

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

Report prepared by HPSC on 13/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 30/07/2021 up to midnight on 12/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	21,470	
National incidence of confirmed cases per 100,000 population	450.9	
Number of cases in healthcare workers	728	3.4
Males	11,025	51.4
Females	10,416	48.5
M:F ratio	1.1	
Median age (years)	24	
Mean age (years)	28	
Age range (years)	0-100	

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 30/07/2021 up to midnight on 12/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		21,470	100
Sex	Male	11,025	51.4
	Female	10,416	48.5
	Unknown	29	0.1
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0-100	
	0-4 yrs	965	4.5
	5-12 yrs	1789	8.3
	13-18 yrs	3622	16.9
	19-24 yrs	4715	22.0
	25-34 yrs	4241	19.8
	35-44 yrs	2424	11.3
	45-54 yrs	1685	7.8
	55-64 yrs	1143	5.3
	65-74 yrs	489	2.3
	75-84 yrs	285	1.3
	85+ yrs	112	0.5
	Total	21,470	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 30/07/2021 up to midnight on 12/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		21,470	100	
Symptom status at time of test*	Yes	15,327	71.4	81.0
	No	3,594	16.7	19.0
	Unknown	2,549	11.9	
	Total cases where known	18,921		
Healthcare worker	Yes	728	3.4	3.8
	No	18,428	85.8	96.2
	Unknown	2314	10.8	
	Total cases where known	19,156		

*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.

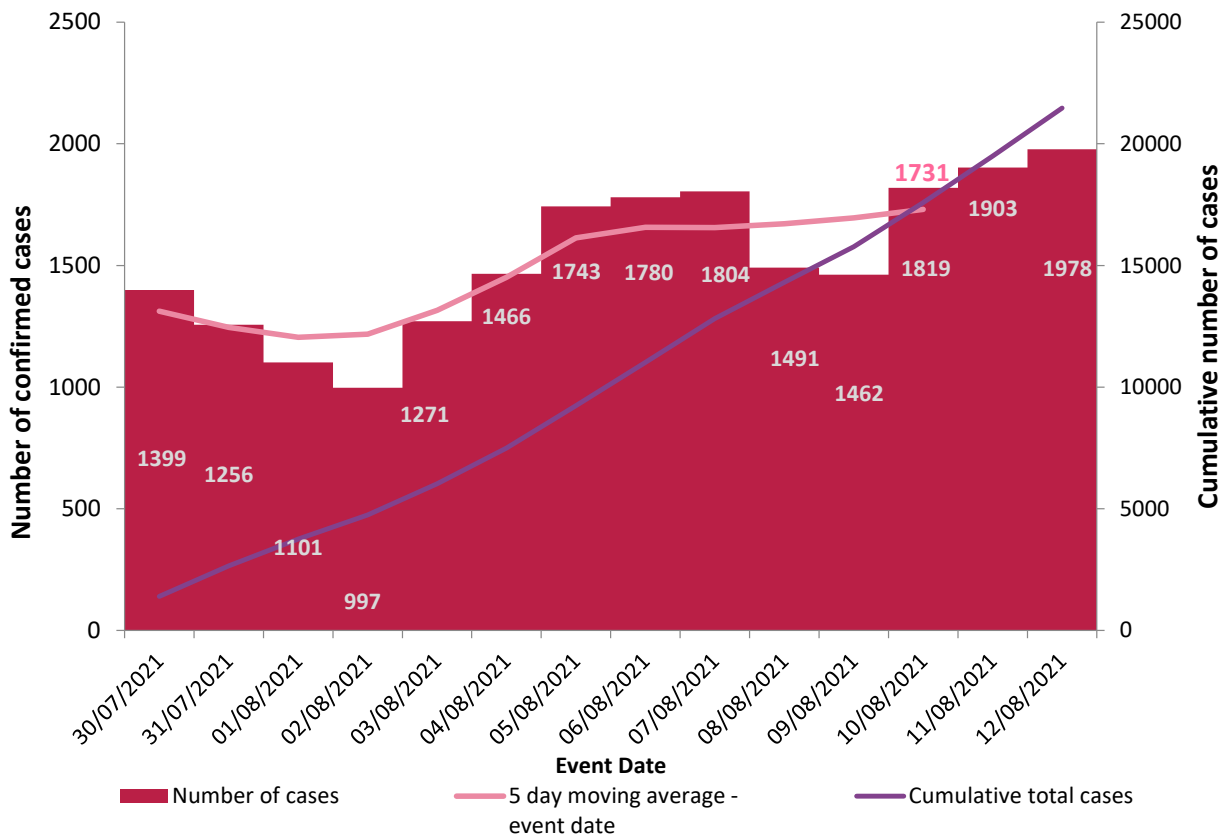


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=21470)

Following data validation, the daily case numbers over the bank holiday weekend have been updated

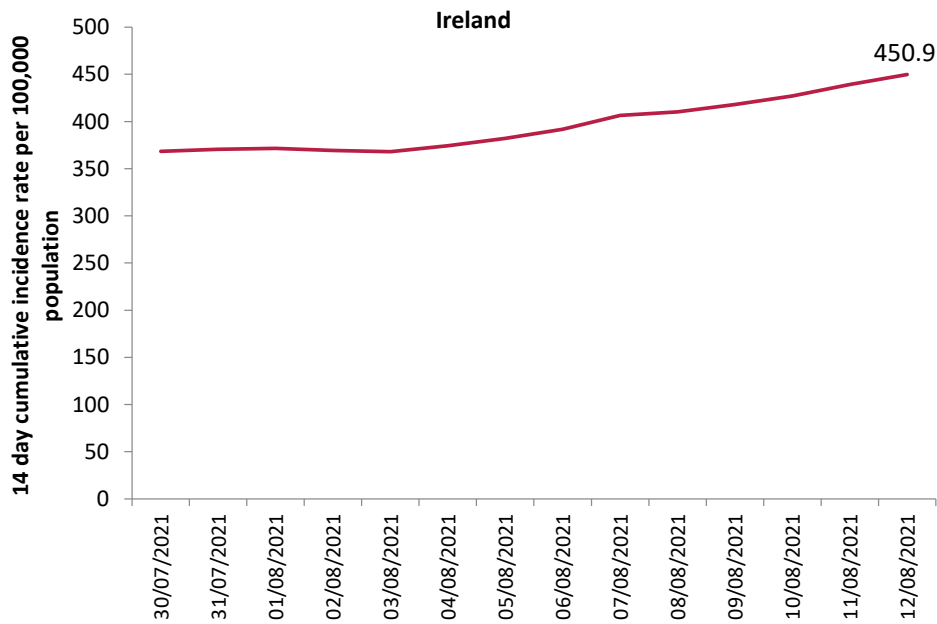


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 30/07/2021 up to midnight on 12/08/2021

*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 30/07/2021 up to midnight on 12/08/2021 7 day numbers are reported from 06/08/2021 up to midnight on 12/08/2021

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 (08/08/2021 - 12/08/2021)
Monaghan	391	637.0	553	900.9	70.71	61
Donegal	889	558.4	1475	926.6	60.27	126
Cavan	348	456.8	516	677.4	67.44	56
Roscommon	271	419.9	394	610.4	68.78	35
Mayo	532	407.6	883	676.6	60.25	66
Sligo	218	332.6	353	538.6	61.76	28
Galway	845	327.4	1558	603.7	54.24	118
Louth	380	294.8	750	581.9	50.67	54
Dublin	3,590	266.4	6565	487.2	54.68	509
Meath	444	227.6	807	413.8	55.02	67
Kerry	335	226.8	637	431.3	52.59	49
Limerick	437	224.2	785	402.8	55.67	61
Westmeath	199	224.2	318	358.2	62.58	32
Offaly	171	219.3	262	336.1	65.27	22
Longford	89	217.7	143	349.9	62.24	11
Wexford	324	216.4	510	340.6	63.53	46
Laois	173	204.3	306	361.3	56.54	22
Carlow	116	203.8	183	321.4	63.39	18
Wicklow	286	200.8	556	390.4	51.44	40
Leitrim	63	196.6	121	377.6	52.07	7
Kildare	408	183.4	690	310.1	59.13	61
Waterford	209	179.9	315	271.1	66.35	31
Cork	932	171.7	1726	317.9	54.00	125
Tipperary	267	167.3	458	287.1	58.30	39
Kilkenny	137	138.1	249	250.9	55.02	21
Clare	157	132.1	305	256.7	51.48	21
Unknown	26		52			
Total	12,237	257.0	21,470	450.9	57.00	1731

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 30/07/2021 up to midnight on 12/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	875	4.1
Close contact with a known confirmed case	10,321	48.1
Healthcare setting acquired: patient	84	0.4
Healthcare setting acquired: staff	68	0.3
Community transmission	6,861	32.0
Under investigation	3,261	15.2
Total cases with known most likely transmission source	18,209	84.8
Total	21,470	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 30/07/2021 up to midnight on 12/08/2021

Date	Number of confirmed cases
30/07/2021	1399
31/07/2021	1256
01/08/2021	1101
02/08/2021	997
03/08/2021	1271
04/08/2021	1466
05/08/2021	1743
06/08/2021	1780
07/08/2021	1804
08/08/2021	1491
09/08/2021	1462
10/08/2021	1819
11/08/2021	1903
12/08/2021	1978
Total	21,470

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 (30/07/2021 to 12/08/2021)

