

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

Report prepared by HPSC on 22/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 08/06/2021 up to midnight on 21/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,434	
National incidence of confirmed cases per 100,000 population	93.1	
Number of cases in healthcare workers	115	2.6
Males	2,276	51.3
Females	2,148	48.4
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 08/06/2021 up to midnight on 21/06/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		4,434	100
Sex	Male	2,276	51.3
	Female	2,148	48.4
	Unknown	10	0.2
Age	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0 - 100	
	0-4 yrs	262	5.9
	5-12 yrs	511	11.5
	13-18 yrs	361	8.1
	19-24 yrs	1014	22.9
	25-34 yrs	831	18.7
	35-44 yrs	767	17.3
	45-54 yrs	397	9.0
	55-64 yrs	189	4.3
	65-74 yrs	71	1.6
	75-84 yrs	21	0.5
	85+ yrs	10	0.2
	Total	4,434	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 08/06/2021 up to midnight on 21/06/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of cases		4,434	100	
Symptom status at time of test*	Yes	2,752	62.1	70.3
	No	1,162	26.2	29.7
	Unknown	520	11.7	
	Total cases where known	3,914		
Healthcare worker	Yes	115	2.6	2.8
	No	3,969	89.5	97.2
	Unknown	350	7.9	
	Total cases where known	4,084		

*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.

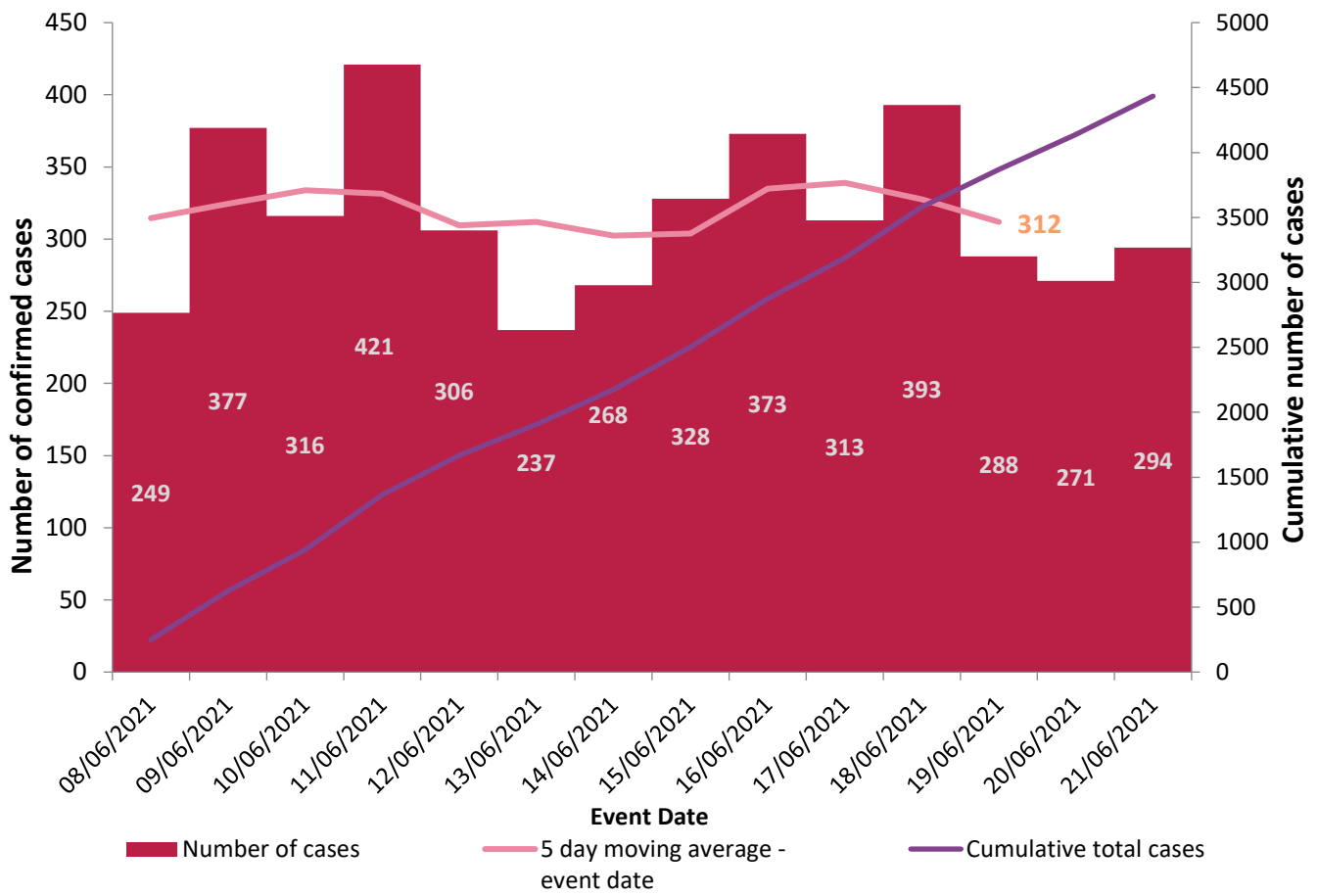


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4434)

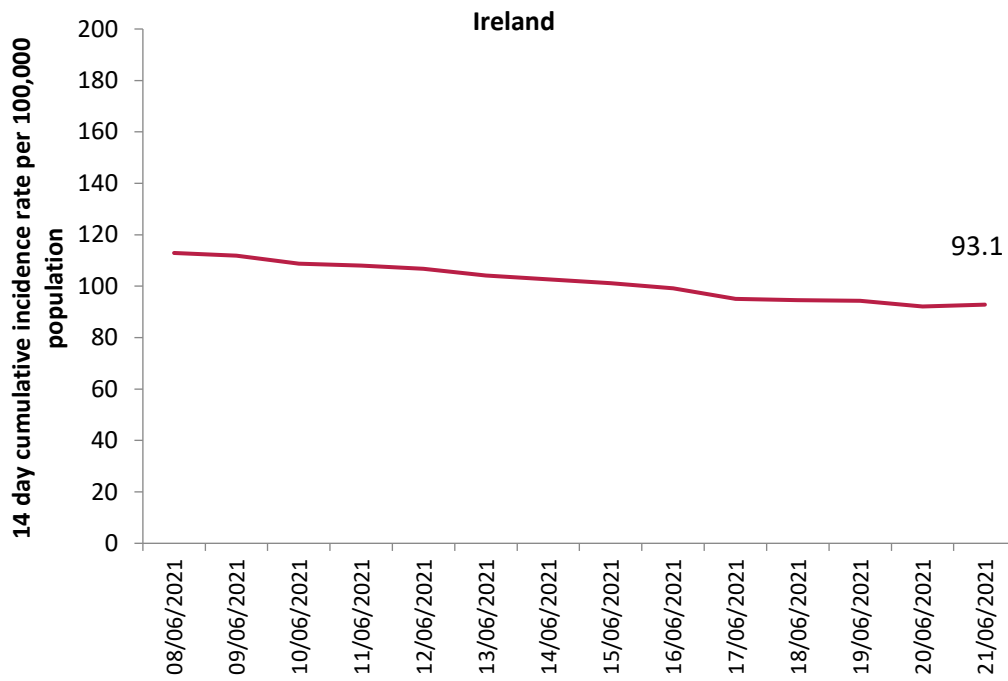


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 08/06/2021 up to midnight on 21/06/2021

*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 08/06/2021 up to midnight on 21/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (17/06/2021 - 21/06/2021)
Limerick	543	278.6	25
Donegal	304	191.0	23
Westmeath	115	129.5	7
Dublin	1,449	107.5	115
Roscommon	66	102.3	6
Carlow	58	101.9	4
Galway	258	100.0	18
Louth	115	89.2	11
Offaly	69	88.5	8
Waterford	95	81.8	10
Clare	97	81.6	7
Meath	153	78.4	12
Kildare	170	76.4	14
Cork	402	74.1	17
Tipperary	113	70.8	6
Laois	53	62.6	3
Cavan	47	61.7	3
Longford	19	46.5	1
Leitrim	14	43.7	2
Sligo	28	42.7	5
Wicklow	60	42.1	2
Wexford	58	38.7	2
Kilkenny	36	36.3	2
Kerry	52	35.2	5
Monaghan	17	27.7	1
Mayo	30	23.0	1
Unknown/Other*	13		
Total	4,434	93.1	312

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 08/06/2021 up to midnight on 21/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	200	4.5
Close contact with a known confirmed case	2788	62.9
Healthcare setting acquired: patient	8	0.2
Healthcare setting acquired: staff	10	0.2
Community transmission	1038	23.4
Under investigation	390	8.8
Total cases with known most likely transmission source	4,044	91.2
Total	4,434	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 08/06/2021 up to midnight on 21/06/2021

Date	Number of confirmed cases
08/06/2021	249
09/06/2021	377
10/06/2021	316
11/06/2021	421
12/06/2021	306
13/06/2021	237
14/06/2021	268
15/06/2021	328
16/06/2021	373
17/06/2021	313
18/06/2021	393
19/06/2021	288
20/06/2021	271
21/06/2021	294
Total	4,434

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 (08/06/2021 to 21/06/2021)

