

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

Report prepared by HPSC on 30/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 16/08/2021 up to midnight on 29/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	24,995	
National incidence of confirmed cases per 100,000 population	524.9	
Number of cases in healthcare workers	1006	4.0
Males	12,424	49.7
Females	12,524	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 16/08/2021 up to midnight on 29/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		24,995	100
Sex	Male	12,424	49.7
	Female	12,524	50.1
	Unknown	47	0.2
Age	Median age (years)	26	
	Mean age (years)	31	
	Age range (years)	0-108	
	0-4 yrs	1417	5.7
	5-12 yrs	3058	12.2
	13-18 yrs	3553	14.2
	19-24 yrs	3637	14.6
	25-34 yrs	4076	16.3
	35-44 yrs	3181	12.7
	45-54 yrs	2686	10.7
	55-64 yrs	1696	6.8
	65-74 yrs	935	3.7
	75-84 yrs	465	1.9
	85+ yrs	291	1.2
	Total	24,995	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 16/08/2021 up to midnight on 29/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		24,995	100	
Symptom status at time of test*	Yes	16,970	67.9	79.4
	No	4,409	17.6	20.6
	Unknown	3,616	14.5	
	Total cases where known	21,379		
Healthcare worker	Yes	1,006	4.0	4.6
	No	20,702	82.8	95.4
	Unknown	3287	13.2	
	Total cases where known	21,708		

*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.

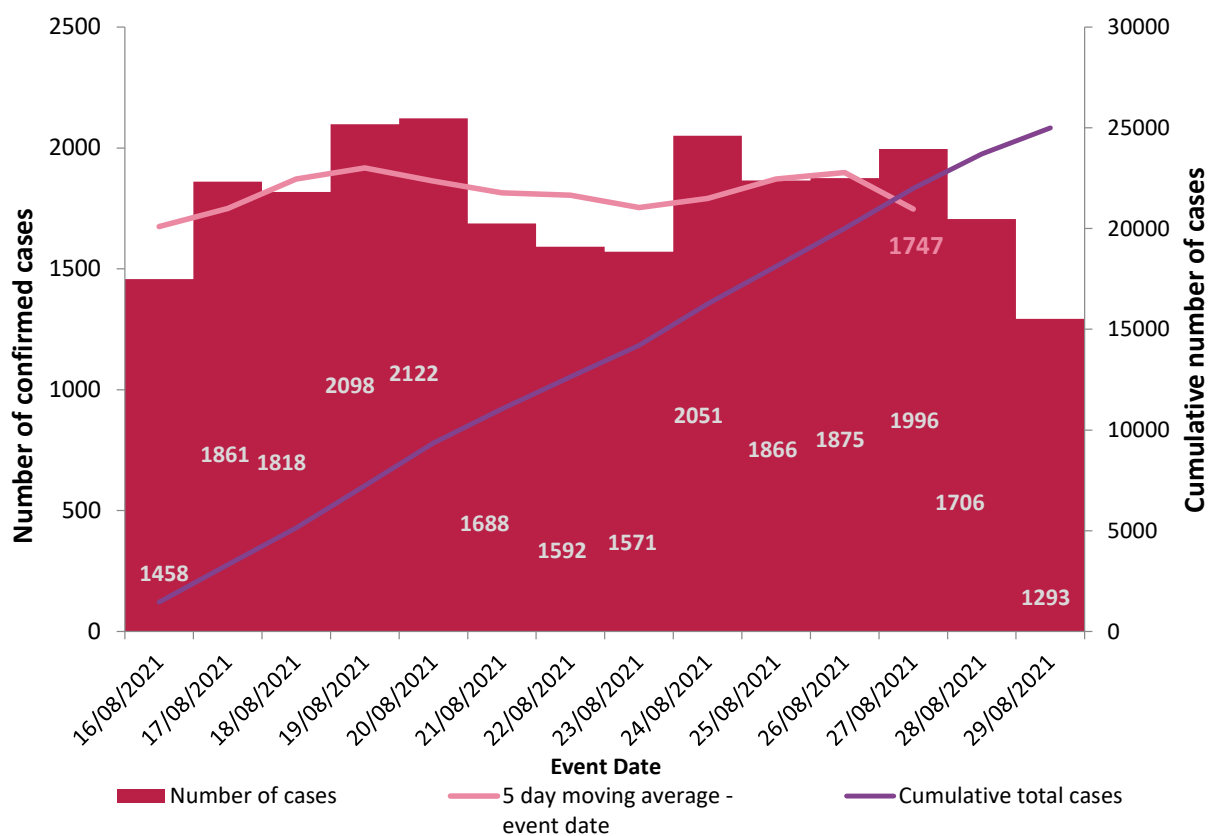


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=24995)

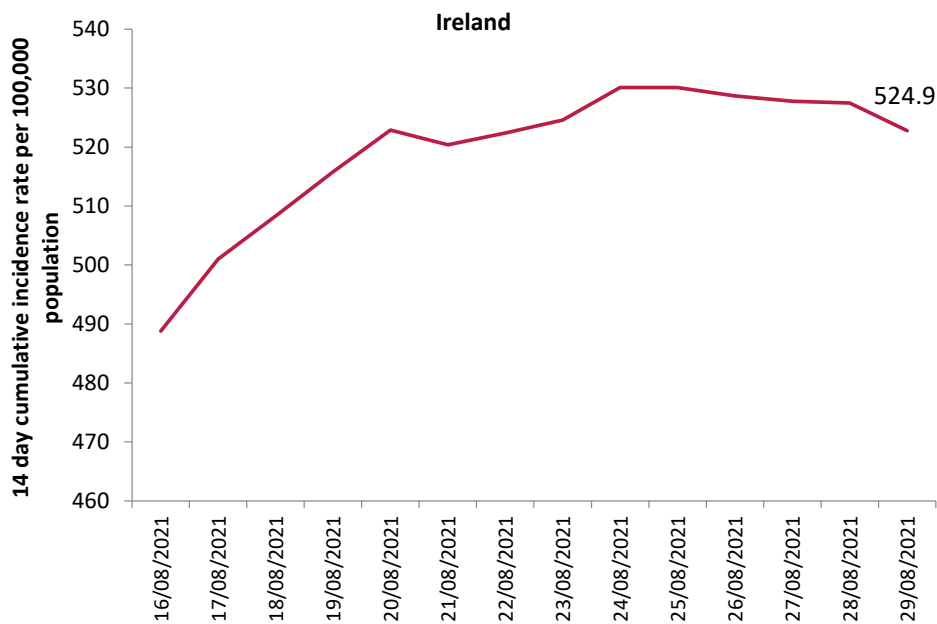


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 16/08/2021 up to midnight on 29/08/2021

*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 16/08/2021 up to midnight on 29/08/2021 7 day numbers are reported from 23/08/2021 up to midnight on 29/08/2021

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 (25/08/2021 - 29/08/2021)
Monaghan	493	803.1	950	1547.6	51.89	72
Donegal	916	575.4	1845	1159.0	49.65	130
Cavan	358	470.0	798	1047.6	44.86	51
Longford	161	393.9	258	631.2	62.40	22
Sligo	228	347.9	391	596.6	58.31	32
Roscommon	216	334.7	432	669.3	50.00	26
Kerry	485	328.4	894	605.3	54.25	67
Louth	387	300.3	721	559.4	53.68	60
Leitrim	93	290.2	158	493.1	58.86	14
Mayo	356	272.8	765	586.2	46.54	45
Offaly	207	265.5	376	482.3	55.05	27
Limerick	513	263.2	1064	545.9	48.21	72
Carlow	147	258.2	275	483.0	53.45	22
Dublin	3394	251.9	6899	512.0	49.20	480
Meath	488	250.2	983	504.0	49.64	71
Westmeath	222	250.1	444	500.2	50.00	25
Galway	639	247.6	1300	503.8	49.15	90
Tipperary	376	235.7	904	566.6	41.59	49
Kilkenny	205	206.6	342	344.6	59.94	33
Wicklow	287	201.5	593	416.4	48.40	41
Cork	1,004	184.9	1989	366.4	50.48	155
Kildare	409	183.8	866	389.2	47.23	58
Wexford	269	179.7	529	353.3	50.85	38
Waterford	202	173.9	501	431.2	40.32	27
Laois	115	135.8	320	377.8	35.94	16
Clare	141	118.7	300	252.5	47.00	20
Unknown	47		98			
Total	12,358	259.5	24,995	524.9	49.44	1747

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 16/08/2021 up to midnight on 29/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	918	3.7
Close contact with a known confirmed case	11,141	44.6
Healthcare setting acquired: patient	129	0.5
Healthcare setting acquired: staff	134	0.5
Community transmission	7,645	30.6
Under investigation	5,028	20.1
Total cases with known most likely transmission source	19,967	79.9
Total	24,995	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 16/08/2021 up to midnight on 29/08/2021

Date	Number of confirmed cases
16/08/2021	1458
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
Total	24,995

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 (16/08/2021 to 29/08/2021)

