

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

Report prepared by HPSC on 08/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 24/06/2021 up to midnight on 07/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	6,034	
National incidence of confirmed cases per 100,000 population	126.7	
Number of cases in healthcare workers	156	2.6
Males	3,008	49.9
Females	3,021	50.1
M:F ratio	1.0	
Median age (years)	24	
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 24/06/2021 up to midnight on 07/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		6,034	100
Sex	Male	3,008	49.9
	Female	3,021	50.1
	Unknown	5	0.1
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0-94	
	0-4 yrs	279	4.6
	5-12 yrs	804	13.3
	13-18 yrs	680	11.3
	19-24 yrs	1320	21.9
	25-34 yrs	1136	18.8
	35-44 yrs	896	14.8
	45-54 yrs	496	8.2
	55-64 yrs	272	4.5
	65-74 yrs	114	1.9
	75-84 yrs	29	0.5
	85+ yrs	8	0.1
Total		6,034	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 24/06/2021 up to midnight on 07/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		6,034	100	
Symptom status at time of test*	Yes	4,191	69.5	78.0
	No	1,182	19.6	22.0
	Unknown	661	11.0	
	Total cases where known	5,373		
Healthcare worker	Yes	156	2.6	2.9
	No	5,313	88.1	97.1
	Unknown	565	9.4	
	Total cases where known	5,469		

*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.

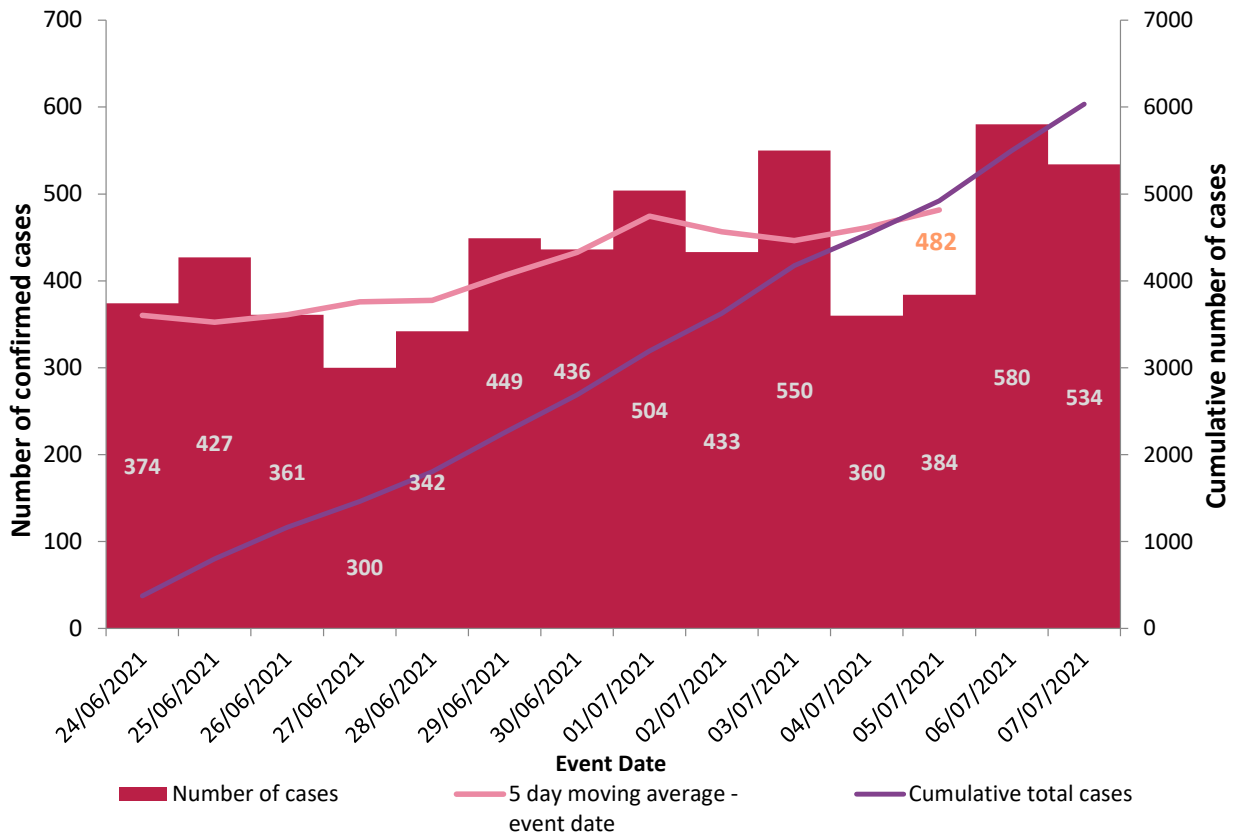


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=6034)

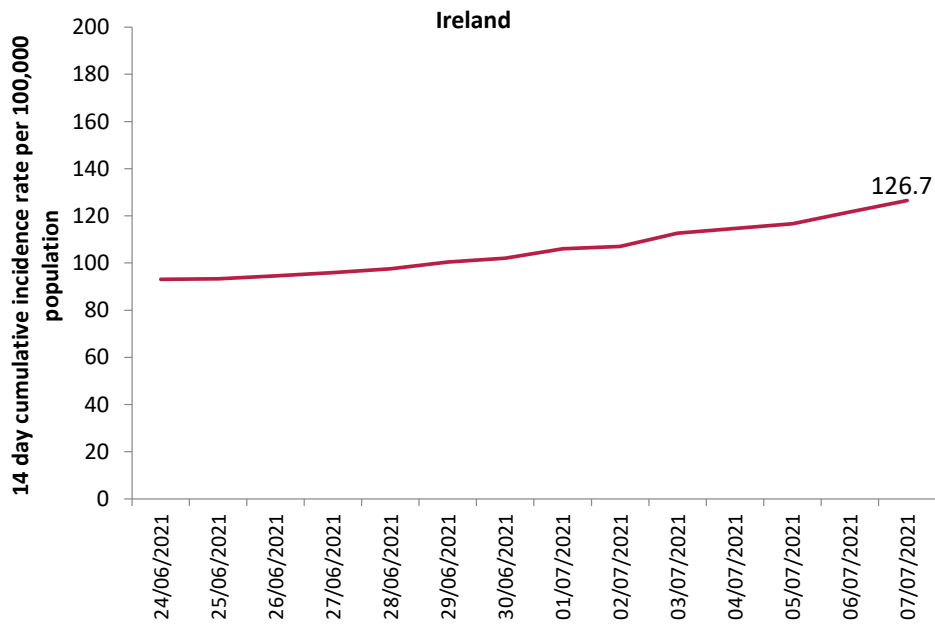


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 24/06/2021 up to midnight on 07/07/2021

*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 24/06/2021 up to midnight on 07/07/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (03/07/2021 - 07/07/2021)
Donegal	620	389.5	53
Waterford	235	202.3	8
Sligo	132	201.4	14
Limerick	353	181.1	30
Roscommon	116	179.7	8
Dublin	2,367	175.7	179
Meath	283	145.1	23
Westmeath	108	121.7	5
Louth	151	117.2	16
Offaly	86	110.3	7
Laois	88	103.9	5
Clare	114	95.9	5
Kildare	208	93.5	18
Cavan	63	82.7	6
Wicklow	115	80.7	10
Mayo	104	79.7	12
Galway	195	75.6	16
Kerry	110	74.5	13
Wexford	109	72.8	12
Monaghan	44	71.7	4
Longford	29	71.0	2
Kilkenny	63	63.5	6
Tipperary	75	47.0	5
Cork	227	41.8	19
Leitrim	13	40.6	1
Carlow	16	28.1	2
Unknown/Other*	10		
Total	6,034	126.7	482

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 24/06/2021 up to midnight on 07/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	417	6.9
Close contact with a known confirmed case	3,582	59.4
Healthcare setting acquired: patient	10	0.2
Healthcare setting acquired: staff	9	0.1
Community transmission	1,387	23.0
Under investigation	629	10.4
Total cases with known most likely transmission source	5,405	89.6
Total	6,034	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 24/06/2021 up to midnight on 07/07/2021

Date	Number of confirmed cases
24/06/2021	374
25/06/2021	427
26/06/2021	361
27/06/2021	300
28/06/2021	342
29/06/2021	449
30/06/2021	436
01/07/2021	504
02/07/2021	433
03/07/2021	550
04/07/2021	360
05/07/2021	384
06/07/2021	580
07/07/2021	534
Total	6,034

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 (24/06/2021 to 07/07/2021)

