

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

Report prepared by HPSC on 25/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 11/08/2021 up to midnight on 24/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	25,328	
National incidence of confirmed cases per 100,000 population	531.9	
Number of cases in healthcare workers	945	3.7
Males	12,657	50.0
Females	12,623	49.8
M:F ratio	1.0	
Median age (years)	25	
Mean age (years)	30	
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 11/08/2021 up to midnight on 24/08/2021

Characteristic	Number of cases	Percent
Total number of confirmed cases	25,328	100
Sex		
Male	12,657	50.0
Female	12,623	49.8
Unknown	48	0.2
Age		
Median age (years)	25	
Mean age (years)	30	
Age range (years)	0-102	
0-4 yrs	1300	5.1
5-12 yrs	2785	11.0
13-18 yrs	4125	16.3
19-24 yrs	4010	15.8
25-34 yrs	4230	16.7
35-44 yrs	3028	12.0
45-54 yrs	2618	10.3
55-64 yrs	1659	6.6
65-74 yrs	840	3.3
75-84 yrs	467	1.8
85+ yrs	266	1.1
Total	25,328	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 11/08/2021 up to midnight on 24/08/2021

Characteristic	Number of cases	Percent	Percent where known
Total number of confirmed cases	25,328	100	
Symptom status at time of test*			
Yes	17,075	67.4	80.3
No	4,201	16.6	19.7
Unknown	4,052	16.0	
Total cases where known	21,276		
Healthcare worker			
Yes	945	3.7	4.4
No	20,659	81.6	95.6
Unknown	3724	14.7	
Total cases where known	21,604		

*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.

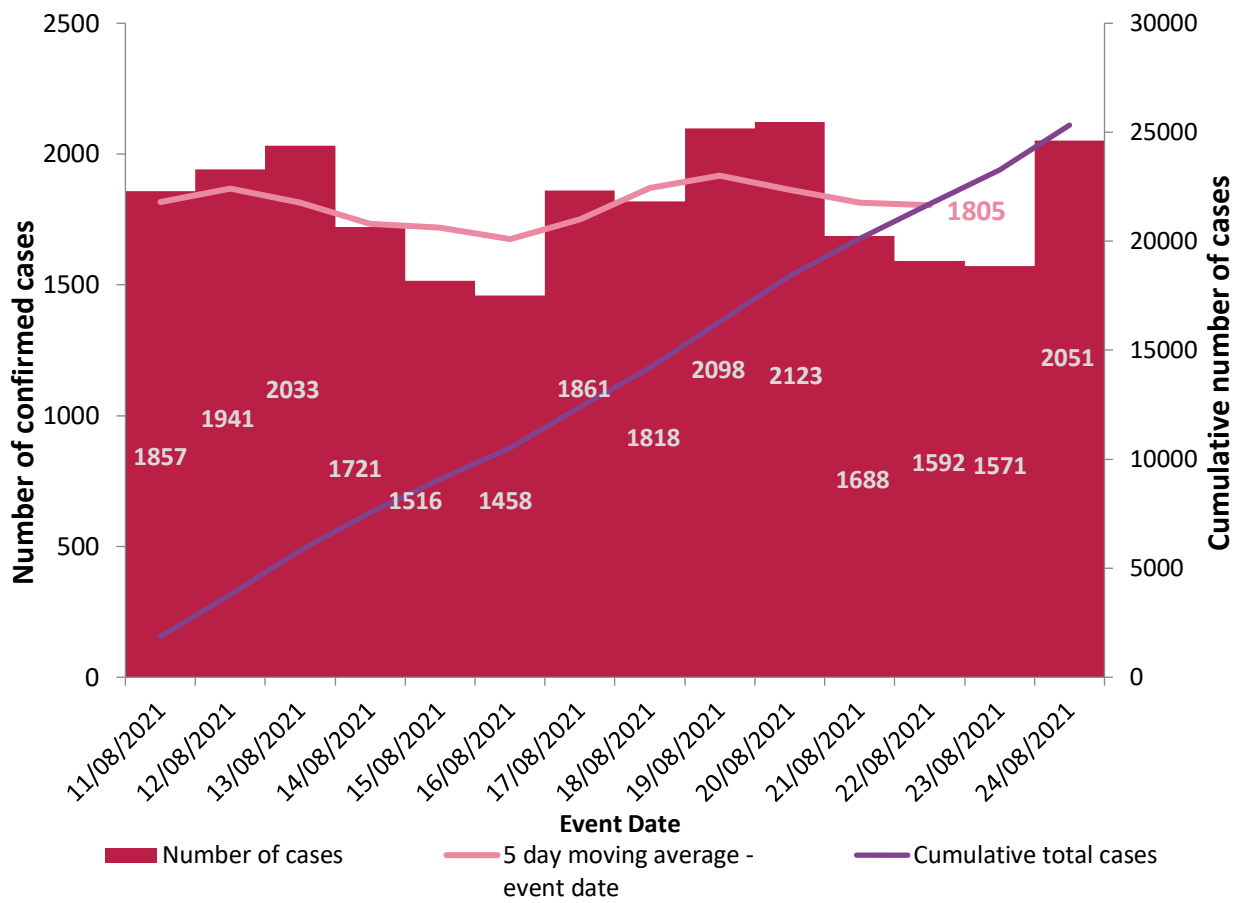


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=25328)

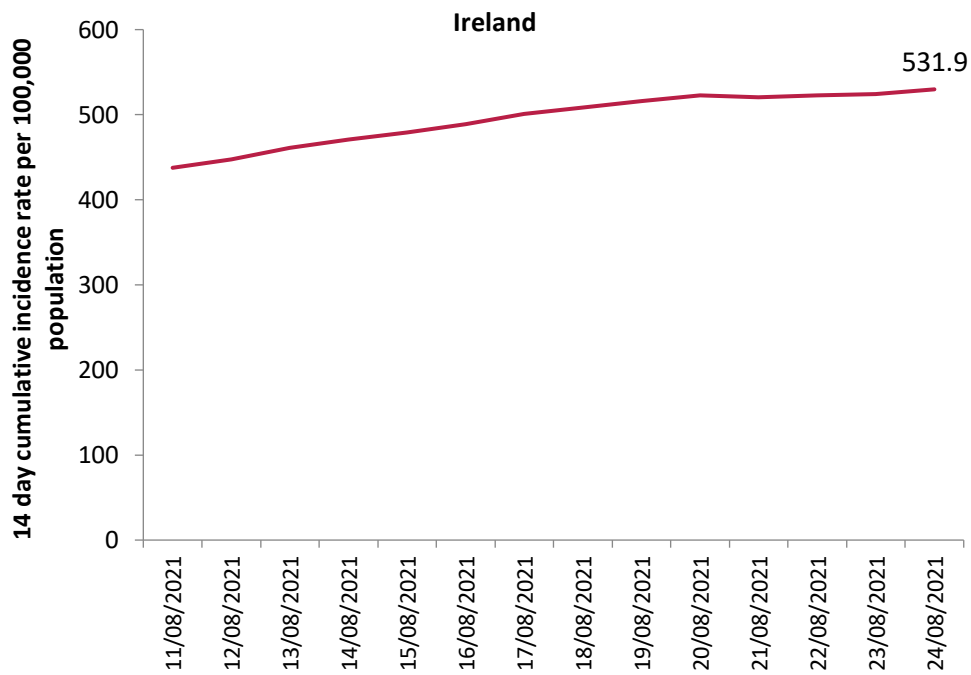


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 11/08/2021 up to midnight on 24/08/2021

*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 11/08 to midnight on 24/08/2021 7 day numbers are reported from 18/08/2021 up to midnight on 24/08/2021

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 (20/08/2021 - 24/08/2021)
Monaghan	475	773.8	936	1524.8	50.75	72
Donegal	970	609.3	1781	1118.8	54.46	135
Cavan	420	551.4	874	1147.3	48.05	56
Roscommon	223	345.5	512	793.3	43.55	34
Mayo	444	340.2	847	649.0	52.42	65
Tipperary	539	337.8	891	558.4	60.49	85
Longford	138	337.6	193	472.2	71.50	21
Kerry	453	306.7	862	583.6	52.55	58
Westmeath	260	292.9	520	585.8	50.00	37
Limerick	545	279.6	1105	567.0	49.32	77
Sligo	183	279.2	372	567.6	49.19	30
Offaly	216	277.1	376	482.3	57.45	33
Meath	515	264.0	997	511.2	51.65	68
Galway	678	262.7	1440	558.0	47.08	92
Dublin	3,510	260.5	6943	515.3	50.55	470
Waterford	295	253.9	516	444.2	57.17	39
Leitrim	79	246.5	132	411.9	59.85	12
Louth	316	245.2	722	560.2	43.77	43
Carlow	136	238.9	263	462.0	51.71	18
Laois	192	226.7	360	425.0	53.33	23
Wicklow	308	216.3	571	400.9	53.94	44
Kildare	450	202.2	897	403.1	50.17	65
Wexford	276	184.3	540	360.7	51.11	39
Cork	982	180.9	1970	362.9	49.85	138
Kilkenny	137	138.1	273	275.1	50.18	20
Clare	141	118.7	336	282.8	41.96	19
Unknown/Other*	60		99			
Total	12,941	271.8	25,328	531.9	51.09	1805

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 11/08/2021 up to midnight on 24/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	890	3.5
Close contact with a known confirmed case	11,282	44.5
Healthcare setting acquired: patient	113	0.4
Healthcare setting acquired: staff	115	0.5
Community transmission	7,455	29.4
Under investigation	5,473	21.6
Total cases with known most likely transmission source	19,855	78.4
Total	25,328	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 11/08/2021 up to midnight on 24/08/2021

Date	Number of confirmed cases
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
20/08/2021	2123
21/08/2021	1688
22/08/2021	1592
23/08/2021	1571
24/08/2021	2051
Total	25,328

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 (11/08/2021 to 24/08/2021)

