

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

Report prepared by HPSC on 16/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 02/08/2021 up to midnight on 15/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	22,989	
National incidence of confirmed cases per 100,000 population	482.8	
Number of cases in healthcare workers	814	3.5
Males	11,760	51.2
Females	11,198	48.7
M:F ratio	1.1	
Median age (years)	24	
Mean age (years)	29	
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 02/08/2021 up to midnight on 15/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		22,989	100
Sex	Male	11,760	51.2
	Female	11,198	48.7
	Unknown	31	0.1
Age	Median age (years)	24	
	Mean age (years)	29	
	Age range (years)	0-100	
	0-4 yrs	1026	4.5
	5-12 yrs	2043	8.9
	13-18 yrs	3972	17.3
	19-24 yrs	4723	20.5
	25-34 yrs	4304	18.7
	35-44 yrs	2630	11.4
	45-54 yrs	1943	8.5
	55-64 yrs	1289	5.6
	65-74 yrs	574	2.5
	75-84 yrs	344	1.5
	85+ yrs	141	0.6
	Total	22,989	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 02/08/2021 up to midnight on 15/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		22,989	100	
Symptom status at time of test*	Yes	16,489	71.7	81.0
	No	3,872	16.8	19.0
	Unknown	2,628	11.4	
	Total cases where known	20,361		
Healthcare worker	Yes	814	3.5	3.9
	No	19,816	86.2	96.1
	Unknown	2359	10.3	
	Total cases where known	20,630		

*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.

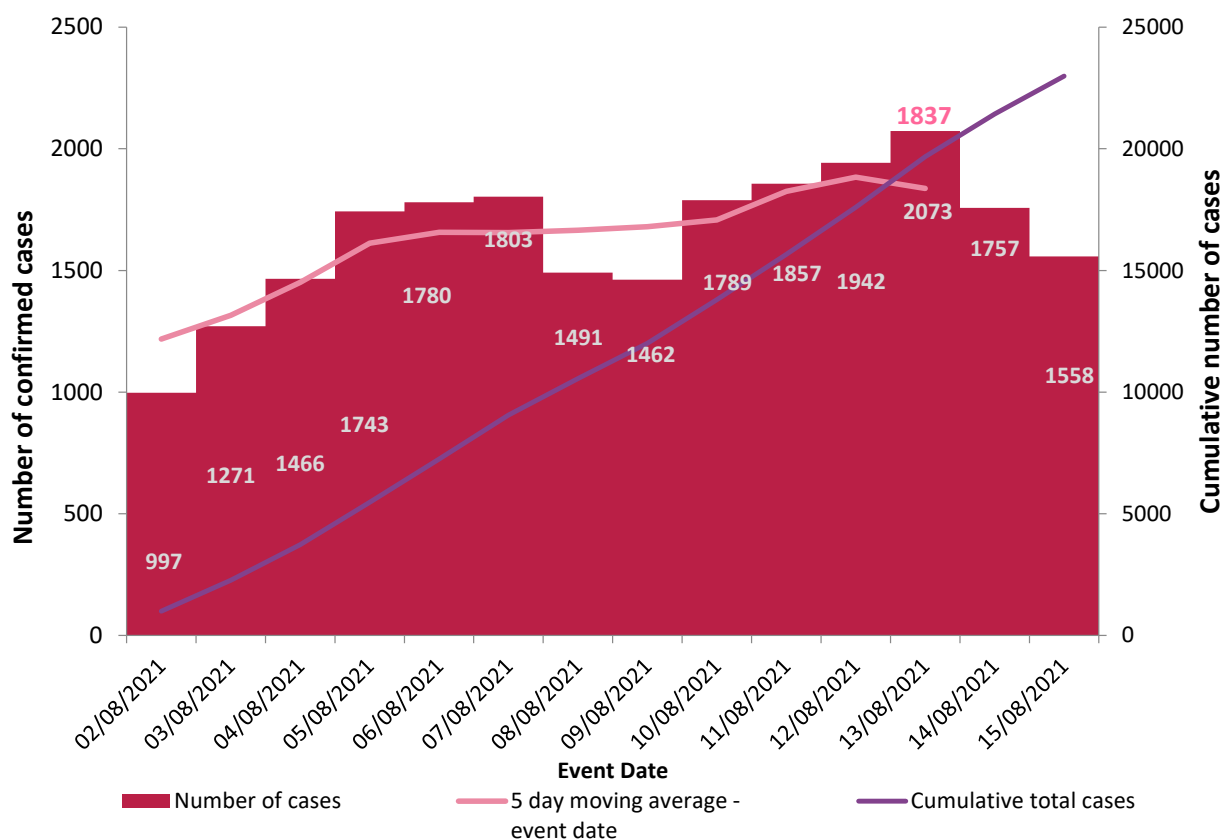


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=22989)

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

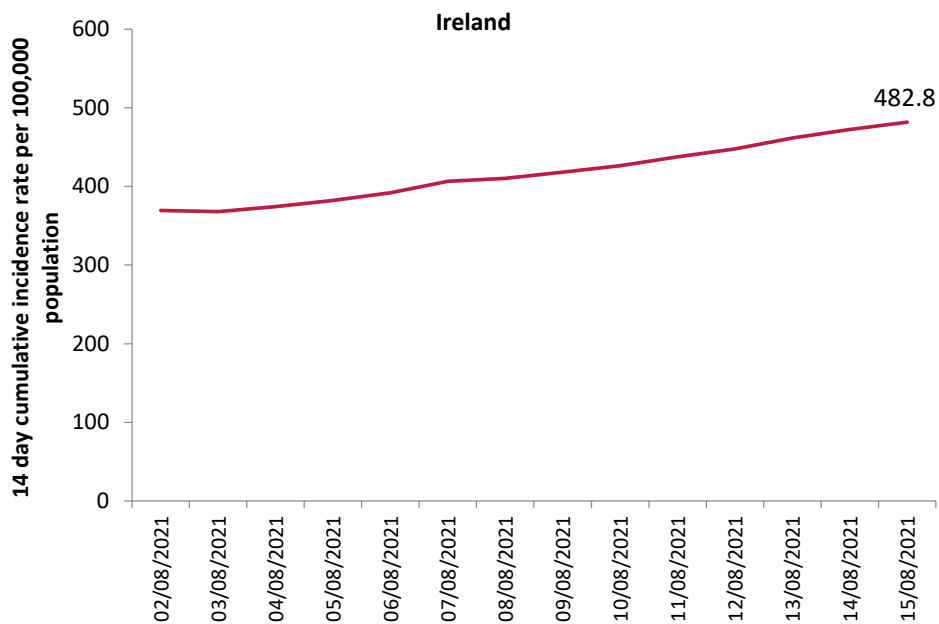


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 02/08/2021 up to midnight on 15/08/2021

*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 02/08/2021 up to midnight on 15/08/2021 7 day numbers are reported from 09/08/2021 up to midnight on 15/08/2021

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 (11/08/2021 - 15/08/2021)
Monaghan	449	731.4	694	1130.6	64.70	70
Cavan	435	571.0	651	854.6	66.82	67
Donegal	867	544.6	1555	976.8	55.76	119
Roscommon	272	421.4	453	701.8	60.04	42
Mayo	440	337.1	893	684.3	49.27	63
Galway	836	324.0	1593	617.3	52.48	120
Louth	403	312.7	768	595.9	52.47	61
Sligo	192	293.0	359	547.8	53.48	28
Westmeath	256	288.4	399	449.5	64.16	41
Limerick	525	269.4	884	453.6	59.39	80
Kerry	394	266.7	690	467.1	57.10	62
Dublin	3465	257.2	6760	501.7	51.26	499
Meath	479	245.6	880	451.2	54.43	75
Carlow	139	244.2	229	402.2	60.70	20
Offaly	176	225.8	318	407.9	55.35	27
Tipperary	322	201.8	535	335.3	60.19	47
Kildare	435	195.5	747	335.7	58.23	65
Wexford	290	193.7	567	378.7	51.15	41
Wicklow	271	190.3	563	395.3	48.13	37
Waterford	218	187.6	359	309.0	60.72	30
Laois	150	177.1	298	351.8	50.34	24
Cork	961	177.0	1876	345.6	51.23	153
Leitrim	52	162.3	119	371.4	43.70	9
Clare	180	151.5	348	292.9	51.72	27
Kilkenny	144	145.1	247	248.9	58.30	19
Longford	58	141.9	154	376.8	37.66	9
Unknown	29		50			
Total	12,438	261.2	22,989	482.8	54.10	1837

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 02/08/2021 up to midnight on 15/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	953	4.1
Close contact with a known confirmed case	10,946	47.6
Healthcare setting acquired: patient	108	0.5
Healthcare setting acquired: staff	78	0.3
Community transmission	7,309	31.8
Under investigation	3,595	15.6
Total cases with known most likely transmission source	19,394	84.4
Total	22,989	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 02/08/2021 up to midnight on 15/08/2021

Date	Number of confirmed cases
02/08/2021	997
03/08/2021	1271
04/08/2021	1466
05/08/2021	1743
06/08/2021	1780
07/08/2021	1803
08/08/2021	1491
09/08/2021	1462
10/08/2021	1789
11/08/2021	1857
12/08/2021	1942
13/08/2021	2073
14/08/2021	1757
15/08/2021	1558
Total	22,989

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 (02/08/2021 to 15/08/2021)

