

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

Report prepared by HPSC on 08/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from (25/05/2021 up to midnight on 07/06/2021)

	Number	Percent
Total number of confirmed cases on COVID CCT	5,618	
National incidence of confirmed cases per 100,000 population	118.0	
Number of cases in healthcare workers	141	2.5
Males	2,831	50.4
Females	2,773	49.4
M:F ratio	1.0	
Median age (years)	24	
Mean age (years)	28	
Age range (years)	0 - 96	

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 (25/05/2021 up to midnight on 07/06/2021)

Characteristic		Number of cases	Percent
Total number of confirmed cases		5,618	100
Sex	Male	2,831	50.4
	Female	2,773	49.4
	Unknown	14	0.2
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0 - 96	
	0-4 yrs	339	6.0
	5-12 yrs	925	16.5
	13-18 yrs	582	10.4
	19-24 yrs	977	17.4
	25-34 yrs	813	14.5
	35-44 yrs	963	17.1
	45-54 yrs	647	11.5
	55-64 yrs	271	4.8
	65-74 yrs	66	1.2
	75-84 yrs	20	0.4
	85+ yrs	15	0.3
	Total	5,618	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from (25/05/2021 up to midnight on 07/06/2021)

Characteristic		Number of cases	Percent	Percent where known
Total number of cases		5,618	100	
Symptom status at time of test*	Yes	3,384	60.2	60.2
	No	1,680	29.9	29.9
	Unknown	554	4.8	
	Total cases where known	5,618		
Healthcare worker	Yes	141	2.5	2.5
	No	5,477	97.5	97.5
	Unknown	0	0.0	
	Total cases where known	5,618		

*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.

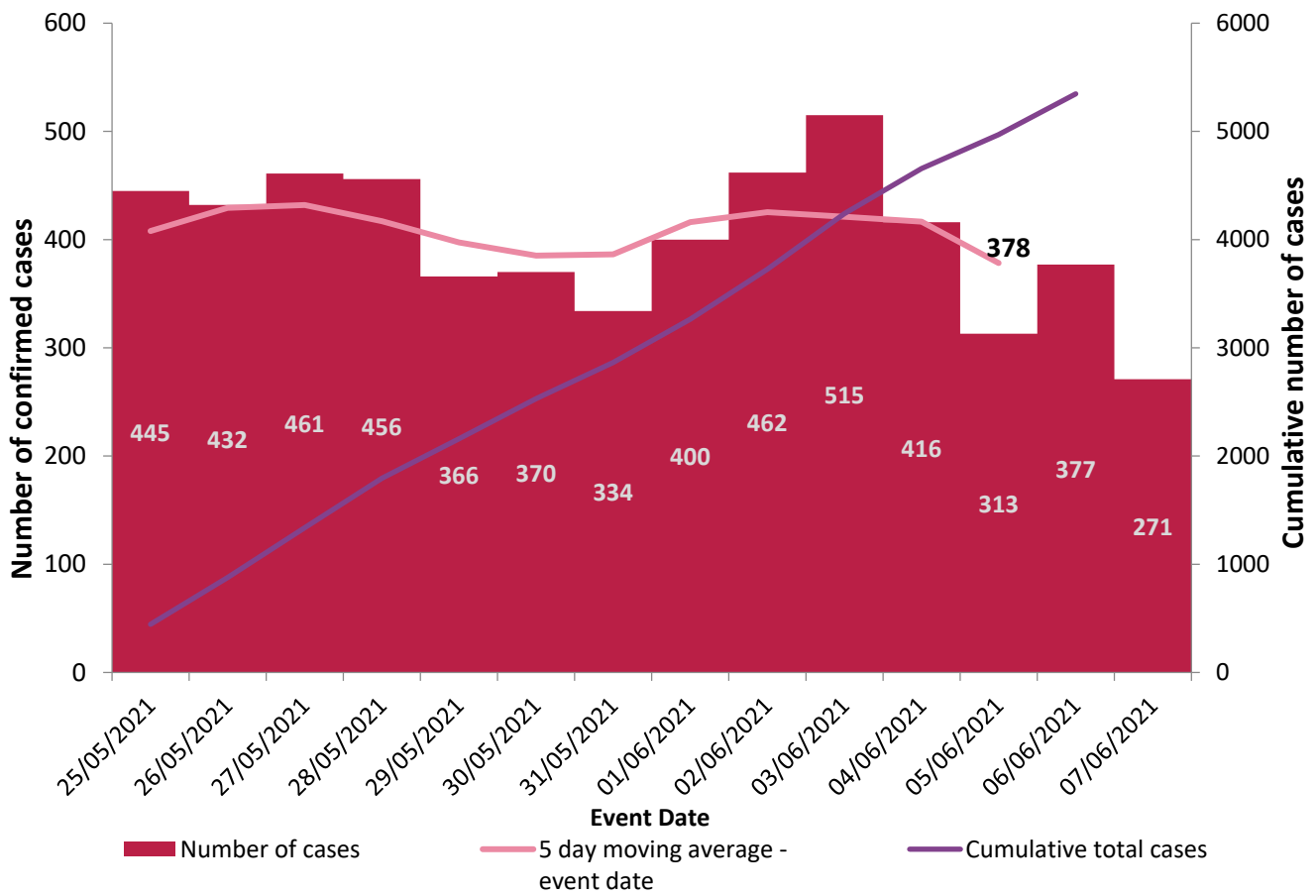


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=5,618)

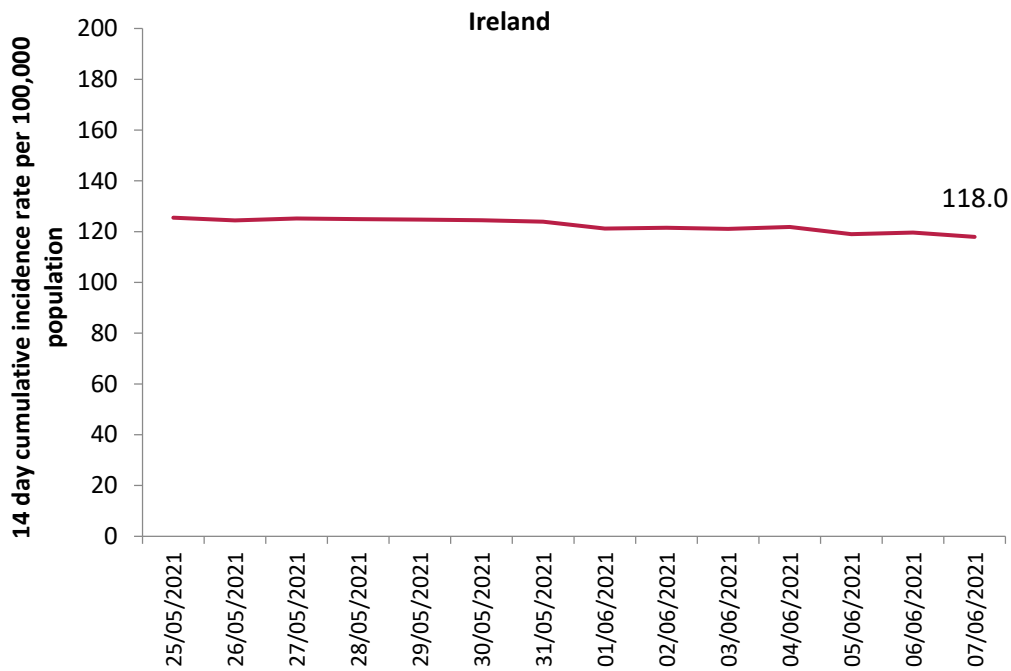


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from (25/05/2021 up to midnight on 07/06/2021)

*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

14 day incidence rates for Figure 2 are calculated using data from May 7th - June 3rd. CCT data are available to HPSC from May 9th to June 3rd. Therefore, CIDR data are used from 07/05/2021 - 08/05/2021, and CCT data are used from 09/05/2021 - 03/06/2021.

Table 3: Number of confirmed COVID-19 cases by county in Ireland uploaded to the COVID Care Tracker from (25/05/2021 up to midnight on 07/06/2021)

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (03/06/2021 - 07/06/2021)
Limerick	875	449.0	56
Donegal	282	177.1	23
Dublin	1,880	139.5	119
Westmeath	122	137.4	8
Carlow	78	137.0	9
Cavan	93	122.1	6
Wexford	175	116.9	13
Louth	148	114.8	11
Waterford	123	105.9	13
Kildare	231	103.8	13
Offaly	80	102.6	4
Mayo	131	100.4	7
Laois	82	96.8	5
Cork	505	93.0	35
Tipperary	137	85.9	11
Roscommon	54	83.7	4
Clare	95	80.0	7
Wicklow	112	78.6	7
Meath	143	73.3	8
Longford	25	61.2	1
Galway	125	48.4	8
Kerry	57	38.6	7
Leitrim	10	31.2	0
Kilkenny	29	29.2	2
Monaghan	16	26.1	1
Sligo	6	9.2	0
Unknown/Other*	4		
Total	5,618	118.0	378

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from (25/05/2021 up to midnight on 07/06/2021)

Most likely transmission source	Number of cases	Percent
Travel related	188	3.3
Close contact with a known confirmed case	3936	70.1
Healthcare setting acquired: patient	10	0.2
Healthcare setting acquired: staff	7	0.1
Community transmission	1134	20.2
Under investigation	343	6.1
Total cases with known most likely transmission source	5,275	93.9
Total	5,618	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 (25/05/2021 up to midnight on 07/06/2021)

Date	Number of confirmed cases
25/05/2021	445
26/05/2021	432
27/05/2021	461
28/05/2021	456
29/05/2021	366
30/05/2021	370
31/05/2021	334
01/06/2021	400
02/06/2021	462
03/06/2021	515
04/06/2021	416
05/06/2021	313
06/06/2021	377
07/06/2021	271
Total	5,618

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 (25/05/2021 to 07/06/2021)

