

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

Report prepared by HPSC on 06/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 22/06/2021 up to midnight on 05/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	5,605	
National incidence of confirmed cases per 100,000 population	117.7	
Number of cases in healthcare workers	137	2.4
Males	2,833	50.5
Females	2,768	49.4
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.

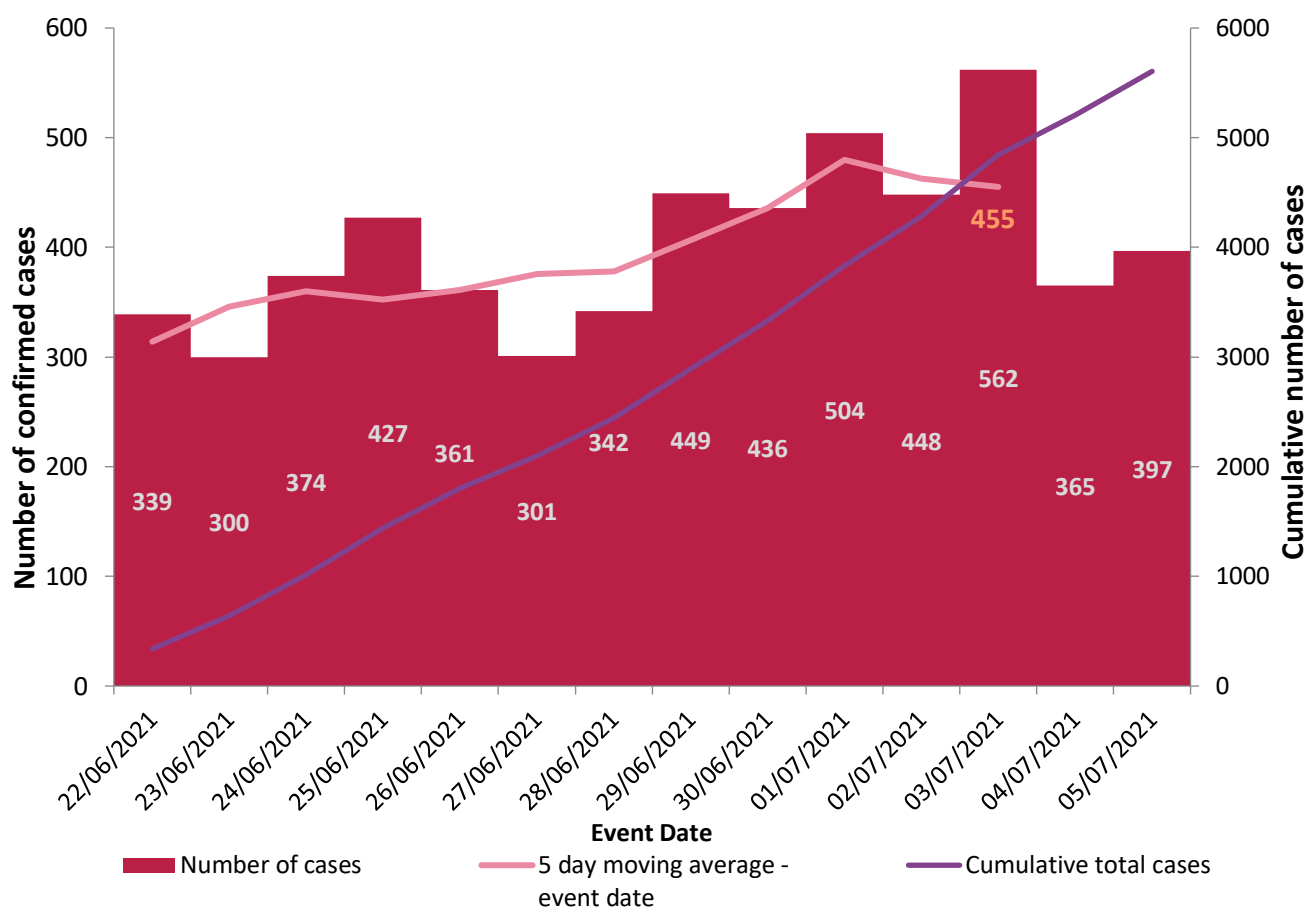
**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 22/06/2021 up to midnight on 05/07/2021**

Characteristic	Number of cases	Percent
<b>Total number of confirmed cases</b>	5,605	<b>100</b>
<b>Sex</b>		
Male	2,833	50.5
Female	2,768	49.4
Unknown	4	0.1
<b>Age</b>		
Median age (years)	24	
Mean age (years)	28	
Age range (years)	0-94	
0-4 yrs	260	4.6
5-12 yrs	744	13.3
13-18 yrs	605	10.8
19-24 yrs	1238	22.1
25-34 yrs	1038	18.5
35-44 yrs	861	15.4
45-54 yrs	465	8.3
55-64 yrs	253	4.5
65-74 yrs	109	1.9
75-84 yrs	25	0.4
85+ yrs	7	0.1
Total	5,605	

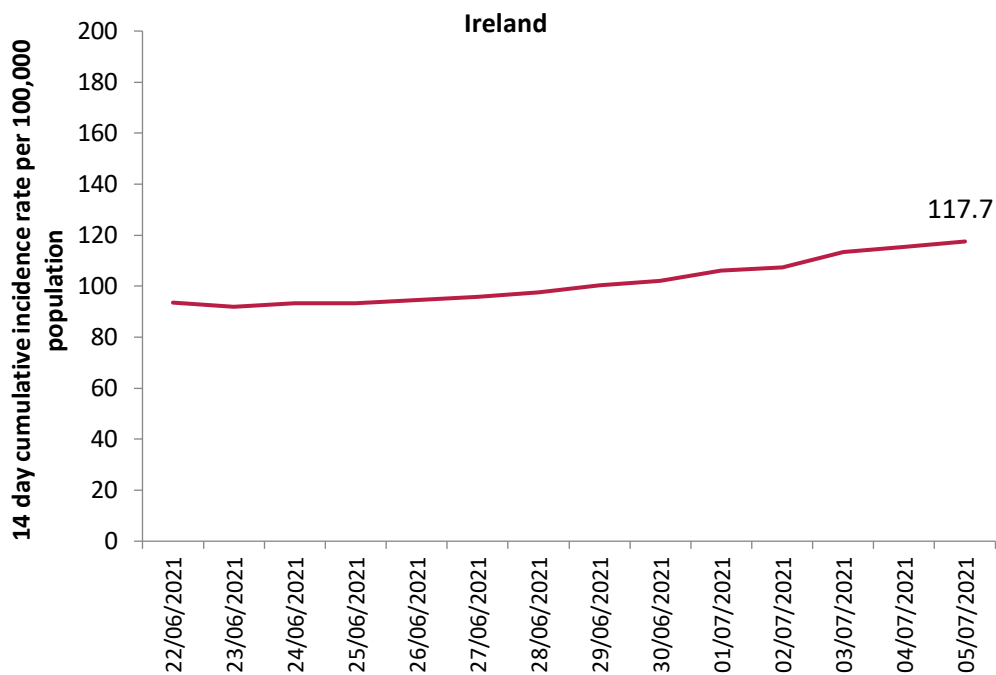
**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 22/06/2021 up to midnight on 05/07/2021**

Characteristic	Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>	<b>5,605</b>	<b>100</b>	
<b>Symptom status at time of test*</b>			
Yes	3,846	68.6	77.2
No	1,133	20.2	22.8
Unknown	626	11.2	
Total cases where known	<b>4,979</b>		
<b>Healthcare worker</b>			
Yes	137	2.4	2.7
No	4,974	88.7	97.3
Unknown	494	8.8	
Total cases where known	<b>5,111</b>		

\*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=5605)**



**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 22/06/2021 up to midnight on 05/07/2021**

\*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 22/06/2021 up to midnight on 05/07/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (01/07/2021 - 05/07/2021)
Donegal	547	343.6	51
Waterford	254	218.6	10
Sligo	142	216.7	12
Roscommon	118	182.8	9
Limerick	331	169.8	25
Dublin	2,209	164.0	178
Meath	246	126.1	22
Westmeath	105	118.3	7
Louth	135	104.7	13
Clare	122	102.7	7
Laois	86	101.5	7
Offaly	78	100.1	5
Cavan	62	81.4	7
Kildare	179	80.4	15
Galway	190	73.6	12
Wicklow	99	69.5	10
Mayo	78	59.8	10
Longford	24	58.7	1
Monaghan	35	57.0	3
Kerry	84	56.9	11
Wexford	85	56.8	10
Kilkenny	56	56.4	5
Tipperary	87	54.5	6
Cork	218	40.2	16
Leitrim	11	34.3	1
Carlow	16	28.1	2
Unknown	8		
<b>Total</b>	<b>5,605</b>	<b>117.7</b>	<b>455</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 22/06/2021 up to midnight on 05/07/2021**

<b>Most likely transmission source</b>	<b>Number of cases</b>	<b>Percent</b>
Travel related	352	6.3
Close contact with a known confirmed case	3,345	59.7
Healthcare setting acquired: patient	8	0.1
Healthcare setting acquired: staff	8	0.1
Community transmission	1,349	24.1
Under investigation	543	9.7
<b>Total cases with known most likely transmission source</b>	<b>5,062</b>	<b>90.3</b>
<b>Total</b>	<b>5,605</b>	<b>100</b>

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 22/06/2021 up to midnight on 05/07/2021**

Date	Number of confirmed cases
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
05/07/2021	397
<b>Total</b>	<b>5,605</b>

## **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 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  $\geq 85$  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 (22/06/2021 to 05/07/2021)**

