

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

Report prepared by HPSC on 15/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 01/06/2021 up to midnight on 14/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,939	
National incidence of confirmed cases per 100,000 population	103.7	
Number of cases in healthcare workers	130	2.6
Males	2,524	51.1
Females	2,400	48.6
M:F ratio	1.1	
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 01/06/2021 up to midnight on 14/06/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		4,939	100
Sex	Male	2,524	51.1
	Female	2,400	48.6
	Unknown	15	0.3
Age	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0 - 100	
	0-4 yrs	307	6.2
	5-12 yrs	710	14.4
	13-18 yrs	448	9.1
	19-24 yrs	1003	20.3
	25-34 yrs	814	16.5
	35-44 yrs	843	17.1
	45-54 yrs	508	10.3
	55-64 yrs	206	4.2
	65-74 yrs	68	1.4
	75-84 yrs	18	0.4
	85+ yrs	14	0.3
	Total	4,939	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 01/06/2021 up to midnight on 14/06/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of cases		4,939	100	
Symptom status at time of test*	Yes	3,003	60.8	67.7
	No	1,435	29.1	32.3
	Unknown	501	10.1	
	Total cases where known	4,438		
Healthcare worker	Yes	130	2.6	2.8
	No	4,509	91.3	97.2
	Unknown	300	6.1	
	Total cases where known	4,639		

*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.

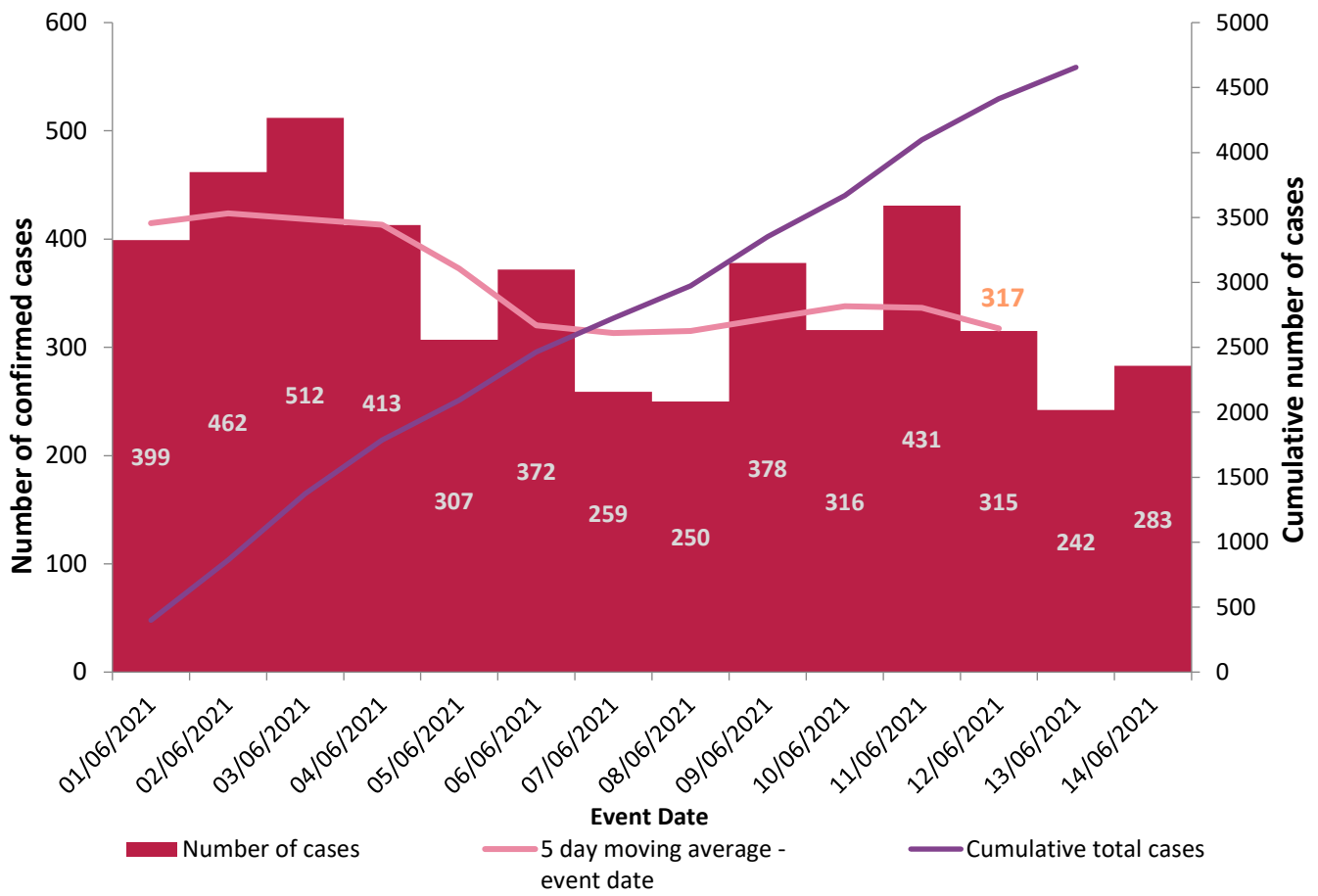


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4939)

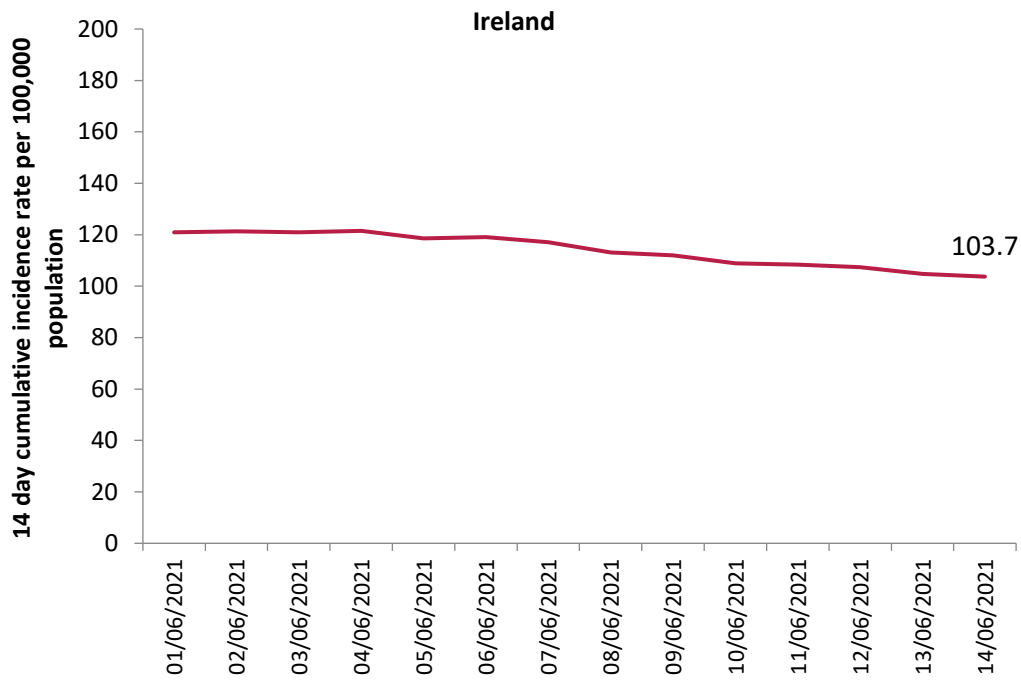


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 01/06/2021 up to midnight on 14/06/2021

*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 01/06/2021 up to midnight on 14/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (10/06/2021 - 14/06/2021)
Limerick	786	403.3	52
Carlow	107	187.9	5
Donegal	264	165.8	18
Westmeath	125	140.8	8
Dublin	1,513	112.3	92
Cavan	79	103.7	3
Waterford	108	93.0	4
Clare	110	92.6	6
Louth	116	90.0	4
Wexford	134	89.5	4
Roscommon	57	88.3	5
Cork	461	84.9	37
Tipperary	135	84.6	8
Laois	71	83.8	4
Kildare	176	79.1	12
Galway	202	78.3	20
Offaly	56	71.8	4
Meath	140	71.8	11
Wicklow	91	63.9	5
Mayo	69	52.9	3
Kilkenny	40	40.3	4
Kerry	57	38.6	2
Longford	15	36.7	2
Monaghan	12	19.5	1
Leitrim	6	18.7	1
Sligo	6	9.2	0
Unknown/Other*	3		
Total	4,939	103.7	317

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 01/06/2021 up to midnight on 14/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	185	3.7
Close contact with a known confirmed case	3334	67.5
Healthcare setting acquired: patient	9	0.2
Healthcare setting acquired: staff	10	0.2
Community transmission	1049	21.2
Under investigation	352	7.1
Total cases with known most likely transmission source	4,587	92.9
Total	4,939	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 01/06/2021 up to midnight on 14/06/2021

Date	Number of confirmed cases
01/06/2021	399
02/06/2021	462
03/06/2021	512
04/06/2021	413
05/06/2021	307
06/06/2021	372
07/06/2021	259
08/06/2021	250
09/06/2021	378
10/06/2021	316
11/06/2021	431
12/06/2021	315
13/06/2021	242
14/06/2021	283
Total	4,939

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 (01/06/2021 to 14/06/2021)

