

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

Report prepared by HPSC on 17/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 03/06/2021 up to midnight on 16/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,739	
National incidence of confirmed cases per 100,000 population	99.5	
Number of cases in healthcare workers	133	2.8
Males	2,402	50.7
Females	2,323	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 03/06/2021 up to midnight on 16/06/2021

Characteristic	Number of cases	Percent
Total number of confirmed cases	4,739	100
Sex		
Male	2,402	50.7
Female	2,323	49.0
Unknown	14	0.3
Age		
Median age (years)	25	
Mean age (years)	28	
Age range (years)	0 - 100	
0-4 yrs	275	5.8
5-12 yrs	633	13.4
13-18 yrs	436	9.2
19-24 yrs	1022	21.6
25-34 yrs	818	17.3
35-44 yrs	813	17.2
45-54 yrs	450	9.5
55-64 yrs	194	4.1
65-74 yrs	64	1.4
75-84 yrs	20	0.4
85+ yrs	14	0.3
Total	4,739	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 03/06/2021 up to midnight on 16/06/2021

Characteristic	Number of cases	Percent	Percent where known
Total number of cases	4,739	100	
Symptom status at time of test*			
Yes	2,828	59.7	67.6
No	1,354	28.6	32.4
Unknown	557	11.8	
Total cases where known	4,182		
Healthcare worker			
Yes	133	2.8	3.0
No	4,232	89.3	97.0
Unknown	374	7.9	
Total cases where known	4,365		

*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.

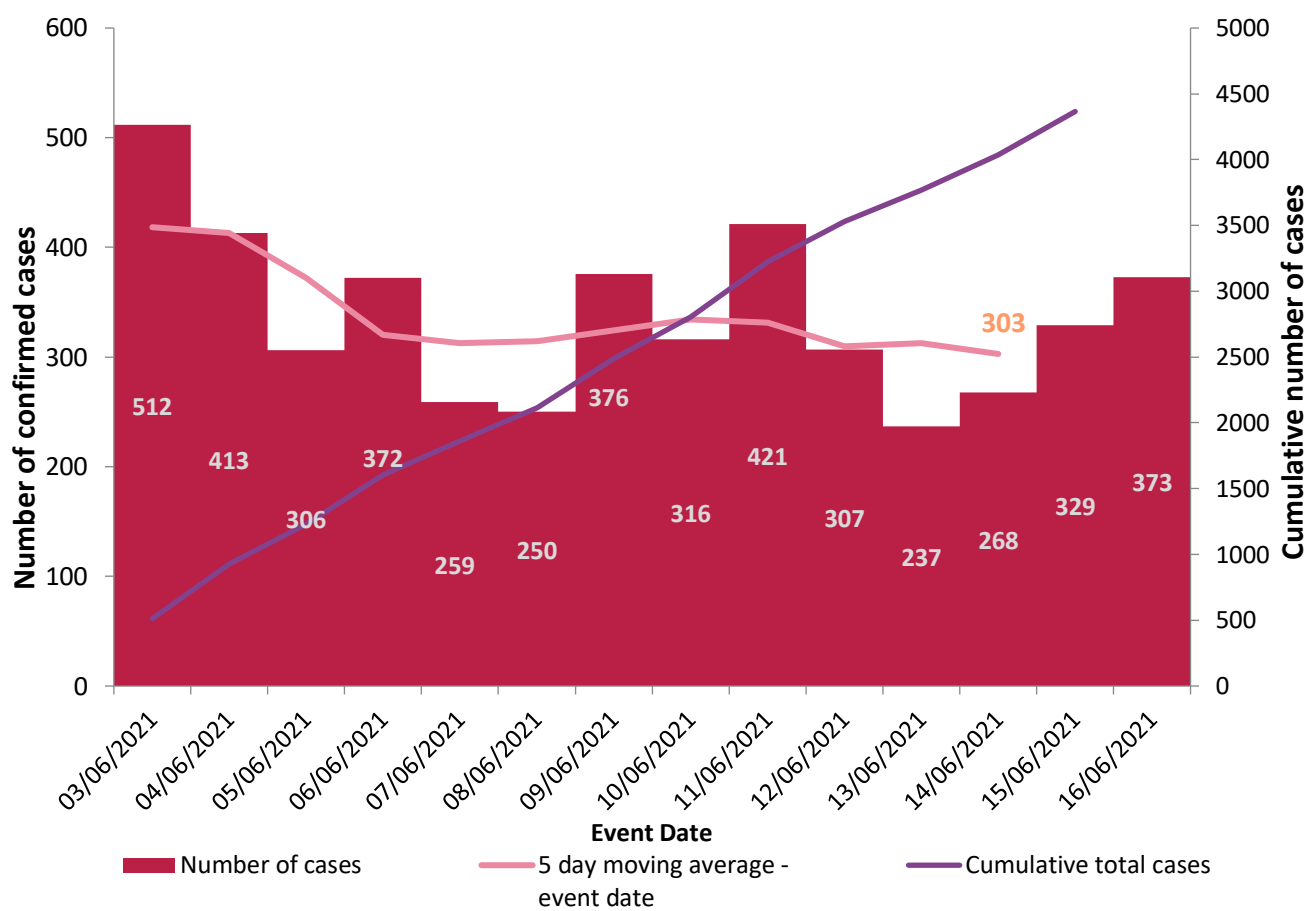


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4739)

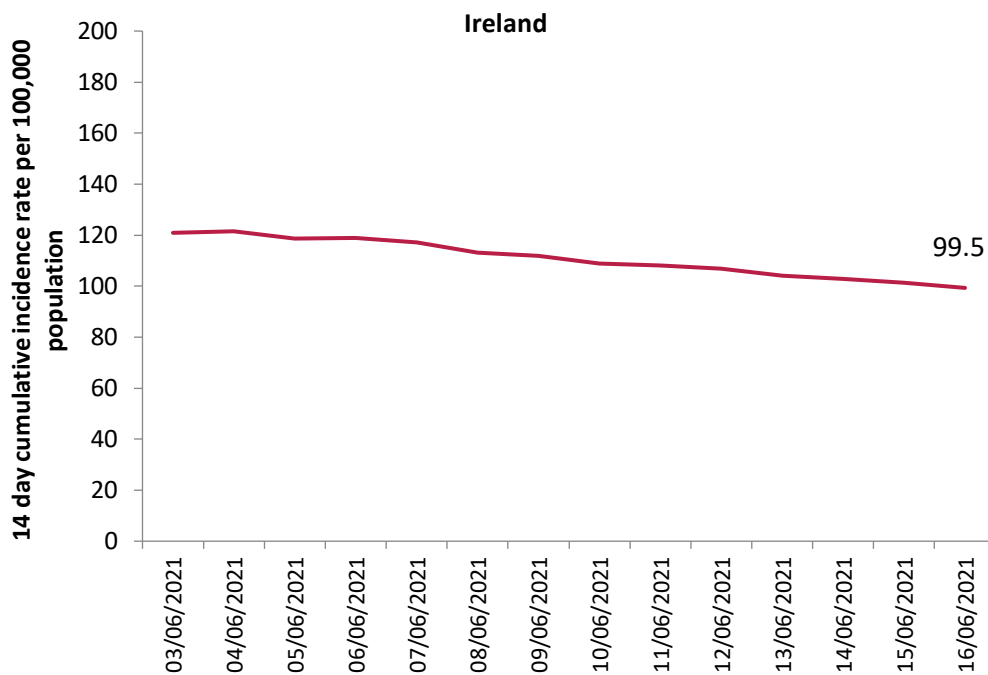


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 03/06/2021 up to midnight on 16/06/2021

*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 03/06/2021 up to midnight on 16/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (12/06/2021 - 16/06/2021)
Limerick	675	346.3	31
Donegal	301	189.1	24
Carlow	103	180.9	6
Westmeath	119	134.1	9
Dublin	1,455	108.0	107
Roscommon	59	91.4	4
Cork	492	90.6	34
Clare	106	89.2	5
Louth	111	86.1	6
Tipperary	134	84.0	7
Cavan	63	82.7	4
Galway	205	79.4	17
Laois	65	76.7	5
Kildare	167	75.1	10
Wexford	111	74.1	4
Waterford	85	73.2	4
Meath	134	68.7	8
Wicklow	89	62.5	3
Offaly	48	61.6	3
Mayo	59	45.2	3
Kilkenny	43	43.3	3
Kerry	62	42.0	4
Longford	15	36.7	1
Monaghan	17	27.7	2
Leitrim	7	21.8	1
Sligo	4	6.1	0
Unknown	10		
Total	4,739	99.5	305

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 03/06/2021 up to midnight on 16/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	195	4.1
Close contact with a known confirmed case	3064	64.7
Healthcare setting acquired: patient	12	0.3
Healthcare setting acquired: staff	10	0.2
Community transmission	1038	21.9
Under investigation	420	8.9
Total cases with known most likely transmission source	4,319	91.1
Total	4,739	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 03/06/2021 up to midnight on 16/06/2021

Date	Number of confirmed cases
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
16/06/2021	373
Total	4,739

Acknowledgements

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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 (03/06/2021 to 16/06/2021)

