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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.
Impact on GDP

Source: ONS, GDP monthly estimate: UK, 12 February 2021.
Impact on unemployment

UK: Unemployment Rate

- Unemployment rate, 18-24
- Unemployment rate, 16+

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://b6bdcb03332c4ff98b9d28f9c957493a.filesusr.com/ugd/3d9db5_4ddc07e7dda463f87224e71840d4fac.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
The number of people who have received a vaccination for COVID-19 in the UK

Cumulative number of COVID-19 Vaccinations Administered in the UK by Date Reported

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-word vaccine effectiveness. "Ineligible" group is mostly those under 18 years of age.
ADDITIONAL DATA ANNEX
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Estimated percentage of population with COVID-19 (England)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/19february2021
ONS estimates of the proportion of people testing positive for COVID-19 antibodies (England only), 28 days to 1 February

Source: Weekly publication. ONS, Coronavirus (COVID19) Infection Survey (16 February 2021)
ONS prevalence estimates of Kent (B117) variant compared to wild type since emergence

Latest R number estimates for England

R Value: England

R Value Estimate (with confidence interval)

NHS admissions and occupancy between peaks

Source: https://coronavirus.data.gov.uk/
Weekly 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

Deaths and vaccinations in care homes

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/numberofdeathsinicarehomesnotifiedtothecarequalitycommissionengland](https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/numberofdeathsinicarehomesnotifiedtothecarequalitycommissionengland) (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.


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
UK: Mobility by setting

Source: Google Mobility Data [https://www.google.com/covid19/mobility/](https://www.google.com/covid19/mobility/)
UK: Mean number of social contacts over time by age group

Source: CoMix, LHSTM  https://bmcmedicine.biomedcentral.com/articles/10.1186/s12916-020-015978
UK: Mobility in retail and recreation locations across lockdowns

UK: Mobility in retail and recreation locations across lockdowns

- March 2020 lockdown
- November restrictions
- January 2021 lockdown

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/
London underground usage compared across lockdowns

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

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
GB: Percentage of adults that have used a face covering when outside their home in the past seven days

Face coverings became a legal requirement in some settings in England on 24-July

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
Source: ONS, [GDP monthly estimate: UK](https://www.ons.gov.uk), 12 February 2021
UK output - impacts across sectors

UK: Sectoral output

relative output level, Feb 2020 = 100

- economic output recovered, December 2020
- lowest economic output during pandemic

Source: ONS, GDP monthly estimate: UK, 12 February 2021
Business sector activity and trading status

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

- Composite PMI
- Services PMI
- Manufacturing PMI

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

Source: IHS Markit, [Flash UK Composite PMI](https://www.ihs.com), 19 February 2021

Source: ONS, [Business insights and impact on the UK economy](https://www.ons.gov.uk), 11 February 2021
UK labour market - employees

Source: ONS, Earnings and employment from Pay As You Earn Real Time Information, 26 January 2021
UK labour market support schemes

Coronavirus Job Retention Scheme (CJRS): jobs on furlough

- Number of jobs on furlough per day (m)
- Jobs furloughed - cumulative claims (m)

Source: HMRC, Coronavirus (COVID-19) statistics - CJRS, 28 January 2021

Self-Employment Income Support Scheme (SEISS) claims

- SEISS, Tranche 1 - cumulative claims (m)
- SEISS, Tranche 2 - cumulative claims (m)
- SEISS, Tranche 3 - cumulative claims (m)

Source: HMRC, Coronavirus (COVID-19) statistics - SEISS, 28 January 2021
UK labour market support scheme (sectors)

Percentage of eligible jobs furloughed by sector

Source: HMRC, Coronavirus Job Retention Scheme statistics, 28 January 2021
Unemployment disproportionate impacts (ethnicity)

Unemployment rate by ethnicity

- White unemployment rate
- Ethnic minority unemployment rate

Source: ONS, Labour market status by ethnic group, 10 November 2020
Disproportionate impacts (income levels)

Share of population reporting they are on furlough by income bracket

Source: ONS, [Personal and economic well-being in Great Britain](https://www.ons.gov.uk), 21 January 2021
Unemployment (nations and regions)

Unemployment rate change by nations and regions

Sep-Nov 20 percentage point change since Sep-Nov 19

0 %pt
2.6 %pt

Note: there will be variation within and between 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: medRxiv - **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)**
Waves 1 and 2 mortality by ethnic group for women

Mortality by ethnic group
Women - Wave 1 (24 Jan 20 - 31 Aug 20)

Mortality by ethnic group
Women - Wave 2 (1 Sep 20 - 28 Dec 20)

Source: medRxiv - 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
Access to healthcare for long-term health conditions in Great Britain by disability status, 24 September to 4 October 2020

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)
Education impacts

State school attendance in England throughout autumn term 2020

Class access to internet and devices for remote learning by deprivation quintile


Source: TeacherTapp - [Monitoring COVID-19 Readiness in Schools](https://www.teachertapp.co.uk)
Percentage of pupils who are at or above age related learning expectations: Autumn 2019, Summer 2020 and Autumn 2020

Vaccine uptake by ethnic group

Source: OpenSafely, [https://opensafely.org/research/2021/covid-vaccine-coverage/](https://opensafely.org/research/2021/covid-vaccine-coverage/)
Vaccine uptake by ethnic group

OpenSafely Data: Percentage of 70-79 Population Receiving Vaccine

Source: OpenSafely, [https://opensafely.org/research/2021/covid-vaccine-coverage/](https://opensafely.org/research/2021/covid-vaccine-coverage/)