

Statistical bulletin

# Deaths registered weekly in England and Wales, provisional: week ending 30 December 2022

Provisional number of deaths registered in England and Wales, including deaths involving coronavirus (COVID-19), in the latest weeks.



Contact:  
Sarah Caul  
health.data@ons.gov.uk  
+44 1329 444110

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# 1 . Main points

- The number of deaths registered in England and Wales was affected by the Christmas and Boxing Day bank holidays; more information on the effect of bank holidays can be found in [Section 5: Measuring the data](#).
- In the week ending 30 December 2022 (Week 52), 9,517 deaths were registered in England and Wales; 393 of these deaths mentioned "novel coronavirus (COVID-19)", accounting for 4.1% of all deaths.
- This is a decrease in all deaths compared with the week ending 23 December 2022 (Week 51), when the number of all-cause deaths registered was 14,530; COVID-19 accounted for 429 of these deaths (3.0%).
- Of the 393 deaths involving COVID-19 in Week 52, 71.0% (279 deaths) had this recorded as the underlying cause of death, which was a marginally lower proportion when compared with Week 51 (71.8%).
- The number of deaths was above the five-year average in private homes (36.9% above, 684 excess deaths), hospitals (14.8% above, 537 excess deaths), care homes (20.4% above; 371 excess deaths) and other settings (0.2% above, 1 excess death) in Week 52 in England and Wales.
- Because of the bank holidays, data for Northern Ireland are not available for Week 52 so we cannot provide a Northern Ireland or UK figure for Week 52, these data will be updated in the next publication being released on 17 January 2023.

## 2 . Deaths registered in England and Wales

In the week ending 30 December 2022 (Week 52), 9,517 deaths were registered in England and Wales. Of these, 8,861 were registered in England and 630 were registered in Wales (Table 1).

Table 1: Deaths registered in England and Wales, week ending 30 December 2022 (Week 52 2022)

<b>Week 52 2022</b>	<b>England and Wales</b>	<b>England</b>	<b>Wales</b>
<b>Total deaths (all causes)</b>	9,517	8,861	630
<b>Total deaths above 5 year average</b>	1,592	1,474	107
<b>Percentage change compared to 5-year average (2016 to 2019 and 2021)</b>	20.1%	20.0%	20.5%
<b>Deaths involving COVID-19</b>	393	367	25
<b>Percentage of deaths involving COVID-19</b>	4.1%	4.1%	4.0%
<b>Total deaths (Week 11 2020 to Week 52 2022)</b>	1,660,048	1,555,212	102,249
<b>Total involving COVID-19 (Week 11 2020 to Week 52 2022)</b>	193,778	182,204	11,247
<b>Total deaths above 5 year average (Week 11 2020 to Week 52 2022)</b>	169,603	162,142	8,715

Source: Office for National Statistics – Deaths registered weekly in England and Wales

The number of deaths from all causes was above the five-year average in the week ending 30 December 2022 (Week 52). Figure 1 shows the number of deaths involving coronavirus (COVID-19) and not involving COVID-19.

### Figure 1: Total deaths from all causes were above the five-year average in Week 52

Number of deaths registered by week, England and Wales, 28 December 2019 to 30 December 2022

#### Notes:

1. Figures include deaths of non-residents.
2. Based on date a death was registered rather than occurred.
3. All figures are provisional.
4. The International Classification of Diseases, 10th Edition (ICD-10) definitions are available in [Section 5: Measuring the data](#).
5. The number of deaths registered in a week are affected when bank holidays occur.
6. The average for 2015 to 2019 is used for comparisons with 2020 and 2021.
7. The average for 2016, 2017, 2018, 2019 and 2021 is used for comparisons with 2022.

[.xlsx](#)

## 3 . Deaths data

### [Deaths registered weekly in England and Wales, provisional](#)

Dataset | Released 10 January 2023

Provisional counts of the number of deaths registered in England and Wales, by age, sex and region, in the latest weeks for which data are available. Includes data on coronavirus (COVID-19) deaths.

### [Death registrations and occurrences by local authority and health board](#)

Dataset | Released 10 January 2023

Provisional counts of the number of deaths registered in England and Wales, including deaths involving COVID-19, by local authority, health board and place of death in the latest weeks for which data are available.

### [Number of deaths in care homes notified to the Care Quality Commission, England](#)

Dataset | Released 10 January 2023

Provisional counts of deaths in care homes caused by COVID-19 by local authority. Published by the Office for National Statistics (ONS) and the Care Quality Commission (CQC).

### [Care home resident deaths registered in England and Wales, provisional](#)

Dataset | Released 10 January 2023

Provisional counts of the number of care home resident deaths.

Try the new way to filter and download these data:

- [Deaths registered weekly in England and Wales by age and sex: COVID-19](#)
- [Deaths registered weekly in England and Wales by region: COVID-19](#)
- [Death registrations and occurrences by local authority and place of death](#)

## 4 . Glossary

### Coronavirus (COVID-19) deaths

COVID-19 deaths are those deaths registered in England and Wales in the stated week where COVID-19 was mentioned on the death certificate. A doctor can certify the involvement of COVID-19 based on symptoms and clinical findings; a positive test result is not required. Definitions of COVID-19 for deaths in Scotland and Northern Ireland are similar to England and Wales.

## 5 . Measuring the data

We publish timely, provisional counts of death registrations in our [Deaths registered weekly in England and Wales, provisional dataset](#). These are presented:

- by sex
- by age group
- for regions (within England)
- for Wales as a whole

To allow time for registration and processing, figures are published 11 days after the week ends. We also provide provisional updated totals for death occurrences based on the latest available death registrations, up to 7 January 2023.

The five-year average shows us the expected number of deaths per week based on the most recent years and smooths random year-on-year fluctuations. We use the 2015 to 2019 five-year average as a usual non-coronavirus (COVID-19) period to compare with. The further we move away from this period, the less robust the measure is because of changes in population numbers, age, and structure.

Deaths registered in 2022 will be compared with the 2016, 2017, 2018, 2019 and 2021 five-year average. As 2021 was a coronavirus pandemic year, other comparisons are also used including week-by-week and 2021 only.

The number of registration days in a reference period can affect mortality statistics. Bank holidays can affect the number of registrations because registration offices are closed.

## Coronavirus

This weekly release provides a breakdown of the number of deaths involving coronavirus. This includes deaths where COVID-19 or suspected COVID-19 was mentioned anywhere on the death certificate, including in combination with other health conditions.

If a death certificate mentions COVID-19, it will not always be the main cause of death but may be a contributory factor.

## Data coverage

The number of weeks in the year will affect how many days the data cover in the year. Leap years require a 53rd week to be added to the end of the calendar year. The last leap year was in 2020. It is more appropriate to compare 2020 figures with the average for week 52 than with a single year from five years previously. Read more on the data coverage for the weekly deaths bulletin in our [Coronavirus and mortality in England and Wales methodology \(Section 1\)](#).

Influenza and pneumonia have been included for comparison in our [Deaths registered weekly in England and Wales, provisional dataset](#). These illnesses are a well understood cause of death involving respiratory infection likely to have somewhat similar risk factors to COVID-19.

## Registration delays

This bulletin is based mainly on the date that deaths are registered, not the date of death. Deaths in England and Wales are normally registered within five days. There can be a longer delay, particularly if the death is referred to a coroner. Read more in our [Impact of registration delays on mortality statistics article](#).

We have developed a statistical model to estimate the number of deaths likely to have occurred in each week based on the previous pattern of registration delays, including the effects of bank holidays. Read more in our [Predicting total weekly death occurrences in England and Wales methodology](#). Results are shown in sheet 11 of our [Deaths registered weekly in England and Wales, provisional dataset](#).

## Classification codes

From the week ending 26 February 2021 (Week 8), new International Classification of Diseases codes for COVID-19 issued by the World Health Organization (WHO) were used for deaths involving COVID-19. Read more in our [Coronavirus and mortality in England and Wales methodology](#).

For further information on data quality, legislation and procedures relating to mortality, and a glossary of terms, view our [User guide to mortality statistics methodology](#).

## 6 . Strengths and limitations

### Comparability

These weekly figures are for England and Wales only. They are from the formal death registration process and may include cases where the doctor completing the death certificate diagnosed possible cases of coronavirus (COVID-19), for example, based on relevant symptoms, but where no test was conducted. The Office for National Statistics (ONS) figures are different from the [daily surveillance figures on COVID-19 deaths published by the Department of Health and Social Care \(DHSC\) on GOV.UK](#), which are for the UK as a whole and its constituent countries.

On 1 February 2022, the UK Health Security Agency technical summary data series was revised to include deaths of positively tested individuals where the death occurred within 28 days, and deaths within 60 days of a positive test. Read more in [the UK Health Security Agency technical summary \(PDF, 443KB\)](#).

Some definitions of COVID-19 deaths differ between sources and settings. Read more in our [Coronavirus and mortality in England and Wales methodology](#).

### Quality

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in our [Mortality statistics in England and Wales QMI](#).

## 7 . Related links

### [Deaths registered in England and Wales: 2021](#)

Bulletin | Released 1 July 2022

Registered deaths by age, sex, selected underlying causes of death and the leading causes of death. Contains death rates and death registrations by area of residence and single year of age.

### [Monthly mortality analysis, England and Wales: November 2022](#)

Bulletin | Released 23 December 2022

Provisional death registration data for England and Wales, broken down by sex, age and country. Includes deaths due to coronavirus (COVID-19) and leading causes of death.

### [Coronavirus \(COVID-19\) latest insights](#)

Interactive tool | Updated as and when data become available

A live roundup of the latest data and trends about the coronavirus pandemic from the Office for National Statistics (ONS) and other sources.

### [Deaths registered in private homes, England and Wales: 2020 final and January to June 2021, provisional](#)

Article | Released 10 November 2021

Deaths registered in private homes by age, sex, place of occurrence and selected underlying causes of death and the leading causes of death.

## 8 . Cite this statistical bulletin

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