

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

Report prepared by HPSC on 24/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 10/06/2021 up to midnight on 23/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,412	
National incidence of confirmed cases per 100,000 population	92.7	
Number of cases in healthcare workers	100	2.3
Males	2,285	51.8
Females	2,118	48.0
M:F ratio	1.1	
Median age (years)	25	
Mean age (years)	28	
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 10/06/2021 up to midnight on 23/06/2021

Characteristic	Number of cases	Percent
Total number of confirmed cases	4,412	100
Sex		
Male	2,285	51.8
Female	2,118	48.0
Unknown	9	0.2
Age		
Median age (years)	25	
Mean age (years)	28	
Age range (years)	0 - 94	
0-4 yrs	255	5.8
5-12 yrs	496	11.2
13-18 yrs	370	8.4
19-24 yrs	1017	23.1
25-34 yrs	840	19.0
35-44 yrs	752	17.0
45-54 yrs	394	8.9
55-64 yrs	187	4.2
65-74 yrs	71	1.6
75-84 yrs	23	0.5
85+ yrs	7	0.2
Total	4,412	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 10/06/2021 up to midnight on 23/06/2021

Characteristic	Number of cases	Percent	Percent where known
Total number of confirmed cases	4,412	100	
Symptom status at time of test*			
Yes	2,737	62.0	70.6
No	1,139	25.8	29.4
Unknown	536	12.1	
Total cases where known	3,876		
Healthcare worker			
Yes	100	2.3	2.5
No	3,955	89.6	97.5
Unknown	357	8.1	
Total cases where known	4,055		

*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.

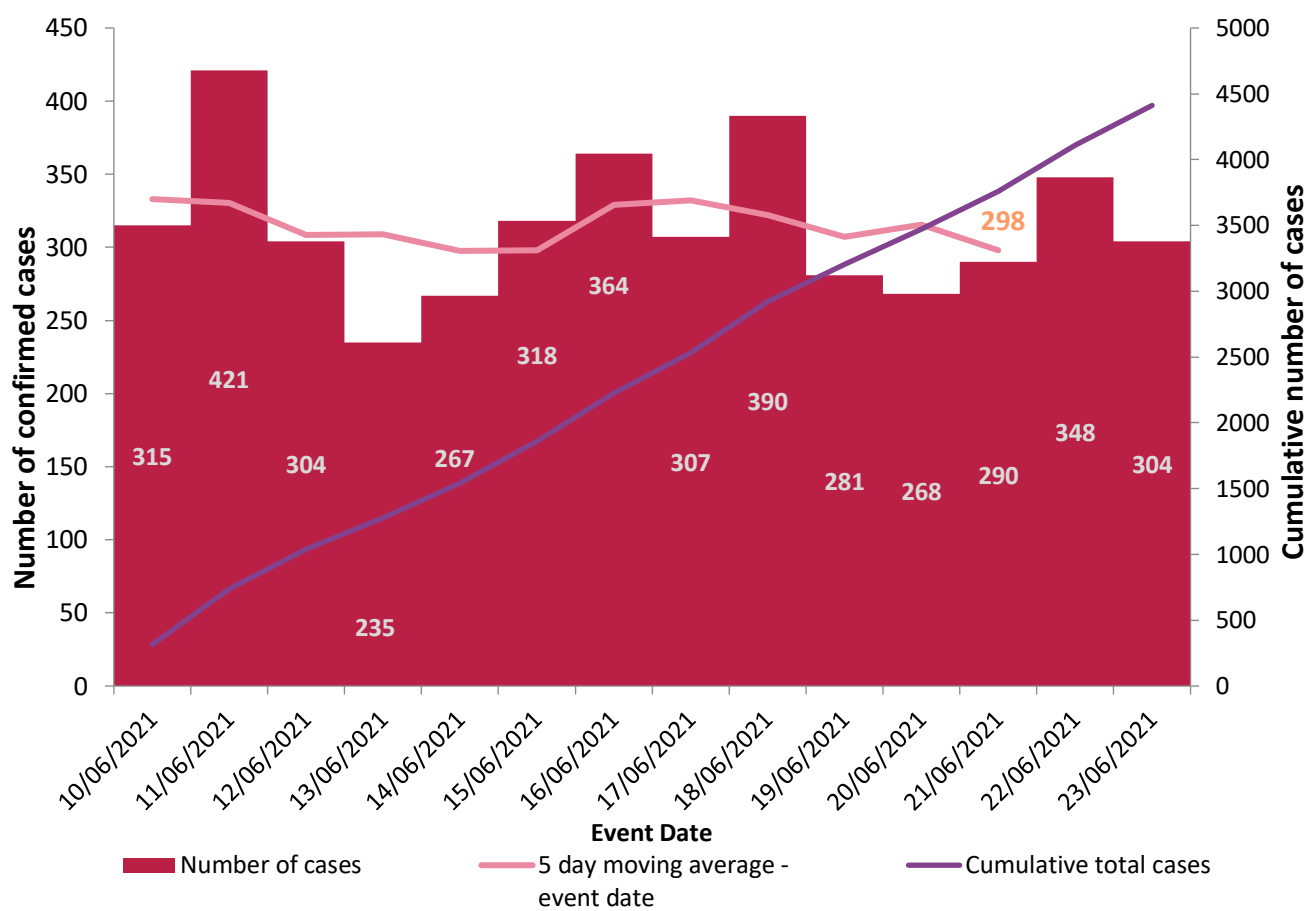


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4412)

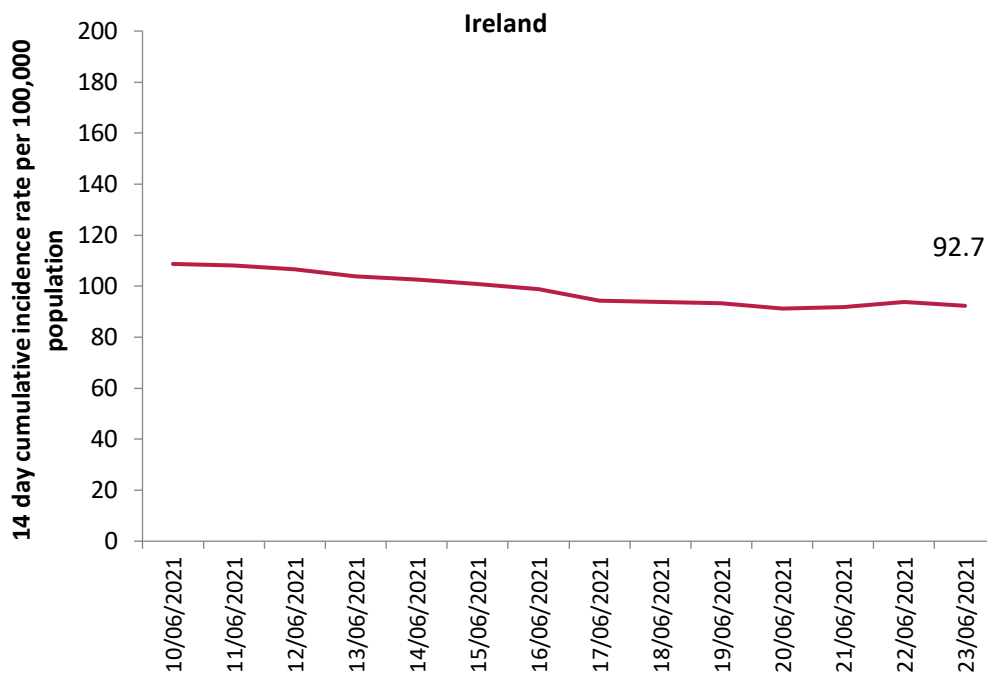


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 10/06/2021 up to midnight on 23/06/2021

*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 10/06/2021 up to midnight on 23/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (19/06/2021 - 23/06/2021)
Limerick	454	232.9	20
Donegal	310	194.7	22
Roscommon	79	122.4	6
Westmeath	104	117.2	6
Dublin	1,500	111.3	112
Galway	262	101.5	17
Carlow	57	100.1	3
Offaly	76	97.5	6
Louth	116	90.0	9
Waterford	104	89.5	13
Clare	104	87.5	8
Sligo	54	82.4	9
Kildare	175	78.7	12
Meath	145	74.3	8
Cork	380	70.0	18
Tipperary	108	67.7	7
Cavan	48	63.0	3
Laois	50	59.0	4
Leitrim	16	49.9	1
Longford	18	44.0	1
Kilkenny	40	40.3	2
Wicklow	52	36.5	3
Monaghan	22	35.8	1
Kerry	49	33.2	4
Wexford	44	29.4	2
Mayo	31	23.8	1
Unknown	14		
Total	4,412	92.7	298

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 10/06/2021 up to midnight on 23/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	222	5.0
Close contact with a known confirmed case	2,717	61.6
Healthcare setting acquired: patient	4	0.1
Healthcare setting acquired: staff	11	0.2
Community transmission	1,062	24.1
Under investigation	396	9.0
Total cases with known most likely transmission source	4,016	91.0
Total	4,412	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 10/06/2021 up to midnight on 23/06/2021

Date	Number of confirmed cases
10/06/2021	315
11/06/2021	421
12/06/2021	304
13/06/2021	235
14/06/2021	267
15/06/2021	318
16/06/2021	364
17/06/2021	307
18/06/2021	390
19/06/2021	281
20/06/2021	268
21/06/2021	290
22/06/2021	348
23/06/2021	304
Total	4,412

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 (10/06/2021 to 23/06/2021)

