

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

Report prepared by HPSC on 31/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 17/08/2021 up to midnight on 30/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	24,919	
National incidence of confirmed cases per 100,000 population	523.3	
Number of cases in healthcare workers	1027	4.1
Males	12,391	49.7
Females	12,478	50.1
M:F ratio	1.0	
Median age (years)	26	
Mean age (years)	31	
Age range (years)	0-108	

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 17/08/2021 up to midnight on 30/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		24,919	100
Sex	Male	12,391	49.7
	Female	12,478	50.1
	Unknown	50	0.2
Age	Median age (years)	26	
	Mean age (years)	31	
	Age range (years)	0-108	
	0-4 yrs	1398	5.6
	5-12 yrs	3112	12.5
	13-18 yrs	3472	13.9
	19-24 yrs	3591	14.4
	25-34 yrs	4040	16.2
	35-44 yrs	3207	12.9
	45-54 yrs	2691	10.8
	55-64 yrs	1701	6.8
	65-74 yrs	945	3.8
	75-84 yrs	481	1.9
	85+ yrs	281	1.1
	Total	24,919	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 17/08/2021 up to midnight on 30/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		24,919	100	
Symptom status at time of test*	Yes	16,938	68.0	79.3
	No	4,432	17.8	20.7
	Unknown	3,549	14.2	
	Total cases where known	21,370		
Healthcare worker	Yes	1,027	4.1	4.7
	No	20,674	83.0	95.3
	Unknown	3218	12.9	
	Total cases where known	21,701		

*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.

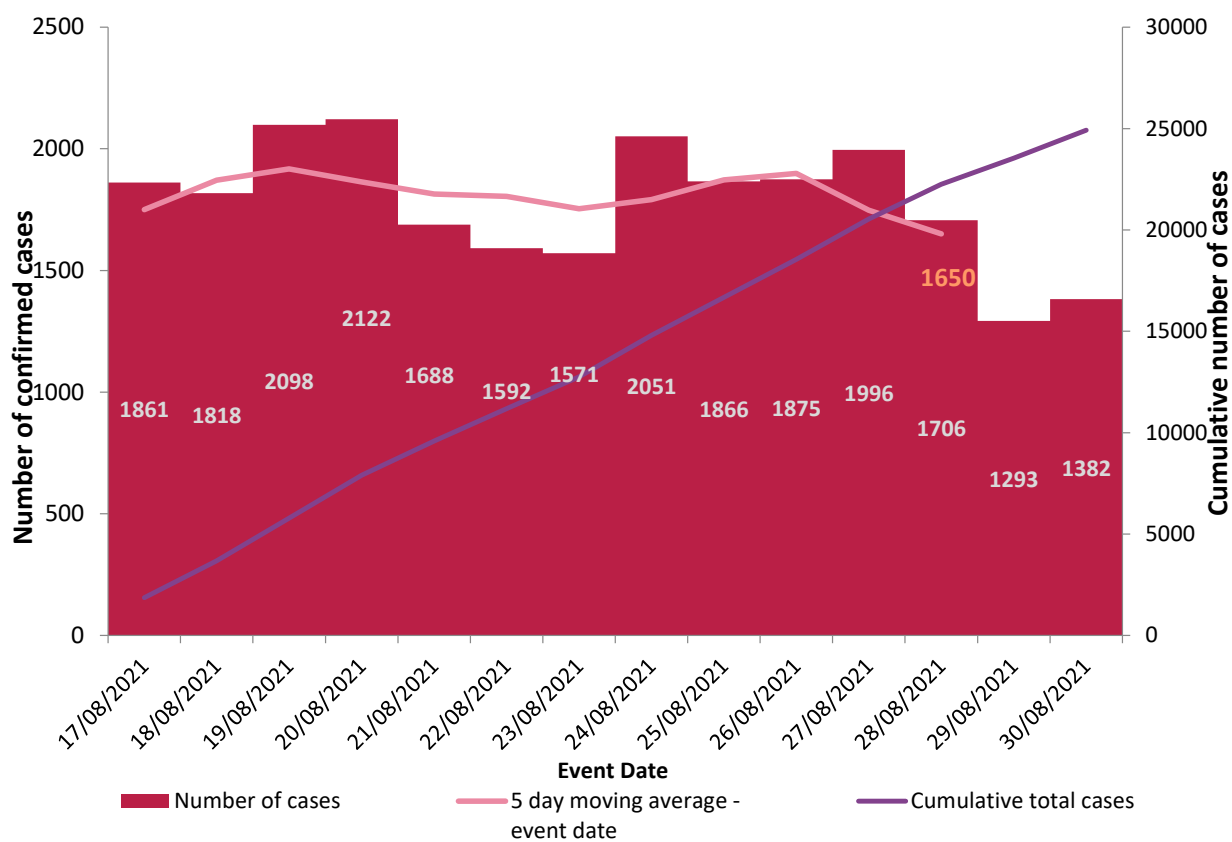


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=24919)

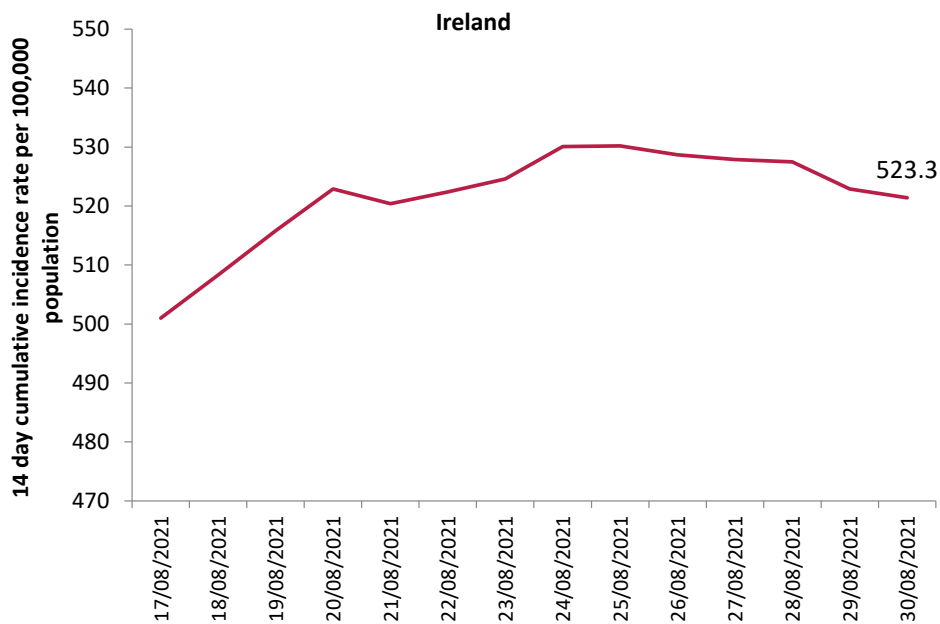


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 17/08/2021 up to midnight on 30/08/2021

*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 17/08/2021 up to midnight on 30/08/2021 7 day numbers are reported from 24/08/2021 up to midnight on 30/08/2021

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 (26/08/2021 - 30/08/2021)
Monaghan	484	788.5	943	1536.2	51.33	64
Donegal	890	559.1	1853	1164.0	48.03	119
Cavan	345	452.9	754	989.8	45.76	45
Longford	154	376.8	260	636.1	59.23	20
Sligo	218	332.6	393	599.7	55.47	31
Louth	391	303.4	697	540.8	56.10	56
Kerry	443	299.9	894	605.3	49.55	58
Leitrim	91	284.0	159	496.2	57.23	11
Roscommon	179	277.3	405	627.5	44.20	24
Carlow	151	265.2	288	505.9	52.43	21
Offaly	203	260.4	388	497.7	52.32	25
Limerick	491	251.9	1063	545.4	46.19	71
Dublin	3,383	251.1	6937	514.9	48.77	462
Meath	486	249.2	993	509.1	48.94	66
Galway	639	247.6	1281	496.4	49.88	84
Mayo	317	242.9	763	584.6	41.55	45
Tipperary	382	239.4	913	572.2	41.84	49
Westmeath	201	226.4	434	488.9	46.31	23
Kilkenny	208	209.6	339	341.6	61.36	31
Wicklow	295	207.1	581	407.9	50.77	37
Cork	1,041	191.8	1997	367.9	52.13	148
Wexford	278	185.7	539	360.0	51.58	40
Kildare	409	183.8	855	384.3	47.84	57
Waterford	193	166.1	481	414.0	40.12	23
Laois	107	126.3	307	362.5	34.85	15
Clare	150	126.2	312	262.6	48.08	21
Unknown	40		90			
Total	12,169	255.6	24,919	523.3	48.83	1650

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 17/08/2021 up to midnight on 30/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	939	3.8
Close contact with a known confirmed case	11,005	44.2
Healthcare setting acquired: patient	142	0.6
Healthcare setting acquired: staff	139	0.6
Community transmission	7,732	31.0
Under investigation	4,962	19.9
Total cases with known most likely transmission source	19,957	80.1
Total	24,919	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 17/08/2021 up to midnight on 30/08/2021

Date	Number of confirmed cases
17/08/2021	1861
18/08/2021	1818
19/08/2021	2098
20/08/2021	2122
21/08/2021	1688
22/08/2021	1592
23/08/2021	1571
24/08/2021	2051
25/08/2021	1866
26/08/2021	1875
27/08/2021	1996
28/08/2021	1706
29/08/2021	1293
30/08/2021	1382
Total	24,919

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 (17/08/2021 to 30/08/2021)

