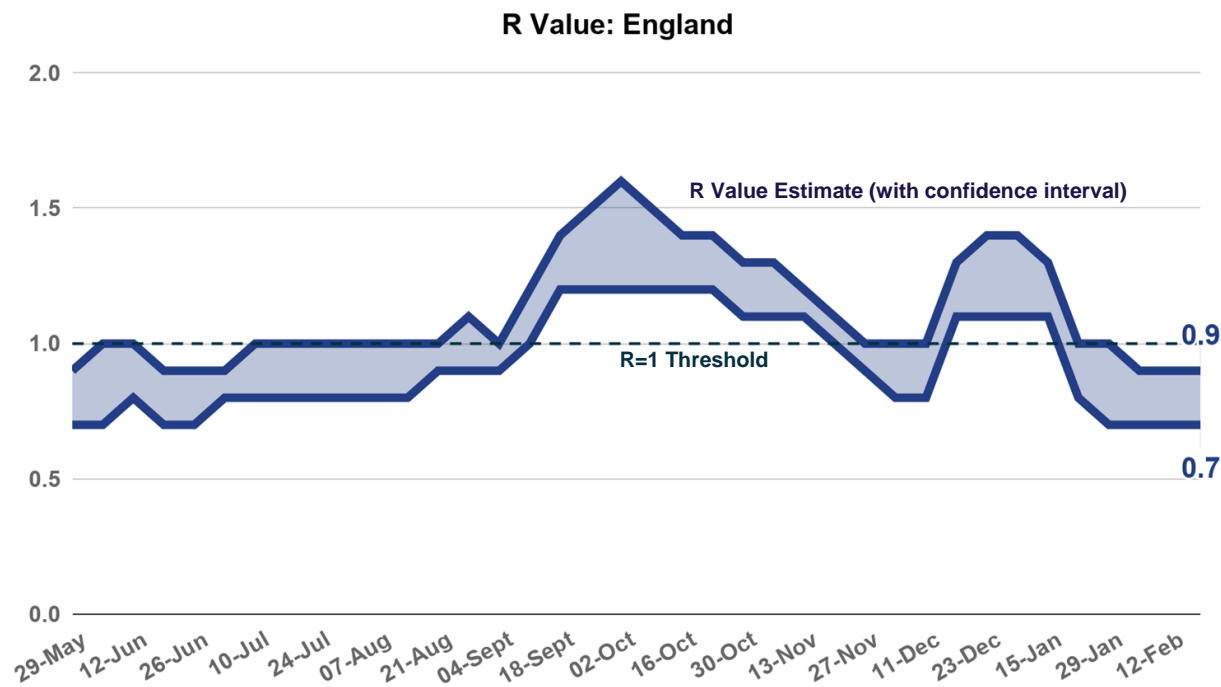
Source: Weekly publication at ONS, Coronavirus (COVID19) Infection Survey.
<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveysurvey/19february2021>



Source: Weekly publication. ONS, Coronavirus (COVID19) Infection Survey (16 February 2021)
<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/articles/coronaviruscovid19infectionsurveyantibodydatafortheuk/16february2021#regional-analysis-of-the-likelihood-of-testing-positive-for-covid-19-antibodies-in-england>

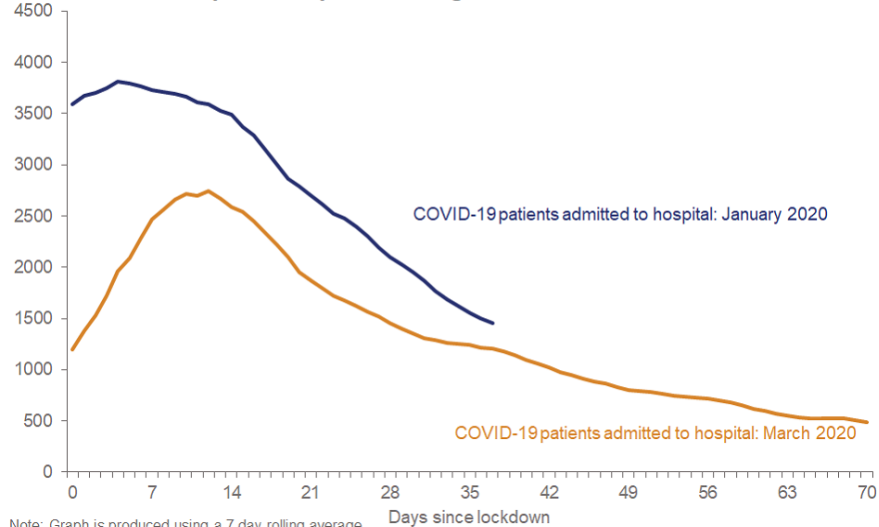


Source: Weekly Publication. ONS, Coronavirus (COVID19) Infection Survey (19 February 2021), <https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata>

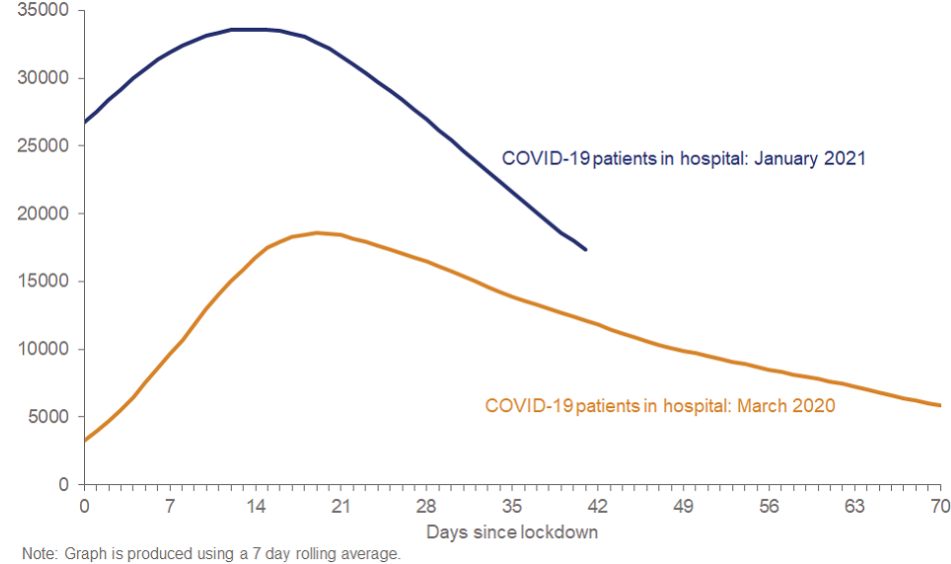


Source: DHSC & SAGE, <https://www.gov.uk/guidance/the-r-number-in-the-uk>

England: COVID-19 patients admitted to hospital compared to the equivalent point during the March 2020 lockdown

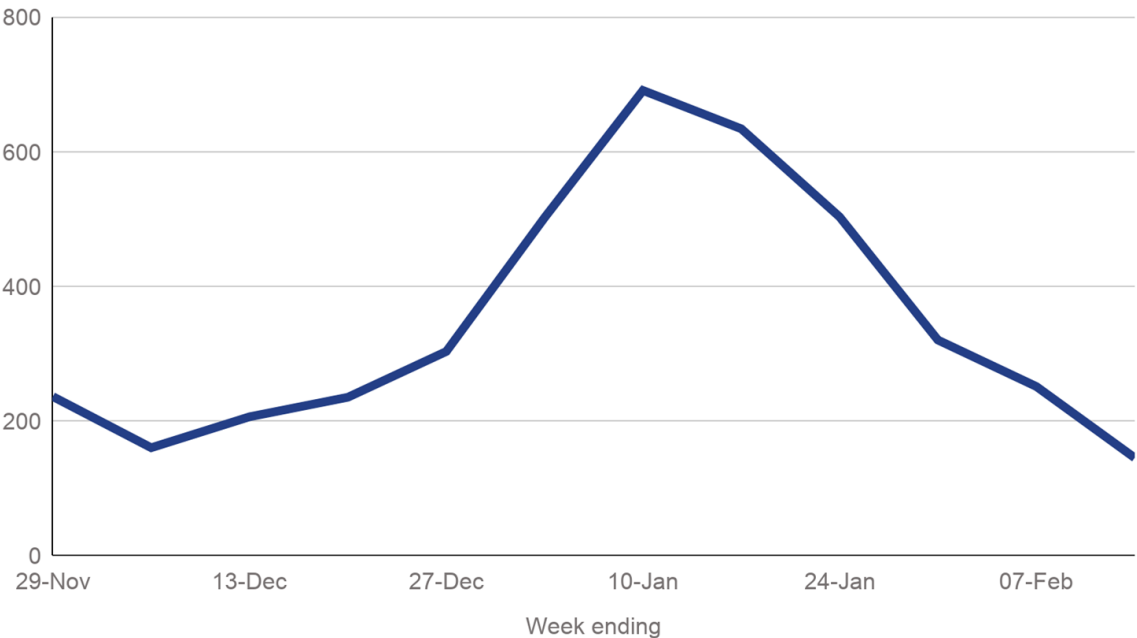


England: COVID-19 patients in hospital compared to the equivalent point during the March 2020 lockdown



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

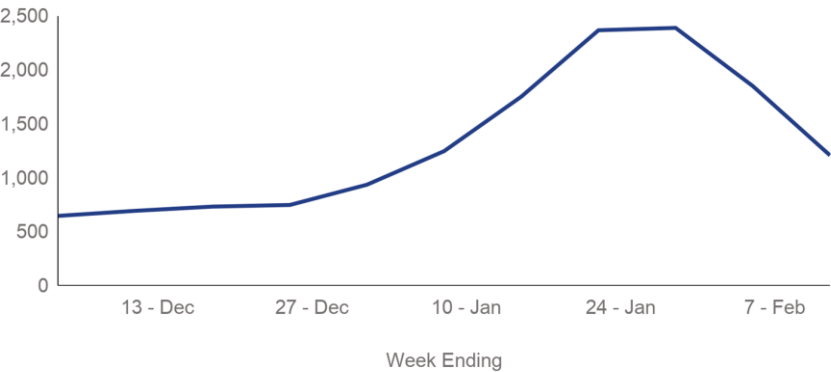
England: Total new COVID-19 incidents recorded in care homes



Note: A COVID-19 incident is a suspected outbreak, reported by a care home to the local PHE Health Protection Team, and including at least 1 confirmed COVID-19 case

Source: Weekly Publication at PHE, Weekly national Influenza and COVID19 surveillance report, <https://www.gov.uk/government/statistics/nationalfluandcovid19surveillancereports>

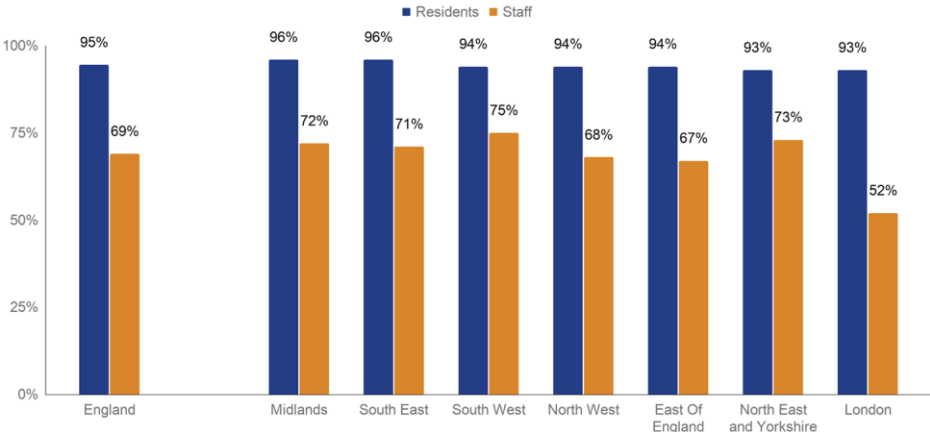
England: Deaths involving COVID-19 of care home residents



Source: Weekly Publication at ONS, Number of deaths in care homes notified to the Care Quality Commission, England, <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/numberofdeathsincareshomesnotifiedtothecarequalitycommissionengland> (Table 4)

1. Data provided by Care Quality Commission.
2. Figures are for deaths CQC are notified of on the days specified. Figures only include deaths that were notified by 12 Feb 2021, and may be an underestimate due to notification delays.
3. Figures are for persons who were resident in a care home.

England: Percentage of residents and staff of older adult care homes vaccinated (first dose) by region

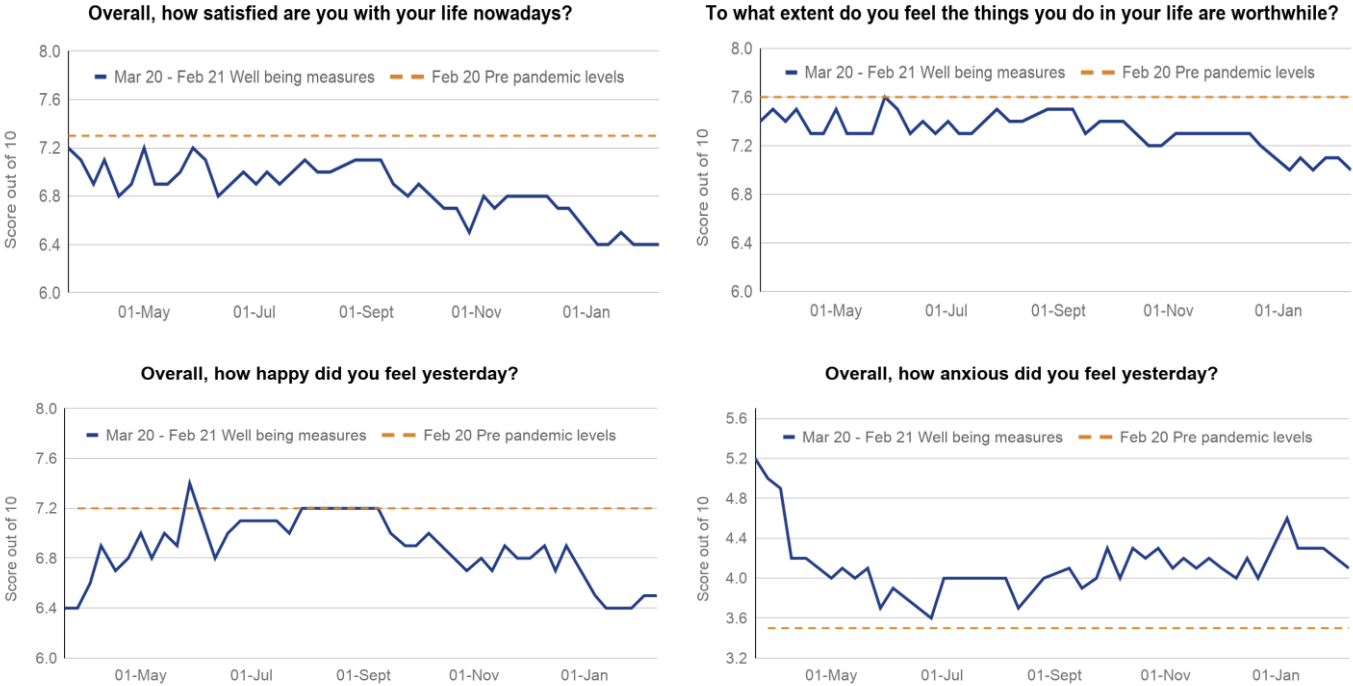


Source: COVID-19 weekly announced vaccinations 18 February 2021, Vaccinations by Care Homes, NHS Statistics,

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

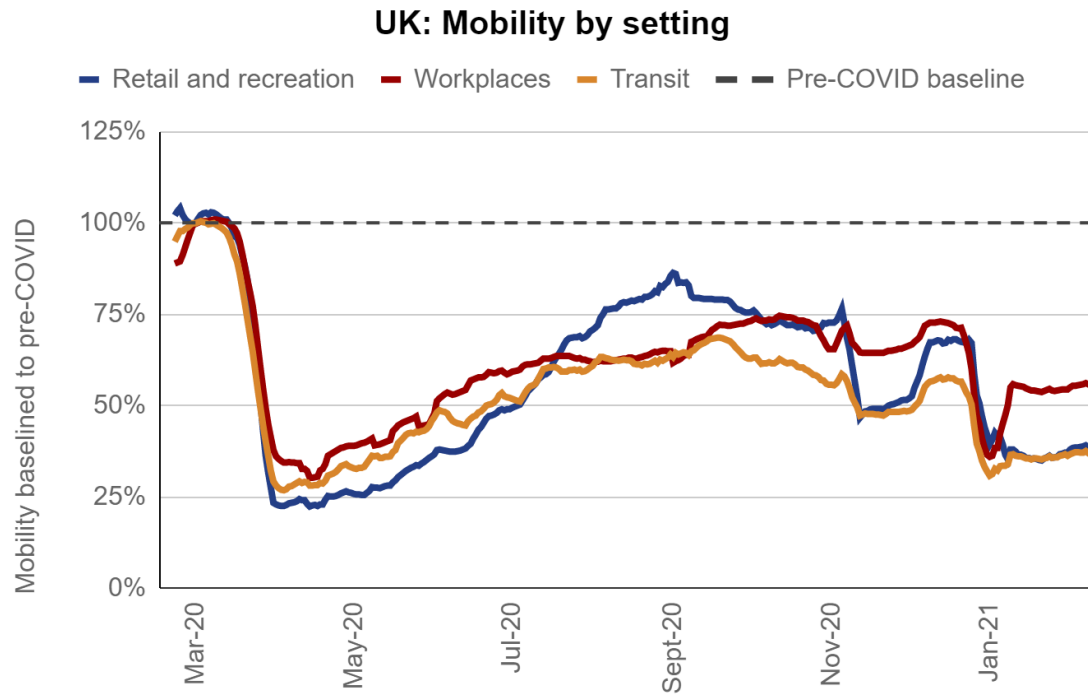
1. Data covers the period from the 8th December 2020 to the 14th February 2021 (11:59pm)
2. Percentage calculated from the total number of **eligible** residents and staff: this is the total number of residents and staff in care homes serving older people excluding those who have tested positive for COVID-19 in the last 28 days and cannot currently be vaccinated, and excluding a small number living in care homes which currently are not serving older people.

GB: Mental wellbeing scores compared to pre-pandemic levels

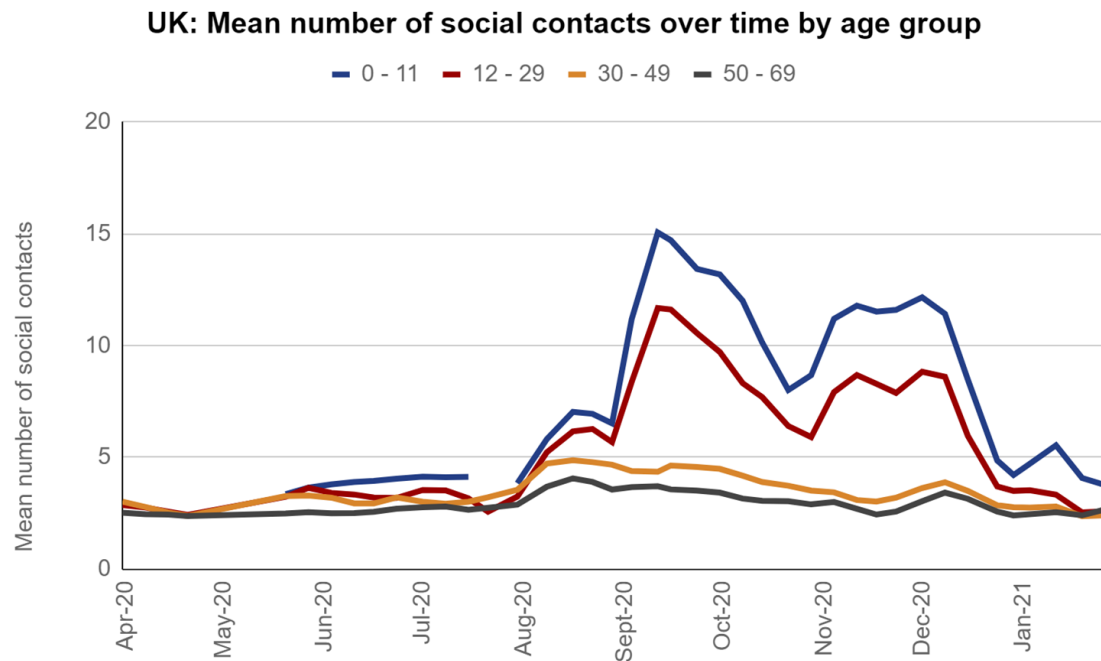


1. These questions are answered on a scale of 0 to 10, where 0 is “not at all” and 10 is “completely”.

Source: Office for National Statistics – [Opinions and Lifestyle Survey](#)

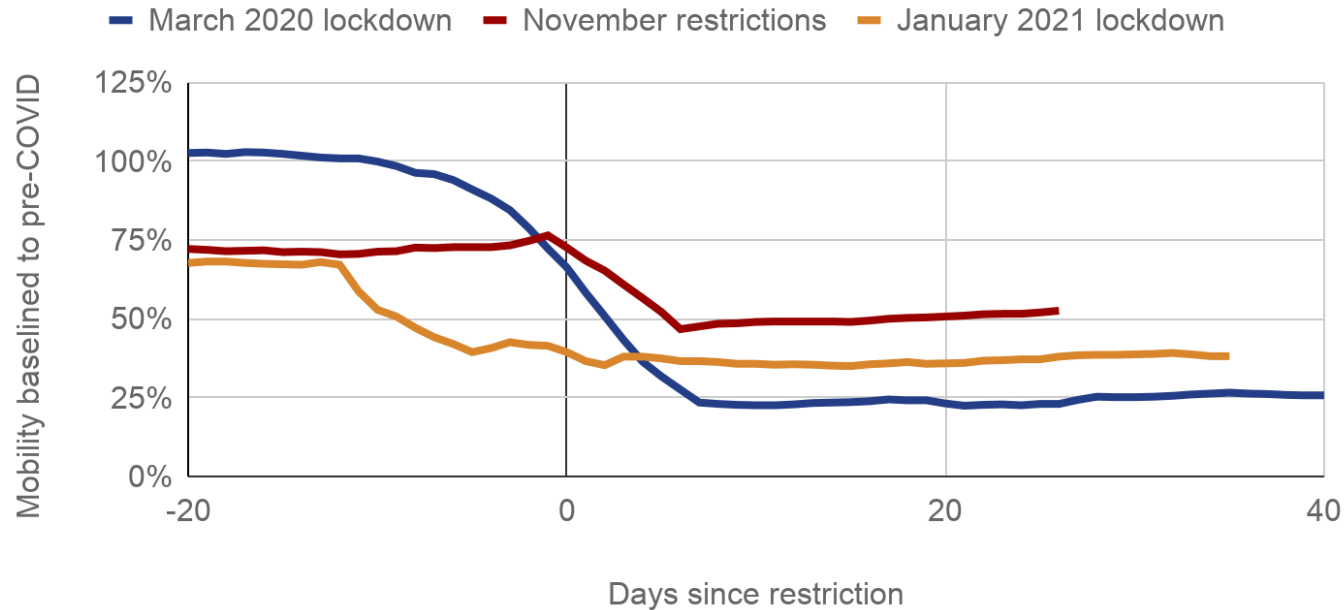


Source: Google Mobility Data <https://www.google.com/covid19/mobility/>



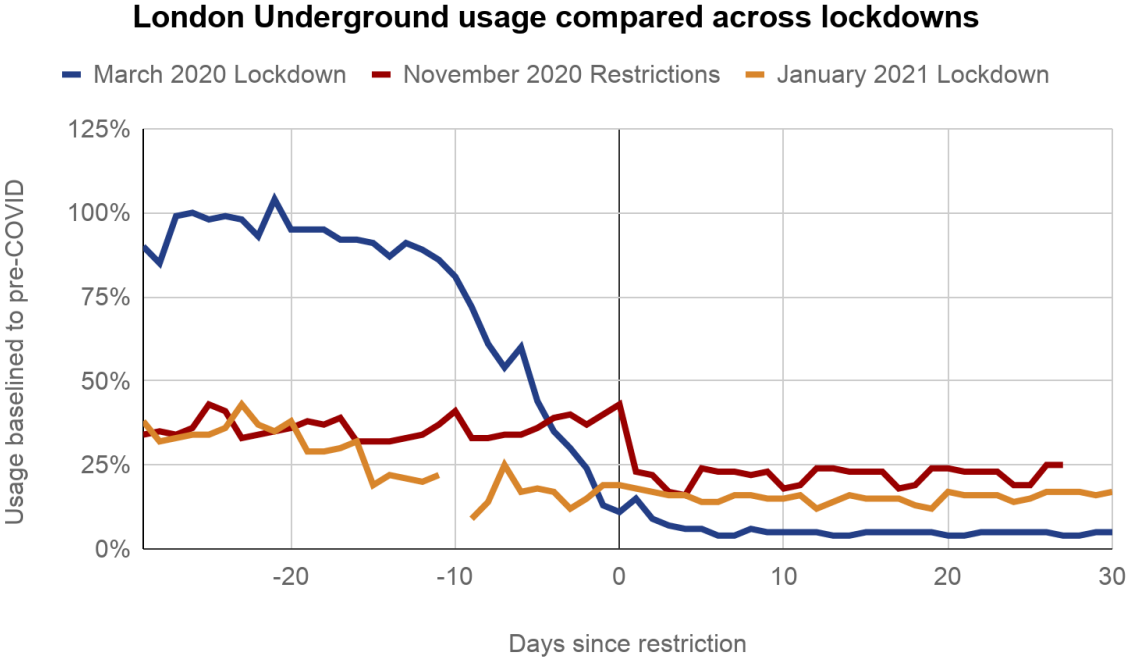
Source: CoMix, LHSTM <https://bmcmmedicine.biomedcentral.com/articles/10.1186/s12916020015978>

UK: Mobility in retail and recreation locations across lockdowns



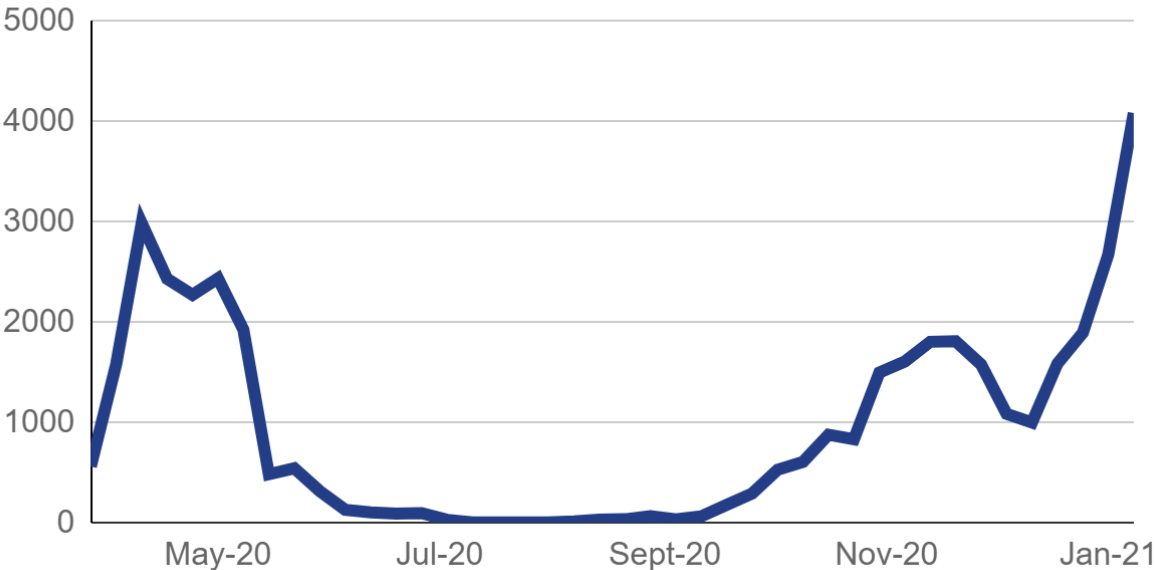
Note: Data is shown as a 7 day rolling average

Source: Publication at Google Mobility, COVID19 Community Mobility Reports, <https://www.google.com/covid19/mobility/>



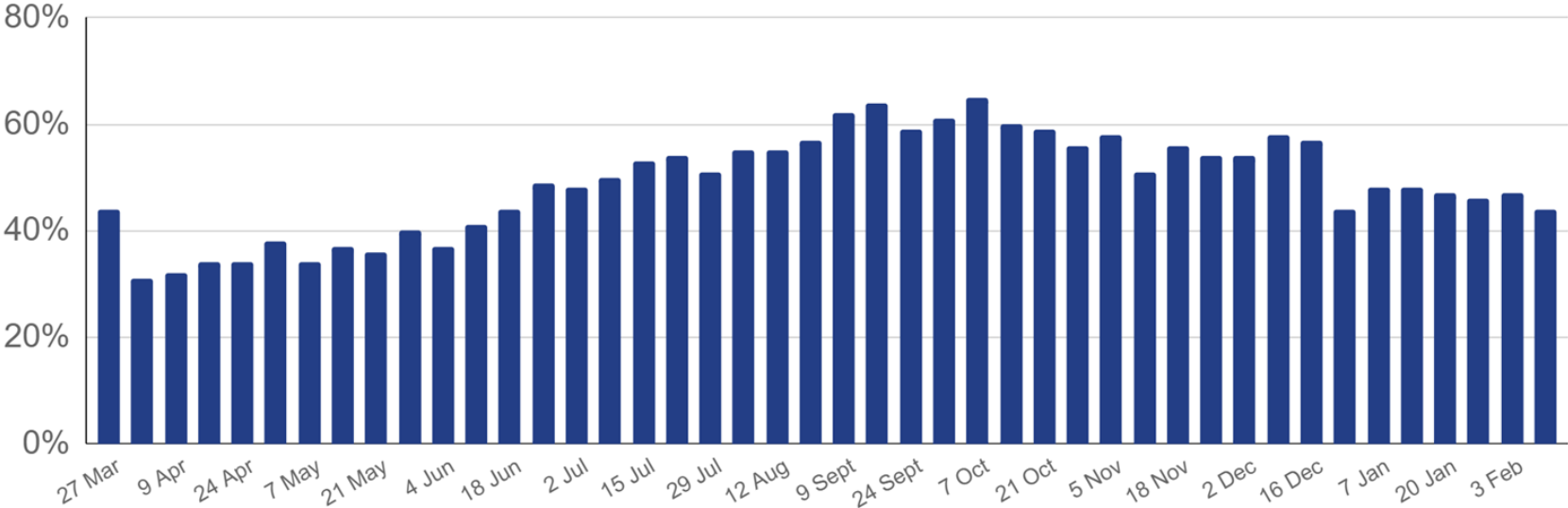
Source: Weekly Publication at DfT, Transport use during the coronavirus (COVID19) pandemic,
<https://www.gov.uk/government/statistics/transportuseduringthecoronaviruscovid19pandemic>

Weekly count of fixed penalty notices issued by Police in England to Individuals

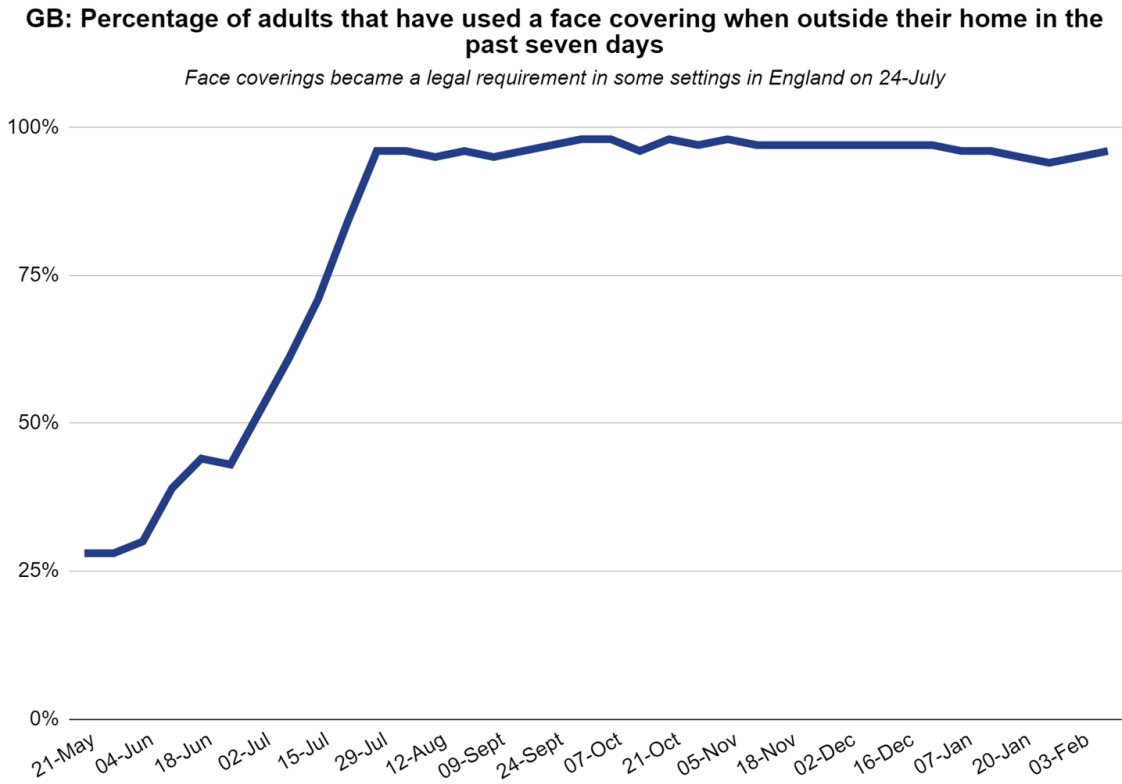


Source: NPCC, <https://news.npcc.police.uk/releases/crime-trends-and-penalty-notices-issued-under-covid-regulations-update>

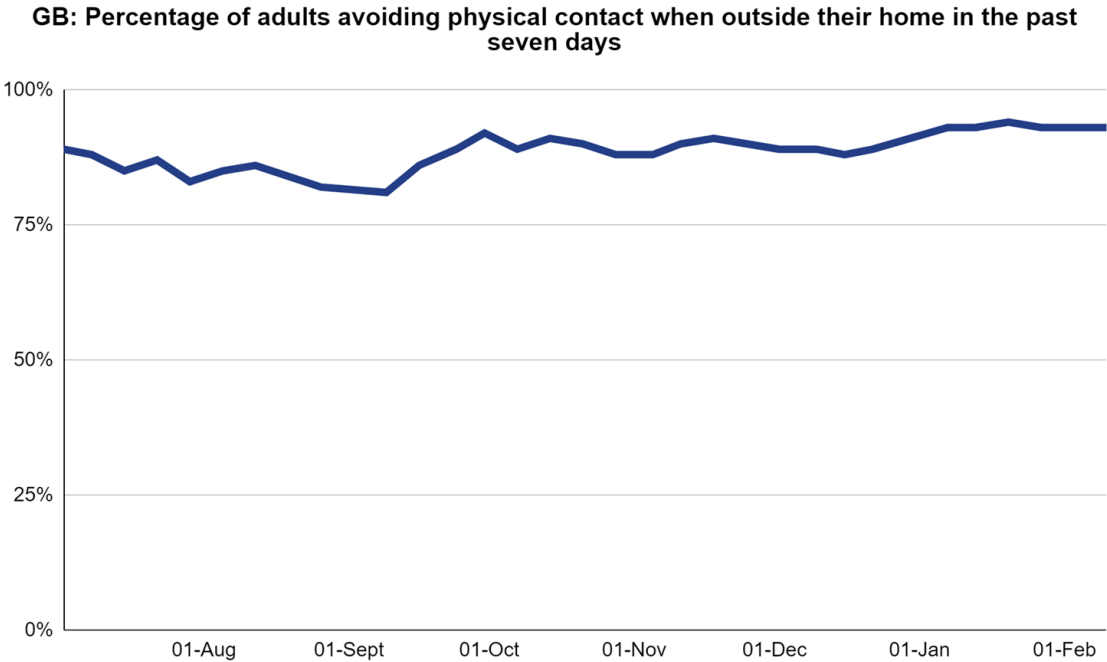
GB: Percentage of workers who travelled to work in the last 7 days



Source: [ONS Opinions and Lifestyle Survey](#), 12 Feb 2021, Date refers to first day of survey



Source: Weekly Publication. [ONS, Coronavirus and the social impacts of Great Britain](#), date refers to start of weekly survey period



Source: Weekly Publication. [ONS, Coronavirus and the social impacts on Great Britain](#), start of weekly survey period

UK: Monthly Gross Domestic Product

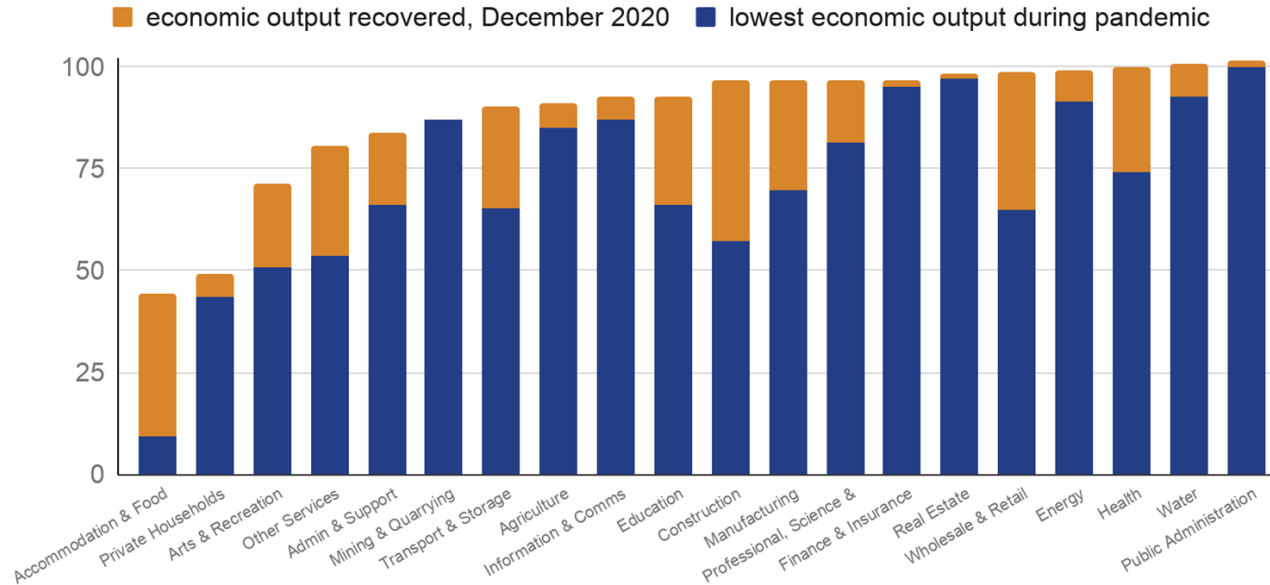
GDP level indexed, Feb 2020 = 100



Source: ONS, [GDP monthly estimate: UK](#), 12 February 2021

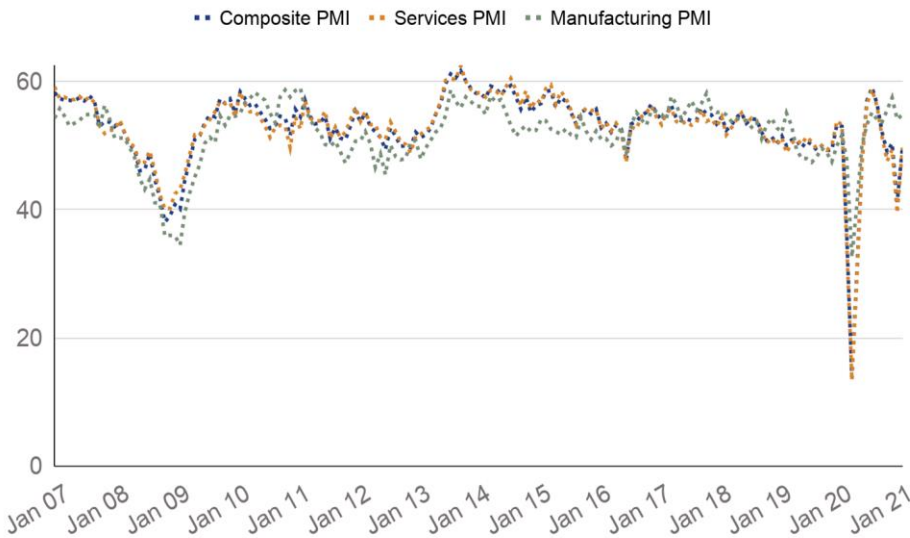
UK: Sectoral output

relative output level, Feb 2020 = 100



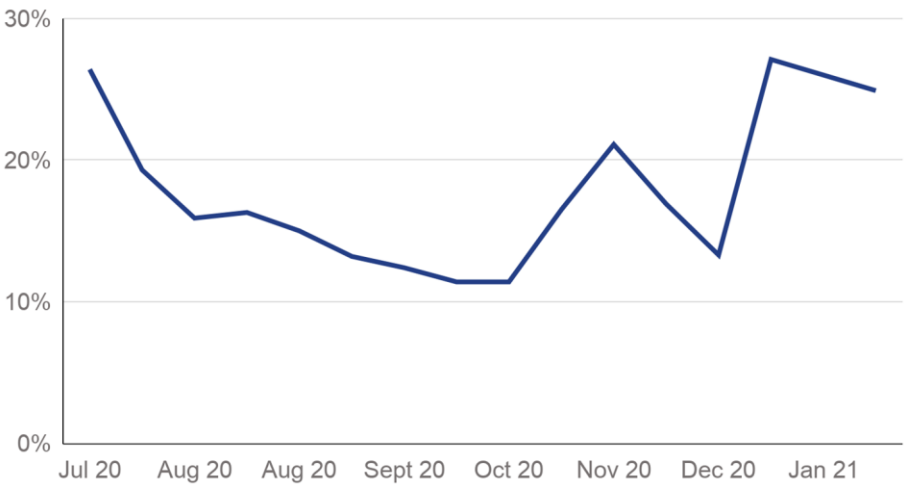
Source: ONS, [GDP monthly estimate: UK](#), 12 February 2021

UK Purchasing Managers' Index (PMI) business survey: private sector activity

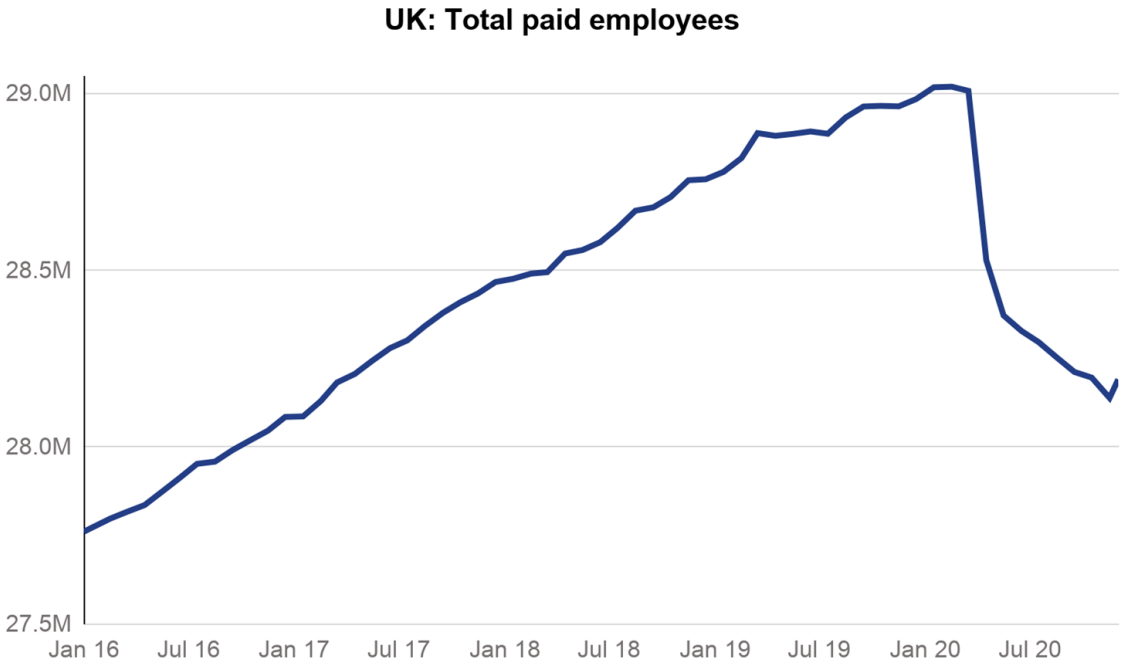


Source: IHS Markit, [Flash UK Composite PMI](#), 19 February 2021

ONS Business Impacts of Coronavirus Survey: % of all businesses temporarily closed or paused trading

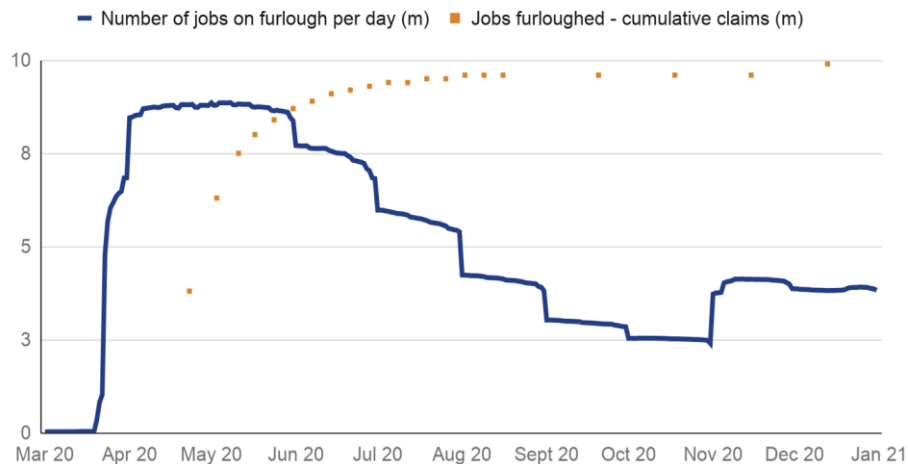


Source: ONS, [Business insights and impact on the UK economy](#), 11 February 2021



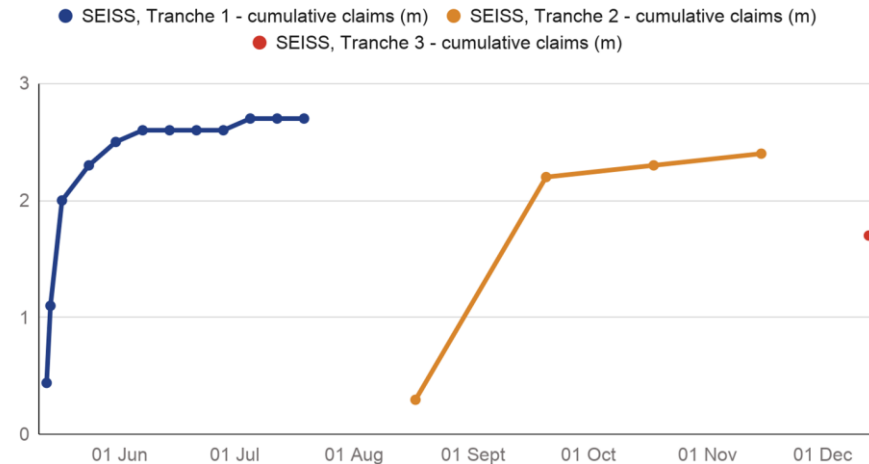
Source: ONS, [Earnings and employment from Pay As You Earn Real Time Information](#), 26 January 2021

Coronavirus Job Retention Scheme (CJRS): jobs on furlough

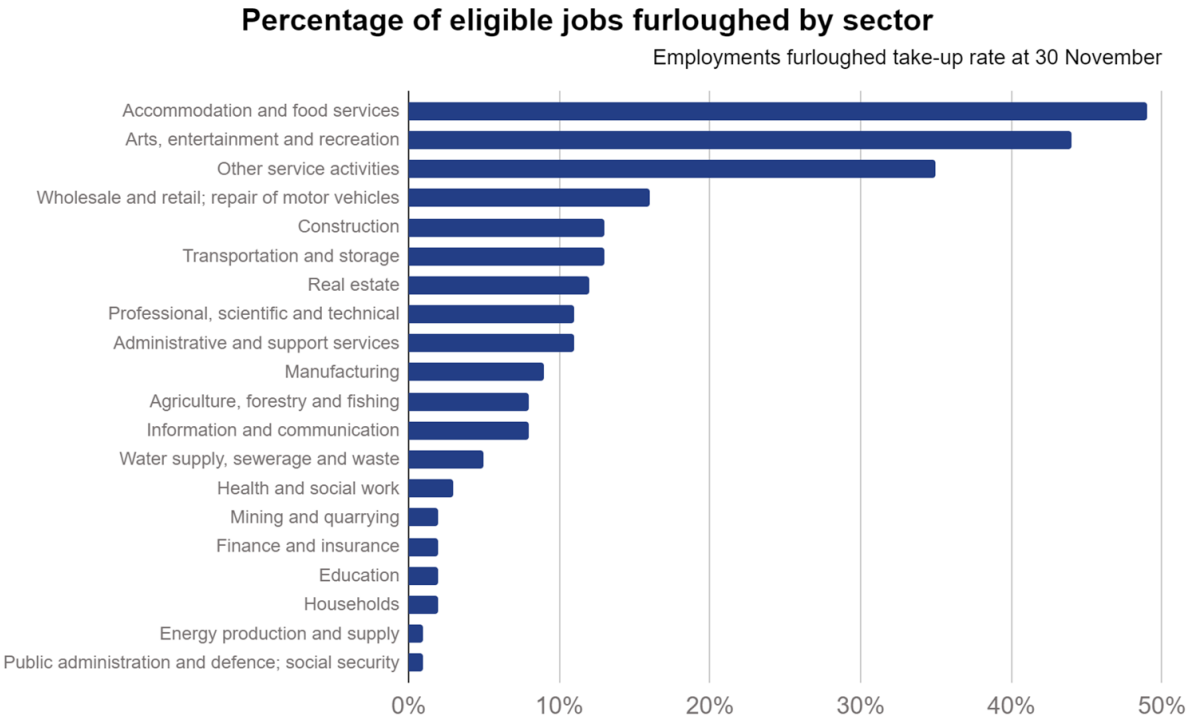


Source: HMRC, [Coronavirus \(COVID-19\) statistics - CJRS](#), 28 January 2021

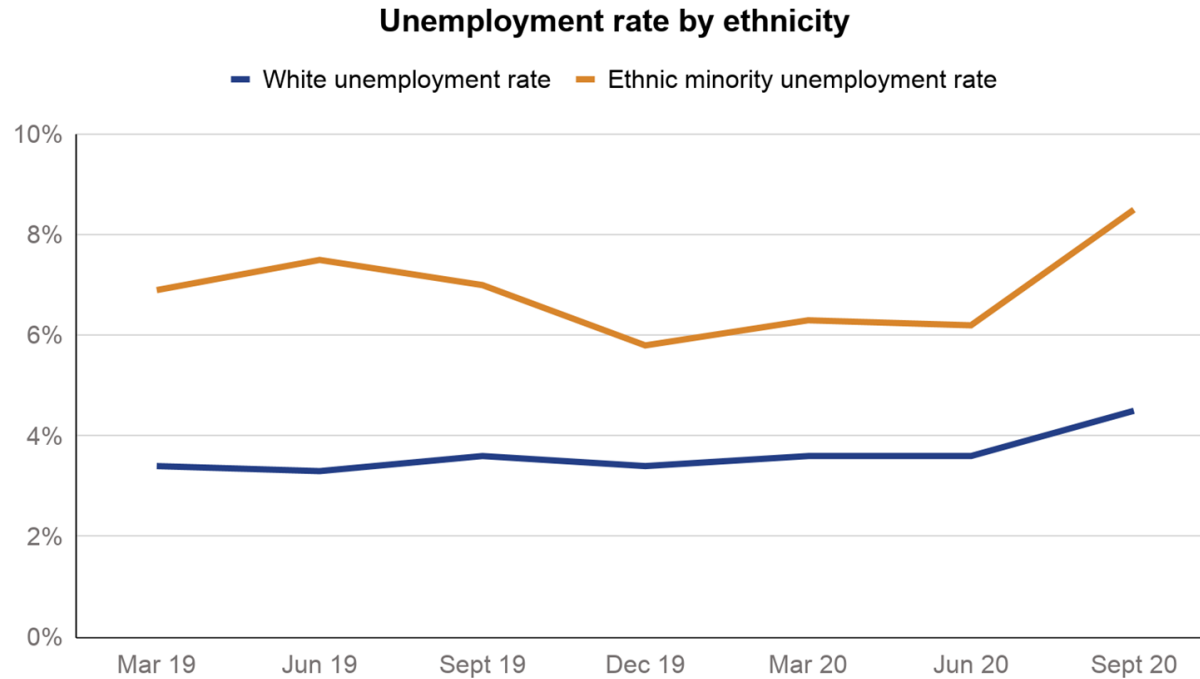
Self-Employment Income Support Scheme (SEISS) claims



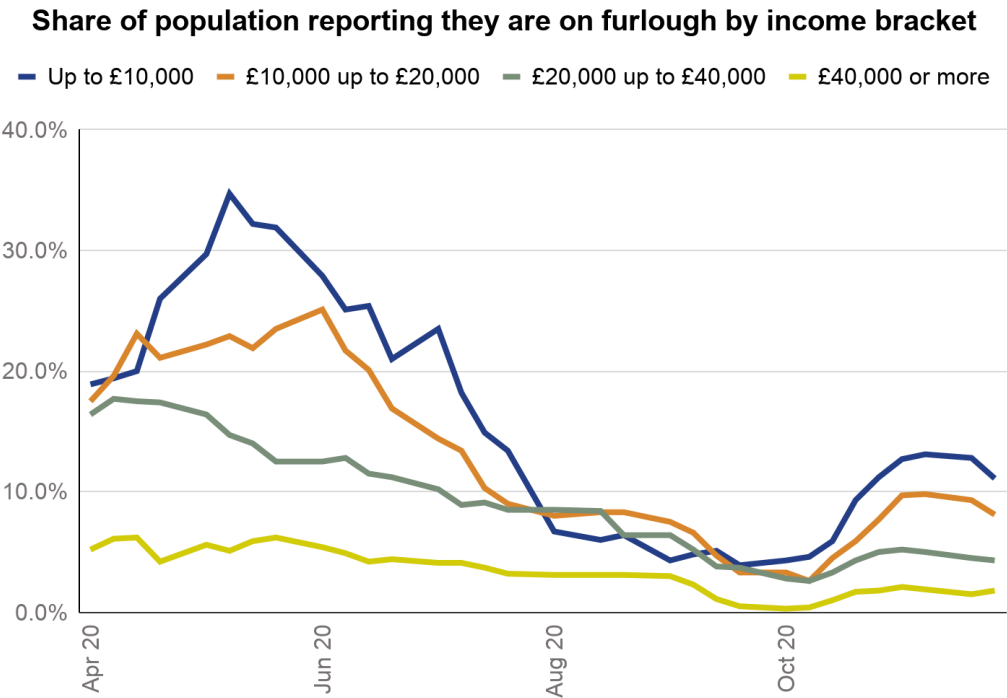
Source: HMRC, [Coronavirus \(COVID-19\) statistics - SEISS](#), 28 January 2021



Source: HMRC, [Coronavirus Job Retention Scheme statistics](#), 28 January 2021

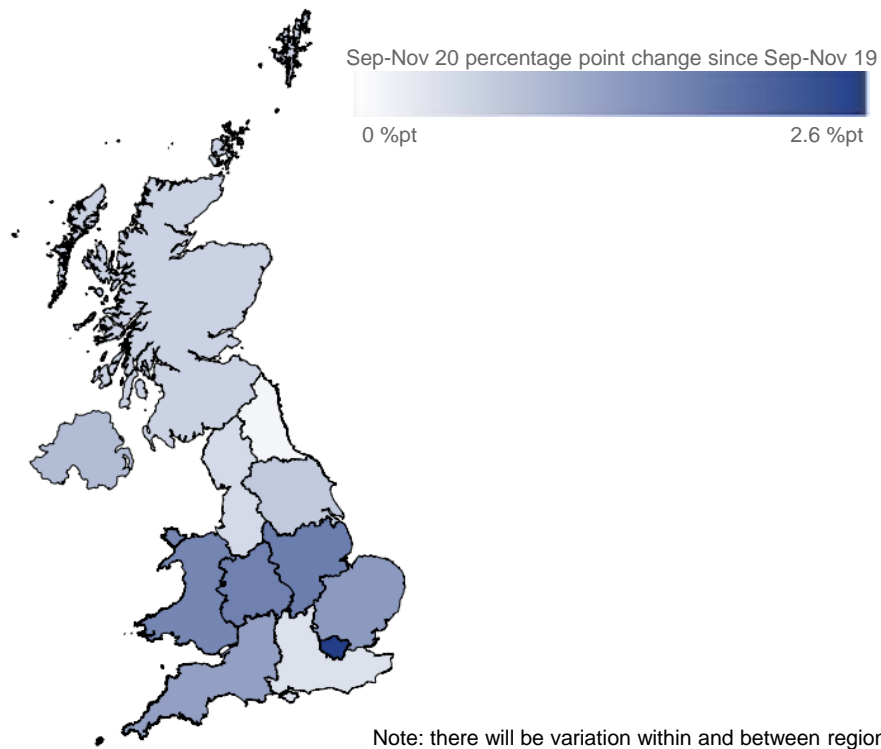


Source: ONS, [Labour market status by ethnic group](#), 10 November 2020



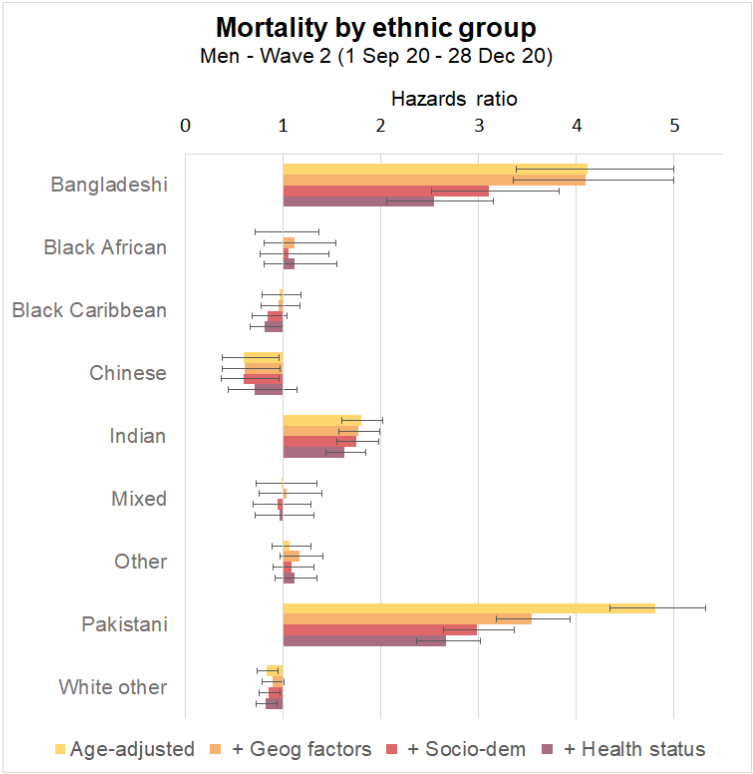
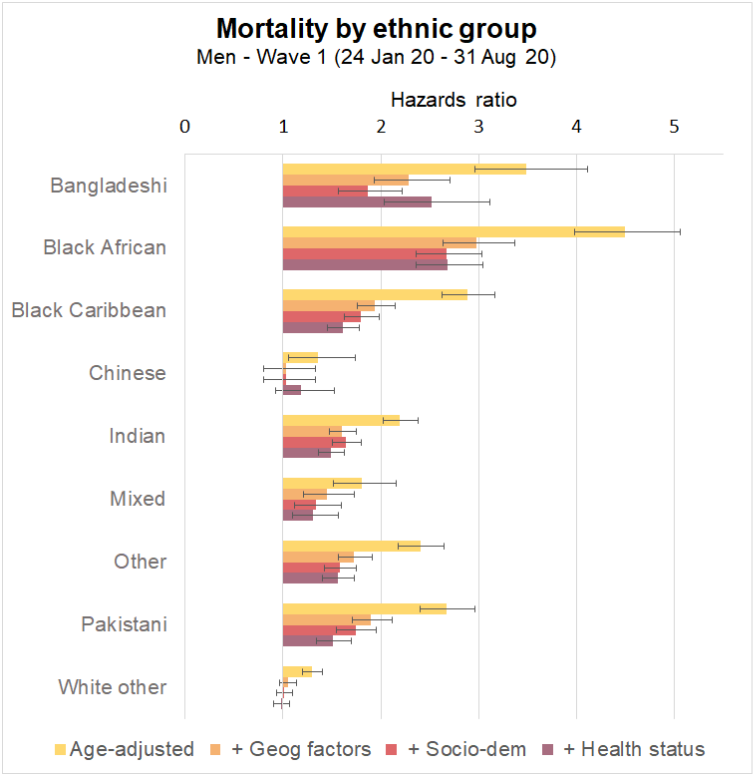
Source: ONS, [Personal and economic well-being in Great Britain](#), 21 January 2021

Unemployment rate change by nations and regions

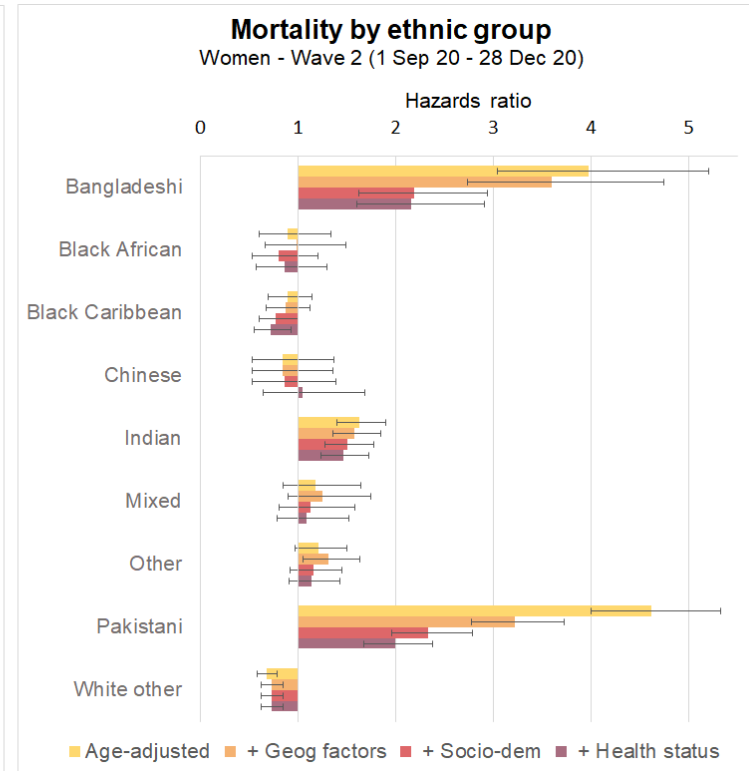
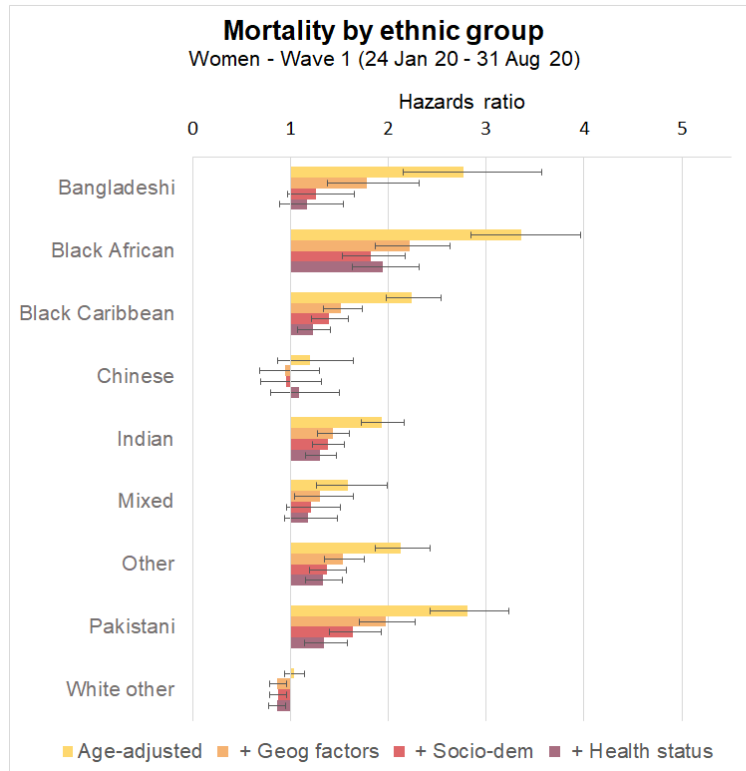


Source: ONS, [Labour market in the regions of the UK](#), 26 January 2021

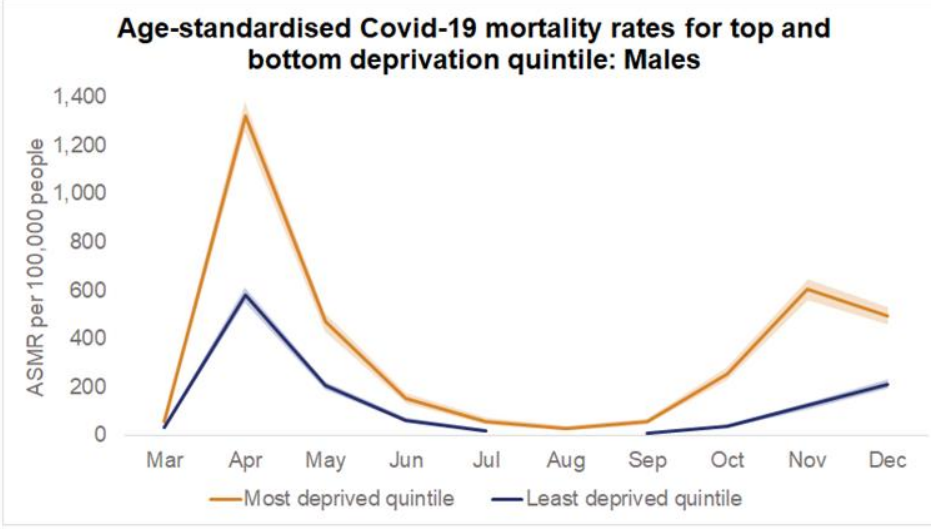
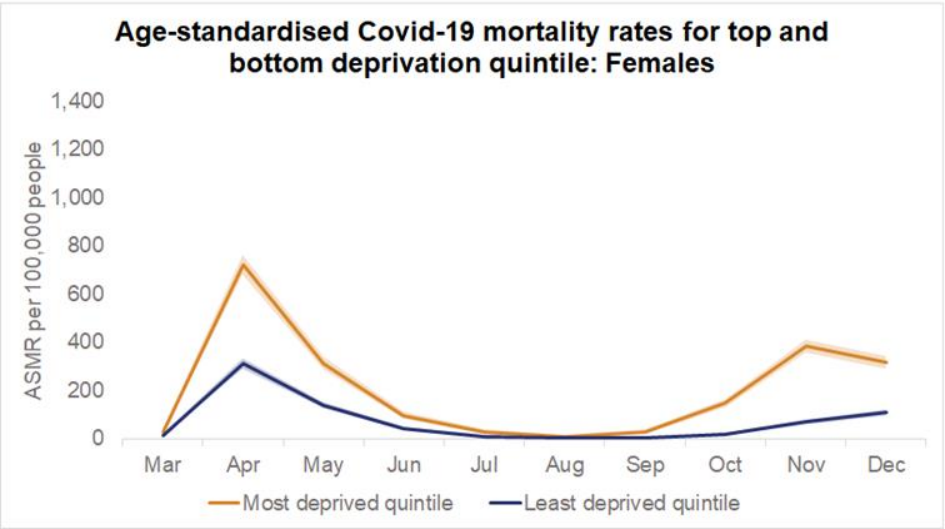
Waves 1 and 2 mortality by ethnic group for men



Source: medRx iv - [Published Ethnic differences in COVID19 mortality during the first two waves of the Coronavirus Pandemic: a nationwide cohort study of 29 million adults in England \(February 2021\)](#)

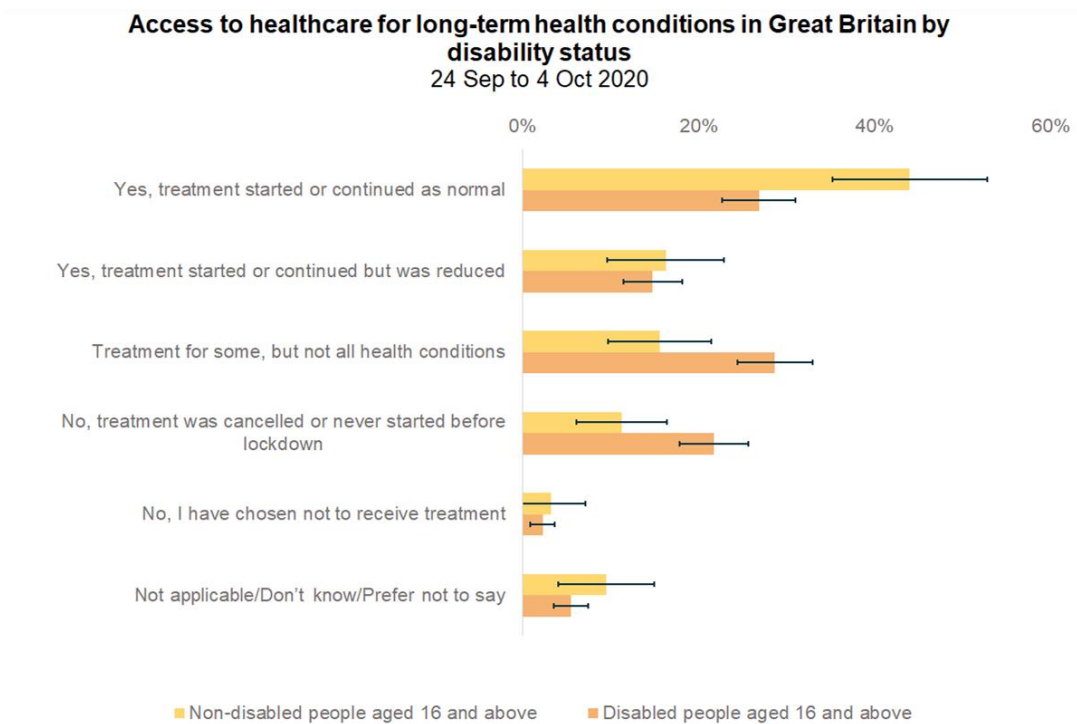


Source: medRx iv - [Published Ethnic differences in COVID19 mortality during the first two waves of the Coronavirus Pandemic: a nationwide cohort study of 29 million adults in England \(February 2021\)](#)



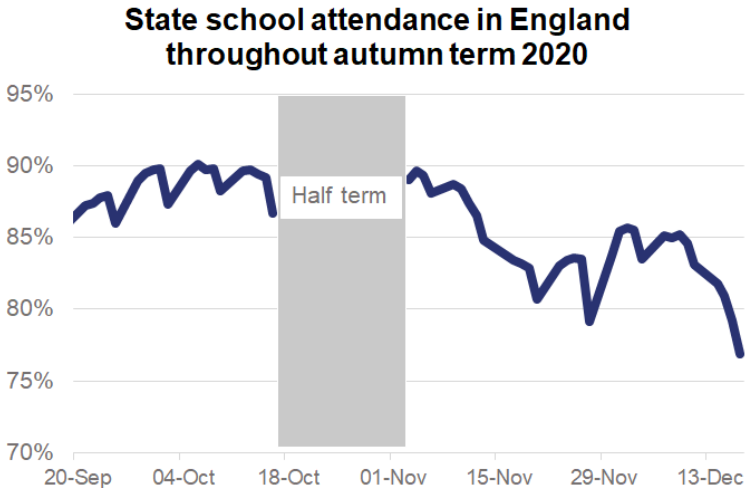
Notes:
Deaths registered between March and December 2020.
Shading shows upper and lower 95% confidence limits. Data not shown for categories with fewer than 10 deaths.

Source: [ONS, Deaths due to COVID19 by local area and deprivation](#)

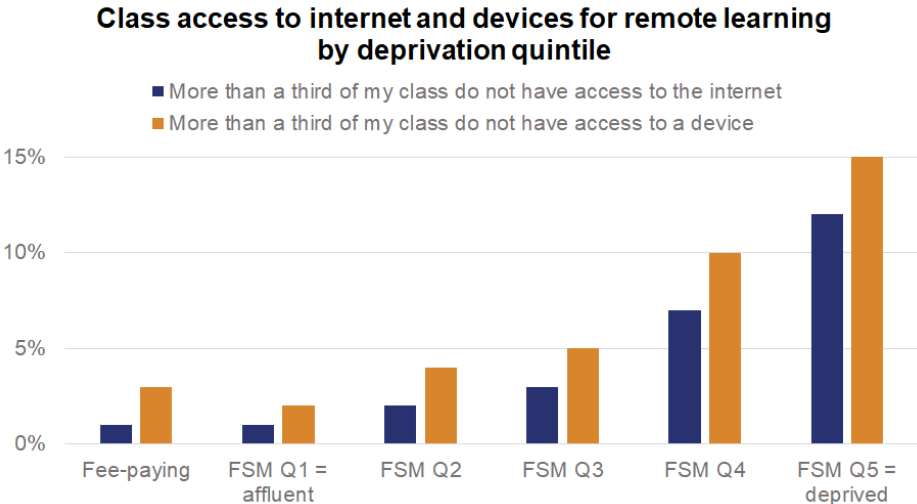


Note: Someone is considered to be a disabled person in this analysis if they have a self-reported long-standing illness, condition or impairment that reduces their ability to carry out day-to-day activities. This definition is consistent with the Equality Act 2010 and the Government Statistical Service (GSS) harmonised definition

Source: [ONS, Coronavirus and the social impacts on disabled people in Great Britain: September 2020, \(November 2020\)](#)

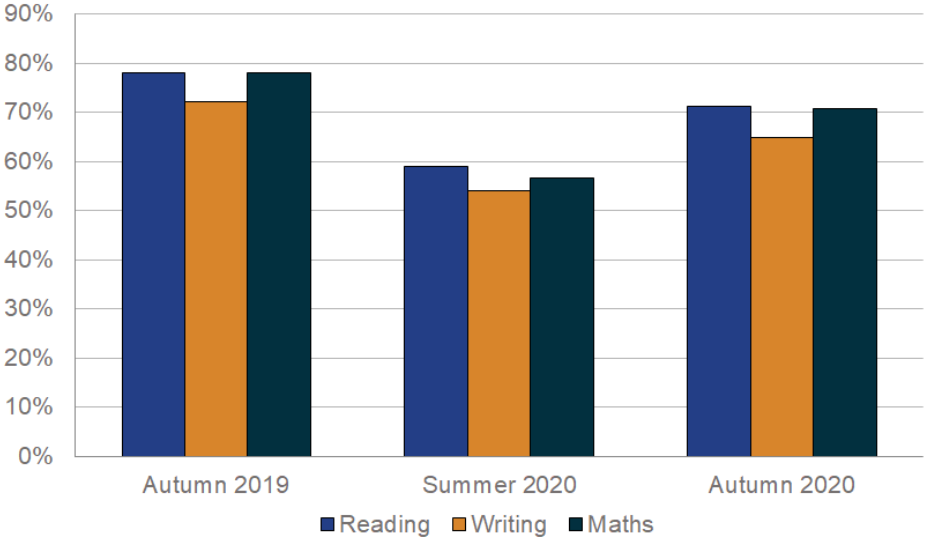


Source: GOV.UK - [Attendance in education and early years settings during the coronavirus \(COVID-19\) outbreak](#), 16 February 2021



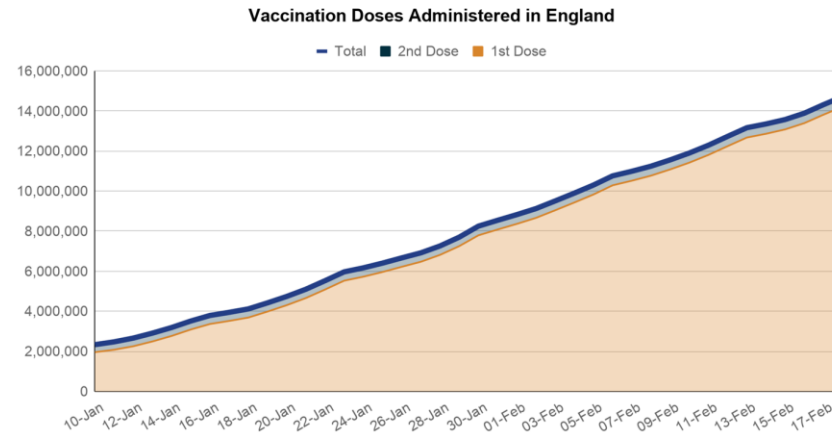
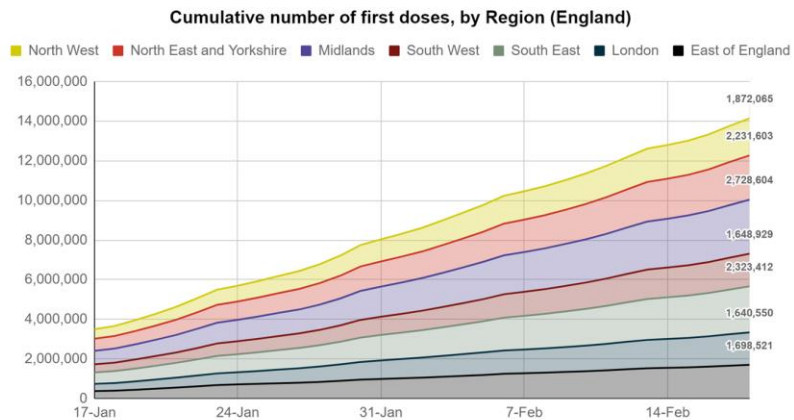
Source: TeacherTapp - [Monitoring COVID-19 Readiness in Schools](#)

Percentage of pupils who are at or above age-related learning expectations: autumn 2019, summer 2020 and autumn 2020

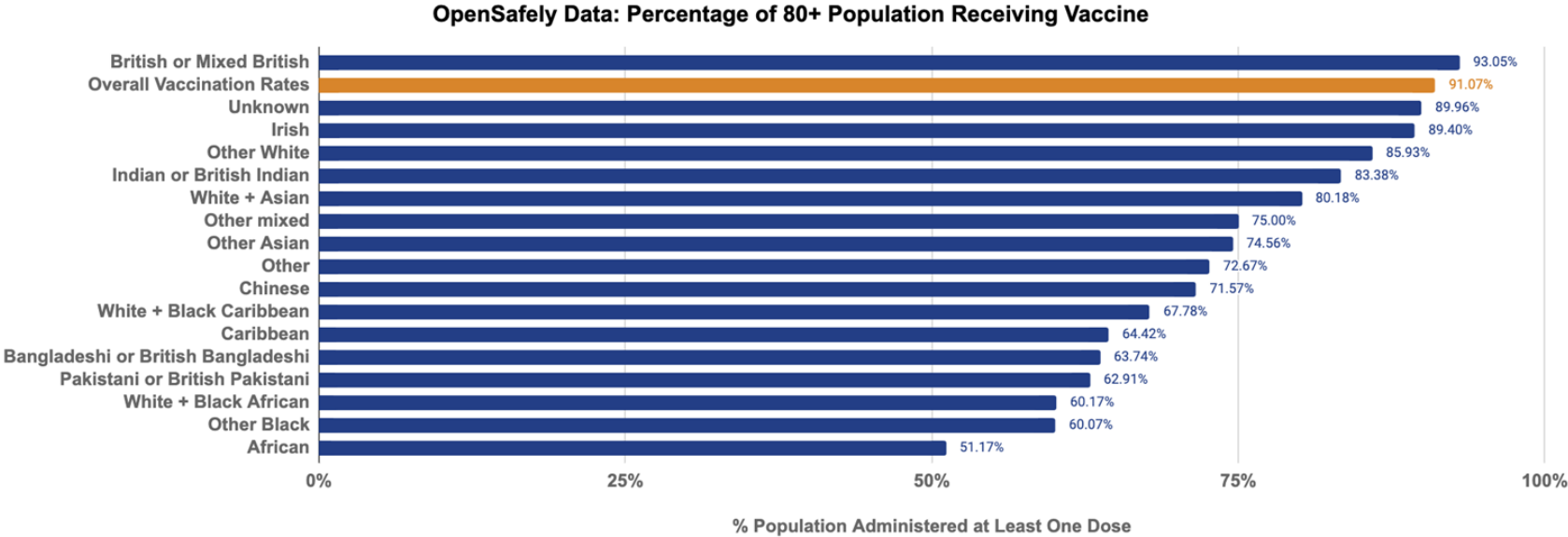


Source: [Juniper Education, The impact of the Covid19 pandemic on primary school children’s learning, \(February 2021\)](#)

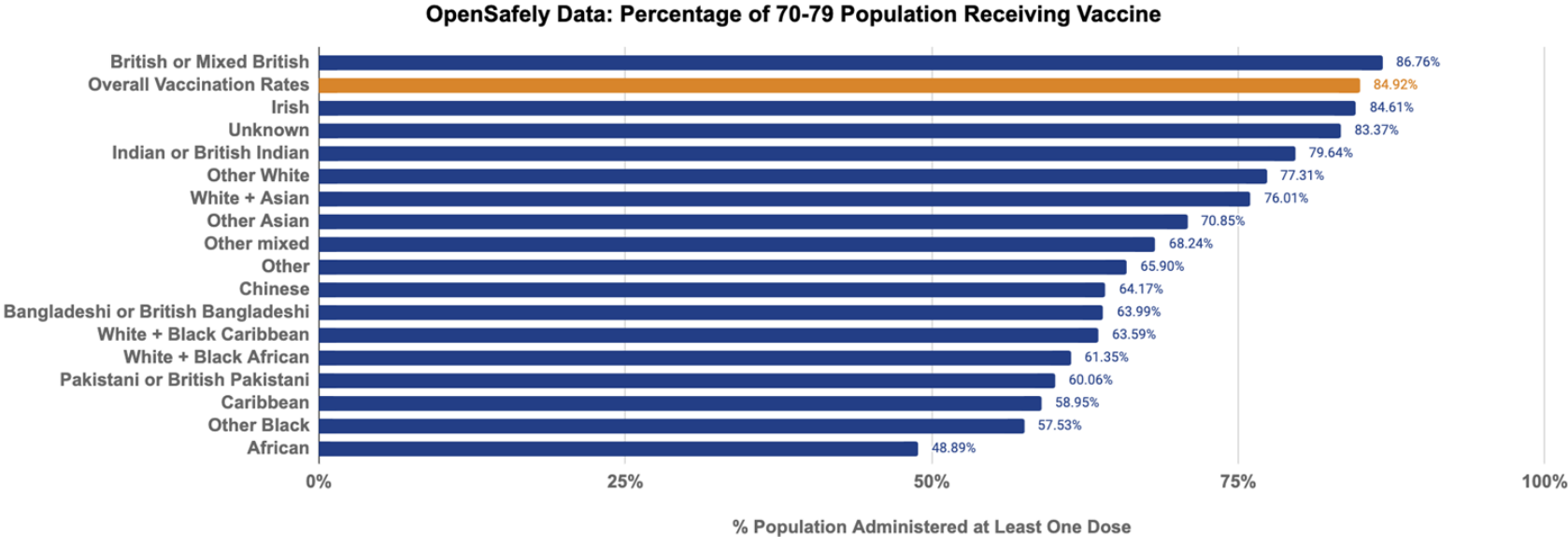
Total first doses administered by region



Source: NHSE, <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/>



Source: OpenSafely, <https://opensafely.org/research/2021/covid-vaccine-coverage/>



Source: OpenSafely, <https://opensafely.org/research/2021/covid-vaccine-coverage/>