Office for National Statistics

Statistical bulletin

Coronavirus (COVID-19) Infection Survey, UK: 4 June 2021

Estimates for England, Wales, Northern Ireland and Scotland. This survey is being delivered in partnership with University of Oxford, University of Manchester, Public Health England and Wellcome Trust. This study is jointly led by the ONS and the Department for Health and Social Care (DHSC) working with the University of Oxford and UK Biocentre to collect and test samples.

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1 . Main points

- In England, the percentage of people testing positive for coronavirus (COVID-19) has increased in the week ending 29 May 2021; we estimate that 85,600 people within the community population in England had COVID-19 (95% credible interval: 71,900 to 100,900), equating to around 1 in 640 people.

- In Wales, there are early signs of an increase in the percentage of people testing positive in the week ending 29 May 2021; we estimate that 2,900 people in Wales had COVID-19 (95% credible interval: 1,000 to 5,800), equating to around 1 in 1,050 people.

- In Northern Ireland, the trend in the percentage of people testing positive is uncertain in the week ending 29 May 2021; we estimate that 2,300 people in Northern Ireland had COVID-19 (95% credible interval: 800 to 4,800), equating to around 1 in 800 people.

- In Scotland, the percentage of people testing positive has likely increased in the two weeks up to 29 May 2021, however, the trend is uncertain in the week ending 29 May 2021; we estimate that 7,700 people in Scotland had COVID-19 (95% credible interval: 4,100 to 12,500) equating to around 1 in 680 people.

- In the week ending 29 May 2021, we have seen an increase in cases in England that are not compatible with the UK variant B.1.1.7 (labelled “Alpha” by the World Health organisation (WHO)); these are likely to be the variant B.1.617.2 (WHO “Delta”), first identified in India.

- In the week ending 29 May 2021, we have seen an increase in cases that are compatible with the UK variant B.1.1.7 (WHO “Alpha”) in Wales.

About the bulletin

In this bulletin, we refer to the number of current COVID-19 infections within the community population; community in this instance refers to private residential households and it excludes those in hospitals, care homes and/or other institutional settings. In institutional settings, rates of COVID-19 infection are likely to be different. More information about rates of COVID-19 can be found in our latest insights.

The positivity rate is the percentage of people who have tested positive for COVID-19 at a point in time. We use current COVID-19 infections to mean testing positive for SARS-CoV-2, with or without having symptoms, on a swab taken from the nose and throat. This is different to the incidence rate, which is a measure of only the new polymerase chain reaction (PCR)-positive cases in a given time period.

All analysis was produced with our research partners at the University of Oxford.

Early management information from the Coronavirus (COVID-19) Infection Survey is made available to government decision-makers to inform their response to COVID-19. Occasionally we may publish figures early if it is considered in the public interest. We will ensure that we pre-announce any ad-hoc or early publications as soon as possible. These will include supporting information where possible to help user understanding. This is consistent with guidance from the Office for Statistics Regulation (OSR).

More information on COVID-19 and taking part in our survey

- For more information, please visit the CIS participant guidance page.
- If you have any further questions, please email the CIS operations team: COVID-19@ons.gov.uk.
- Find the latest on coronavirus (COVID-19) in the UK.
- Explore the latest coronavirus data from the ONS and other sources.
- ONS analysis, summarised in out coronavirus roundup.
- View all coronavirus data.
- Find out how we are working safely in our studies and surveys.

How the data in this bulletin can be used

The data can be used for:

- estimating the number of current positive cases in the community, including cases where people do not report having any symptoms
- identifying differences in numbers of positive cases between different regions -estimating the number of new cases and change over time in positive cases

The data cannot be used for:

- measuring the number of cases and infections in care homes, hospitals and/or other institutional settings
- providing information about recovery time of those infected

2 . Percentage of people who had COVID-19 in England, Wales, Northern Ireland and Scotland

Infection rates remain low across the UK compared with earlier months in the year. In England, the percentage of people testing positive has increased in the week ending 29 May 2021. In Wales in the same week, there are early signs of an increase in the percentage of people testing positive. In Northern Ireland in the same week, the trend in the percentage of people testing positive is uncertain. In Scotland, the percentage of people testing positive has likely increased in the two weeks up to 29 May 2021, however, the trend is uncertain in the week ending 29 May 2021.

These estimates are based on statistical modelling of the trend in rates of positive nose and throat swab results. The ratios presented are rounded to the nearest 10. Because of lower positivity rates, caution should be taken in over-interpreting any small movements in the latest trends.

Table 1: Official reported estimates of the percentage of the population testing positive for COVID-19, UK countries
Estimated percentage of the population testing positive for coronavirus (COVID-19) on nose and throat swabs, week ending 29 May 2021, UK

Country	Estimated average % of the population that had COVID-19	95% Credible Interval		Estimated average number of people testing positive for COVID-19	95% Credible Interval		Estimated average ratio of the population that had COVID-19	95% Credible Interval	
		Lower	Upper		Lower	Upper		Lower	Upper
England	0.16%	0.13%	0.19%	85,600	71,900	100,900	1 in 640	1 in 760	1 in 540
Wales	0.10%	0.03%	0.19%	2,900	1,000	5,800	1 in 1,050	1 in 2,910	1 in 520
Northern Ireland	0.12%	0.04%	0.26%	2,300	800	4,800	1 in 800	1 in 2,290	1 in 380
Scotland	0.15%	0.08%	0.24%	7,700	4,100	12,500	1 in 680	1 in 1,270	1 in 420

Source: Source: Office for National Statistics – Coronavirus (COVID-19) Infection Survey

Notes

1. All estimates are subject to uncertainty given that a sample is only part of the wider population. The model used to provide these estimates is a Bayesian model: these provide 95% credible intervals. A credible interval gives an indication of the uncertainty of an estimate from data analysis. 95% credible intervals are calculated so that there is a 95% probability of the true value lying in the interval.

2. Official reported estimates are plotted at a reference point believed to be most representative of the given week.

3. These ratios do not represent a person's risk of becoming infected, since risk of infection depends on a number of factors such as contact with others or whether a person has been vaccinated.

Because of the relatively small number of tests and a low number of positives in Wales, Northern Ireland and Scotland in our sample, credible intervals are wide and therefore results should be interpreted with caution. These wide credible intervals mean that differences between the central estimates within and between nations may appear smaller or more exaggerated than they really are.

Figure 1: The percentage of people testing positive increased in England, is potentially increasing in Wales and the trends are uncertain in Northern Ireland and Scotland, in the week ending 29 May 2021

Estimated percentage of the population testing positive for coronavirus (COVID-19) on nose and throat swabs from 3 May 2020

Notes:

1. All estimates are subject to uncertainty, given that a sample is only part of the wider population. The model used to provide these estimates is a Bayesian model: these provide 95% credible intervals. A credible interval gives an indication of the uncertainty of an estimate from data analysis. 95% credible intervals are calculated so that there is a 95% probability of the true value lying in the interval.
2. Official reported estimates are plotted at a reference point believed to be most representative of the given week.
3. The official estimate presents the best estimate at that point in time. Modelled estimates are used to calculate the official reported estimate. The model smooths the series to understand the trend and is revised each week to incorporate new test results, providing the best indication of trend over time.
4. Survey fieldwork for the pilot study began in England on 26 April 2020. In Wales, fieldwork began on 29 June 2020, in Northern Ireland fieldwork began on 26 July 2020 and in Scotland fieldwork began on 21 September 2020.

Download the data

.xlsx

About our estimates

Our headline estimates of the percentage of people testing positive in England, Wales, Northern Ireland and Scotland are the latest official estimates. We include different measures to support our estimation and this section outlines the appropriate uses of all the approaches.

Official estimates should be used to understand the positivity rate for a single point in time. This is based on the modelled estimate for the latest week and is our best and most stable estimate, used in all previous outputs. The modelled estimate is more suited to understand the recent trend. This is because the model is regularly updated to include new test results and smooths the trend over time. These modelled estimates can be found in the accompanying datasets.

The estimates for non-overlapping 14-day periods (which underpin our modelled official estimates) and the unweighted sample counts are included in the accompanying datasets. These estimates are produced using a different method of weighting to the model and are available for people who wish to compare infection levels over time in this way. Information about how the modelled and 14-day non-overlapping estimates are calculated can be found in our methods article.

All estimates presented in this bulletin are provisional results. As swabs are not necessarily analysed in date order by the laboratory, we have not yet received test results for all swabs taken on the dates included in this analysis. Estimates may therefore be revised as more test results are included.

3 . Sub-national analysis of the number of people who had COVID-19

Regional analysis for England

The overall national picture for England is a result of the trends across regions. During the week ending 29 May 2021, the highest percentage of people testing positive was observed in the North West, although rates were low in all regions and credible intervals are wide.

In the data used to produce these estimates, the number of people sampled in each region who tested positive for coronavirus (COVID-19) was low relative to England overall. This means there is a higher degree of uncertainty in the regional estimates for this period, as indicated by larger credible intervals.

In the week ending 29 May 2021, the percentage of people testing positive has increased in the North West, East Midlands and the South West. In the North West, there were a large number of positive results captured by the survey on the latest day of data collection, which may be magnifying the recent increase. This means that there is greater uncertainty than usual in the exact size of the increase. There were also signs of a possible increase in the percentage of people testing positive in the West Midlands and London in the week ending 29 May 2021. The trend is uncertain for all other regions in the same week. In many regions positivity rates are very low, so trends will be difficult to identify as they are affected by small changes in the number of people testing positive from week to week.

Figure 2: The percentage of people testing positive increased in the North West, East Midlands and the South West in the week ending 29 May 2021

Estimated percentage of the population testing positive for coronavirus (COVID-19) on nose and throat swabs, daily, by region since 18 April 2021, England

Notes:

1. All results are provisional and subject to revision.
2. These statistics refer to infections reported in the community, by which we mean private households. These figures exclude infections reported in hospitals, care homes and/or other institutional settings.
3. The percentage of people testing positive by region was calculated using a similar modelling approach to the national daily estimates in Section 2: Percentage of people who had COVID-19 in England, Wales, Northern Ireland and Scotland.
4. The analysis is conducted over a six-week period, which means specific positive cases move into and then out of the sample. This causes variability between estimates over time, which is expected given the lower number of positive tests within each region, compared with England as a whole.
5. In the North West, there were a large number of positive results captured by the survey on the latest day of data collection which may be magnifying the recent increase. This means that there is greater uncertainty than usual in the exact size of the increase.

Download the data

.xlsx

Sub-regional analysis for the UK

When positivity rates are low, it is not possible to estimate rates in smaller geographic areas as the numbers within these areas are too small for any estimate to be robust. Because of this low positivity, we are not currently providing sub-regional positivity estimates for the four countries.

4 . Age analysis of the number of people who had COVID-19

Age analysis by category for England

Our age categories separate children and young people by school age:

- "two years to school Year 6" includes those children in primary school and below
- "school Year 7 to school Year 11" includes those children in secondary school
- "school Year 12 to age 24 years" includes those young adults who may be in further or higher education

This means that 11- to 12-year-olds and 16- to 17-year olds have been split between different age categories depending on whether their birthday is before or after 1 September.

Estimates are based on smaller sample sizes within each age group relative to England overall. There is a higher degree of uncertainty as indicated by larger credible intervals. These can be found in the accompanying dataset.

In the week ending 29 May 2021, the percentage of people testing positive has increased in those aged 35 years and over and in school Year 7 to school Year 11. In the same week, the trend in the percentage testing positive is uncertain among those aged two years to school Year 6 and those in school Year 12 to aged 34 years. Because of lower positivity rates, caution should be taken in over-interpreting small movements in the latest trends.

Figure 3: The percentage of people testing positive has increased in those aged 35 years and over and in school Year 7 to school Year 11 in the week ending 29 May 2021

Estimated percentage of the population testing positive for coronavirus (COVID-19) on nose and throat swabs, daily, by age group since 18 April 2021, England

Notes:

1. All results are provisional and subject to revision.
2. These statistics refer to infections reported in the community, by which we mean private households. These figures exclude infections reported in hospitals, care homes and/or other institutional settings.

Download the data

.xlsx

We are unable to produce the same grouped analysis as presented in Figure 3 for the devolved administrations because of smaller sample sizes within each age group.

Estimates for non-overlapping 14-day periods (which underpin our modelled estimates) by age group are available in our dataset and are provided as an alternative measure over time for context.

Age analysis by single year of age over time by country

When positivity rates are low, it is not possible to produce age over time analysis by single year of age for all four UK countries because numbers of infections are too small for any estimate to be robust. As a result, we have not produced these data this week.

5 . Number of new COVID-19 infections in England, Wales, Northern Ireland and Scotland

The incidence rate is a measure of new polymerase chain reaction (PCR)-positive cases in a given time period.

Because of lower positivity rates, we are carrying out some additional checks on our estimates of incidence (last published 7 May 2021). Therefore, we will not be updating our incidence estimates in this publication. For more information on how we calculate estimates of incidence, please see COVID-19 Infection Survey: methods and further information.

6 . Number of people testing positive for COVID-19 by variant

The World Health Organization (WHO) have suggested new names for Variants of Concern and Variants of Interest, which are shown in Table 2.

Table 2: World Health Organization Variants of Concern and Variants of Interest

Variant name	Country where variant was first identified	WHO label
Variants of Concern		
B.1.1.7	UK	Alpha
B.1.351	South Africa	Beta
P.1	Brazil	Gamma
B.1.617.2	India	Delta
Variants of Interest		
B.1.525	Nigeria	Eta

Source: World Health Organization (WHO)

The variant B.1.1.7 (WHO “Alpha”, known as the "UK variant") of coronavirus (COVID-19) identified in the UK in mid-November 2020 has changes in one of the three genes that COVID-19 swab tests detect, known as the S-gene. This means in cases compatible with this variant, the S-gene is not detected by the current test. Therefore B.1.1.7 (WHO “Alpha”) has the pattern ORF1ab+N (S gene negative) in our main variant analysis.

Other variants – including both B.1.617.2 (WHO “Delta”, first identified in India) and B.1.351 (WHO “Beta”, first identified in South Africa) – are positive on all three genes, with the pattern ORF1ab+S+N. If there is an increase in the prevalence of any of these strains, this will show up in our analysis as an increase in our category "not compatible with the UK variant". Our main variant analysis can therefore differentiate between these two groups of variants (ORF1ab+N positive or ORF1ab+S+N positive), but cannot differentiate between variants that have the same gene pattern for the three genes that COVID-19 swab tests detect. More information on individual variants and where they were first detected is available on the government variant dashboard.

Other variants, including B.1.525 (WHO “Eta”, first identified in Nigeria), also have the same pattern of gene positivity as B.1.1.7 (WHO “Alpha”, the UK variant). At present these variants are rare in the UK so we continue to describe this group as compatible with the UK variant, but we will continue to keep this under review. You can read more about the UK variant in a previous blog. The percentage of people testing positive by different variants are provided in the accompanying technical dataset.

In the week ending 29 May 2021, the percentage of people testing positive whose results are compatible with B.1.1.7 (WHO “Alpha”, the UK variant) has increased in Wales while the trend is uncertain in England, Northern Ireland and Scotland.

In the week ending 29 May 2021, the percentage of people testing positive whose results are not compatible with B.1.1.7 (WHO “Alpha”, the UK variant) has increased in England while the trend is uncertain in Wales, Northern Ireland and Scotland. These cases are compatible with the variant B.1.617.2 (WHO “Delta”, first identified in India).

The percentage of people testing positive by variant category in England is shown in Figure 4. Because of the low number of positive results, there is a greater degree of uncertainty in the percentage of people testing positive by variant category for Wales, Northern Ireland and Scotland. Therefore, we are not presenting these data in Figure 4 in this publication.

Figure 4: In England, the UK variant (WHO “Alpha”) may no longer be the most common in the week ending 29 May 2021

Modelled percentage of cases compatible with the UK variant (WHO “Alpha”), not compatible with the UK variant (WHO “Alpha”) and where the virus was too low for the variant to be identifiable based on nose and throat swabs, daily, since 18 April 2021, England

Notes:

1. All results are provisional and subject to revision.
2. These statistics refer to infections reported in the community, by which we mean private households. These figures exclude infections reported in hospitals, care homes and/or other institutional settings.
3. Data should be treated with caution. There are uncertainties given that not all cases that are positive on the ORF1ab and N-genes will be the UK variant (WHO “Alpha”)
4. UK variant (WHO “Alpha”) compatible positives are defined as those that are positive on the N-gene and ORF1ab-gene, but not the S-gene. Positives that are not compatible with the UK variant (WHO “Alpha”) are defined as those that are positive on the S-gene, N-gene and ORF1ab-gene. Positives where the virus is too low for the variant to be identifiable are defined as those that are positive with all other gene patterns. These definitions are regardless of cycle threshold (Ct) value.

Download the data

.xlsx

Each test goes through a number of cycles before a positive result is detectable. If there is a high quantity of the virus present, a positive result will be identified after a low number of cycles. However, if there is only a small amount of the virus present, then it will take more cycles to detect it.

The number of cycles is measured as a "cycle threshold", known as a Ct value. These values are used as a proxy for the quantity of the virus, also known as the viral load. The higher the viral load, the lower the Ct value. These values are helpful for monitoring the strength of the virus and for identifying patterns that could suggest changes in the way the virus is transmitting. The Ct values of COVID-19 positive tests are provided in the technical dataset that accompanies this bulletin.

We try to read all letters of the virus's genetic material for every positive nose and throat swab with sufficient virus to do so (Ct less than 30) – this is called whole genome sequencing. Positive samples are hand-picked at the testing centre and shipped to a sequencing lab, after which they are sequenced and the genetic data processed. Sequencing is not successful on all these samples, or only part of the genome is sequenced. This is especially so for the higher Ct values, which are common in Office for National Statistics (ONS) data as we often catch people early or late in infection when viral loads tend to be lower (and hence Ct values are higher). Where we successfully sequence over half of the genome, we use the sequence data to work out which virus is which type of variant. This method can tell us which variant might be responsible for any potential increase in either cases "not compatible with the UK variant" or "compatible with the UK variant". However, because we cannot get a sequence from every positive result, there is more uncertainty in these estimates.

These data are provided in the accompanying technical dataset using the international standard labels.

Genome sequencing takes longer to produce results, so the genome sequencing results relate to an earlier time period than our most recent positivity data. In the week ending 23 May 2021, there were 16 new B.1.617.2 (WHO “Delta”, first identified in India) and eight new B.1.1.7 (WHO “Alpha”, the UK variant) identified in the UK. In the three weeks prior to this (26 April to 16 May 2021) the vast majority of sequences obtained were B.1.1.7 (WHO “Alpha”), with the only other variants identified being two B.1.617.2 (WHO “Delta”). Over the next few weeks, we will have information on the sequencing of the increased number of recent cases that are not compatible with “Alpha” (the UK variant).

We also provide information on viruses where we have found a particular genetic change (mutation) called E484K. This mutation is always seen in B.1.351 (WHO “Beta”, first seen in South Africa).

Laboratory data suggest that this mutation might make it easier for a virus to infect someone again, or to infect someone who has been vaccinated, but the importance of this mutation in terms of its effect in transmitting the virus is still uncertain.

This analysis was produced by research partners at the University of Oxford. Of particular note are Dr Katrina Lythgoe, Dr David Bonsall, Dr Tanya Golubchik, and Dr Helen Fryer.

More information on how we measure variants from positive tests on the survey can be found in our latest blog.

7 . Test sensitivity and specificity

The estimates provided in Sections 2 to 6 are for the percentage of the private-residential population testing positive for coronavirus (COVID-19), otherwise known as the positivity rate. We do not report the prevalence rate. To calculate the prevalence rate, we would need an accurate understanding of the swab test's sensitivity (true-positive rate) and specificity (true-negative rate).

While we do not know the true sensitivity and specificity of the test, our data and related studies provide an indication of what these are likely to be. In particular, the data suggest that the false-positive rate is very low – under 0.005%. We do not know the sensitivity of the swab test. However, other studies suggest that sensitivity (the rate of true-positive test results) may be somewhere between 85% and 98%.

You can find more information on sensitivity and specificity in our methods article and our recent blog. You can find more information on the data suggesting that our test's false-positive rate is very low in a paper written by academic partners at the University of Oxford.

8 . COVID-19 Infection Survey data

Coronavirus (COVID-19) Infection Survey: England
Dataset | Released 4 June 2021
Findings from the Coronavirus (COVID-19) Infection Survey for England.

Coronavirus (COVID-19) Infection Survey: Northern Ireland
Dataset | Released 4 June 2021
Findings from the Coronavirus (COVID-19) Infection Survey for Northern Ireland.

Coronavirus (COVID-19) Infection Survey: Scotland
Dataset | Released 4 June 2021
Findings from the Coronavirus (COVID-19) Infection Survey for Scotland.

Coronavirus (COVID-19) Infection Survey: Wales
Dataset | Released 4 June 2021
Findings from the Coronavirus (COVID-19) Infection Survey for Wales.

Coronavirus (COVID-19) Infection Survey: technical data
Dataset | Released 4 June 2021
Technical and methodological data from the Coronavirus (COVID-19) Infection Survey, England, Wales, Northern Ireland and Scotland.

9 . Collaboration

The Coronavirus (COVID-19) Infection Survey analysis was produced by the Office for National Statistics (ONS) in collaboration with our research partners at the University of Oxford, the University of Manchester, Public Health England (PHE) and Wellcome Trust. Of particular note are:

- Sarah Walker - University of Oxford, Nuffield Department for Medicine: Professor of Medical Statistics and Epidemiology and Study Chief Investigator
- Koen Pouwels - University of Oxford, Health Economics Research Centre, Nuffield Department of Population Health: Senior Researcher in Biostatistics and Health Economics
- Thomas House - University of Manchester, Department of Mathematics: Reader in Mathematical Statistics

10 . Glossary

Community

In this bulletin, we refer to the number of coronavirus (COVID-19) infections within the community. Community in this instance refers to private households, and it excludes those in hospitals, care homes and/or other institutional settings.

Confidence interval

A confidence interval gives an indication of the degree of uncertainty of an estimate, showing the precision of a sample estimate. The 95% confidence intervals are calculated so that if we repeated the study many times, 95% of the time the true unknown value would lie between the lower and upper confidence limits. A wider interval indicates more uncertainty in the estimate. Overlapping confidence intervals indicate that there may not be a true difference between two estimates. For more information, see our methodology page on statistical uncertainty.

Credible interval

A credible interval gives an indication of the uncertainty of an estimate from data analysis. 95% credible intervals are calculated so that there is a 95% probability of the true value lying in the interval.

False-positives and false-negatives

A false-positive result occurs when the tests suggest a person has COVID-19 when in fact they do not. By contrast, a false-negative result occurs when the tests suggest a person does not have COVID-19 when in fact they do. For more information on false-positives and false-negatives, see our methods article and our recent blog.

11 . Measuring the data

Reference dates

We aim to provide the estimates of positivity rate (the percentage of those who test positive) and incidence that are most timely and most representative of each week. We decide the most recent week we can report on based on the availability of test results for visits that have already happened, accounting for the fact that swabs have to be couriered to the labs, tested and results returned. On most occasions, the reference dates align perfectly, but sometimes this is not feasible. This week, the reference week is 23 to 29 May 2021.

Within the most recent week, we provide an official estimate for positivity rate based on a reference point from the modelled trends. For positivity rates, we can include all swab test results, even from the most recent visits. Therefore, although we are still expecting further swab test results from the labs, there was sufficient data for the official estimate for infection to be based on a reference point after the start of the reference week. To improve stability in our modelling while maintaining relative timeliness of our estimates, we are reporting our official estimates based on the midpoint of the reference week. This week, the reference day for positivity rates is Wednesday 26 May 2021.

Response rates

Response rates for England, Wales, Northern Ireland and Scotland cannot be regarded as final response rates to the survey since those who are invited are not given a time limit in which to respond; and different modes of sampling are not comparable.

Response rates for each nation are found in the accompanying technical dataset. We provide response rates separately for the different sampling phases of the study. Additional information on response rates can be found in our methods article.

Other Coronavirus Infection Survey (CIS) analysis and studies

This study is one of a number of studies that look to provide information around the coronavirus pandemic within the UK. For information on other studies see Section 11: Measuring the data in our previous bulletin dated 30th April 2021.

12 . Strengths and limitations

These statistics have been produced quickly in response to developing world events. The Office for Statistics Regulation, on behalf of the UK Statistics Authority, has reviewed them against several important aspects of the Code of Practice for Statistics and regards them as consistent with the Code's pillars of trustworthiness, quality and value.

The estimates presented in this bulletin contain uncertainty. There are many sources of uncertainty, including uncertainty in the test, in the estimates and in the quality of data collected in the questionnaire. Information on the main sources of uncertainty are presented in our methodology article and our recent blog.

13 . Related links

Coronavirus (COVID-19) Infection Survey: characteristics of people testing positive for COVID-19 in countries of the UK
Article | Released 20 May 2021
The characteristics of people testing positive for coronavirus (COVID-19) from the COVID-19 Infection Survey. This survey is being delivered in partnership with the University of Oxford, the University of Manchester, Public Health England and Wellcome Trust.

Coronavirus (COVID-19) Infection Survey: antibody and vaccination data for the UK
Article | Updated fortnightly
Antibody and vaccination data by UK country and English regions from the Coronavirus (COVID-19) Infection Survey. This survey is being delivered in partnership with University of Oxford, University of Manchester, Public Health England and Wellcome Trust.

COVID-19 Schools Infection Survey Round 4, England: antibody data, March 2021
Bulletin | Released 27 May 2021
Initial estimates of staff and pupils testing positive for SARS-CoV-2 antibodies from the COVID-19 Schools Infection Survey across a sample of schools, within selected local authority areas in England.

Coronavirus (COVID-19) latest insights
Interactive tool | Updated as and when data become available
Explore the latest data and trends about the coronavirus (COVID-19) pandemic from the ONS and other official sources.

Coronavirus (COVID-19) latest data and analysis
Web page | Updated as and when data become available
Latest data and analysis on the coronavirus pandemic in the UK and its effect on the economy and society.

Coronavirus (COVID-19) roundup
Web page | Updated as and when data become available
Catch up on the latest data and analysis related to the coronavirus pandemic and its impact on our economy and society.

Deaths registered weekly in England and Wales, provisional
Bulletin | Updated weekly
Provisional counts of the number of deaths registered in England and Wales, including deaths involving COVID-19, by age, sex and region, in the latest weeks for which data are available.

COVID-19 Infection Survey
Article | Updated regularly
Whether you have been invited to take part, or are just curious, find out more about our COVID-19 Infection Survey and what is involved.

Coronavirus and higher education students: England
Bulletin | Released 24 May 2021
Experimental Statistics from a pilot of the Student COVID-19 Insights Survey in England. Includes information on the behaviours, plans, opinions and well-being of higher education students in the context of guidance on the coronavirus (COVID-19) pandemic.

The prevalence of long COVID symptoms and COVID-19 complications
Article | Released 1 April 2021
Estimates of the prevalence of self-reported "long COVID", and the duration of ongoing symptoms following confirmed coronavirus infection, using UK Coronavirus (COVID-19) Infection Survey data to 6 March 2021.

COVID-19 Infection Survey: methods and further information
Methodology article | Updated 26 March 2021
Information on the methods used to collect the data, process it, and calculate the statistics produced from the Coronavirus (COVID-19) Infection Survey.