



# Weekly report on the epidemiology of COVID-19 in Ireland

## Week 19, 2024

- The epidemiological weeks in this report, run from Sunday to Saturday. Please refer to the [HPSC website](#) for a complete list of epidemiological weeks with start and end dates for 2023-2024.
- Data for this report are based on cases notified on the Computerised Infectious Disease Reporting (CIDR) up to midnight 11/05/2024. Data were extracted from CIDR system on 14/05/2024. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
- For epidemiological purposes, HPSC reports deaths by date of death, hospitalised cases are reported by date of notification on CIDR and ICU cases are reported by date of admission to ICU.
- Data should be interpreted in the context of the current testing policy. Testing policies can affect the number and age distribution of confirmed cases notified on CIDR. Information on the current testing policy in Ireland can be found [here](#)
- **From week 47, 2023 this report uses population data from Census 2022. Rates may therefore differ from those reported previously which used population data from Census 2016.**

## Key points

### Notified confirmed cases

- In week 19 (between May 05 and May 11 2024) there were 271 new confirmed COVID-19 cases reported on CIDR. This is an increase of 13.4% compared to week 18 when there were 239 confirmed COVID-19 cases notified.
- The highest number of new confirmed COVID-19 cases in week 19 was in the age group of 75-84 years with 26.6% of notified cases in week 19.

### Deaths

- Since the start of the pandemic 9,746 COVID-19 deaths among notified COVID-19 cases have been reported on CIDR. Of these, 0 had a date of death in week 19.

Table 1: Summary characteristics of COVID-19 cases in Ireland during week 19, 2024 and 2024 to date

|  | Week 19, 2024 |            | Total 2024 |            |
|--|---------------|------------|------------|------------|
|  | Number        | Percentage | Number     | Percentage |
| Total number of confirmed cases                          | 271           |            | 7,385      |            |
| Incidence rate of confirmed cases per 100,000 population | 5.3           |            | 143.4      |            |
| <b>Severe cases</b>                                      |               |            |            |            |
| Number of cases hospitalised*^                           | 89            | 32.84      | 3,117      | 42.21      |
| Number of cases admitted to ICU*^                        | 0             |            | 21         |            |
| Number of deaths among confirmed cases*^                 | 0             |            | 157        |            |

\* HPSC reports deaths by date of death, hospitalised cases are reported by date of notification on CIDR and ICU cases are reported by date of admission to ICU.

^ The number of cases hospitalised, cases admitted to ICU and deaths described in the above table relate only to COVID-19 cases where the outcome is known at the time of reporting. It does not reflect all hospitalisations, ICU admissions and deaths related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised, admitted to ICU or deaths for these cases notified during this period as the outcome may not have been notified

## Confirmed cases of COVID-19

Since the start of 2024, a total of 7,385 confirmed COVID-19 cases have been notified on CIDR. In the past week, week 19 2024, 271 confirmed COVID-19 cases were reported on CIDR. This is an increase of 13.4% compared to week 18 when 239 confirmed COVID-19 cases were notified. Figure 1 shows the epidemiological curve of COVID-19 cases notified in Ireland for the last one year to week 19 2024. Data since the start of the pandemic is available on the [Respiratory Virus Data Hub](#).

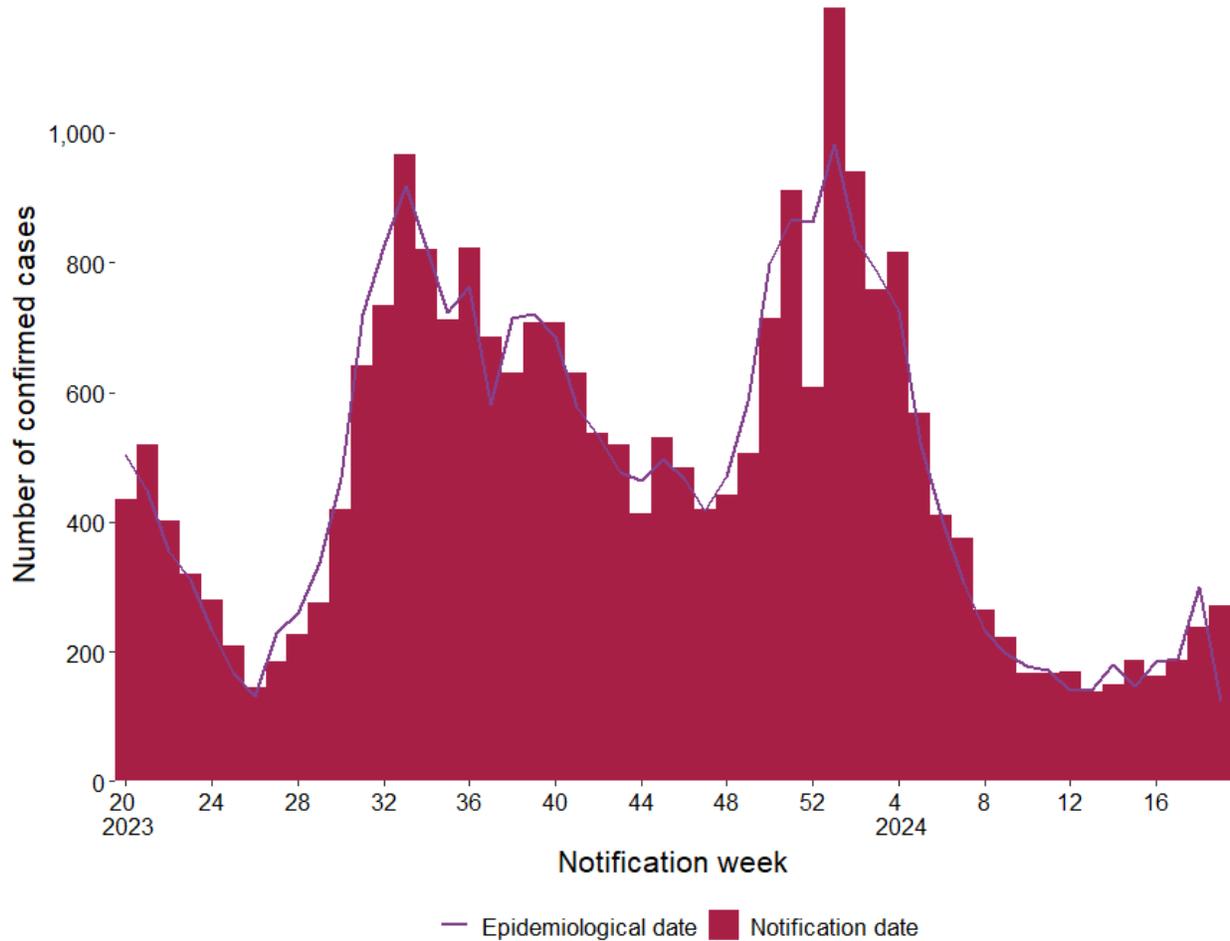


Figure 1a: Number of confirmed COVID-19 cases by notification week and epidemiological date in Ireland between week 20, 2023 and week 19, 2024. The red bars represent the number of confirmed cases by notification date. The purple line represents the number of cases by epidemiological date.

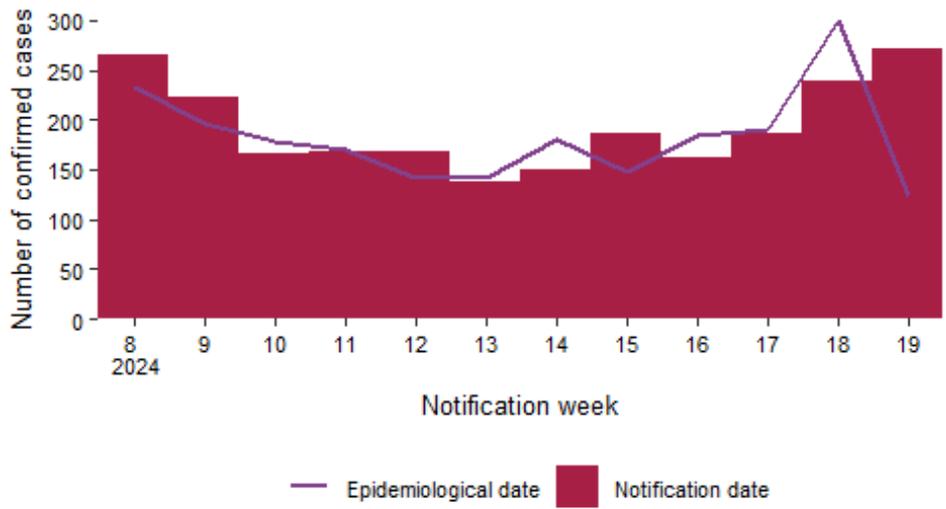
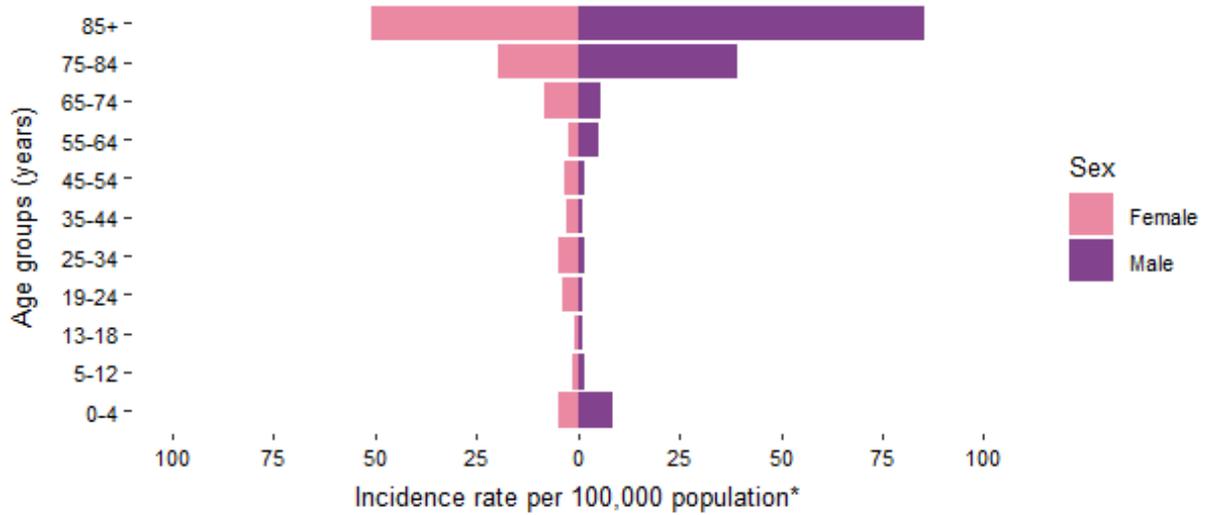


Figure 1b: Number of confirmed COVID-19 cases by notification week and epidemiological date in Ireland in the last 12 weeks. The red bars represent the number of confirmed cases by notification date. The purple line represents the number of cases by epidemiological date.

## Confirmed COVID-19 cases by age and sex

Table 2: Summary characteristics by age and sex of COVID-19 cases notified in Ireland during week 19, 2024 and 2024 to date

|                           | Week 19, 2024 |            | Total 2024 |            |
|---------------------------|---------------|------------|------------|------------|
|                           | Number        | Percentage | Number     | Percentage |
| <b>Gender</b>             |               |            |            |            |
| Males                     | 137           | 50.6       | 3,519      | 47.7       |
| Females                   | 134           | 49.4       | 3,865      | 52.3       |
| M:F ratio                 | 1.02          |            | 0.91       |            |
| <b>Age (years)</b>        |               |            |            |            |
| Mean age                  | 60            |            | 60         |            |
| Median age                | 71            |            | 69         |            |
| Age range                 | 0 - 97        |            | 0 - 103    |            |
| <b>Age groups (years)</b> |               |            |            |            |
| 0-4                       | 20            | 7.4        | 595        | 8.1        |
| 5-12                      | 8             | 3.0        | 154        | 2.1        |
| 13-18                     | 4             | 1.5        | 112        | 1.5        |
| 19-24                     | 9             | 3.3        | 181        | 2.5        |
| 25-34                     | 20            | 7.4        | 428        | 5.8        |
| 35-44                     | 16            | 5.9        | 562        | 7.6        |
| 45-54                     | 17            | 6.3        | 541        | 7.3        |
| 55-64                     | 21            | 7.7        | 719        | 9.7        |
| 65-74                     | 30            | 11.1       | 1,096      | 14.8       |
| 75-84                     | 72            | 26.6       | 1,700      | 23.0       |
| 85+                       | 54            | 19.9       | 1,297      | 17.6       |
| Unknown                   | 0             | 0.0        | 0          | 0.0        |



\*Excluding 0 for whom age is unknown, 0 for whom sex is unknown and 0 for whom both are unknown

Figure 2: Age and sex specific incidence rates of confirmed COVID-19 cases per 100,000 population for current week 19, 2024

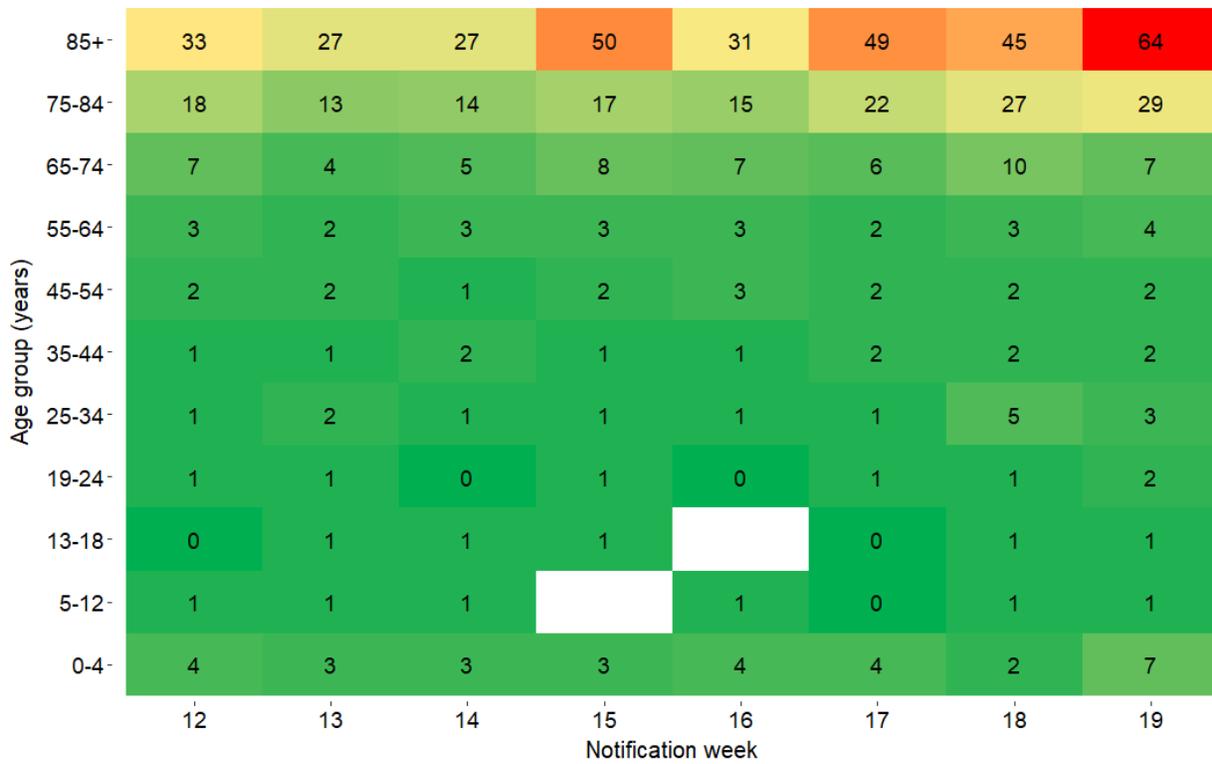


Figure 3: Heat map of weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland for the last 8 weeks

## Cases and incidence by county

Table 3: Characteristics of confirmed COVID-19 cases by county and descending incidence rate per 100,000 notified in Ireland, during week 19, 2024\*

| County    | Number of cases | Percent | Incidence rate per 100,000 |
|-----------|-----------------|---------|----------------------------|
| Louth     | 26              | 9.6     | 18.6                       |
| Wicklow   | 19              | 7.0     | 12.2                       |
| Cavan     | 8               | 3.0     | 9.8                        |
| Donegal   | 16              | 5.9     | 9.6                        |
| Wexford   | 13              | 4.8     | 7.9                        |
| Dublin    | 93              | 34.3    | 7.6                        |
| Tipperary | 11              | 4.1     | 6.6                        |
| Limerick  | 13              | 4.8     | 6.2                        |
| Westmeath | 6               | 2.2     | 6.2                        |
| Leitrim   | 2               | 0.7     | 5.7                        |
| Offaly    | 4               | 1.5     | 4.8                        |
| Meath     | 10              | 3.7     | 4.5                        |
| Sligo     | 3               | 1.1     | 4.3                        |
| Waterford | 5               | 1.8     | 3.9                        |
| Galway    | 10              | 3.7     | 3.6                        |
| Carlow    | 2               | 0.7     | 3.2                        |
| Clare     | 4               | 1.5     | 3.1                        |
| Monaghan  | 2               | 0.7     | 3.1                        |
| Kilkenny  | 3               | 1.1     | 2.9                        |
| Kildare   | 6               | 2.2     | 2.4                        |
| Cork      | 12              | 4.4     | 2.1                        |
| Roscommon | 1               | 0.4     | 1.4                        |
| Mayo      | 1               | 0.4     | 0.7                        |
| Kerry     | 1               | 0.4     | 0.6                        |
| Laois     | 0               | 0.0     | 0.0                        |
| Longford  | 0               | 0.0     | 0.0                        |

\* County data may not be accurately reflected in the most recent week due to ongoing data validations

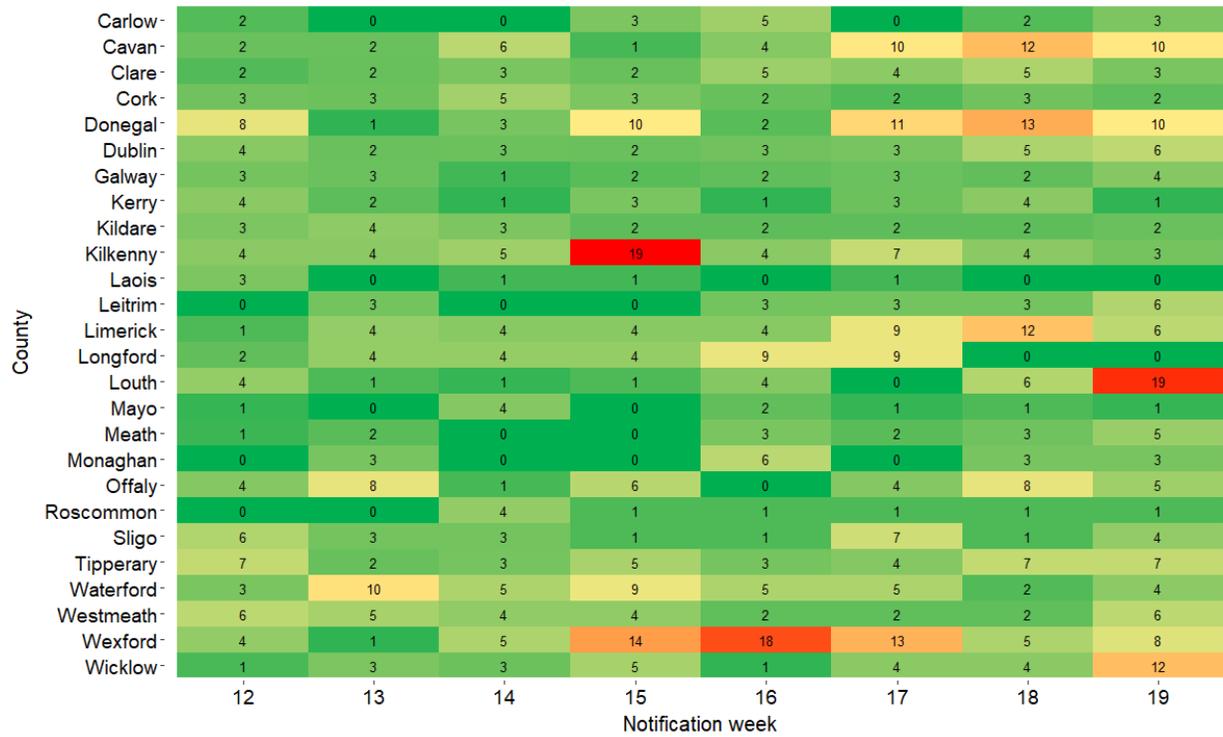


Figure 4: Heat map of weekly incidence rates of confirmed COVID-19 cases per 100,000 population, by county, notified in Ireland for the last 8 weeks

## Hospitalisations

A total of 89 hospitalised confirmed COVID-19 cases were recorded in the latest epidemiological week, week 19 2024.

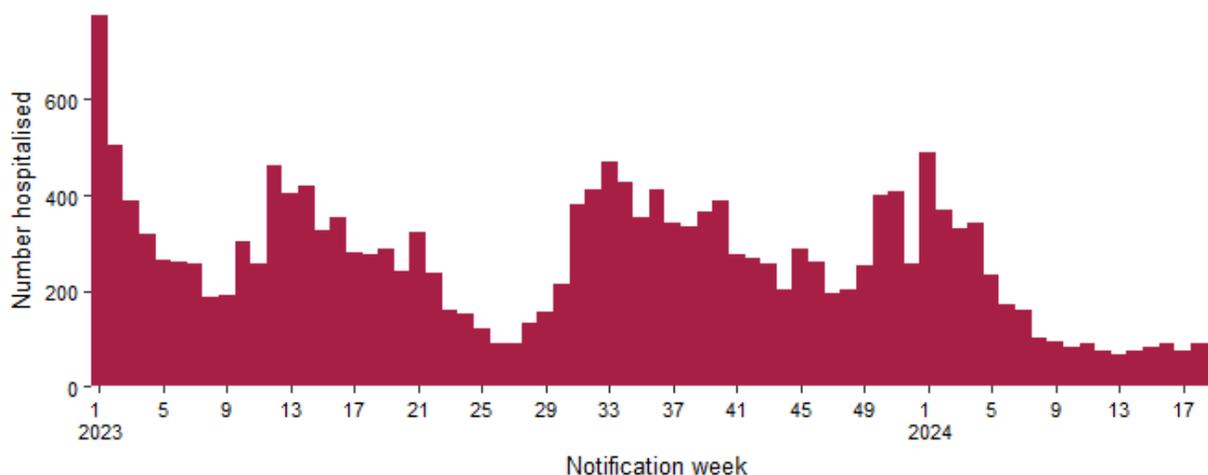


Figure 5: Hospitalisations among confirmed COVID-19 cases notified on CIDR in Ireland between week 1, 2023 and week 19, 2024

Table 4: Number of COVID-19 cases and hospital admissions by age group in Ireland for week 19, 2024 based on week of notification. \*Hospitalisations may be underestimated for recent weeks as the outcome may not yet have occurred or may not yet have been reported to CIDR. ^Data are based on the date the case was notified on CIDR, and not the date of hospital admission.

| Age group | Week 19, 2024   |                    |            | Total 2024      |                    |            |
|-----------|-----------------|--------------------|------------|-----------------|--------------------|------------|
|           | Total cases     | Hospitalised cases |            | Total cases     | Hospitalised cases |            |
|           | Number of cases | Number of cases    | Percentage | Number of cases | Number of cases    | Percentage |
| 0-4       | 20              | 9                  | 45.0       | 595             | 220                | 37.0       |
| 5-12      | 8               | 3                  | 37.5       | 154             | 47                 | 30.5       |
| 13-18     | 4               | 3                  | 75.0       | 112             | 37                 | 33.0       |
| 19-24     | 9               | 3                  | 33.3       | 181             | 51                 | 28.2       |
| 25-34     | 20              | 5                  | 25.0       | 428             | 92                 | 21.5       |
| 35-44     | 16              | 7                  | 43.8       | 562             | 151                | 26.9       |
| 45-54     | 17              | 3                  | 17.6       | 541             | 147                | 27.2       |
| 55-64     | 21              | 8                  | 38.1       | 719             | 297                | 41.3       |
| 65-74     | 30              | 9                  | 30.0       | 1,096           | 555                | 50.6       |
| 75-84     | 72              | 24                 | 33.3       | 1,700           | 859                | 50.5       |
| 85+       | 54              | 15                 | 27.8       | 1,297           | 661                | 51.0       |
| Unknown   | 0               | 0                  | 0.0        | 0               | 0                  | 0.0        |

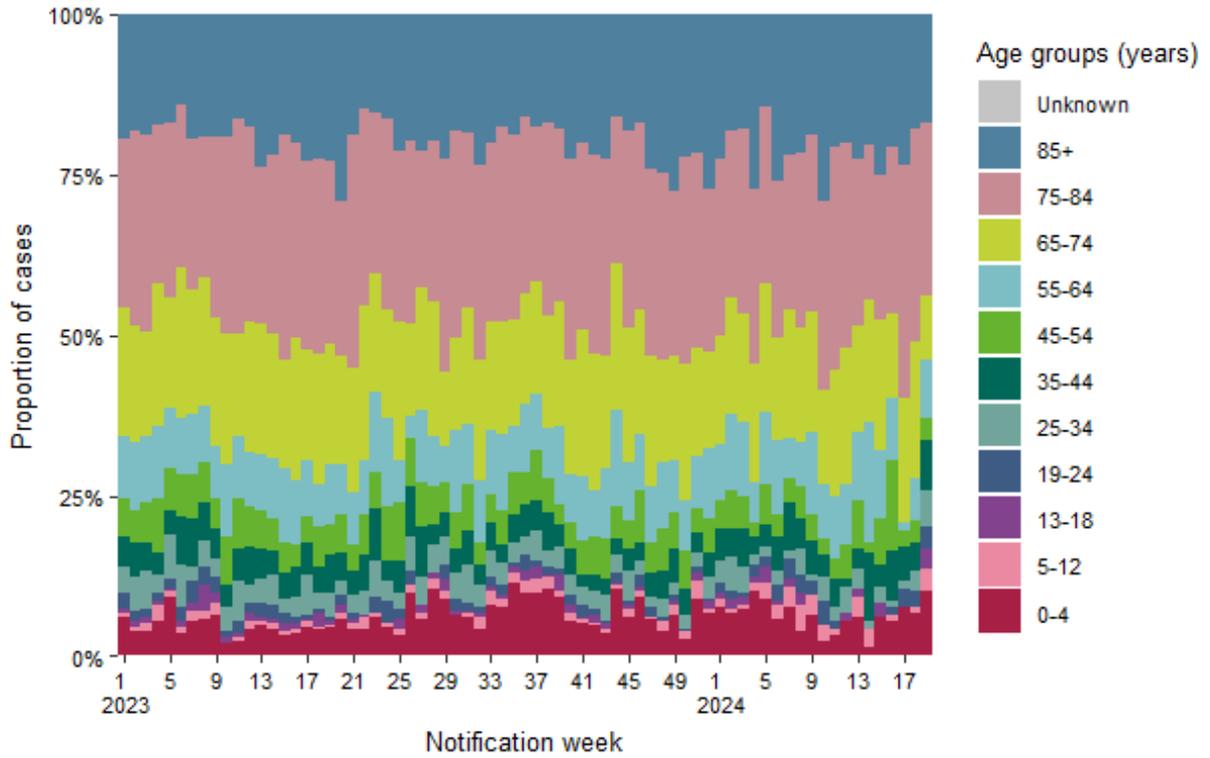


Figure 6: Age distribution of hospitalised confirmed COVID-19 cases notified on CIDR in Ireland between week 1, 2023 and week 19, 2024

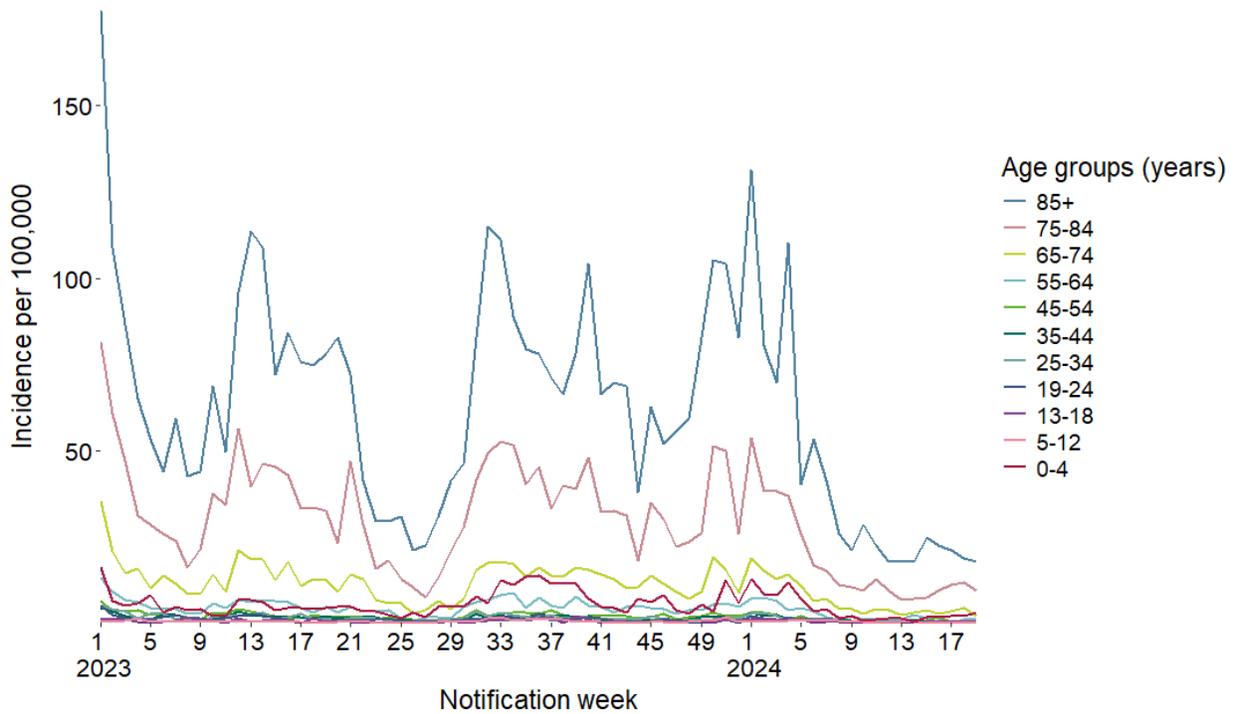


Figure 7: Incidence rate by age group of hospitalisations among confirmed COVID-19 cases on CIDR in Ireland between week 1, 2023 and week 19, 2024

## ICU admissions

A total of 0 COVID-19 cases were admitted to ICU in the latest epidemiological week, week 19 2024.

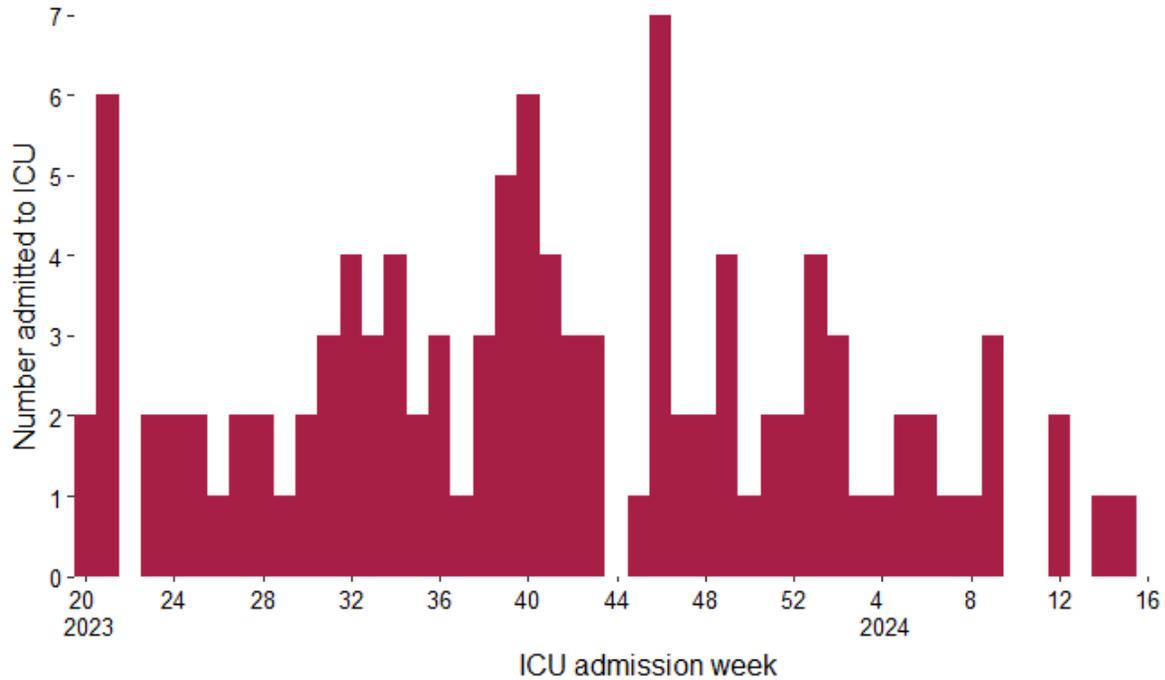


Figure 8: Number of COVID-19 ICU admissions in Ireland by week of ICU admission, between week 20, 2023 and week 19, 2024<sup>1</sup>

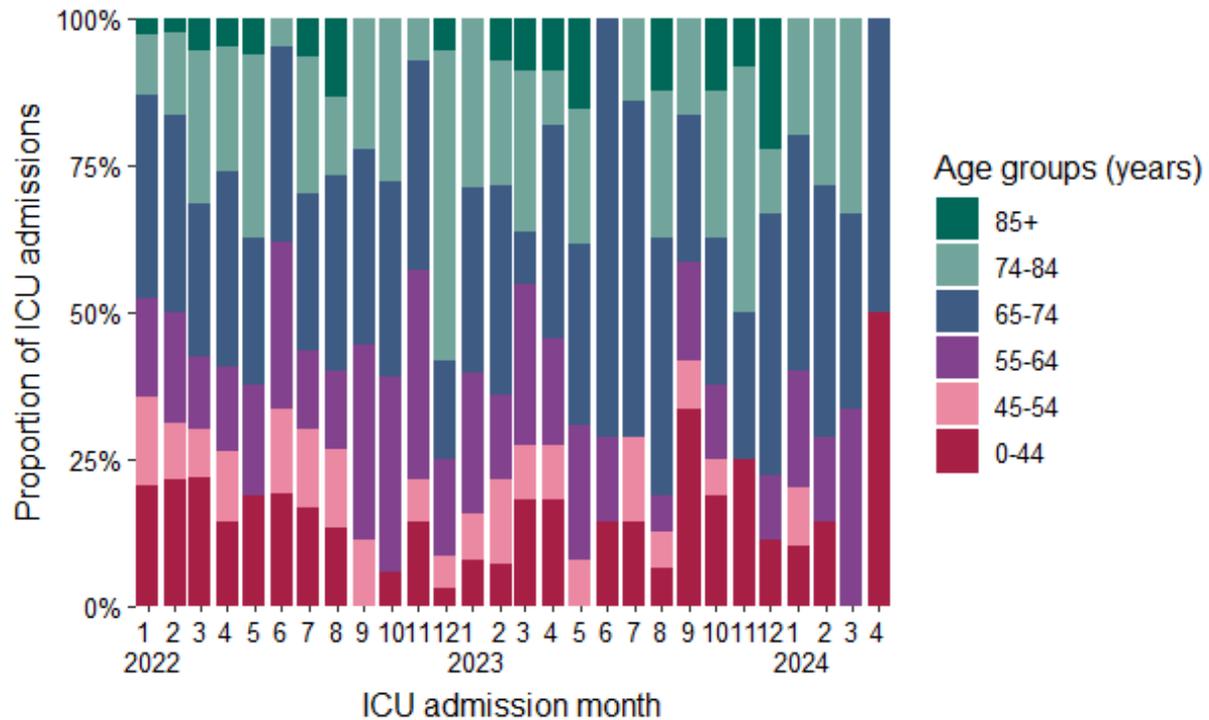


Figure 9: Age distribution of confirmed COVID-19 cases admitted to ICU by month of admission between January, 2022 and May, 2024

<sup>1</sup> Please note that most recent weeks may not yet reflect all admissions

## Deaths

Please note the below figures and tables include all cases (confirmed, probable and possible) who have died.

A total of 0 cases had a date of death in the latest epidemiological week, 19.

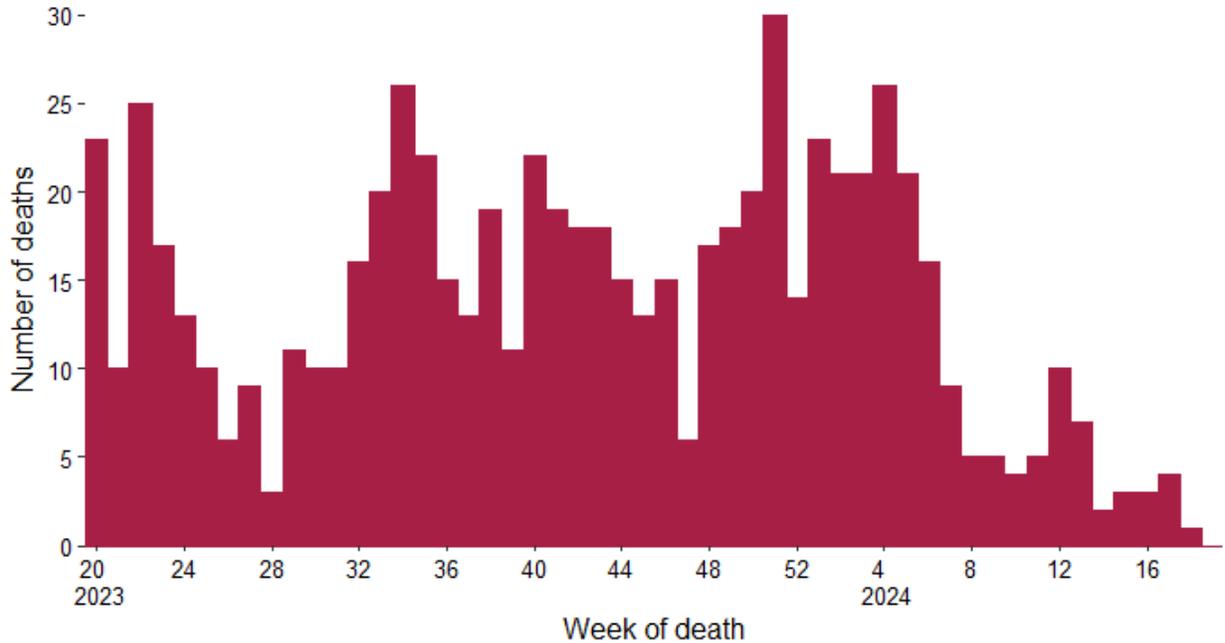


Figure 10: Total number of COVID-19 deaths notified by week of death, cases with a date of notification from week 20, 2023 to 19, 2024<sup>2</sup>. Date of death missing for 0 of the reported deaths

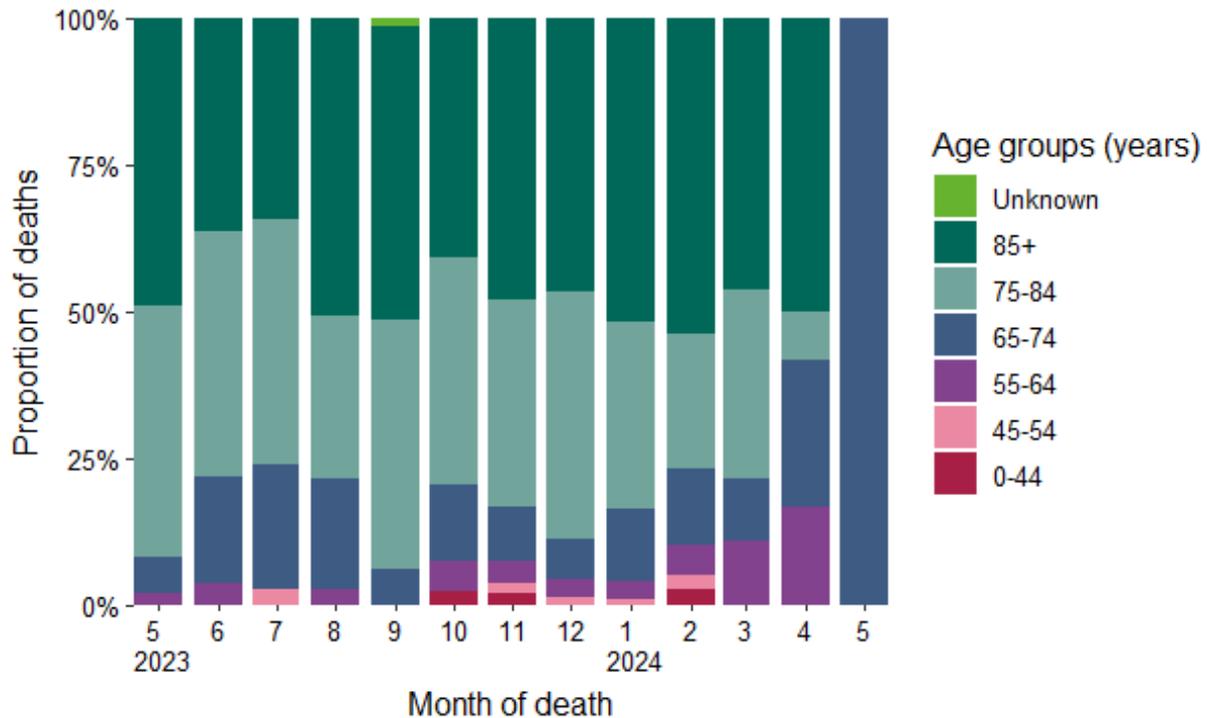


Figure 11: Age distribution of COVID-19 deaths notified on CIDR in Ireland between June, 2023 and May, 2024

<sup>2</sup> Please note that most recent weeks may not yet reflect all deaths

## Laboratory data of SARS-CoV-2 tests

Please note that this data is currently unavailable for weeks 12 to 19, 2024.

In week 11, a total of 5,024 SARS-CoV-2 tests were performed, of which 164 (3.3%) were positive.

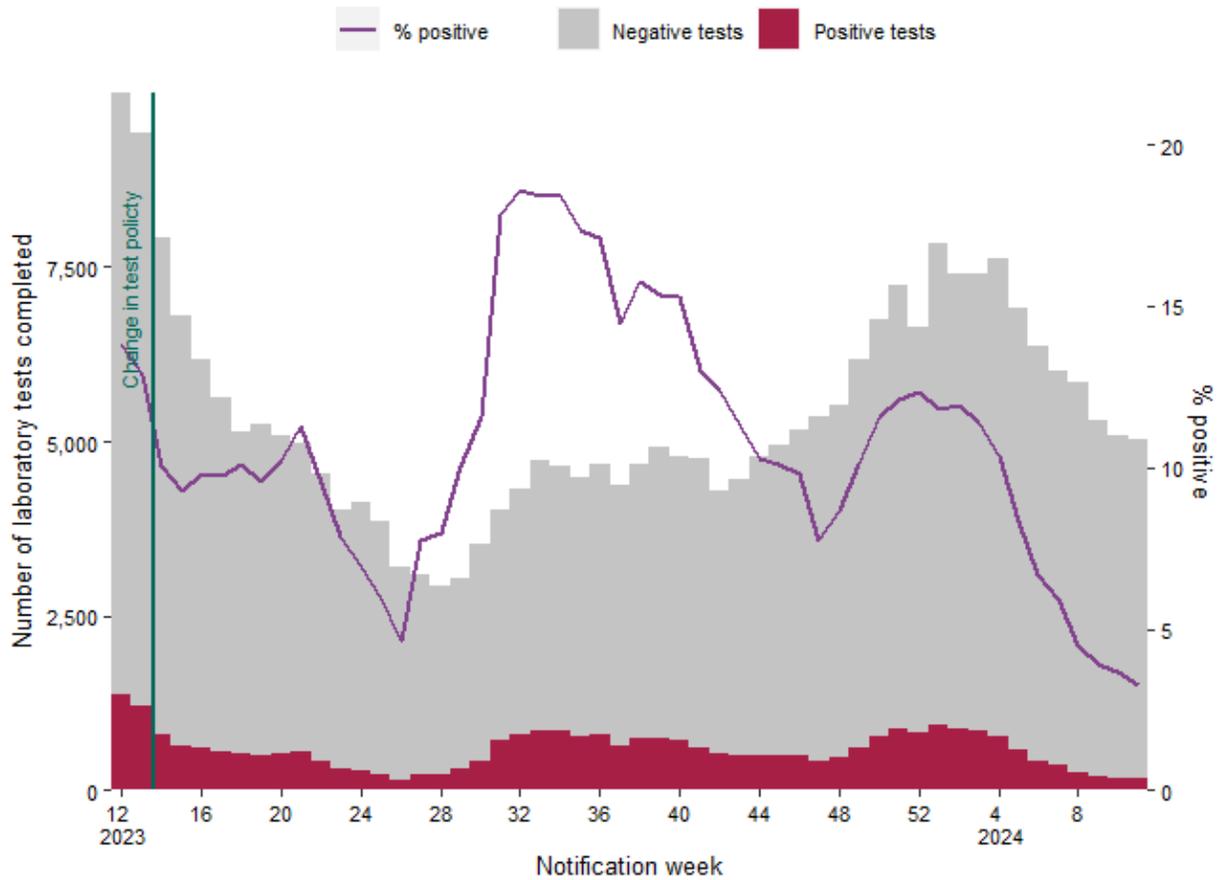


Figure 12: Number of completed laboratory tests by result and % positive tests<sup>3</sup> in Ireland between week 12, 2023 and week 11, 2024. Data source: Deloitte Ireland LLP<sup>4</sup>

<sup>3</sup> Positive tests refer to all positive specimens and includes duplicates and individuals who were retested.

<sup>4</sup> Since 30/03/2023 (week 13, 2023), community test centres closed and laboratory testing was only performed based on clinical assessment.

<sup>6</sup> Data is currently unavailable for weeks 12 to 19, 2024.

## Notes

### Technical Notes

#### 1. Data Source

Data are based on statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system and the HSE COVID care tracker. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures. Slide with Laboratory testing for SARS-CoV-2 data provided by Deloitte Ireland LLP

#### 2. Epidemiological date

Epidemiological date is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR. By using this date rather than event creation/ notification date, adjusts for any delays in testing/notification. Further information on epidemiological dates and weeks can be found on the [HPSC website](#).

#### 3. Population data

Population data were taken from Census 2022. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-12 years, 13-18 years, 19-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and  $\geq 85$  years.

### Acknowledgements

Sincere thanks are extended to all those who are participating in the collection of data and reporting of data used in these reports. This includes the HSE COVID-19 Contact Management Programme (CMP), staff in ICU units, notifying clinicians, laboratory staff, public health doctors, nurses, surveillance scientists, microbiologists and administrative staff.

### Please refer to the Health Protection Surveillance (HPSC) website for

- [Respiratory Virus Data Hub](#)
- [Outbreaks/clusters](#) in Ireland COVID-19 weekly report
- [SARS-CoV-2 wastewater surveillance](#) programme weekly reports
- [Virus variants in Ireland COVID-19 summary report](#)
- [Epidemiology of intensive care admissions in cases of COVID-19](#) in Ireland