

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

Report prepared by HPSC on 19/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 05/08/2021 up to midnight on 18/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	24,272	
National incidence of confirmed cases per 100,000 population	509.7	
Number of cases in healthcare workers	840	3.5
Males	12,380	51.0
Females	11,853	48.8
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 05/08/2021 up to midnight on 18/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		24,272	100
Sex	Male	12,380	51.0
	Female	11,853	48.8
	Unknown	39	0.2
Age	Median age (years)	24	
	Mean age (years)	29	
	Age range (years)	0-102	
	0-4 yrs	1143	4.7
	5-12 yrs	2283	9.4
	13-18 yrs	4202	17.3
	19-24 yrs	4671	19.2
	25-34 yrs	4338	17.9
	35-44 yrs	2782	11.5
	45-54 yrs	2208	9.1
	55-64 yrs	1417	5.8
	65-74 yrs	657	2.7
	75-84 yrs	379	1.6
	85+ yrs	192	0.8
	Total	24,272	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 05/08/2021 up to midnight on 18/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		24,272	100	
Symptom status at time of test*	Yes	17,049	70.2	80.8
	No	4,061	16.7	19.2
	Unknown	3,162	13.0	
	Total cases where known	21,110		
Healthcare worker	Yes	840	3.5	3.9
	No	20,554	84.7	96.1
	Unknown	2878	11.9	
	Total cases where known	21,394		

*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.

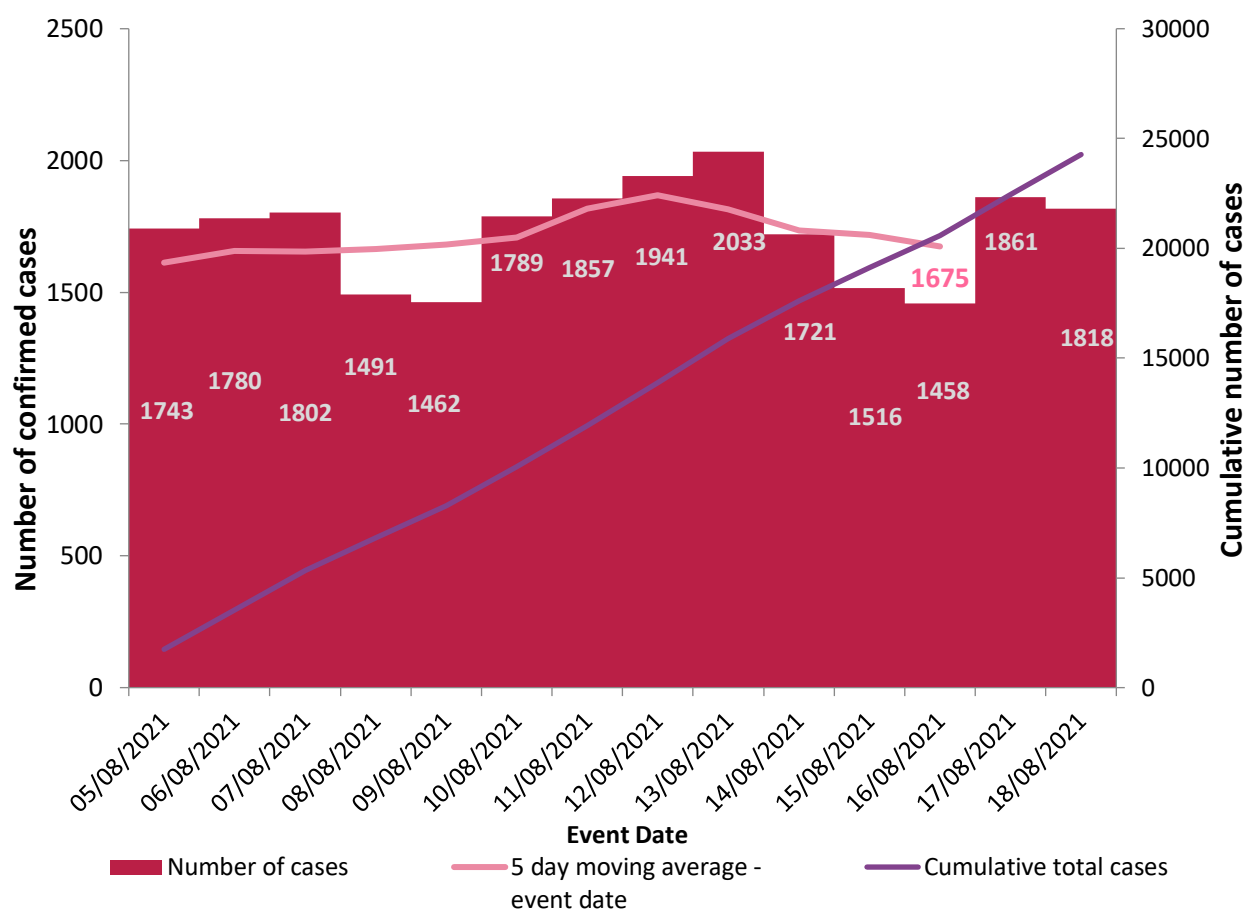


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=24272)

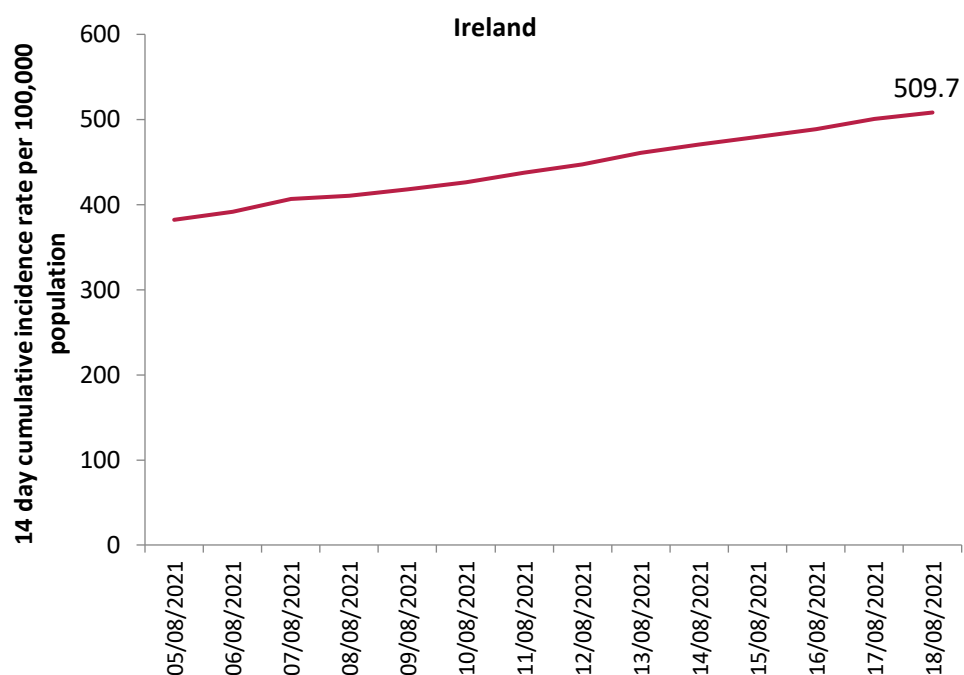


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 05/08/2021 up to midnight on 18/08/2021

*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 05/08 to midnight on 18/08/2021 7 day numbers are reported from 12/08/2021 up to midnight on 18/08/2021

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 (14/08/2021 - 18/08/2021)
Monaghan	447	728.2	811	1321.1	55.12	58
Cavan	465	610.4	790	1037.1	58.86	68
Donegal	828	520.1	1663	1044.7	49.79	111
Roscommon	279	432.3	510	790.2	54.71	35
Louth	394	305.7	784	608.3	50.26	55
Galway	776	300.7	1594	617.7	48.68	100
Limerick	571	293.0	975	500.3	58.56	80
Mayo	375	287.3	884	677.4	42.42	48
Kerry	422	285.7	746	505.1	56.57	54
Sligo	187	285.3	392	598.2	47.70	24
Westmeath	247	278.2	426	479.9	57.98	34
Meath	509	261.0	948	486.0	53.69	72
Dublin	3,376	250.6	6967	517.1	48.46	461
Carlow	132	231.9	247	433.9	53.44	18
Tipperary	364	228.1	625	391.7	58.24	49
Laois	184	217.2	342	403.8	53.80	26
Offaly	163	209.1	337	432.3	48.37	22
Waterford	229	197.1	436	375.3	52.52	34
Kildare	433	194.6	811	364.5	53.39	58
Wicklow	271	190.3	548	384.8	49.45	38
Leitrim	58	181.0	121	377.6	47.93	7
Cork	954	175.7	1890	348.2	50.48	129
Clare	205	172.5	365	307.2	56.16	30
Wexford	249	166.3	567	378.7	43.92	30
Kilkenny	133	134.0	270	272.1	49.26	19
Longford	54	132.1	153	374.3	35.29	8
Unknown/Other*	43		70			
Total	12,348	259.3	24,272	509.7	50.87	1675

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 05/08/2021 up to midnight on 18/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	954	3.9
Close contact with a known confirmed case	11,308	46.6
Healthcare setting acquired: patient	96	0.4
Healthcare setting acquired: staff	87	0.4
Community transmission	7,513	31.0
Under investigation	4,314	17.8
Total cases with known most likely transmission source	19,958	82.2
Total	24,272	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 05/08/2021 up to midnight on 18/08/2021

Date	Number of confirmed cases
05/08/2021	1743
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
Total	24,272

Acknowledgements

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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.

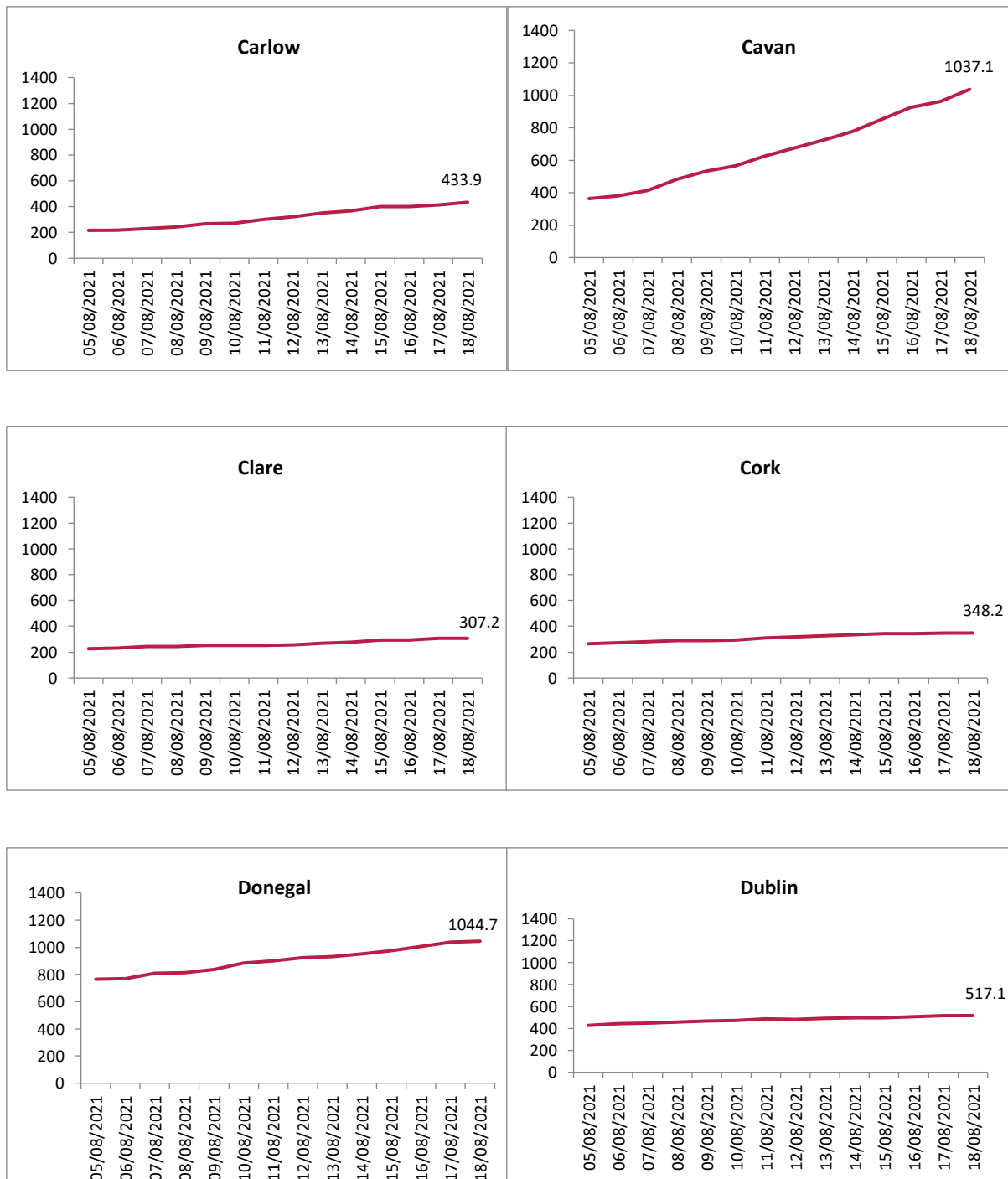
4. Transmission classification

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 (05/08/2021 to 18/08/2021)



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