

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

Report prepared by HPSC on 16/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 02/06/2021 up to midnight on 15/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,828	
National incidence of confirmed cases per 100,000 population	101.4	
Number of cases in healthcare workers	135	2.8
Males	2,448	50.7
Females	2,366	49.0
M:F ratio	1.0	
Median age (years)	25	
Mean age (years)	28	
Age range (years)	0 - 100	

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 02/06/2021 up to midnight on 15/06/2021

Characteristic	Number of cases	Percent
Total number of confirmed cases	4,828	100
Sex		
Male	2,448	50.7
Female	2,366	49.0
Unknown	14	0.3
Age		
Median age (years)	25	
Mean age (years)	28	
Age range (years)	0 - 100	
0-4 yrs	302	6.3
5-12 yrs	661	13.7
13-18 yrs	436	9.0
19-24 yrs	1013	21.0
25-34 yrs	823	17.0
35-44 yrs	826	17.1
45-54 yrs	479	9.9
55-64 yrs	195	4.0
65-74 yrs	62	1.3
75-84 yrs	18	0.4
85+ yrs	13	0.3
Total	4,828	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 02/06/2021 up to midnight on 15/06/2021

Characteristic	Number of cases	Percent	Percent where known
Total number of cases	4,828	100	
Symptom status at time of test*			
Yes	2,914	60.4	67.7
No	1,389	28.8	32.3
Unknown	525	10.9	
Total cases where known	4,303		
Healthcare worker			
Yes	135	2.8	3.0
No	4,359	90.3	97.0
Unknown	334	6.9	
Total cases where known	4,494		

*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.

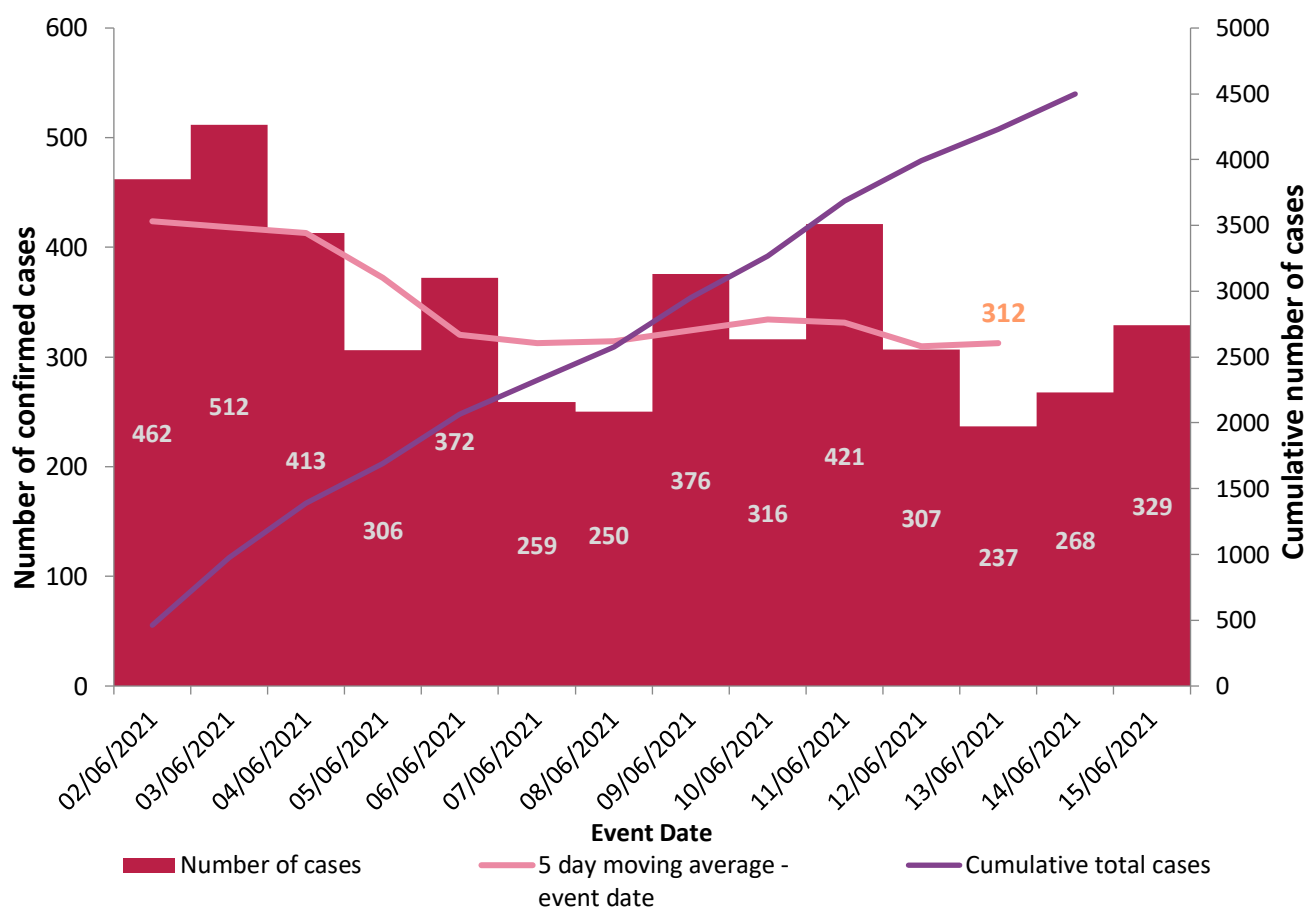


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4828)

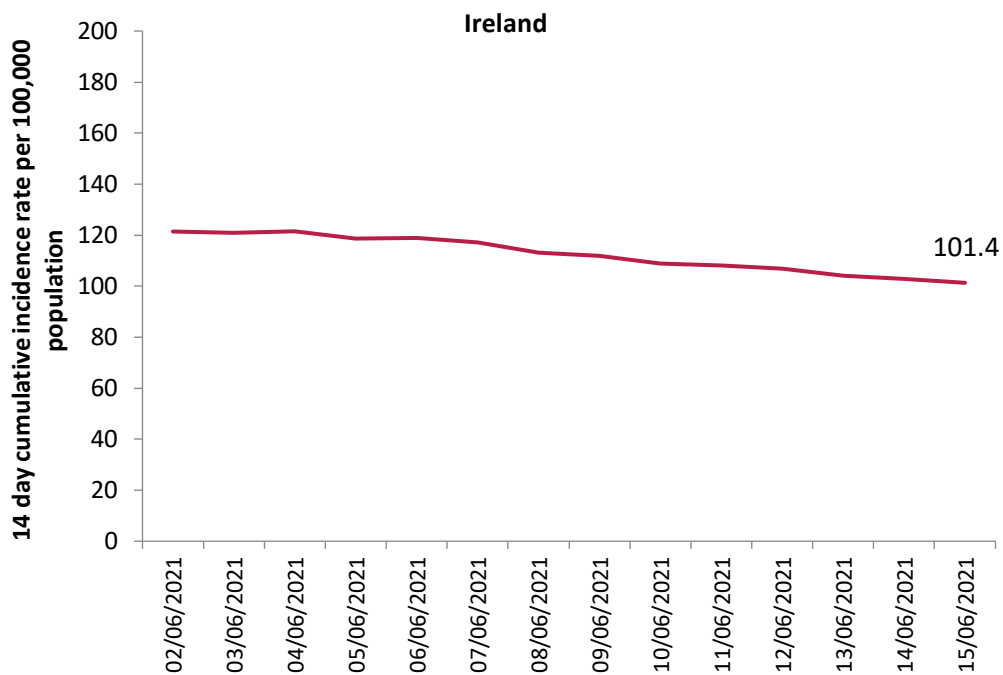


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 02/06/2021 up to midnight on 15/06/2021

*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 02/06/2021 up to midnight on 15/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (11/06/2021 - 15/06/2021)
Limerick	764	392.0	48
Carlow	102	179.2	6
Donegal	283	177.8	18
Westmeath	124	139.7	8
Dublin	1,496	111.0	99
Cork	478	88.1	37
Waterford	102	87.8	4
Cavan	63	82.7	3
Clare	98	82.5	6
Louth	106	82.2	4
Roscommon	53	82.1	4
Tipperary	131	82.1	8
Laois	67	79.1	5
Kildare	176	79.1	12
Wexford	117	78.1	3
Galway	196	76.0	18
Meath	134	68.7	10
Wicklow	90	63.2	4
Offaly	49	62.9	3
Mayo	58	44.4	3
Kerry	59	39.9	3
Kilkenny	38	38.3	3
Longford	15	36.7	2
Monaghan	15	24.4	1
Leitrim	6	18.7	1
Sligo	3	4.6	0
Unknown	5		0
Total	4,828	101.4	317

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 02/06/2021 up to midnight on 15/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	193	4.0
Close contact with a known confirmed case	3210	66.5
Healthcare setting acquired: patient	10	0.2
Healthcare setting acquired: staff	11	0.2
Community transmission	1026	21.3
Under investigation	378	7.8
Total cases with known most likely transmission source	4,450	92.2
Total	4,828	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 02/06/2021 up to midnight on 15/06/2021

Date	Number of confirmed cases
02/06/2021	462
03/06/2021	512
04/06/2021	413
05/06/2021	306
06/06/2021	372
07/06/2021	259
08/06/2021	250
09/06/2021	376
10/06/2021	316
11/06/2021	421
12/06/2021	307
13/06/2021	237
14/06/2021	268
15/06/2021	329
Total	4,828

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 ≥ 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 (02/06/2021 to 15/06/2021)

