

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

Report prepared by HPSC on 03/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 20/07/2021 up to midnight on 02/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	17,744	
National incidence of confirmed cases per 100,000 population	372.6	
Number of cases in healthcare workers	484	2.7
Males	9,221	52.0
Females	8,493	47.9
M:F ratio	1.1	
Median age (years)	23	
Mean age (years)	27	
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 20/07/2021 up to midnight on 02/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		17,744	100
Sex	Male	9,221	52.0
	Female	8,493	47.9
	Unknown	30	0.2
Age	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	777	4.4
	5-12 yrs	1237	7.0
	13-18 yrs	2999	16.9
	19-24 yrs	4597	25.9
	25-34 yrs	3811	21.5
	35-44 yrs	1867	10.5
	45-54 yrs	1140	6.4
	55-64 yrs	816	4.6
	65-74 yrs	332	1.9
	75-84 yrs	124	0.7
	85+ yrs	44	0.2
	Total	17,744	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 20/07/2021 up to midnight on 02/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		17,744	100	
Symptom status at time of test*	Yes	12,695	71.5	80.0
	No	3,166	17.8	20.0
	Unknown	1,883	10.6	
	Total cases where known	15,861		
Healthcare worker	Yes	484	2.7	3.0
	No	15,575	87.8	97.0
	Unknown	1685	9.5	
	Total cases where known	16,059		

*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.

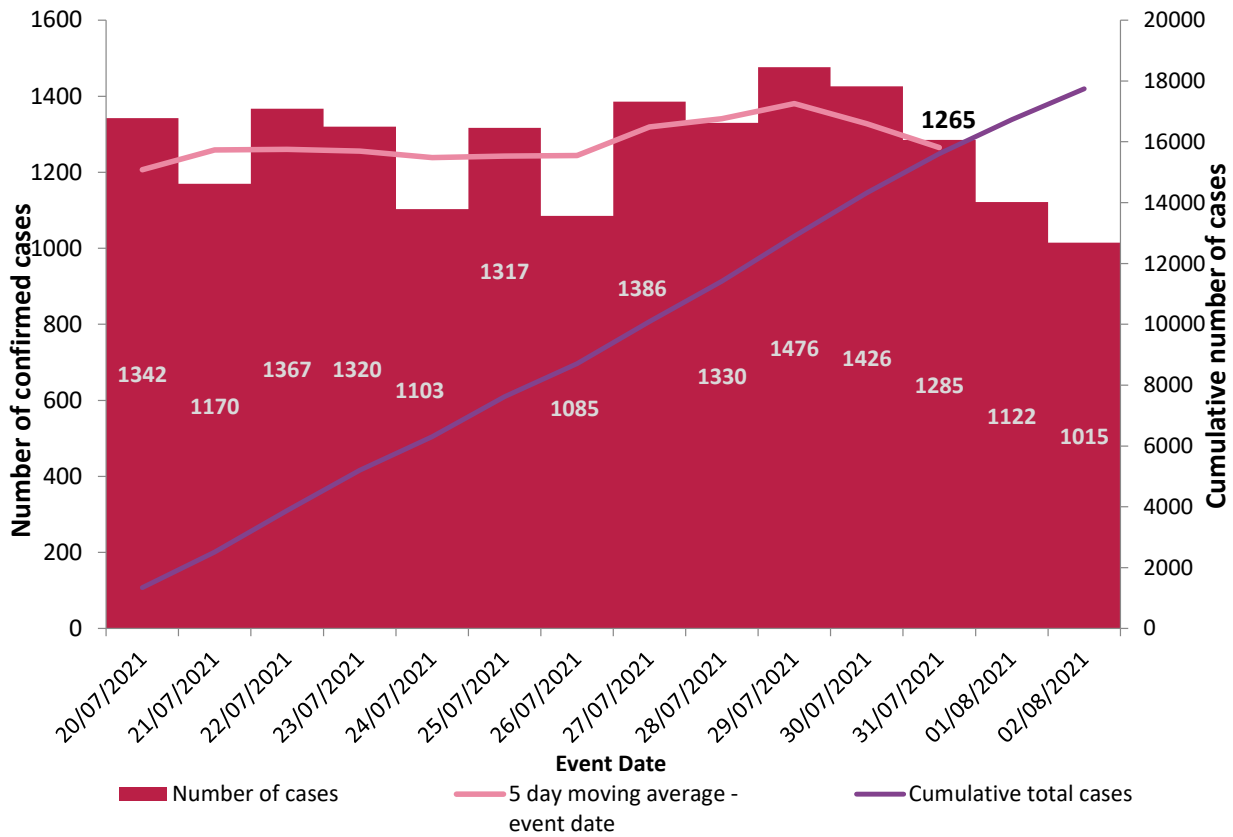


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=17744)

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

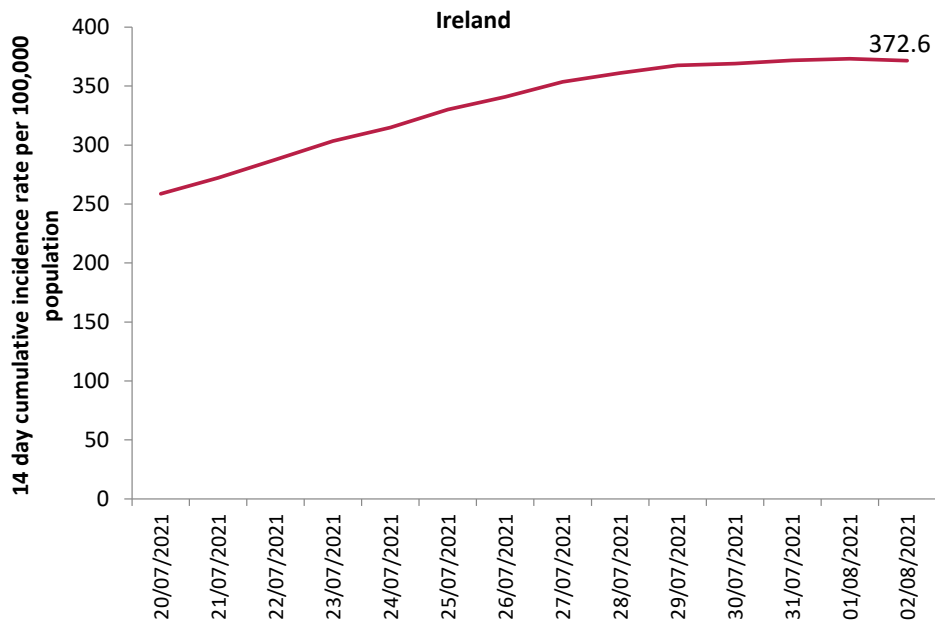


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 20/07/2021 up to midnight on 02/08/2021

*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 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 20/07/2021 up to midnight on 02/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	758	4.3
Close contact with a known confirmed case	8,700	49.0
Healthcare setting acquired: patient	43	0.2
Healthcare setting acquired: staff	40	0.2
Community transmission	5,810	32.7
Under investigation	2,393	13.5
Total cases with known most likely transmission source	15,351	86.5
Total	17,744	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 3: Number of confirmed COVID-19 cases by county in Ireland uploaded to the COVID Care Tracker from 20/07/2021 up to midnight on 02/08/2021 7 day numbers are reported from 27/07/2021 up to midnight on 02/08/2021

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 (29/07/2021 - 02/08/2021)
Donegal	570	358.1	1331	836.1	42.82	83
Louth	414	321.2	786	609.9	52.67	57
Mayo	379	290.4	651	498.8	58.22	56
Galway	724	280.6	1413	547.6	51.24	98
Sligo	147	224.3	294	448.6	50.00	22
Monaghan	135	219.9	303	493.6	44.55	18
Roscommon	138	213.8	251	388.9	54.98	20
Dublin	2,874	213.3	5478	406.6	52.46	400
Kerry	305	206.5	526	356.1	57.98	46
Limerick	384	197.0	696	357.1	55.17	49
Laois	162	191.3	406	479.4	39.90	21
Cavan	145	190.3	248	325.6	58.47	21
Meath	362	185.6	748	383.5	48.40	50
Wicklow	253	177.6	528	370.7	47.92	35
Leitrim	55	171.6	138	430.7	39.86	7
Longford	58	141.9	110	269.1	52.73	7
Westmeath	123	138.6	242	272.6	50.83	17
Cork	705	129.9	1375	253.3	51.27	106
Tipperary	198	124.1	393	246.3	50.38	28
Kildare	265	119.1	585	262.9	45.30	37
Kilkenny	115	115.9	187	188.4	61.50	18
Clare	122	102.7	208	175.1	58.65	17
Wexford	150	100.2	292	195.0	51.37	19
Waterford	111	95.5	227	195.4	48.90	13
Offaly	73	93.6	158	202.7	46.20	10
Carlow	42	73.8	117	205.5	35.90	6
Unknown	31		53			
Total	9,040	189.8	17,744	372.6	50.95	1265

Table 5: Daily number of confirmed COVID-19 cases uploaded to the COVID Care Tracker from 20/07/2021 up to midnight on 02/08/2021

Date	Number of confirmed cases
20/07/2021	1342
21/07/2021	1170
22/07/2021	1367
23/07/2021	1320
24/07/2021	1103
25/07/2021	1317
26/07/2021	1085
27/07/2021	1386
28/07/2021	1330
29/07/2021	1476
30/07/2021	1426
31/07/2021	1285
01/08/2021	1122
02/08/2021	1015
Total	17,744

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 (20/07/2021 to 02/08/2021)

