



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 07/09/2021

Reporting from the Computerised Infectious Disease Reporting (CIDR) recommenced on 02/09/2021. See link below for further details:

<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/recommencementofreportingfromcidr/>

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 24/08/2021 up to midnight on 06/09/2021

| | Number | Percent |
|--|--------|---------|
| Total number of confirmed cases | 21,472 | |
| National incidence of confirmed cases per 100,000 population | 450.9 | |
| Number of cases hospitalised* | 336 | 1.56 |
| Number of cases admitted to ICU* | 22 | 0.10 |
| Males | 10,623 | 49.5 |
| Females | 10,810 | 50.3 |
| M:F ratio | 0.98 | |
| Median age (years) | 27 | |
| Mean age (years) | 31 | |
| Age range (years) | 0-101 | |

Note: This report will not include data on enhanced surveillance information such as most likely source of transmission and travel. These will now be reported on a weekly basis.

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

On 14 May 2021 the HSE suffered a major cyber-attack on its IT systems. While HSE-HPSC and CIDR were not directly compromised by the cyber-attack, our surveillance partners (Departments of Public Health, laboratories, and others) were. As an interim measure after the cyber-attack, the reported daily number of COVID-19 cases was based on data uploaded to the HSE-CovidCare Tracker (CCT). The data extracted from CCT did not represent notified cases and had not undergone the extent of data validation which is undertaken by Departments of Public Health and HPSC. For this reason, the number of cases reported from CIDR for period affected by the cyber-attack (14th May-1st September) will differ from that previously reported based on CCT data.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 07/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

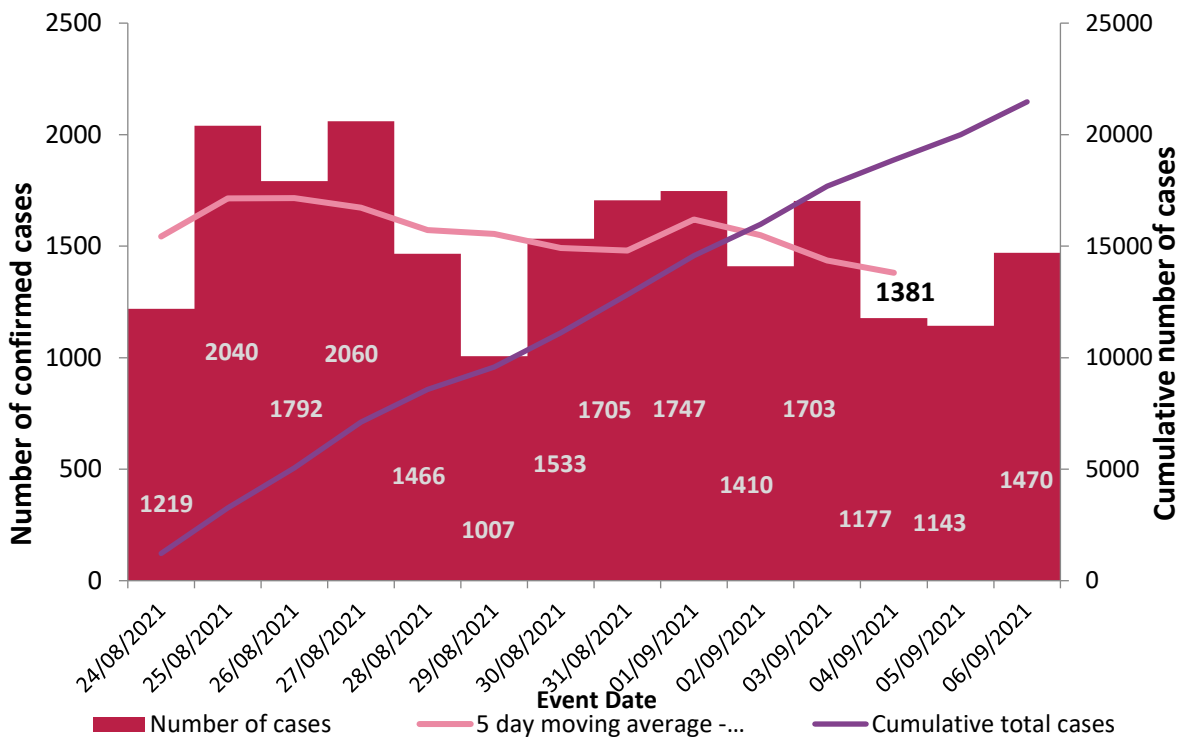


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=21472)

*Please note that due to recent reinstatement of reporting of COVID case numbers from CIDR, case counts may differ from prior reports- please follow link on cover for more details

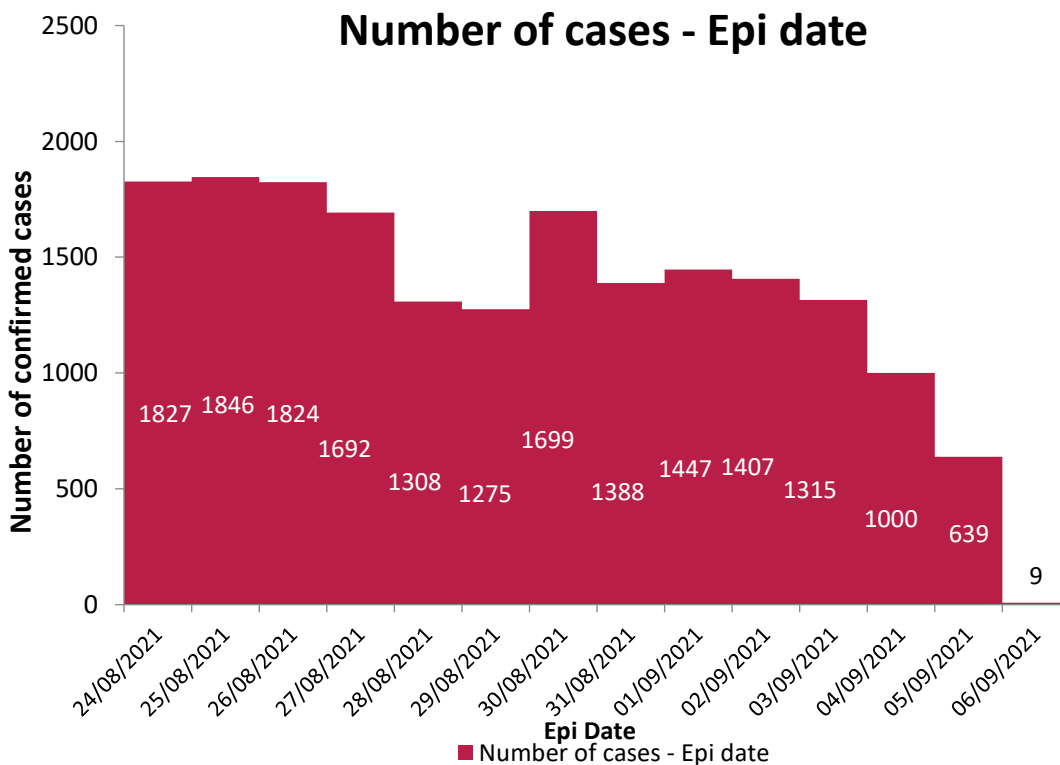


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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.

Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 24/08/2021 up to midnight on 06/09/2021

| Characteristic | | Number of cases | Percent |
|--|--------------------|-----------------|------------|
| Total number of confirmed cases | | 21,472 | 100 |
| Sex | Male | 10,623 | 49.5 |
| | Female | 10,810 | 50.3 |
| | Unknown | 39 | 0.2 |
| Age | Median age (years) | 27 | |
| | Mean age (years) | 31 | |
| | Age range (years) | 0-101 | |
| | 0-4 yrs | 1366 | 6.4 |
| | 5-12 yrs | 3021 | 14.1 |
| | 13-18 yrs | 2644 | 12.3 |
| | 19-24 yrs | 2794 | 13.0 |
| | 25-34 yrs | 3178 | 14.8 |
| | 35-44 yrs | 2986 | 13.9 |
| | 45-54 yrs | 2339 | 10.9 |
| | 55-64 yrs | 1430 | 6.7 |
| | 65-74 yrs | 936 | 4.4 |
| | 75-84 yrs | 490 | 2.3 |
| | 85+ yrs | 288 | 1.3 |
| | Unknown | 0 | |
| | Total | 21,472 | |

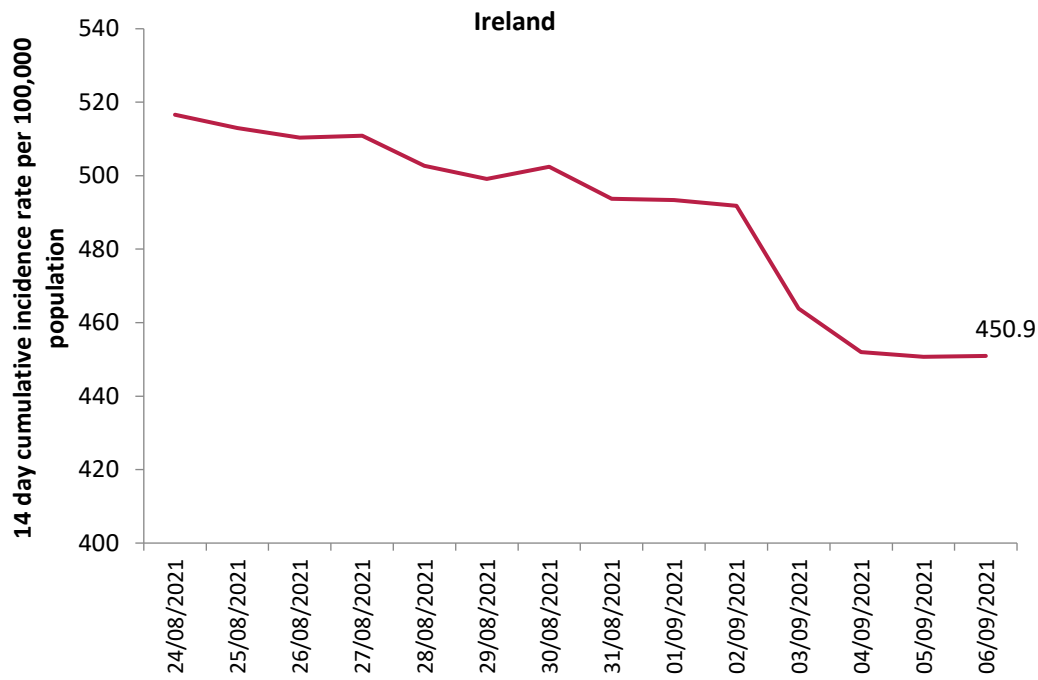


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 24/08/2021 up to midnight on 06/09/2021

*14 day incidence rates per 100,000 populations of confirmed cases of COVID-19 for individual counties can be found in appendix 1 of this report

Table 2: Number of confirmed COVID-19 cases by county notified in Ireland from 24/08/2021 up to midnight on 06/09/2021, 7 day numbers are reported from 31/08/2021 up to midnight on 06/09/2021

| County | Number of confirmed cases in last 7 days | 7-day Incidence per 100,000 population | Number of confirmed cases in last 14 days | 14-day Incidence per 100,000 population | 7 day incidence rate as a percentage of 14 day rate | 5 day moving average of confirmed cases (28/08/2021 - 01/09/2021) |
|---------------|--|--|---|---|---|---|
| Monaghan | 317 | 516.4 | 783 | 1275.5 | 40.49 | 38 |
| Donegal | 719 | 451.7 | 1631 | 1024.5 | 44.08 | 95 |
| Cavan | 254 | 333.4 | 634 | 832.3 | 40.06 | 35 |
| Longford | 127 | 310.7 | 264 | 645.9 | 48.11 | 16 |
| Carlow | 176 | 309.1 | 295 | 518.2 | 59.66 | 23 |
| Roscommon | 197 | 305.2 | 375 | 581.0 | 52.53 | 28 |
| Leitrim | 90 | 280.9 | 212 | 661.6 | 42.45 | 11 |
| Laois | 215 | 253.8 | 310 | 366.0 | 69.35 | 32 |
| Offaly | 192 | 246.3 | 370 | 474.6 | 51.89 | 29 |
| Louth | 309 | 239.8 | 657 | 509.8 | 47.03 | 43 |
| Dublin | 3,196 | 237.2 | 6031 | 447.6 | 52.99 | 434 |
| Mayo | 303 | 232.2 | 611 | 468.2 | 49.59 | 40 |
| Meath | 414 | 212.3 | 862 | 442.0 | 48.03 | 60 |
| Kerry | 301 | 203.8 | 776 | 525.4 | 38.79 | 40 |
| Clare | 233 | 196.1 | 408 | 343.4 | 57.11 | 32 |
| Westmeath | 174 | 196.0 | 340 | 383.0 | 51.18 | 24 |
| Limerick | 376 | 192.9 | 864 | 443.3 | 43.52 | 47 |
| Galway | 470 | 182.1 | 1068 | 413.9 | 44.01 | 55 |
| Tipperary | 282 | 176.7 | 644 | 403.6 | 43.79 | 38 |
| Sligo | 105 | 160.2 | 268 | 408.9 | 39.18 | 12 |
| Cork | 842 | 155.1 | 1808 | 333.0 | 46.57 | 106 |
| Kildare | 343 | 154.2 | 726 | 326.3 | 47.25 | 47 |
| Wicklow | 209 | 146.7 | 427 | 299.8 | 48.95 | 31 |
| Kilkenny | 143 | 144.1 | 348 | 350.7 | 41.09 | 17 |
| Waterford | 164 | 141.2 | 325 | 279.7 | 50.46 | 25 |
| Wexford | 204 | 136.3 | 435 | 290.5 | 46.90 | 22 |
| Unknown/Other | | | | | | |
| Total | 10,355 | 217.5 | 21472 | 450.9 | 48.23 | 1381 |

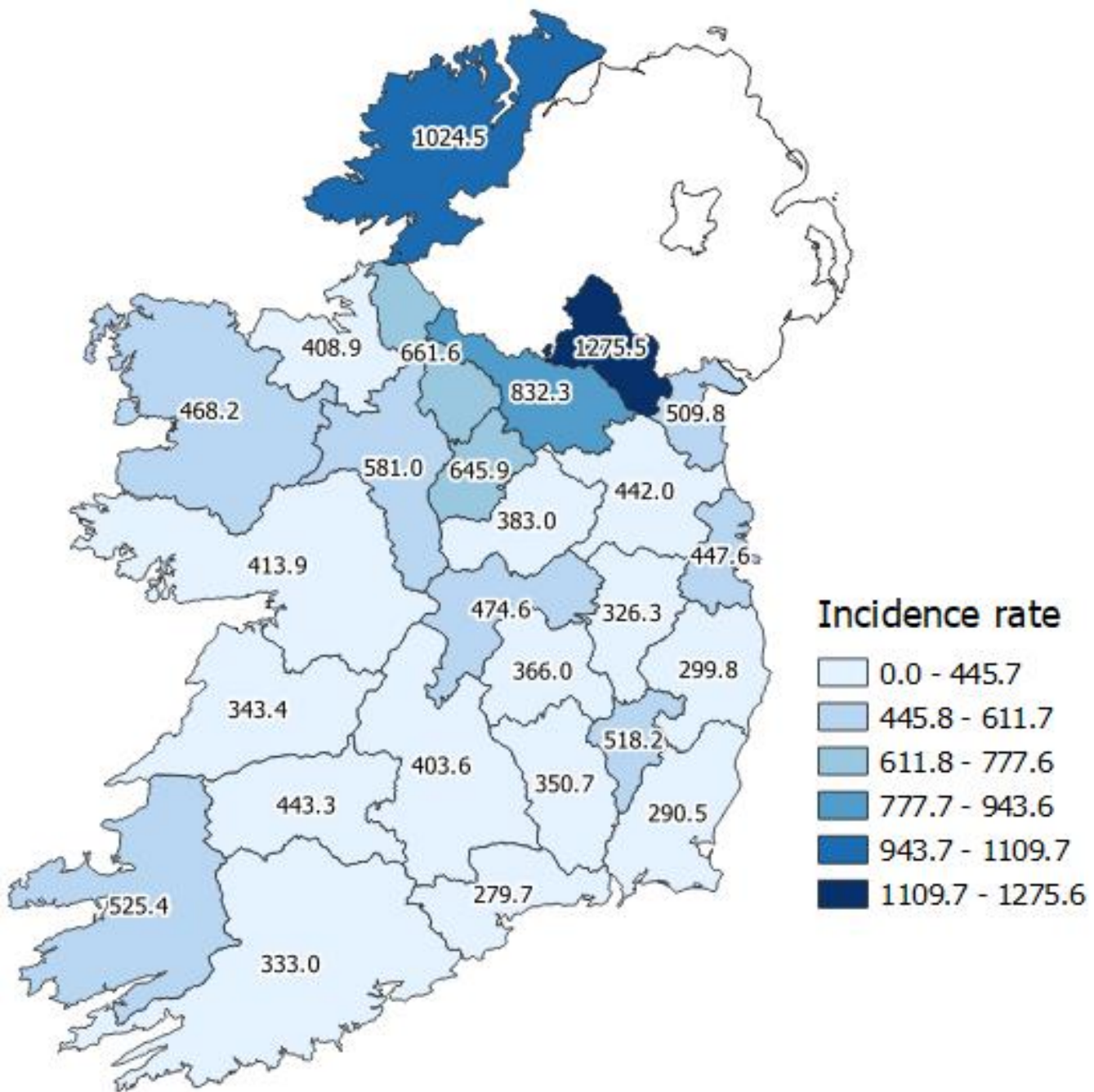


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 24/08/2021 up to midnight on 06/09/2021

Please do not directly compare county shades to previous maps. The categories listed will change as the number of cases change, which may result in changes to the map shading.

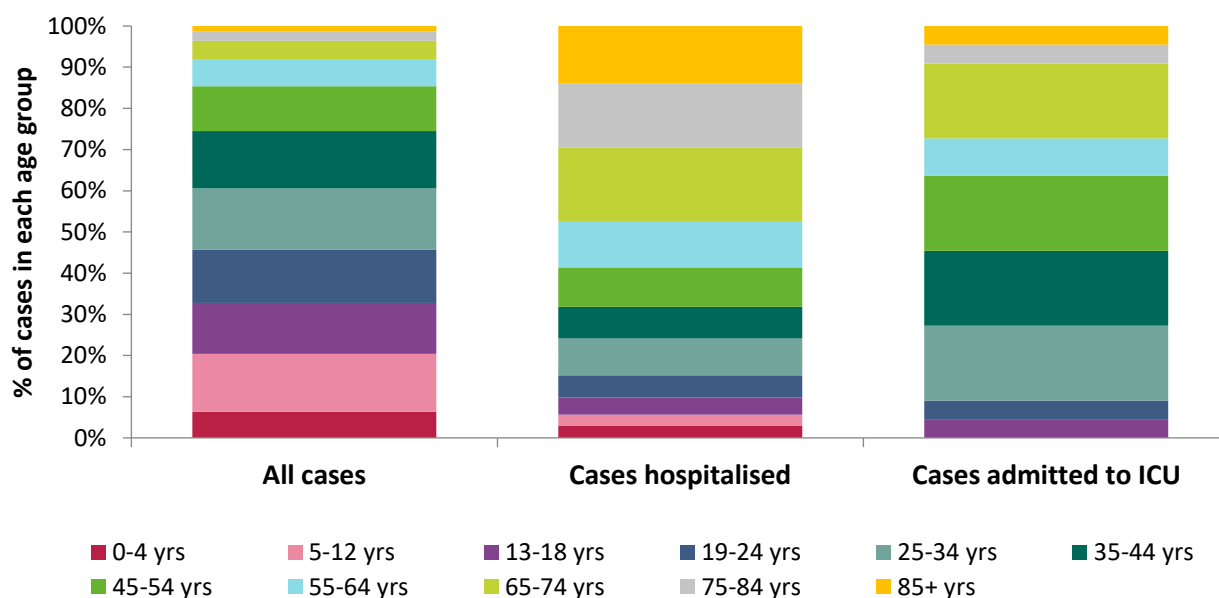


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 24/08/2021 up to midnight on 06/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 24/08/2021 up to midnight on 06/09/2021, by age group, hospitalisation and ICU admission*

| Age Group (years) | Number of cases (n) | Number of cases (%) | Cases hospitalised (n) | Cases hospitalised (%) | Cases admitted to ICU (n) | Cases admitted to ICU (%) |
|-------------------|---------------------|---------------------|------------------------|------------------------|---------------------------|---------------------------|
| 0-4 yrs | 1366 | 6.4 | 10 | 3.0 | 0 | 0.0 |
| 5-12 yrs | 3021 | 14.1 | 9 | 2.7 | 0 | 0.0 |
| 13-18 yrs | 2644 | 12.3 | 14 | 4.2 | <5 | - |
| 19-24 yrs | 2794 | 13.0 | 18 | 5.4 | <5 | - |
| 25-34 yrs | 3178 | 14.8 | 30 | 8.9 | <5 | - |
| 35-44 yrs | 2986 | 13.9 | 26 | 7.7 | <5 | - |
| 45-54 yrs | 2339 | 10.9 | 32 | 9.5 | <5 | - |
| 55-64 yrs | 1430 | 6.7 | 38 | 11.3 | <5 | - |
| 65-74 yrs | 936 | 4.4 | 60 | 17.9 | <5 | - |
| 75-84 yrs | 490 | 2.3 | 52 | 15.5 | <5 | - |
| 85+ yrs | 288 | 1.3 | 47 | 14.0 | <5 | - |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Total | 21472 | 100 | 336 | 100 | 22 | 100 |

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

Table 4: Daily number of confirmed COVID-19 cases notified in Ireland from 24/08/2021 up to midnight on 06/09/2021

| Date | Number of confirmed cases |
|--------------|---------------------------|
| 24/08/2021 | 1219 |
| 25/08/2021 | 2040 |
| 26/08/2021 | 1792 |
| 27/08/2021 | 2060 |
| 28/08/2021 | 1466 |
| 29/08/2021 | 1007 |
| 30/08/2021 | 1533 |
| 31/08/2021 | 1705 |
| 01/09/2021 | 1747 |
| 02/09/2021 | 1410 |
| 03/09/2021 | 1703 |
| 04/09/2021 | 1177 |
| 05/09/2021 | 1143 |
| 06/09/2021 | 1470 |
| Total | 21,472 |

*Please note that due to recent reinstatement of reporting of COVID case numbers from CIDR, case counts may differ from prior reports- please follow link on cover for more details

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.

Report prepared by COVID-19 Epidemiology Team, HPSC

Technical Notes

1. Data Source

Data are based on statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

2. Population data

Population data were taken from Census 2016. 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 ≥ 85 years.

3. Epidemiological date

The epi-date is the epidemiological date for a case. It 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.

4. Return to reporting from CIDR

Reporting from the Computerised Infectious Disease Reporting (CIDR) recommenced on 02/09/2021. See link below for further details:

<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/recommencementofreportingfromcidr/>

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (24/08/2021 to 06/09/2021)

