

# Deaths involving coronavirus (COVID-19) in Scotland

Week 3 (17 January 2022 to 23 January 2022)



Published on 26 January 2022

This statistical report includes provisional statistics on the number of deaths associated with coronavirus (COVID-19) and the total number of deaths registered in Scotland

## Key Findings

### Deaths involving COVID-19, weekly registrations

- As at the 23<sup>rd</sup> of January 2022, there have been a total of 12,823 deaths registered in Scotland where the novel coronavirus (COVID-19) was mentioned on the death certificate. In week 3 there were 145 deaths involving COVID-19 (up by 10 on the previous week).
- Of deaths involving COVID-19 in the latest week:
  - 78 were male, 67 were female.
  - 16 deaths were aged under 65, 18 were aged 65-74 and there were 111 deaths in people aged 75 or over.
  - Glasgow City (17 deaths), Fife (16 deaths) and North Lanarkshire (13 deaths) had the highest numbers of deaths at council level. In total, 28 (out of 32) council areas had at least one death last week.
  - 91 deaths were in hospitals, 43 were in care homes, 9 were at home or in a non-institutional setting and there were 2 deaths in other institutions.

### Deaths from all causes, weekly registrations

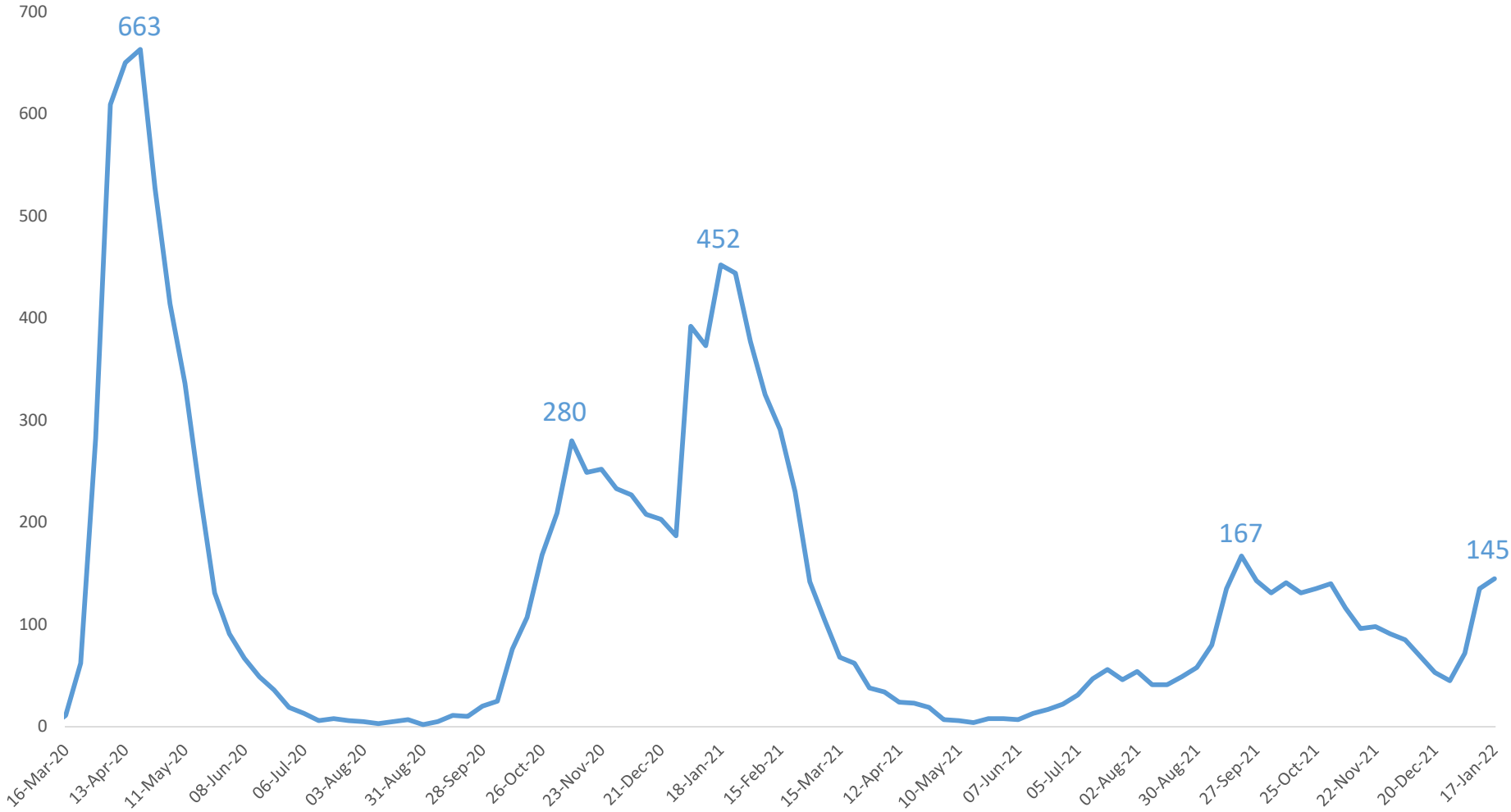
- The total number of deaths registered in Scotland in week 3 of 2022 was 1,331 (5% below average).
- In week 3 there were 61 excess deaths at home or in non-institutional settings (17% above average), 58 fewer deaths in hospitals (8% below average) and 73 fewer deaths in care homes (22% below average) compared to the five-year average.
- Deaths from respiratory causes (81 fewer deaths), circulatory causes (28 fewer deaths), cancer (11 fewer deaths) were below average for this time of year. Deaths from dementia/Alzheimer's were the same as the five-year average and there were 37 excess deaths from other causes. The number of deaths where COVID-19 was the underlying cause was 97.

#### Five year average for calculation of 2022 excess deaths

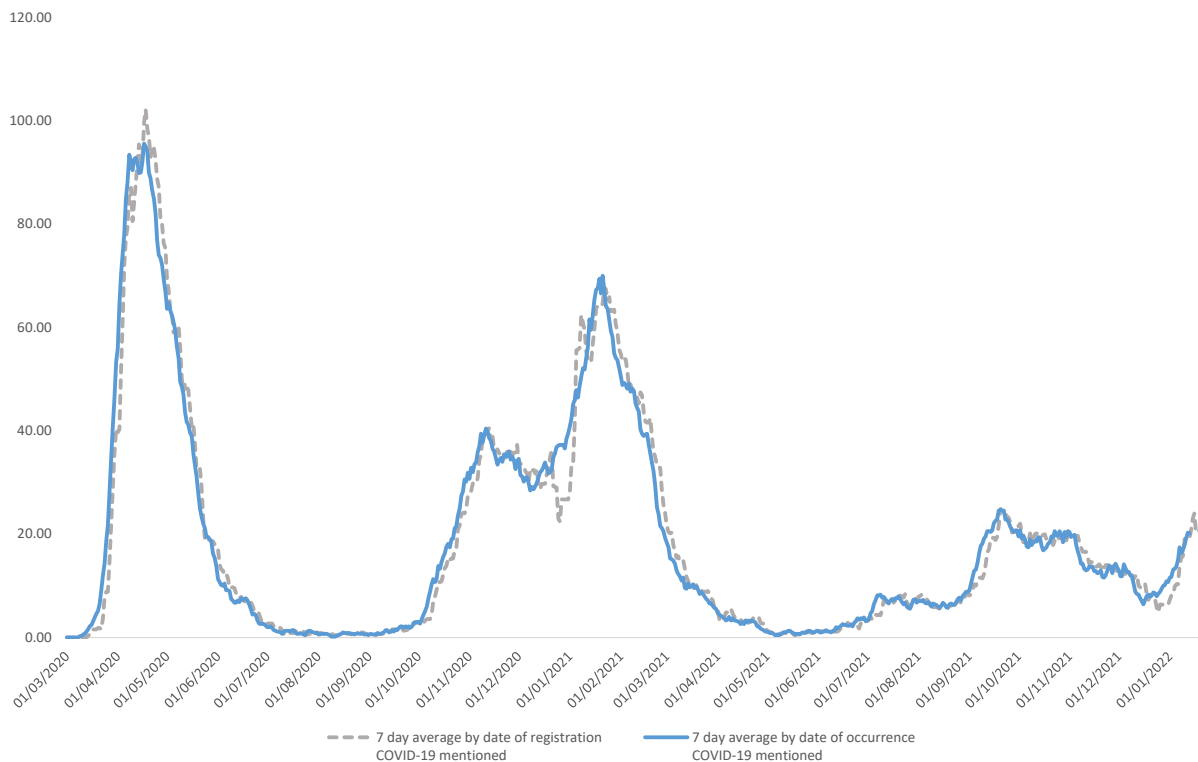
2022 deaths are being compared against a five year average of the years 2016, 2017, 2018, 2019 and 2021. This approach is also being used by the Office for National Statistics (ONS) and the Northern Ireland Statistics and Research Agency (NISRA).

The reasons for this choice are laid out in a paper on the [NRS Website](#).

**Figure 1: Weekly deaths involving COVID-19 in Scotland, week 12 2020 to week 3 2022**



**Figure 2: Deaths involving COVID-19, Date of Occurrence vs Date of Registration**



The figures throughout this report are based on the date a death was registered rather than the date the death occurred. When someone dies, their family (or a representative) have to make an appointment with a registrar to register the death. Legally this must be done within 8 days, although in practice there is, on average, a 3 day gap between a death occurring and being registered. This gap can be greater at certain times of the year such as Easter and Christmas when registration offices are closed for public holidays.

In general, the trend in COVID-19 deaths by date of registration (the NRS headline measure) has a lag of around 3 days when compared with the figures on date of death.

Daily deaths fell from October onwards, reaching their lowest level of 6 deaths per day in mid-December. Deaths began to rise from mid-December and reached an average of 20 per day by mid-January.

This report includes all deaths which were registered by 23<sup>rd</sup> January. There will, however, be deaths which occurred before this date but were not yet registered. In order to include a more complete analysis based on date of occurrence, we need to wait an additional week to allow the registration process to fully complete. The trend based on date of occurrence therefore only includes deaths which occurred by 16<sup>th</sup> January as the majority of these are likely to have been registered by now.

## How do NRS compile these statistics?

- Weekly figures are based on the date of registration. In Scotland deaths must be registered within 8 days but in practice, the average time between death and registration is around 3 days.
- Figures are allocated to weeks based on the ISO8601 standard. Weeks begin on a Monday and end on a Sunday. Often weeks at the beginning and end of a year will overlap the preceding and following years (e.g. week 1 of 2020 began on Monday 30 December 2019) so the weekly figures may not sum to any annual totals which are subsequently produced.
- Deaths involving COVID-19 are defined as those where COVID-19 is mentioned on the death certificate, either as the underlying cause of death or as a contributory cause. Cause of death is coded according to the International Statistical Classification of Diseases and Related Health Conditions 10<sup>th</sup> Revision (ICD-10). The relevant codes included in this publication are U07.1, U07.2, U09.9 and U10.9.
- Figures include deaths where ‘suspected’ or ‘probable’ COVID-19 appears on the death certificate.
- From the week beginning 22 March 2021, new ICD-10 codes issued by the World Health Organisation (WHO) were also used to code deaths involving COVID-19. U09.9 is used for ‘post-COVID’ conditions, when death occurred after acute or ongoing COVID-19. U10.9 is used in the rare cases where ‘Kawasaki-like’ syndrome is caused by COVID-19. Data back to March 2020 has been recoded to ensure consistency of the time series.
- Data are provisional and subject to change in future weekly publications. 2021 data will be finalised in summer 2022. Reasons why the data might be revised later include late registration data being received once the week’s figure have been produced or more information being provided by a certifying doctor or The Crown Office and Procurator Fiscal Service (COPFS) on the cause of death.
- Certain user enquiries for ad-hoc analysis related to COVID-19 deaths have been published on our [website](#).
- The weekly publication includes breakdowns by sex, age, health board, local authority and location of death. It also includes an analysis of excess deaths by location and broad cause of death. We also publish a comprehensive and detailed analysis of mortality on a monthly basis.
- NRS mortality data (COVID-19 and excess deaths) continue to be made available on a weekly basis through the [Scottish Government’s COVID-19 dashboard](#)

## Index of available analysis on registered deaths involving COVID-19

| Breakdown   | Frequency  | When Added                  | Latest Period Covered       | Date Last updated              |
|---|------------|-----------------------------|-----------------------------|--------------------------------|
| <a href="#">Age group</a>                                       | Weekly     | 8 <sup>th</sup> April 2020  | Week 3                      | 26 <sup>th</sup> January 2022  |
| <a href="#">Sex</a>   | Weekly     | 8 <sup>th</sup> April 2020  | Week 3                      | 26 <sup>th</sup> January 2022  |
| <a href="#">Location</a>  | Weekly     | 15 <sup>th</sup> April 2020 | Week 3                      | 26 <sup>th</sup> January 2022  |
| <a href="#">Health Board</a>                                    | Weekly     | 8 <sup>th</sup> April 2020  | Week 3                      | 26 <sup>th</sup> January 2022  |
| <a href="#">Local Authority</a>                                 | Weekly     | 22 <sup>nd</sup> April 2020 | Week 3                      | 26 <sup>th</sup> January 2022  |
| <a href="#">Excess deaths by cause</a>                          | Weekly     | 22 <sup>nd</sup> April 2020 | Week 3                      | 26 <sup>th</sup> January 2022  |
| <a href="#">Excess deaths by cause and location</a>             | Weekly     | 17 <sup>th</sup> June 2020  | Week 3                      | 26 <sup>th</sup> January 2022  |
| <a href="#">Age-standardised mortality rates – Scotland</a>     | Monthly    | 13 <sup>th</sup> May 2020   | December 2021               | 19 <sup>th</sup> January 2022  |
| <a href="#">Age-standardised mortality rates – sub-Scotland</a> | Monthly    | 17 <sup>th</sup> June 2020  | March 2020 – December 2021  | 19 <sup>th</sup> January 2022  |
| <a href="#">Leading causes of death</a>                         | Monthly    | 13 <sup>th</sup> May 2020   | December 2021               | 19 <sup>th</sup> January 2022  |
| <a href="#">Pre-existing conditions</a>                         | Monthly    | 13 <sup>th</sup> May 2020   | December 2021               | 19 <sup>th</sup> January 2022  |
| <a href="#">Deprivation</a>                                     | Monthly    | 13 <sup>th</sup> May 2020   | March 2020 – December 2021  | 19 <sup>th</sup> January 2022  |
| <a href="#">Urban Rural</a>                                     | Monthly    | 13 <sup>th</sup> May 2020   | March 2020 – December 2021  | 19 <sup>th</sup> January 2022  |
| <a href="#">Daily occurrences by location of death</a>          | Monthly    | 13 <sup>th</sup> May 2020   | December 2021               | 19 <sup>th</sup> January 2022  |
| <a href="#">Occupation</a>                                      | Monthly    | 17 <sup>th</sup> June 2020  | March 2020 – December 2021  | 19 <sup>th</sup> January 2022  |
| <a href="#">Intermediate Zone</a>                               | Monthly    | 17 <sup>th</sup> June 2020  | March 2020 – December 2021  | 19 <sup>th</sup> January 2022  |
| <a href="#">Deaths by ICD-10 codes</a>                          | Monthly    | 16 <sup>th</sup> June 2021  | March 2020 – December 2021  | 19 <sup>th</sup> January 2022  |
| <a href="#">Ethnic Group</a>                                    | Occasional | 8 <sup>th</sup> July 2020   | March 2020 – September 2021 | 17 <sup>th</sup> November 2021 |
| <a href="#">Disability</a>                                      | One-off    | 24 <sup>th</sup> March 2021 | March to Jan                | 24 <sup>th</sup> March 2021    |

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Recording the present – At our network of local offices, we register births, marriages, civil partnerships, deaths, divorces and adoptions in Scotland.

Informing the future – We are responsible for the Census of Population in Scotland which we use, with other sources of information, to produce statistics on the population and households.

You can get other detailed statistics that we have produced from the Statistics section of our website. Scottish Census statistics are available on the Scotland’s Census website.

We also provide information about future publications on our website. If you would like us to tell you about future statistical publications, you can register your interest on the Scottish Government ScotStat website.

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### Enquiries and suggestions

Please get in touch if you need any further information, or have any suggestions for improvement.

For media enquiries, please contact [communications@nrscotland.gov.uk](mailto:communications@nrscotland.gov.uk)

For all other enquiries, please contact [statisticscustomerservices@nrscotland.gov.uk](mailto:statisticscustomerservices@nrscotland.gov.uk)