# Epidemiology of COVID-19 in Ireland - HPSC interim 14 day report on cases uploaded to the COVID Care Tracker

Report prepared by HPSC on    05/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 21/06/2021 up to midnight on 04/07/2021

|  | Number | Percent |
|---|---|---|
| Total number of confirmed cases on COVID CCT | 5,498 | |
| National incidence of confirmed cases per 100,000 population | 115.5 | |
| Number of cases in healthcare workers | 135 | 2.5 |
| Males | 2,790 | 50.7 |
| Females | 2,704 | 49.2 |
| M:F ratio | 1.0 | |
| Median age (years) | 24 | |
| Mean age (years) | 28 | |
| Age range (years) | 0-94 | |

Note: Data included in this report are based on SARS CoV-2 results uploaded to the COVID Care Tracker.   These data are provisional and subject to ongoing review, validation and update.

The reported epidemiology of COVID-19, including the daily number of COVID-19 cases and the 14-day incidence reports, is normally based on the notifications to the Computerised Infectious Disease Reporting (CIDR) system. The cyber-attack on the HSE on 14 May 2021 has prevented the routine notification of cases, associated deaths and outbreaks of COVID-19 to CIDR. As an interim measure, provisional epidemiological reports will be prepared based on the information captured by the HSE COVID Care Tracker. Please note that these data do not represent notified cases, and have not undergone the data validation procedures undertaken through CIDR. For this reason, data in this report may differ from that previously reported based on CIDR data for this period. Similarly, future data reported for this period may differ from that presented in this report. As soon as all COVID-19 surveillance systems are restored, surveillance staff in laboratories, the Departments of Public Health and HPSC will work together to retrospectively collate and validate COVID-19 cases, outbreaks and deaths diagnosed and/or notified during this period.

**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 21/06/2021 up to midnight on 04/07/2021**

| Characteristic | | Number of cases | Percent |
|---|---|---|---|
| **Total number of confirmed cases** | | 5,498 | **100** |
| **Sex** | Male | 2,790 | 50.7 |
| | Female | 2,704 | 49.2 |
| | Unknown | 4 | 0.1 |
| **Age** | Median age (years) | 24 | |
| | Mean age (years) | 28 | |
| | Age range (years) | 0-94 | |
| | 0-4 yrs | 269 | 4.9 |
| | 5-12 yrs | 735 | 13.4 |
| | 13-18 yrs | 578 | 10.5 |
| | 19-24 yrs | 1193 | 21.7 |
| | 25-34 yrs | 1020 | 18.6 |
| | 35-44 yrs | 850 | 15.5 |
| | 45-54 yrs | 459 | 8.3 |
| | 55-64 yrs | 250 | 4.5 |
| | 65-74 yrs | 110 | 2.0 |
| | 75-84 yrs | 26 | 0.5 |
| | 85+ yrs | 8 | 0.1 |
| | Total | 5,498 | |

**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 21/06/2021 up to midnight on 04/07/2021**

| Characteristic | | Number of cases | Percent | Percent where known |
|---|---|---|---|---|
| **Total number of confirmed cases** | | **5,498** | **100** | |
| **Symptom status at time of test*** | Yes | 3,751 | 68.2 | 77.1 |
| | No | 1,113 | 20.2 | 22.9 |
| | Unknown | 634 | 11.5 | |
| | Total cases where known | **4,864** | | |
| **Healthcare worker** | Yes | 135 | 2.5 | 2.7 |
| | No | 4,873 | 88.6 | 97.3 |
| | Unknown | 490 | 8.9 | |
| | Total cases where known | **5,008** | | |

*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.
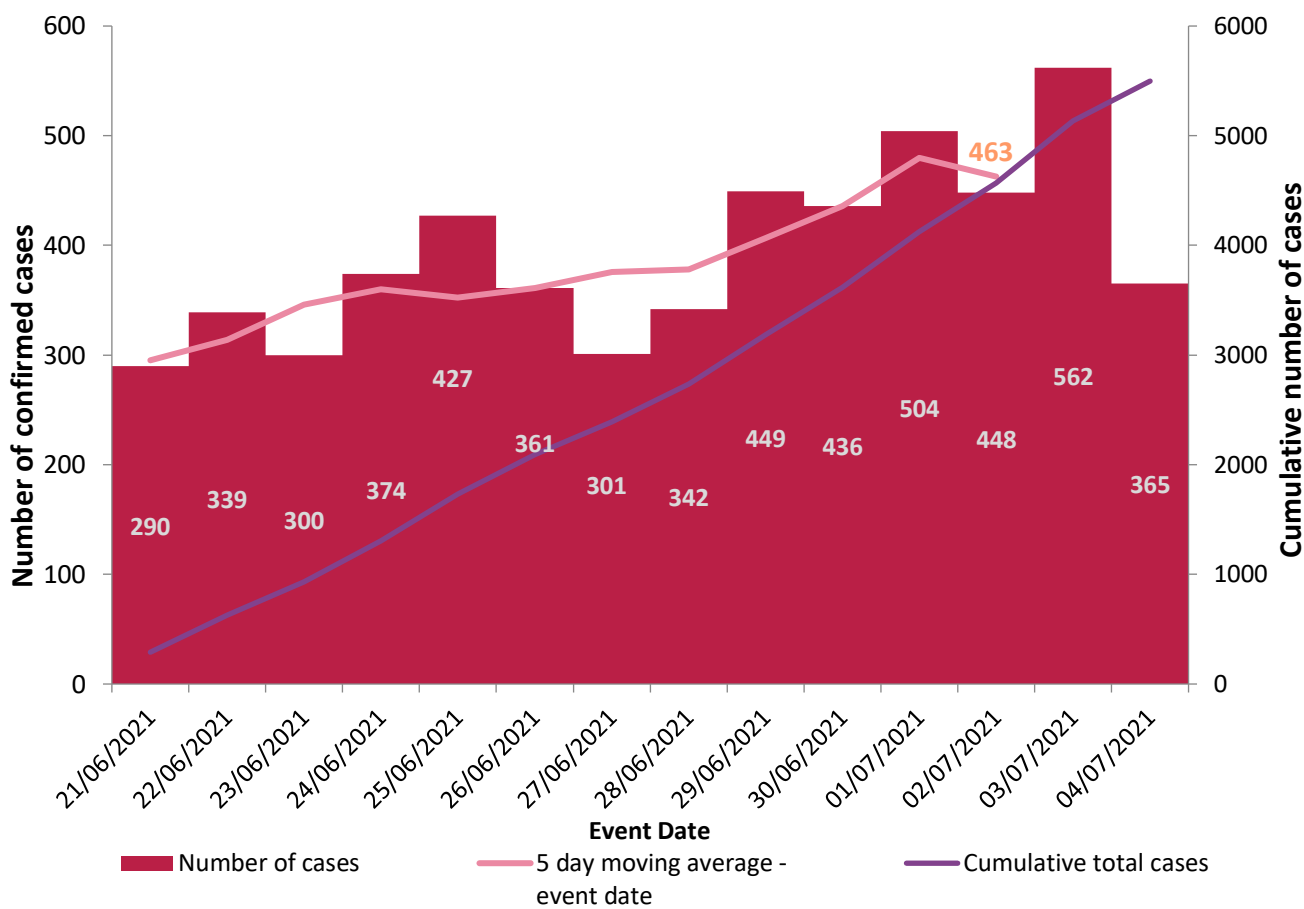
**Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=5498)**
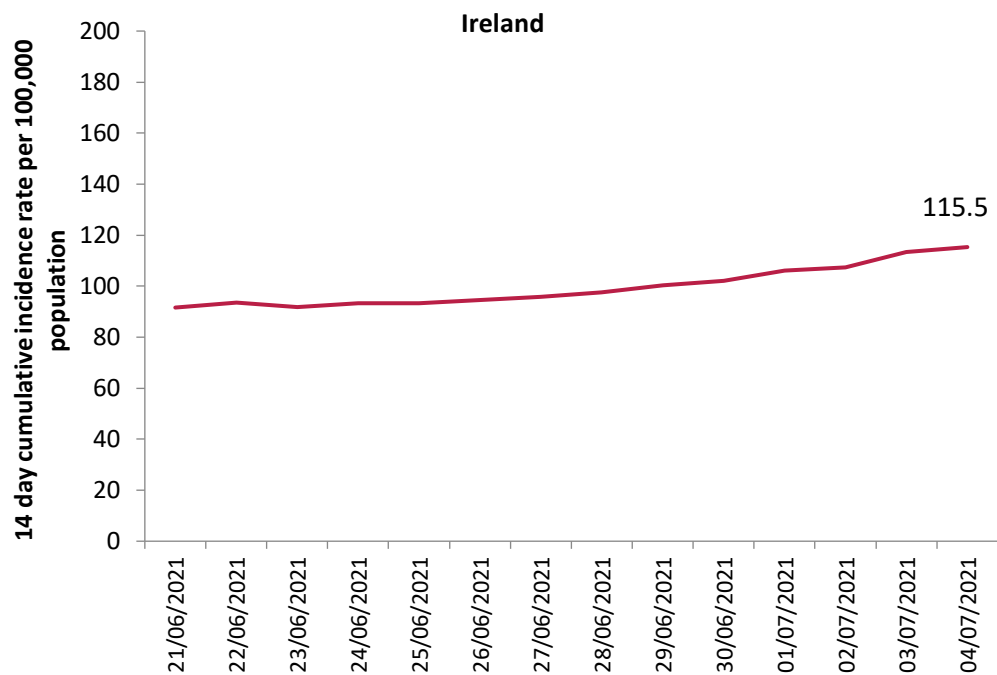
**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 21/06/2021 up to midnight on 04/07/2021**

*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 3: Number of confirmed COVID-19 cases by county in Ireland uploaded to the COVID Care Tracker from 21/06/2021 up to midnight on 04/07/2021**

| County | Number of confirmed cases | Incidence per 100,000 population | 5 day moving average of confirmed cases (30/06/2021 - 04/07/2021) |
|---|---|---|---|
| Donegal | 545 | 342.4 | 51 |
| Waterford | 263 | 226.4 | 12 |
| Sligo | 141 | 215.2 | 10 |
| Roscommon | 116 | 179.7 | 10 |
| Dublin | 2,188 | 162.4 | 190 |
| Limerick | 309 | 158.5 | 22 |
| Westmeath | 107 | 120.5 | 8 |
| Meath | 230 | 117.9 | 19 |
| Clare | 125 | 105.2 | 6 |
| Louth | 134 | 104.0 | 13 |
| Laois | 83 | 98.0 | 8 |
| Offaly | 74 | 94.9 | 5 |
| Cavan | 61 | 80.1 | 7 |
| Kildare | 177 | 79.5 | 15 |
| Galway | 190 | 73.6 | 13 |
| Wicklow | 93 | 65.3 | 10 |
| Longford | 25 | 61.2 | 2 |
| Mayo | 72 | 55.2 | 9 |
| Tipperary | 87 | 54.5 | 7 |
| Kerry | 77 | 52.1 | 10 |
| Monaghan | 31 | 50.5 | 3 |
| Wexford | 72 | 48.1 | 9 |
| Kilkenny | 43 | 43.3 | 4 |
| Cork | 222 | 40.9 | 17 |
| Leitrim | 11 | 34.3 | 1 |
| Carlow | 15 | 26.3 | 2 |
| Unknown | 7 | | |
| **Total** | **5,498** | **115.5** | **463** |

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 21/06/2021 up to midnight on 04/07/2021**

| Most likely transmission source | Number of cases | Percent |
|---|---|---|
| Travel related | 325 | 5.9 |
| Close contact with a known confirmed case | 3,309 | 60.2 |
| Healthcare setting acquired: patient | 6 | 0.1 |
| Healthcare setting acquired: staff | 9 | 0.2 |
| Community transmission | 1,309 | 23.8 |
| Under investigation | 540 | 9.8 |
| **Total cases with known most likely transmission source** | **4,958** | **90.2** |
| **Total** | **5,498** | **100** |

The most likely transmission source should be interpreted with caution as data may not be updated based on additional investigations undertaken by Departments of Public Health Medicine as occurred previously with CIDR

**Table 5: Daily number of confirmed COVID-19 cases uploaded to the COVID Care Tracker from 21/06/2021 up to midnight on 04/07/2021**

| Date | Number of confirmed cases |
|---|---|
| 21/06/2021 | 290 |
| 22/06/2021 | 339 |
| 23/06/2021 | 300 |
| 24/06/2021 | 374 |
| 25/06/2021 | 427 |
| 26/06/2021 | 361 |
| 27/06/2021 | 301 |
| 28/06/2021 | 342 |
| 29/06/2021 | 449 |
| 30/06/2021 | 436 |
| 01/07/2021 | 504 |
| 02/07/2021 | 448 |
| 03/07/2021 | 562 |
| 04/07/2021 | 365 |
| **Total** | **5,498** |

## Technical Notes

### 1. Data Source

Data are based on information uploaded to the COVID Care Tracker (CCT). Please note that these data do not represent notified cases, and have not undergone normal data validation procedures. Data are therefore provisional and subject to ongoing review and update. As a result, figures in this report may differ from previously published figures.

### 2. Dates

Daily totals are based on the date a positive sample for a case is uploaded to the CCT. In situations where two samples are uploaded for the same case the earliest date is used.

### 3. 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.

### 4. Transmission classification

Transmission classification is based on country of infection as well as enhanced exposure data (international travel; close contact of a case) recorded in CCT. Transmission is classified as 'unknown' due to incomplete data on CCT.

Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

# Appendix 1

**Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (21/06/2021 to 04/07/2021)**

## Galway

73.6

## Kerry

52.1

## Kildare

79.5

## Kilkenny

43.3

## Laois

98

## Leitrim

34.3

## Limerick

158.5

## Longford

61.2

## Louth



104

## Mayo



55.2

## Meath



117.9

## Monaghan



50.5

## Offaly



94.9

## Roscommon



179.7

## Sligo



215.2

## Tipperary



54.5

## Waterford



226.4

## Westmeath



120.5

## Wexford



48.1

## Wicklow



65.3