

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

Report prepared by HPSC on 28/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 14/06/2021 up to midnight on 27/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,629	
National incidence of confirmed cases per 100,000 population	97.2	
Number of cases in healthcare workers	102	2.2
Males	2,376	51.3
Females	2,250	48.6
M:F ratio	1.1	
Median age (years)	26	
Mean age (years)	28	
Age range (years)	1-94	

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 14/06/2021 up to midnight on 27/06/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		4,629	100
Sex	Male	2,376	51.3
	Female	2,250	48.6
	Unknown	3	0.1
Age	Median age (years)	26	
	Mean age (years)	28	
	Age range (years)	1-94	
	0-4 yrs	236	5.1
	5-12 yrs	575	12.4
	13-18 yrs	411	8.9
	19-24 yrs	990	21.4
	25-34 yrs	877	18.9
	35-44 yrs	778	16.8
	45-54 yrs	425	9.2
	55-64 yrs	213	4.6
	65-74 yrs	96	2.1
	75-84 yrs	23	0.5
	85+ yrs	5	0.1
	Total	4,629	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 14/06/2021 up to midnight on 27/06/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		4,629	100	
Symptom status at time of test*	Yes	2,905	62.8	72.7
	No	1,092	23.6	27.3
	Unknown	632	13.7	
	Total cases where known	3,997		
Healthcare worker	Yes	102	2.2	2.4
	No	4,063	87.8	97.6
	Unknown	464	10.0	
	Total cases where known	4,165		

*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.

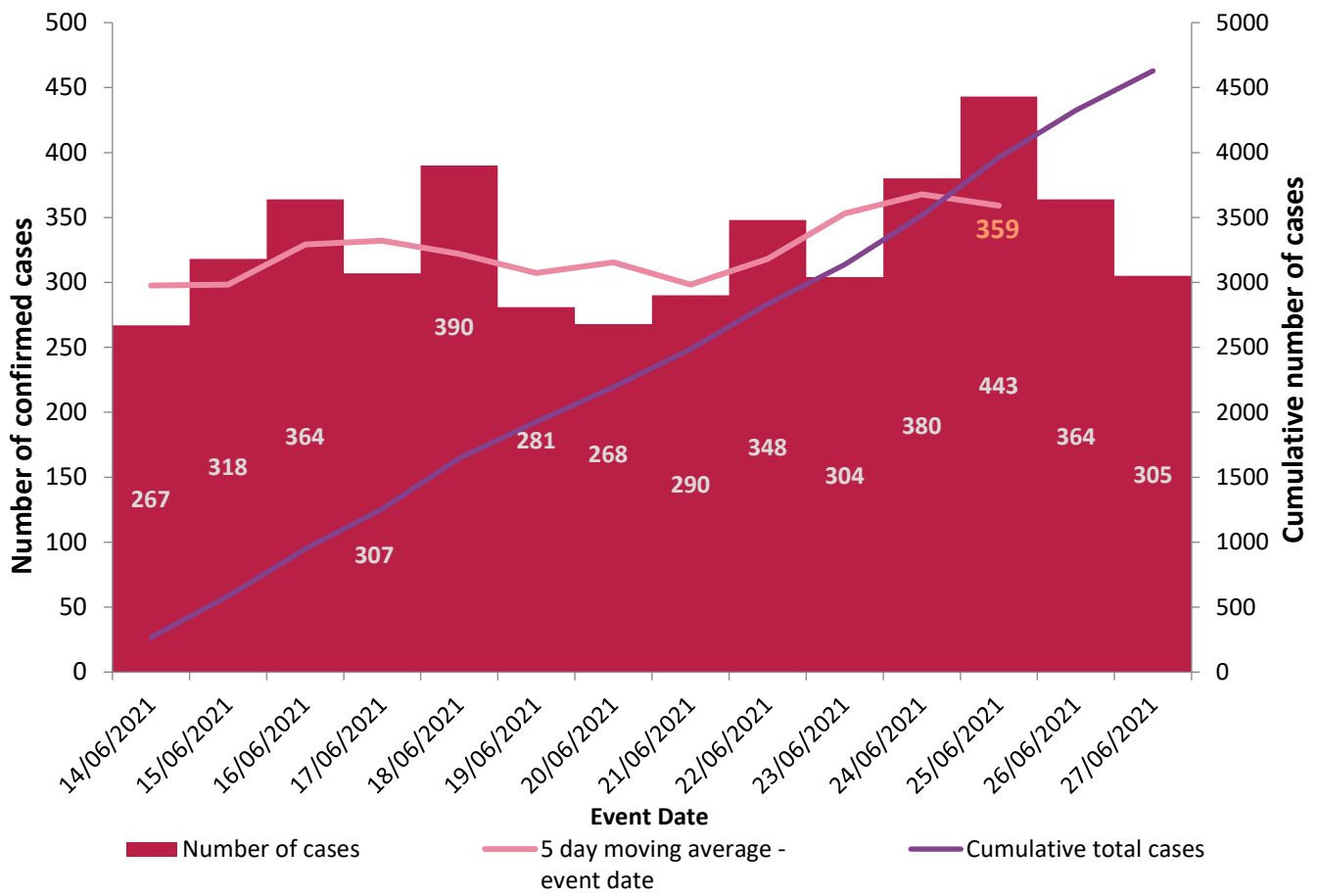


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4629)

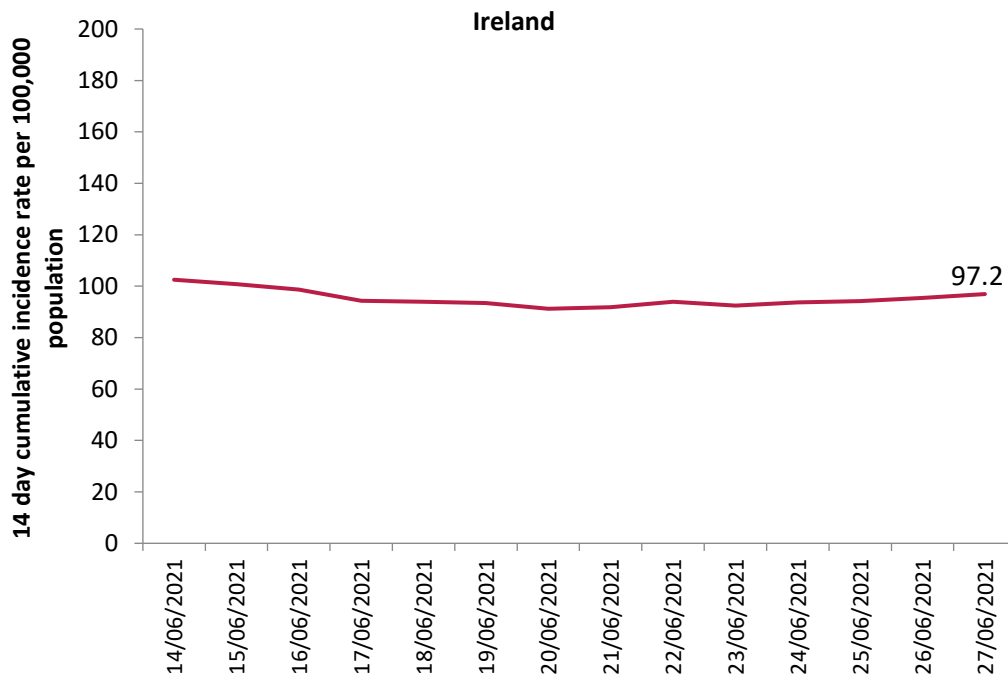


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 14/06/2021 up to midnight on 27/06/2021

*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 14/06/2021 up to midnight on 27/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (23/06/2021 - 27/06/2021)
Donegal	353	221.7	29
Limerick	361	185.2	28
Waterford	193	166.1	22
Roscommon	87	134.8	8
Westmeath	117	131.8	9
Sligo	86	131.2	9
Dublin	1,696	125.9	137
Offaly	87	111.6	7
Louth	125	97.0	7
Galway	242	93.8	16
Clare	109	91.7	9
Meath	177	90.7	17
Laois	64	75.6	6
Carlow	42	73.8	0
Kildare	156	70.1	9
Cavan	48	63.0	3
Tipperary	93	58.3	5
Cork	282	51.9	14
Leitrim	15	46.8	1
Longford	19	46.5	2
Kilkenny	43	43.3	3
Wicklow	57	40.0	6
Monaghan	24	39.1	2
Kerry	56	37.9	3
Wexford	45	30.1	3
Mayo	38	29.1	4
Unknown/Other*	14		
Total	4,629	97.2	359

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 14/06/2021 up to midnight on 27/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	226	4.9
Close contact with a known confirmed case	2,773	59.9
Healthcare setting acquired: patient	5	0.1
Healthcare setting acquired: staff	7	0.2
Community transmission	1,108	23.9
Under investigation	510	11.0
Total cases with known most likely transmission source	4,119	89.0
Total	4,629	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 14/06/2021 up to midnight on 27/06/2021

Date	Number of confirmed cases
14/06/2021	267
15/06/2021	318
16/06/2021	364
17/06/2021	307
18/06/2021	390
19/06/2021	281
20/06/2021	268
21/06/2021	290
22/06/2021	348
23/06/2021	304
24/06/2021	380
25/06/2021	443
26/06/2021	364
27/06/2021	305
Total	4,629

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 (14/06/2021 to 27/06/2021)

