

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

Report prepared by HPSC on 20/08/2021

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

	Number	Percent
Total number of confirmed cases on COVID CCT	24,627	
National incidence of confirmed cases per 100,000 population	517.2	
Number of cases in healthcare workers	870	3.5
Males	12,472	50.6
Females	12,115	49.2
M:F ratio	1.0	
Median age (years)	24	
Mean age (years)	29	
Age range (years)	0-102	

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 06/08/2021 up to midnight on 19/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		24,627	100
Sex	Male	12,472	50.6
	Female	12,115	49.2
	Unknown	40	0.2
Age	Median age (years)	24	
	Mean age (years)	29	
	Age range (years)	0-102	
	0-4 yrs	1164	4.7
	5-12 yrs	2415	9.8
	13-18 yrs	4282	17.4
	19-24 yrs	4555	18.5
	25-34 yrs	4377	17.8
	35-44 yrs	2791	11.3
	45-54 yrs	2275	9.2
	55-64 yrs	1474	6.0
	65-74 yrs	698	2.8
	75-84 yrs	388	1.6
	85+ yrs	208	0.8
	Total	24,627	

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

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		24,627	100	
Symptom status at time of test*	Yes	17,141	69.6	80.8
	No	4,075	16.5	19.2
	Unknown	3,411	13.9	
	Total cases where known	21,216		
Healthcare worker	Yes	870	3.5	4.0
	No	20,642	83.8	96.0
	Unknown	3115	12.6	
	Total cases where known	21,512		

*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.

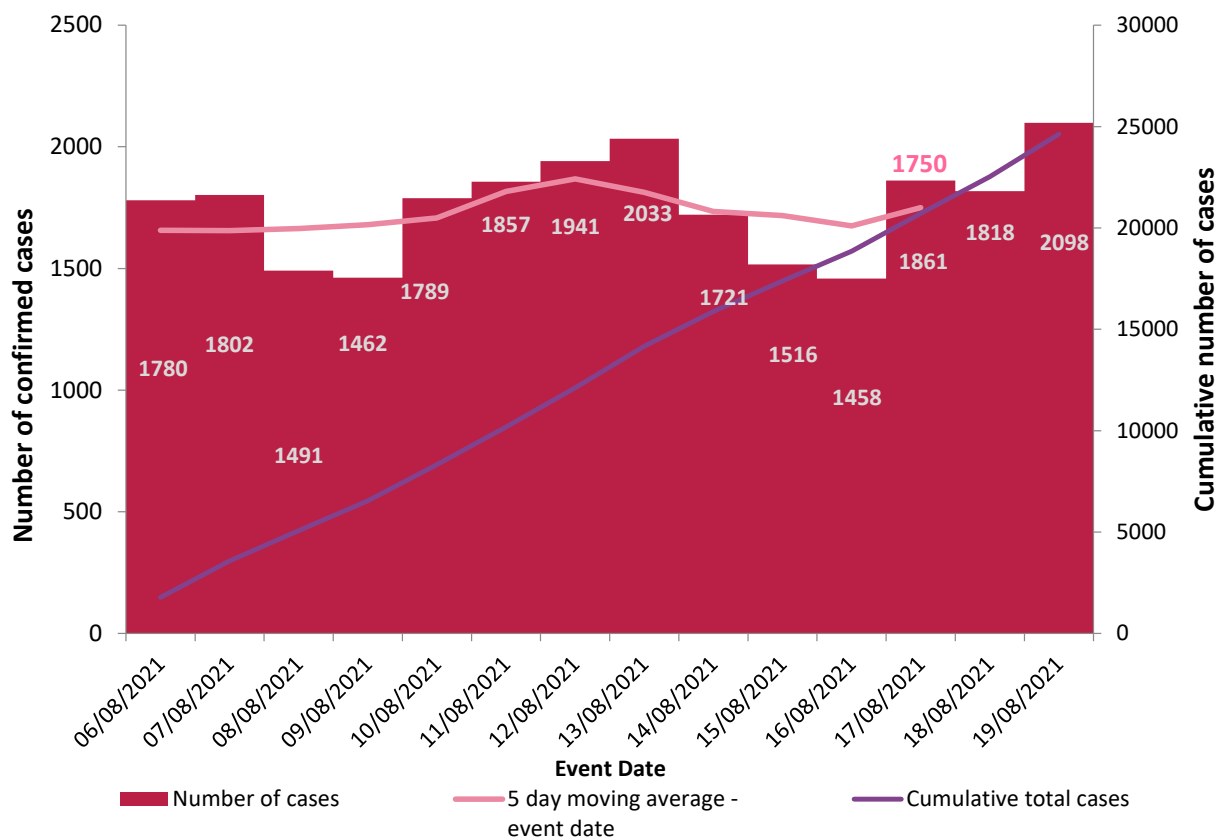


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=24627)

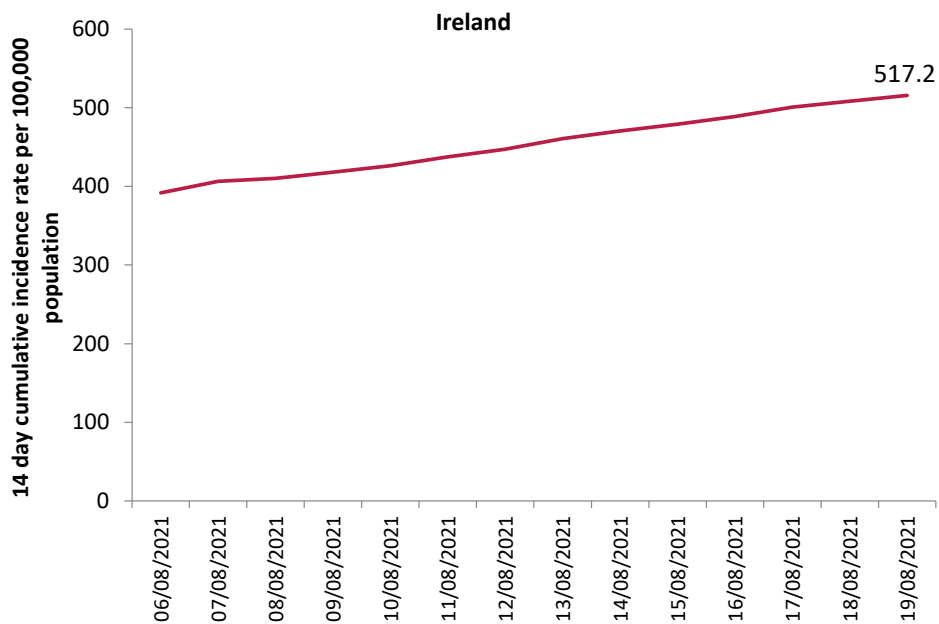


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 06/08/2021 up to midnight on 19/08/2021

*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 06/08/2021 up to midnight on 19/08/2021 7 day numbers are reported from 13/08/2021 up to midnight on 19/08/2021

County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (15/08/2021 - 19/08/2021)
Monaghan	428	697.2	817	1330.9	52.39	58
Cavan	477	626.2	824	1081.7	57.89	69
Donegal	834	523.9	1720	1080.5	48.49	122
Roscommon	252	390.4	520	805.7	48.46	32
Louth	402	311.9	780	605.2	51.54	50
Kerry	452	306.0	783	530.1	57.73	61
Westmeath	264	297.4	461	519.3	57.27	35
Limerick	575	295.0	1006	516.2	57.16	82
Mayo	382	292.7	906	694.2	42.16	51
Galway	724	280.6	1560	604.5	46.41	94
Meath	511	262.0	948	486.0	53.90	71
Dublin	3,508	260.4	7066	524.4	49.65	500
Sligo	163	248.7	376	573.7	43.35	21
Tipperary	381	238.8	646	404.9	58.98	56
Carlow	133	233.6	248	435.6	53.63	20
Laois	191	225.5	362	427.4	52.76	29
Waterford	254	218.6	463	398.5	54.86	40
Offaly	155	198.8	325	416.9	47.69	20
Wicklow	282	198.0	562	394.6	50.18	42
Kildare	426	191.5	829	372.6	51.39	60
Cork	976	179.8	1901	350.2	51.34	133
Clare	201	169.2	357	300.5	56.30	29
Longford	68	166.4	157	384.1	43.31	10
Wexford	240	160.3	561	374.7	42.78	34
Leitrim	51	159.2	114	355.8	44.74	6
Kilkenny	130	131.0	267	269.1	48.69	19
Unknown	45		68			
Total	12,505	262.6	24,627	517.2	50.78	1750

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

Most likely transmission source	Number of cases	Percent
Travel related	936	3.8
Close contact with a known confirmed case	11,390	46.3
Healthcare setting acquired: patient	93	0.4
Healthcare setting acquired: staff	92	0.4
Community transmission	7,519	30.5
Under investigation	4,597	18.7
Total cases with known most likely transmission source	20,030	81.3
Total	24,627	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 06/08/2021 up to midnight on 19/08/2021

Date	Number of confirmed cases
06/08/2021	1780
07/08/2021	1802
08/08/2021	1491
09/08/2021	1462
10/08/2021	1789
11/08/2021	1857
12/08/2021	1941
13/08/2021	2033
14/08/2021	1721
15/08/2021	1516
16/08/2021	1458
17/08/2021	1861
18/08/2021	1818
19/08/2021	2098
Total	24,627

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 (06/08/2021 to 19/08/2021)



