

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

Report prepared by HPSC on 09/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 26/07/2021 up to midnight on 08/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	19,696	
National incidence of confirmed cases per 100,000 population	413.6	
Number of cases in healthcare workers	601	3.1
Males	10,217	51.9
Females	9,453	48.0
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 26/07/2021 up to midnight on 08/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		19,696	100
Sex	Male	10,217	51.9
	Female	9,453	48.0
	Unknown	26	0.1
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0-100	
	0-4 yrs	903	4.6
	5-12 yrs	1498	7.6
	13-18 yrs	3247	16.5
	19-24 yrs	4662	23.7
	25-34 yrs	4205	21.3
	35-44 yrs	2148	10.9
	45-54 yrs	1396	7.1
	55-64 yrs	969	4.9
	65-74 yrs	393	2.0
	75-84 yrs	202	1.0
	85+ yrs	73	0.4
	Total	19,696	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 26/07/2021 up to midnight on 08/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		19,696	100	
Symptom status at time of test*	Yes	14,016	71.2	80.8
	No	3,324	16.9	19.2
	Unknown	2,356	12.0	
	Total cases where known	17,340		
Healthcare worker				
	Yes	601	3.1	3.4
	No	16,941	86.0	96.6
	Unknown	2154	10.9	
	Total cases where known	17,542		

*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.

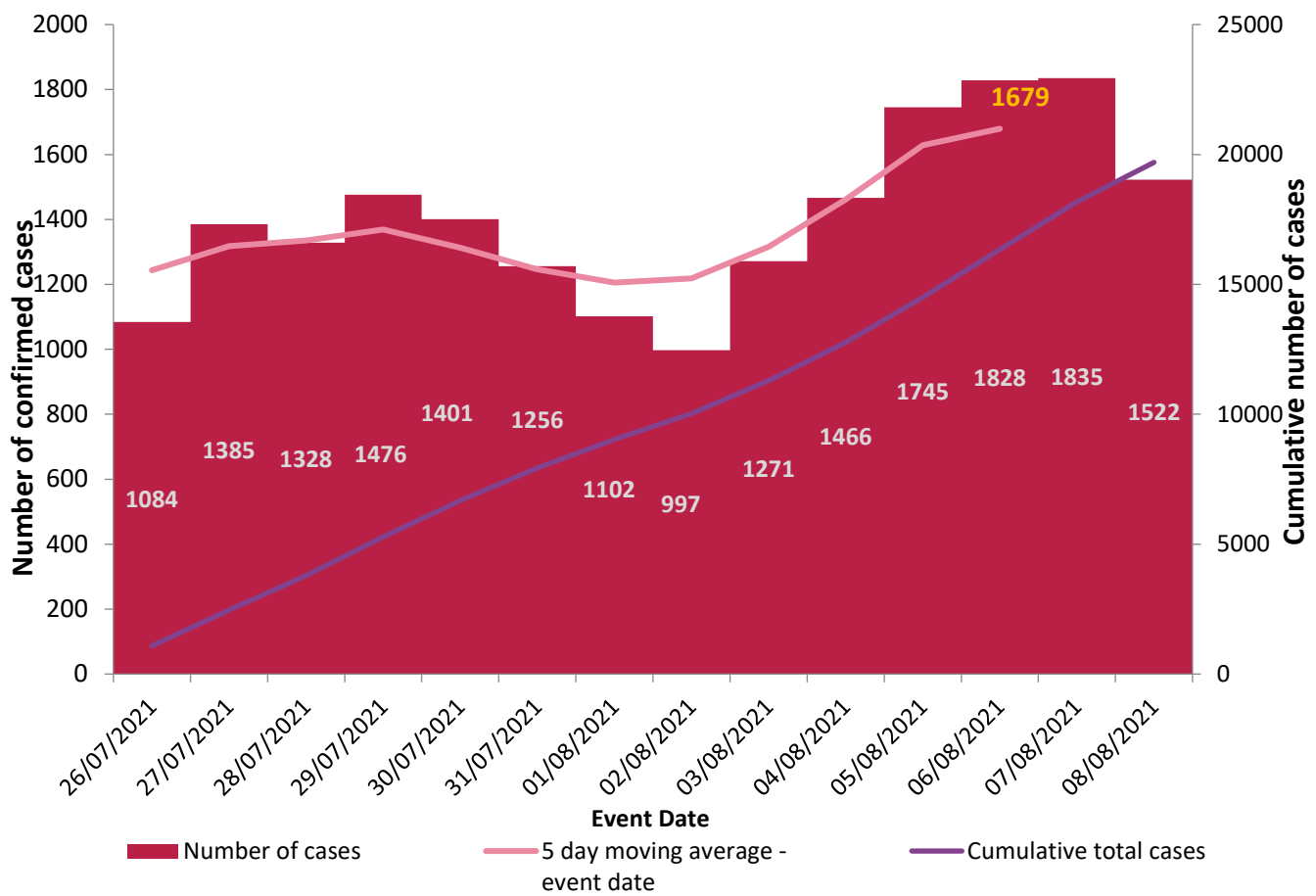


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=19696)

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

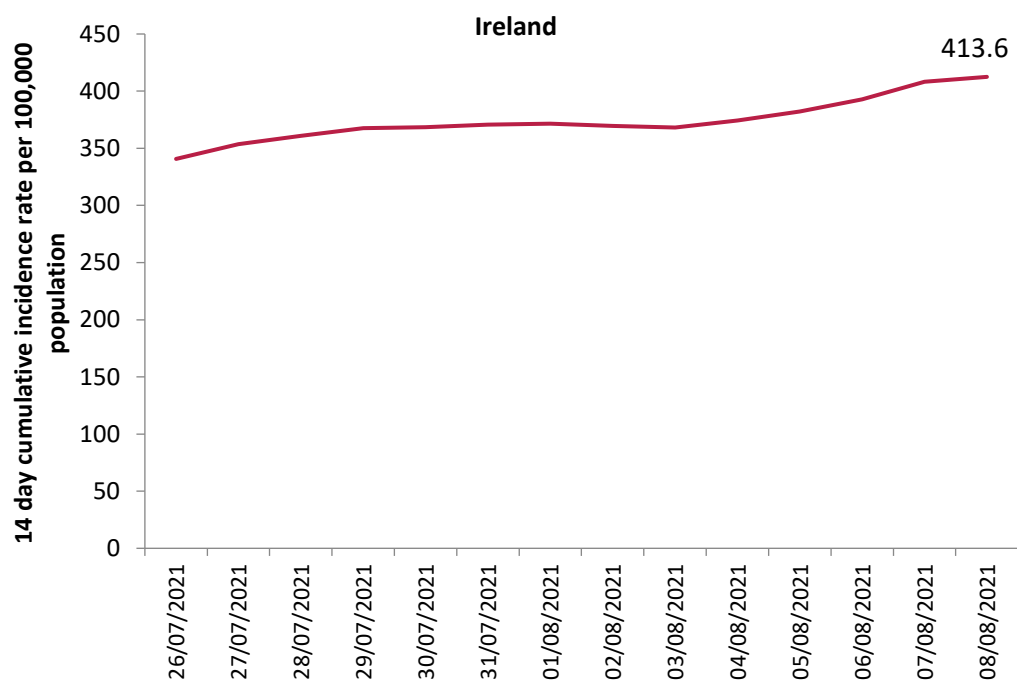


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 26/07/2021 up to midnight on 08/08/2021

*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 26/07/2021 up to midnight on 08/08/2021 7 day numbers are reported from 02/08/2021 up to midnight on 08/08/2021

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 (04/08/2021 - 08/08/2021)
Donegal	691	434.1	1299	816.0	53.19	114
Monaghan	245	399.1	395	643.5	62.03	44
Mayo	461	353.2	842	645.2	54.75	75
Galway	767	297.2	1476	572.0	51.96	120
Cavan	219	287.5	370	485.7	59.19	36
Louth	370	287.1	783	607.5	47.25	58
Roscommon	184	285.1	313	484.9	58.79	32
Sligo	170	259.4	323	492.9	52.63	30
Dublin	3329	247.1	6197	459.9	53.72	517
Longford	97	237.3	156	381.7	62.18	17
Leitrim	67	209.1	132	411.9	50.76	12
Meath	406	208.2	790	405.0	51.39	65
Wicklow	294	206.4	519	364.4	56.65	43
Kerry	301	203.8	608	411.6	49.51	42
Limerick	366	187.8	759	389.4	48.22	55
Wexford	278	185.7	414	276.5	67.15	43
Offaly	143	183.4	223	286.0	64.13	25
Laois	148	174.7	312	368.4	47.44	25
Cork	920	169.5	1576	290.3	58.38	139
Westmeath	145	163.3	266	299.7	54.51	22
Carlow	90	158.1	137	240.6	65.69	14
Clare	169	142.2	290	244.1	58.28	25
Kildare	314	141.1	587	263.8	53.49	49
Tipperary	217	136.0	418	262.0	51.91	35
Waterford	143	123.1	241	207.4	59.34	24
Kilkenny	106	106.8	219	220.7	48.40	15
Unknown/Other*	27		51			
Total	10,664	223.9	19,696	413.6	54.14	1679

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 26/07/2021 up to midnight on 08/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	807	4.1
Close contact with a known confirmed case	9,490	48.2
Healthcare setting acquired: patient	63	0.3
Healthcare setting acquired: staff	55	0.3
Community transmission	6,319	32.1
Under investigation	2,962	15.0
Total cases with known most likely transmission source	16,734	85.0
Total	19,696	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 26/07/2021 up to midnight on 08/08/2021

Date	Number of confirmed cases
26/07/2021	1084
27/07/2021	1385
28/07/2021	1328
29/07/2021	1476
30/07/2021	1401
31/07/2021	1256
01/08/2021	1102
02/08/2021	997
03/08/2021	1271
04/08/2021	1466
05/08/2021	1745
06/08/2021	1828
07/08/2021	1835
08/08/2021	1522
Total	19,696

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 (26/07/2021 to 08/08/2021)



