

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

Report prepared by HPSC on 09/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 25/06/2021 up to midnight on 08/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	6,291	
National incidence of confirmed cases per 100,000 population	132.1	
Number of cases in healthcare workers	167	2.7
Males	3,173	50.4
Females	3,113	49.5
M:F ratio	1.0	
Median age (years)	24	
Mean age (years)	27	
Age range (years)	0-94	

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 25/06/2021 up to midnight on 08/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		6,291	100
Sex	Male	3,173	50.4
	Female	3,113	49.5
	Unknown	5	0.1
Age	Median age (years)	24	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	291	4.6
	5-12 yrs	827	13.1
	13-18 yrs	740	11.8
	19-24 yrs	1391	22.1
	25-34 yrs	1219	19.4
	35-44 yrs	895	14.2
	45-54 yrs	503	8.0
	55-64 yrs	275	4.4
	65-74 yrs	109	1.7
	75-84 yrs	31	0.5
	85+ yrs	10	0.2
	Total	6,291	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 25/06/2021 up to midnight on 08/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		6,291	100	
Symptom status at time of test*	Yes	4,292	68.2	78.3
	No	1,189	18.9	21.7
	Unknown	810	12.9	
	Total cases where known	5,481		
Healthcare worker	Yes	167	2.7	3.0
	No	5,405	85.9	97.0
	Unknown	719	11.4	
	Total cases where known	5,572		

*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.

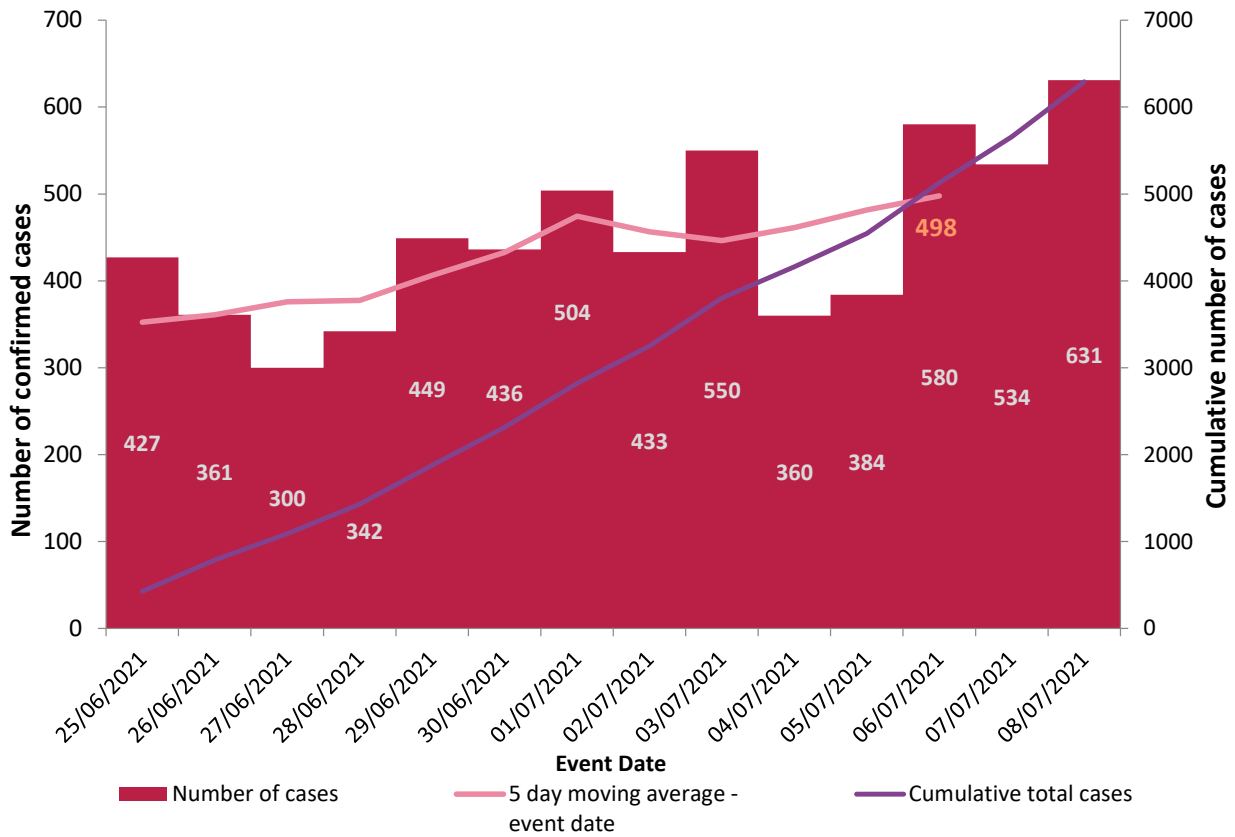


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=6291)

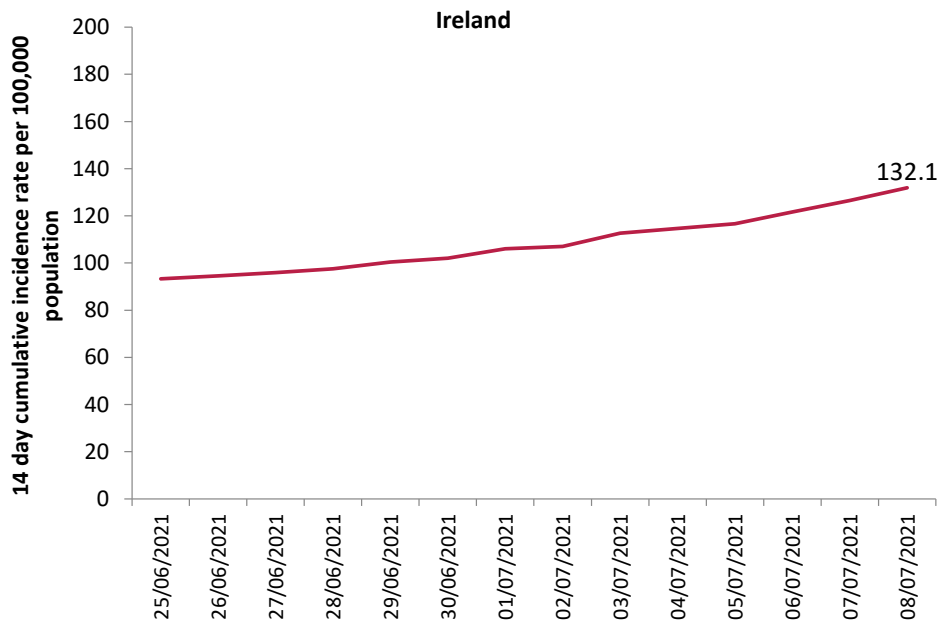


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 25/06/2021 up to midnight on 08/07/2021

*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 25/06/2021 up to midnight on 08/07/2021

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	5 day moving average of confirmed cases (04/07/2021 - 08/07/2021)
Donegal	368	231.2	645	405.2	48
Sligo	85	129.7	137	209.0	13
Waterford	55	47.3	222	191.1	7
Limerick	212	108.8	366	187.8	34
Dublin	1,330	98.7	2481	184.1	189
Roscommon	58	89.9	118	182.8	7
Meath	161	82.5	294	150.7	23
Louth	121	93.9	173	134.2	17
Westmeath	50	56.3	119	134.1	8
Offaly	47	60.3	84	107.7	7
Kildare	134	60.2	225	101.1	21
Laois	42	49.6	82	96.8	4
Mayo	97	74.3	124	95.0	13
Clare	38	32.0	109	91.7	6
Galway	113	43.8	218	84.5	20
Cavan	39	51.2	64	84.0	5
Kerry	93	63.0	122	82.6	14
Wicklow	72	50.6	111	77.9	9
Monaghan	28	45.6	47	76.6	5
Wexford	81	54.1	113	75.5	11
Longford	12	29.4	27	66.1	2
Kilkenny	39	39.3	63	63.5	6
Leitrim	8	25.0	15	46.8	1
Tipperary	37	23.2	74	46.4	4
Cork	133	24.5	231	42.6	20
Carlow	12	21.1	17	29.9	1
Unknown	7		10		
Total	3,472	72.9	6,291	132.1	498

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 25/06/2021 up to midnight on 08/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	436	6.9
Close contact with a known confirmed case	3,629	57.7
Healthcare setting acquired: patient	14	0.2
Healthcare setting acquired: staff	10	0.2
Community transmission	1,418	22.5
Under investigation	784	12.5
Total cases with known most likely transmission source	5,507	87.5
Total	6,291	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 25/06/2021 up to midnight on 08/07/2021

Date	Number of confirmed cases
25/06/2021	427
26/06/2021	361
27/06/2021	300
28/06/2021	342
29/06/2021	449
30/06/2021	436
01/07/2021	504
02/07/2021	433
03/07/2021	550
04/07/2021	360
05/07/2021	384
06/07/2021	580
07/07/2021	534
08/07/2021	631
Total	6,291

Acknowledgements

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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 (25/06/2021 to 08/07/2021)

