

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

Report prepared by HPSC on 01/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 17/06/2021 up to midnight on 30/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,884	
National incidence of confirmed cases per 100,000 population	102.6	
Number of cases in healthcare workers	115	2.4
Males	2,485	50.9
Females	2,393	49.0
M:F ratio	1.0	
Median age (years)	25	
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 17/06/2021 up to midnight on 30/06/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		4,884	100
Sex	Male	2,485	50.9
	Female	2,393	49.0
	Unknown	6	0.1
Age	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0-94	
	0-4 yrs	246	5.0
	5-12 yrs	629	12.9
	13-18 yrs	439	9.0
	19-24 yrs	1043	21.4
	25-34 yrs	916	18.8
	35-44 yrs	805	16.5
	45-54 yrs	446	9.1
	55-64 yrs	231	4.7
	65-74 yrs	100	2.0
	75-84 yrs	22	0.5
	85+ yrs	7	0.1
	Total	4,884	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 17/06/2021 up to midnight on 30/06/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		4,884	100	
Symptom status at time of test*	Yes	3,103	63.5	74.7
	No	1,052	21.5	25.3
	Unknown	729	14.9	
	Total cases where known	4,155		
Healthcare worker	Yes	115	2.4	2.7
	No	4,217	86.3	97.3
	Unknown	552	11.3	
	Total cases where known	4,332		

*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.

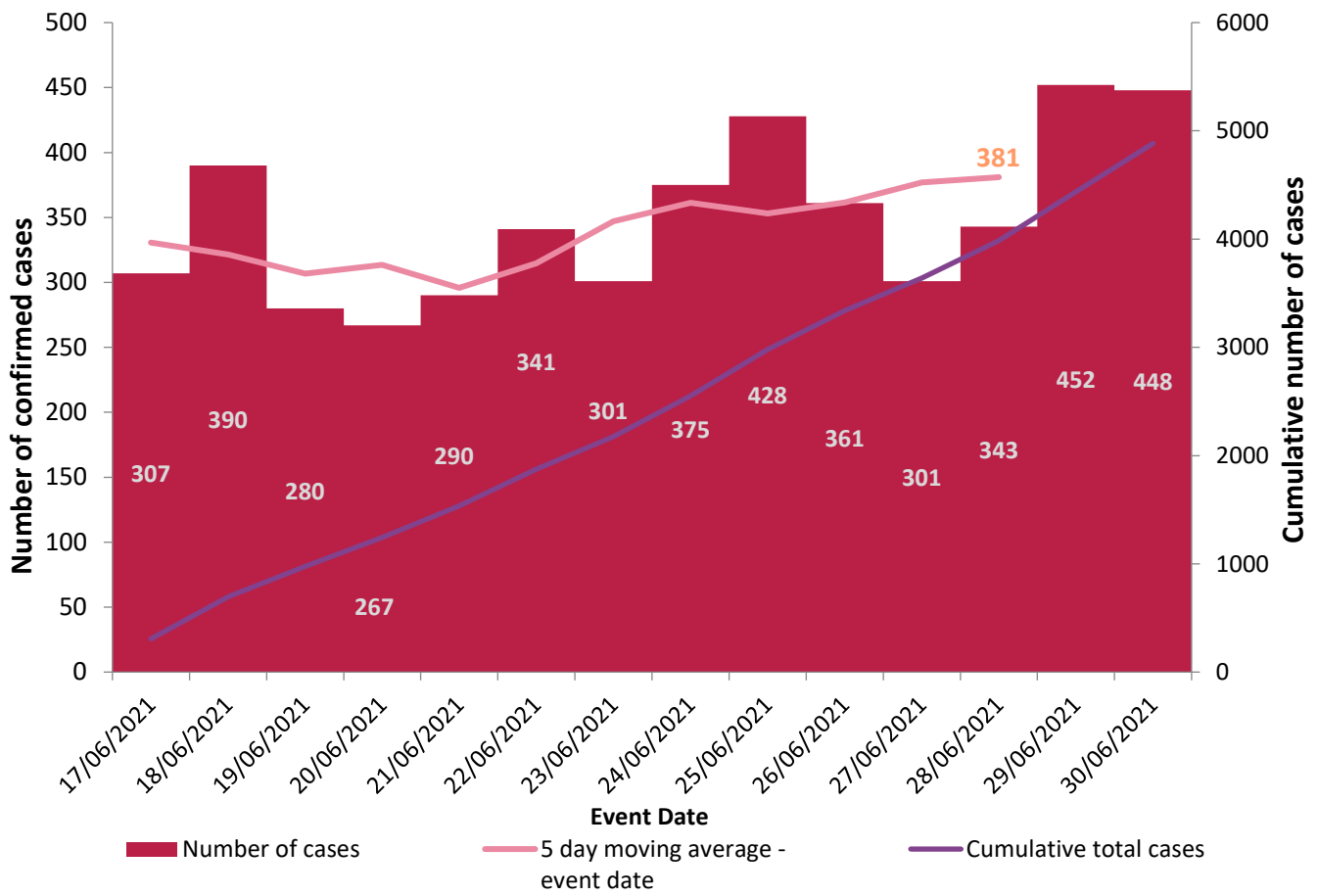


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4884)

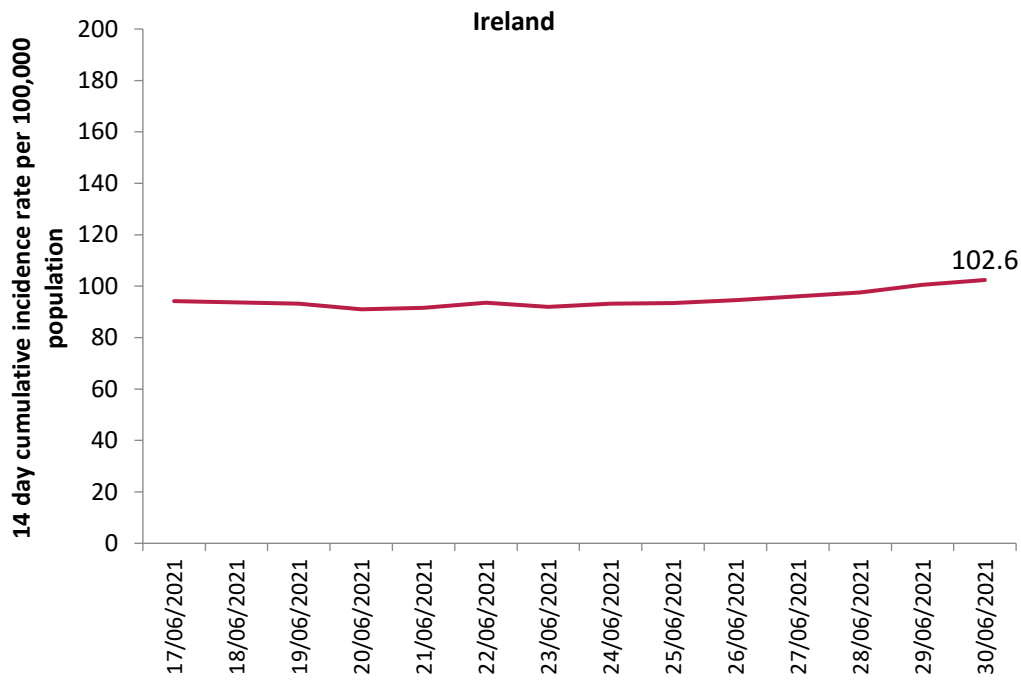


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 17/06/2021 up to midnight on 30/06/2021

*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 17/06/2021 up to midnight on 30/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (26/06/2021 - 30/06/2021)
Donegal	405	254.4	36
Waterford	252	216.9	27
Limerick	338	173.4	25
Sligo	107	163.3	9
Roscommon	103	159.6	8
Dublin	1,894	140.6	152
Westmeath	106	119.4	10
Offaly	93	119.3	6
Meath	197	101.0	18
Clare	117	98.5	10
Louth	126	97.8	6
Galway	223	86.4	15
Kildare	170	76.4	10
Laois	62	73.2	5
Longford	24	58.7	2
Cavan	43	56.4	3
Tipperary	85	53.3	4
Carlow	27	47.4	0
Monaghan	28	45.6	2
Wicklow	62	43.5	4
Cork	223	41.1	11
Leitrim	13	40.6	1
Kilkenny	38	38.3	2
Kerry	55	37.2	3
Wexford	48	32.1	3
Mayo	36	27.6	4
Unknown/Other*	9		
Total	4,884	102.6	381

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 17/06/2021 up to midnight on 30/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	258	5.3
Close contact with a known confirmed case	2,872	58.8
Healthcare setting acquired: patient	4	0.1
Healthcare setting acquired: staff	6	0.1
Community transmission	1,141	23.4
Under investigation	603	12.3
Total cases with known most likely transmission source	4,281	87.7
Total	4,884	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 17/06/2021 up to midnight on 30/06/2021

Date	Number of confirmed cases
17/06/2021	307
18/06/2021	390
19/06/2021	280
20/06/2021	267
21/06/2021	290
22/06/2021	341
23/06/2021	301
24/06/2021	375
25/06/2021	428
26/06/2021	361
27/06/2021	301
28/06/2021	343
29/06/2021	452
30/06/2021	448
Total	4,884

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 (17/06/2021 to 30/06/2021)

