

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

Report prepared by HPSC on 27/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 13/08/2021 up to midnight on 26/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	25,271	
National incidence of confirmed cases per 100,000 population	530.7	
Number of cases in healthcare workers	974	3.9
Males	12,589	49.8
Females	12,635	50.0
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 13/08/2021 up to midnight on 26/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		25,271	100
Sex	Male	12,589	49.8
	Female	12,635	50.0
	Unknown	47	0.2
Age	Median age (years)	26	
	Mean age (years)	31	
	Age range (years)	0-108	
	0-4 yrs	1355	5.4
	5-12 yrs	2900	11.5
	13-18 yrs	3910	15.5
	19-24 yrs	3847	15.2
	25-34 yrs	4166	16.5
	35-44 yrs	3103	12.3
	45-54 yrs	2651	10.5
	55-64 yrs	1673	6.6
	65-74 yrs	896	3.5
	75-84 yrs	489	1.9
	85+ yrs	281	1.1
	Total	25,271	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 13/08/2021 up to midnight on 26/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		25,271	100	
Symptom status at time of test*	Yes	16,909	66.9	79.8
	No	4,278	16.9	20.2
	Unknown	4,084	16.2	
	Total cases where known	21,187		
Healthcare worker	Yes	974	3.9	4.5
	No	20,543	81.3	95.5
	Unknown	3754	14.9	
	Total cases where known	21,517		

*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.

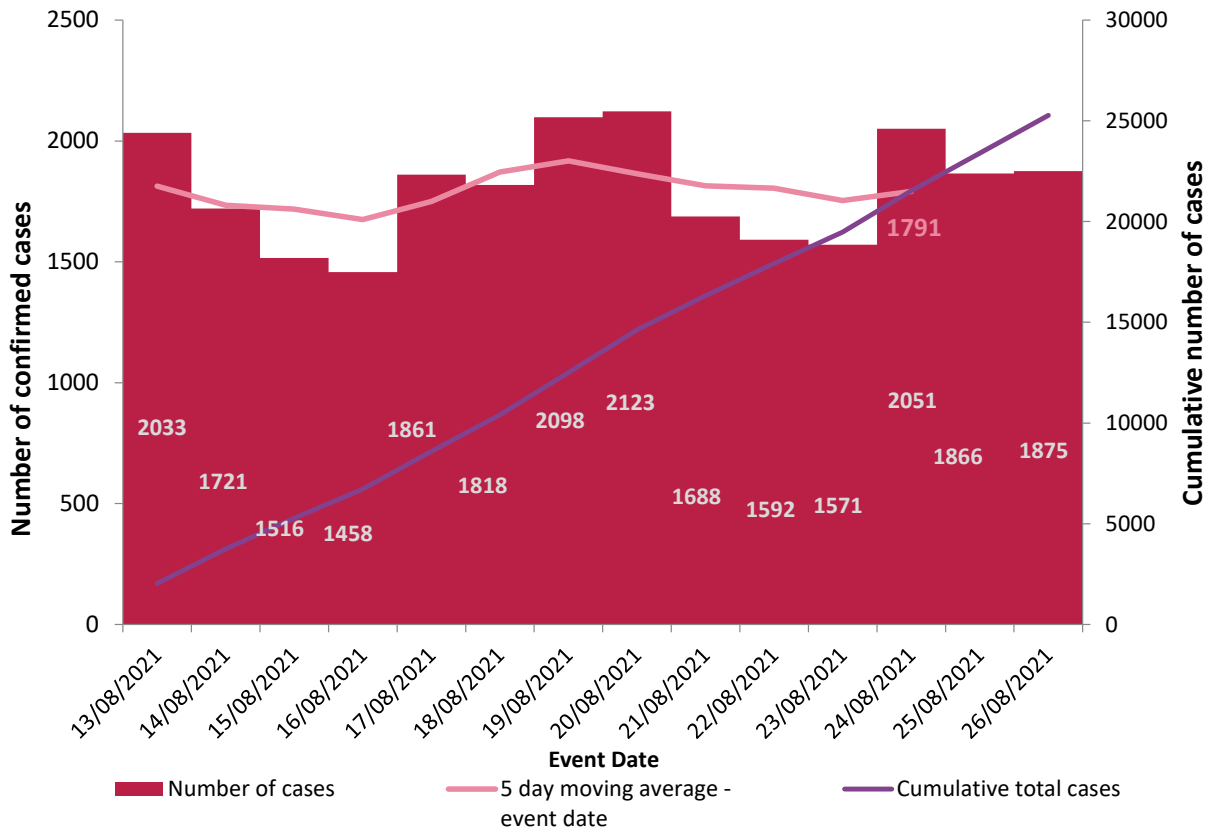


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=25271)

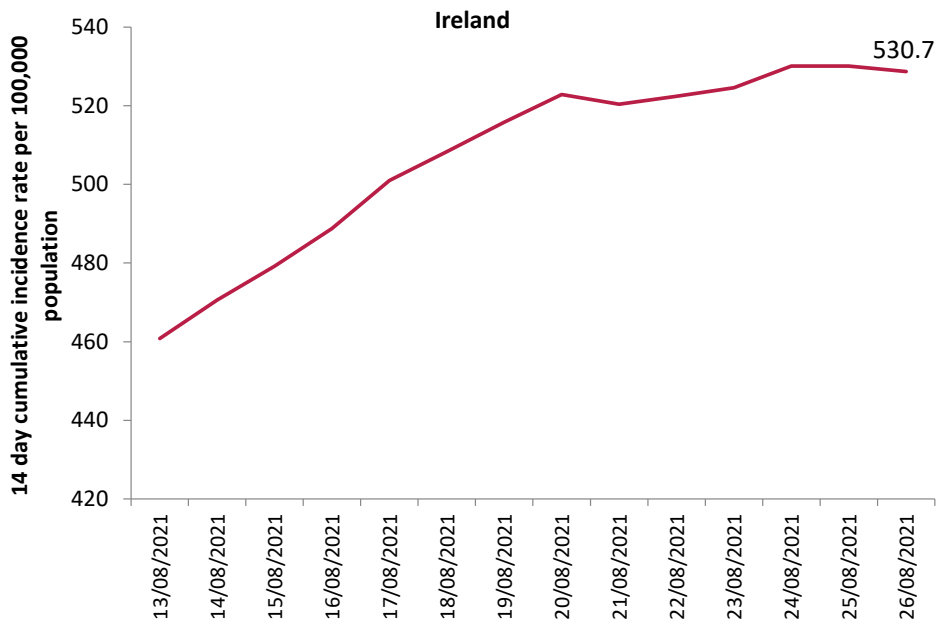


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 13/08/2021 up to midnight on 26/08/2021

*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 13/08/2021 up to midnight on 26/08/2021 7 day numbers are reported from 20/08/2021 up to midnight on 26/08/2021

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 (22/08/2021 - 26/08/2021)
Monaghan	532	866.6	960	1563.9	55.42	72
Donegal	967	607.4	1803	1132.6	53.63	132
Cavan	397	521.2	874	1147.3	45.42	54
Longford	166	406.1	234	572.5	70.94	26
Sligo	228	347.9	391	596.6	58.31	35
Tipperary	542	339.7	923	578.5	58.72	64
Roscommon	216	334.7	468	725.1	46.15	30
Mayo	411	314.9	793	607.6	51.83	59
Leitrim	93	290.2	144	449.4	64.58	13
Kerry	424	287.1	876	593.1	48.40	68
Offaly	221	283.5	376	482.3	58.78	32
Limerick	520	266.8	1095	561.8	47.49	66
Westmeath	236	265.9	500	563.3	47.20	35
Louth	340	263.8	742	575.7	45.82	50
Galway	661	256.1	1385	536.7	47.73	99
Meath	498	255.3	1009	517.3	49.36	72
Dublin	3,371	250.2	6881	510.7	48.99	478
Carlow	141	247.7	274	481.3	51.46	19
Waterford	270	232.4	524	451.0	51.53	36
Wicklow	317	222.6	599	420.6	52.92	47
Kildare	454	204.0	880	395.5	51.59	62
Cork	990	182.4	1966	362.2	50.36	136
Wexford	265	177.0	505	337.3	52.48	37
Laois	148	174.7	339	400.3	43.66	18
Kilkenny	172	173.3	302	304.3	56.95	26
Clare	131	110.3	332	279.4	39.46	19
Unknown	55		96			
Total	12,766	268.1	25,271	530.7	50.52	1791

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 13/08/2021 up to midnight on 26/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	894	3.5
Close contact with a known confirmed case	11,225	44.4
Healthcare setting acquired: patient	118	0.5
Healthcare setting acquired: staff	132	0.5
Community transmission	7,434	29.4
Under investigation	5,468	21.6
Total cases with known most likely transmission source	19,803	78.4
Total	25,271	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 13/08/2021 up to midnight on 26/08/2021

Date	Number of confirmed cases
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
26/08/2021	1875
Total	25,271

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 (13/08/2021 to 26/08/2021)



