

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

Report prepared by HPSC on 26/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 12/08/2021 up to midnight on 25/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	25,337	
National incidence of confirmed cases per 100,000 population	532.1	
Number of cases in healthcare workers	972	3.8
Males	12,605	49.7
Females	12,687	50.1
M:F ratio	1.0	
Median age (years)	26	
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 12/08/2021 up to midnight on 25/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		25,337	100
Sex	Male	12,605	49.7
	Female	12,687	50.1
	Unknown	45	0.2
Age	Median age (years)	26	
	Mean age (years)	30	
	Age range (years)	0-102	
	0-4 yrs	1312	5.2
	5-12 yrs	2859	11.3
	13-18 yrs	4049	16.0
	19-24 yrs	3917	15.5
	25-34 yrs	4194	16.6
	35-44 yrs	3057	12.1
	45-54 yrs	2637	10.4
	55-64 yrs	1670	6.6
	65-74 yrs	875	3.5
	75-84 yrs	492	1.9
	85+ yrs	275	1.1
	Total	25,337	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 12/08/2021 up to midnight on 25/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		25,337	100	
Symptom status at time of test*	Yes	17,085	67.4	80.0
	No	4,273	16.9	20.0
	Unknown	3,979	15.7	
	Total cases where known	21,358		
Healthcare worker	Yes	972	3.8	4.5
	No	20,714	81.8	95.5
	Unknown	3651	14.4	
	Total cases where known	21,686		

*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.

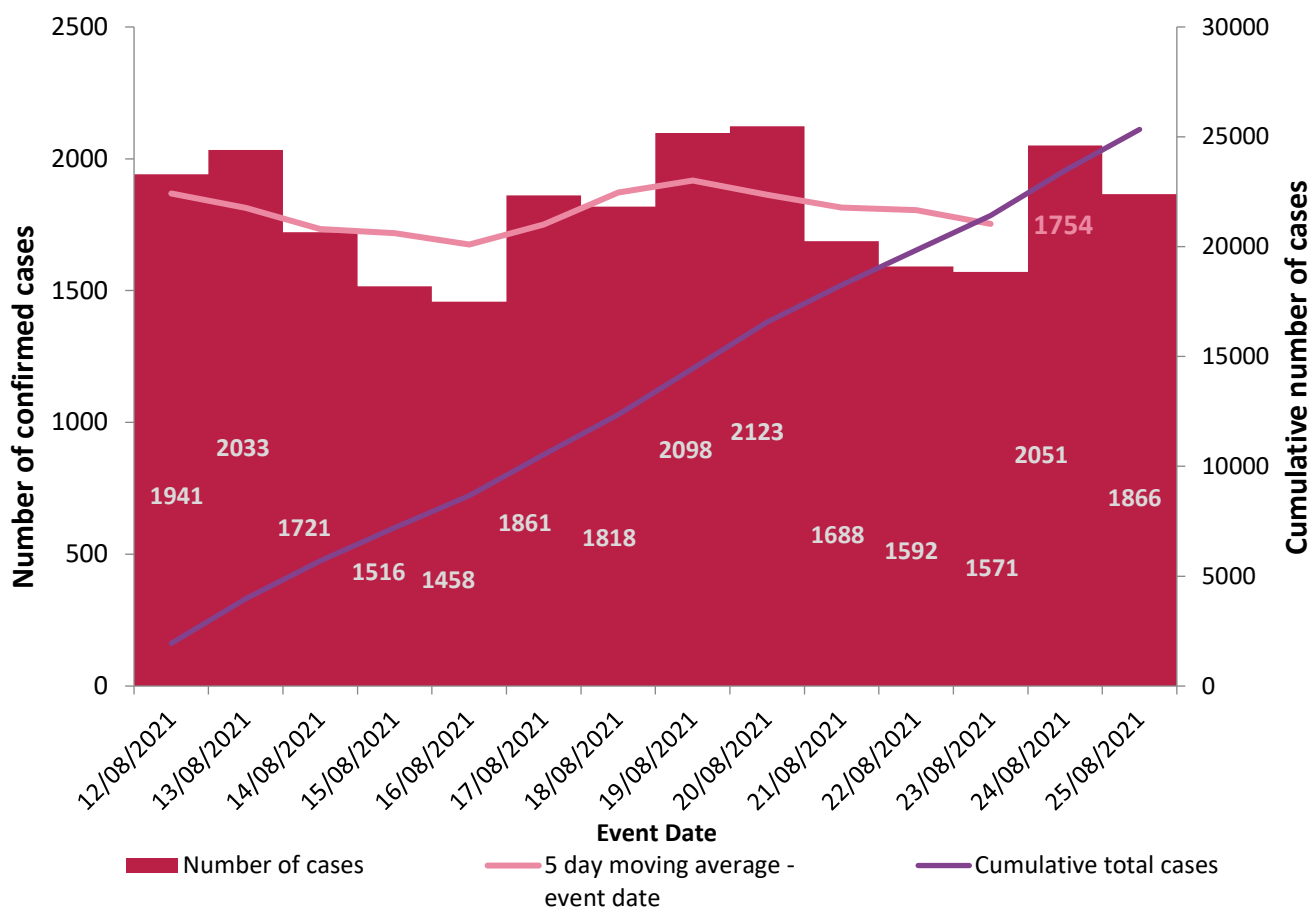


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=25337)

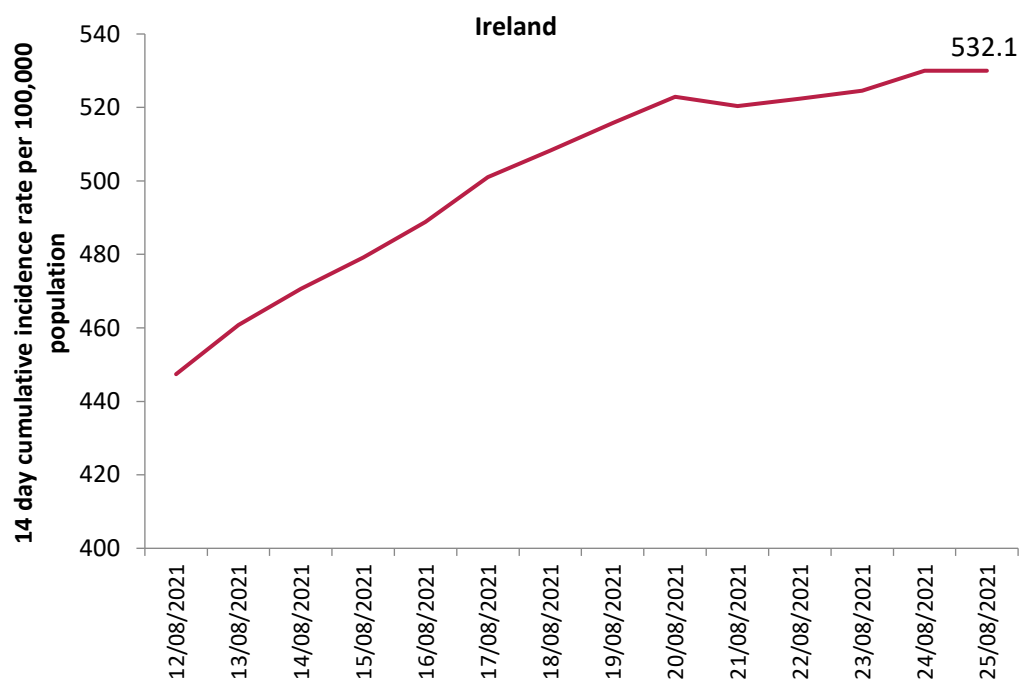


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 12/08/2021 up to midnight on 25/08/2021

*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 12/08/2021 up to midnight on 25/08/2021 7 day numbers are reported from 19/08/2021 up to midnight on 25/08/2021

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 (21/08/2021 - 25/08/2021)
Monaghan	504	821.0	951	1549.2	53.00	69
Donegal	1,010	634.5	1838	1154.6	54.95	136
Cavan	404	530.4	869	1140.8	46.49	52
Longford	141	345.0	195	477.1	72.31	21
Tipperary	550	344.7	914	572.9	60.18	69
Roscommon	219	339.3	498	771.6	43.98	32
Mayo	431	330.3	806	617.6	53.47	59
Kerry	478	323.6	900	609.3	53.11	65
Westmeath	268	301.9	515	580.2	52.04	36
Sligo	197	300.6	384	585.9	51.30	30
Offaly	220	282.2	383	491.3	57.44	34
Limerick	541	277.6	1112	570.6	48.65	75
Leitrim	85	265.3	143	446.3	59.44	13
Dublin	3,500	259.8	6879	510.6	50.88	468
Louth	331	256.8	725	562.5	45.66	45
Meath	499	255.8	1008	516.8	49.50	69
Galway	649	251.5	1425	552.2	45.54	87
Waterford	286	246.2	515	443.3	55.53	35
Carlow	134	235.4	266	467.2	50.38	17
Wicklow	318	223.3	589	413.6	53.99	45
Kildare	452	203.1	885	397.7	51.07	62
Laois	159	187.7	343	405.0	46.36	18
Cork	998	183.8	1952	359.6	51.13	127
Wexford	274	183.0	523	349.3	52.39	37
Kilkenny	147	148.1	280	282.2	52.50	23
Clare	135	113.6	340	286.2	39.71	19
Unknown/Other*	59		99			
Total	12,989	272.8	25,337	532.1	51.26	1754

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 12/08/2021 up to midnight on 25/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	894	3.5
Close contact with a known confirmed case	11,319	44.7
Healthcare setting acquired: patient	119	0.5
Healthcare setting acquired: staff	128	0.5
Community transmission	7,494	29.6
Under investigation	5,383	21.2
Total cases with known most likely transmission source	19,954	78.8
Total	25,337	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 12/08/2021 up to midnight on 25/08/2021

Date	Number of confirmed cases
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
25/08/2021	1866
Total	25,337

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 (12/08/2021 to 25/08/2021)



