

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

Report prepared by HPSC on 30/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 16/06/2021 up to midnight on 29/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,800	
National incidence of confirmed cases per 100,000 population	100.8	
Number of cases in healthcare workers	104	2.2
Males	2,448	51.0
Females	2,347	48.9
M:F ratio	1.0	
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 16/06/2021 up to midnight on 29/06/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		4,800	100
Sex	Male	2,448	51.0
	Female	2,347	48.9
	Unknown	5	0.1
Age	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0-94	
	0-4 yrs	244	5.1
	5-12 yrs	622	13.0
	13-18 yrs	434	9.0
	19-24 yrs	1010	21.0
	25-34 yrs	885	18.4
	35-44 yrs	798	16.6
	45-54 yrs	448	9.3
	55-64 yrs	234	4.9
	65-74 yrs	96	2.0
	75-84 yrs	23	0.5
	85+ yrs	6	0.1
	Total	4,800	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 16/06/2021 up to midnight on 29/06/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		4,800	100	
Symptom status at time of test*	Yes	3,022	63.0	74.2
	No	1,050	21.9	25.8
	Unknown	728	15.2	
	Total cases where known	4,072		
Healthcare worker	Yes	104	2.2	2.4
	No	4,147	86.4	97.6
	Unknown	549	11.4	
	Total cases where known	4,251		

*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.

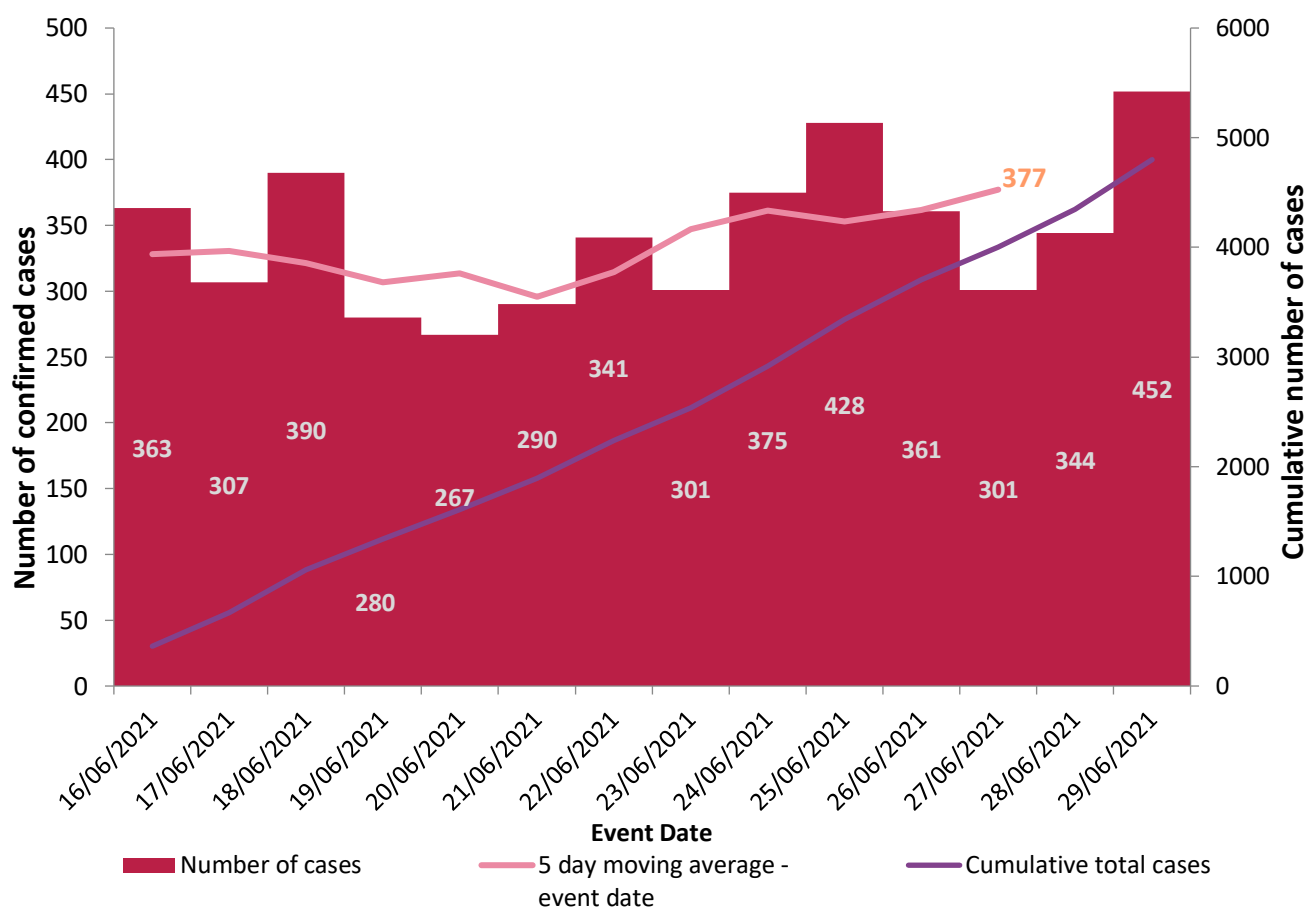


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=4800)

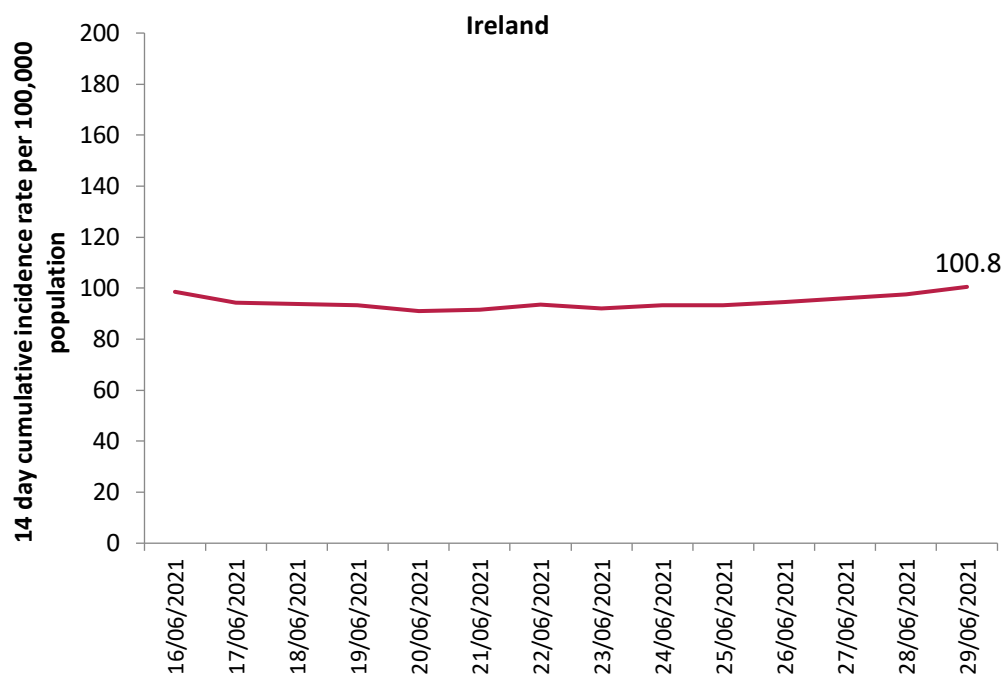


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 16/06/2021 up to midnight on 29/06/2021

*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 16/06/2021 up to midnight on 29/06/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (25/06/2021 - 29/06/2021)
Donegal	398	250.0	36
Waterford	237	204.0	27
Limerick	347	178.0	25
Sligo	105	160.2	9
Roscommon	100	154.9	8
Dublin	1,816	134.8	152
Westmeath	107	120.5	10
Offaly	91	116.7	6
Louth	135	104.7	6
Meath	192	98.4	18
Clare	116	97.6	10
Galway	231	89.5	15
Laois	62	73.2	5
Kildare	161	72.4	10
Cavan	48	63.0	3
Tipperary	87	54.5	4
Carlow	31	54.5	0
Longford	21	51.4	2
Monaghan	27	44.0	2
Leitrim	14	43.7	1
Cork	234	43.1	11
Wicklow	58	40.7	4
Kerry	56	37.9	3
Kilkenny	35	35.3	2
Mayo	38	29.1	4
Wexford	40	26.7	3
Unknown	13		
Total	4,800	100.8	377

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 16/06/2021 up to midnight on 29/06/2021

Most likely transmission source	Number of cases	Percent
Travel related	241	5.0
Close contact with a known confirmed case	2,859	59.6
Healthcare setting acquired: patient	5	0.1
Healthcare setting acquired: staff	5	0.1
Community transmission	1,090	22.7
Under investigation	600	12.5
Total cases with known most likely transmission source	4,200	87.5
Total	4,800	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 16/06/2021 up to midnight on 29/06/2021

Date	Number of confirmed cases
16/06/2021	363
17/06/2021	307
18/06/2021	390
19/06/2021	280
20/06/2021	267
21/06/2021	290
22/06/2021	341
23/06/2021	301
24/06/2021	375
25/06/2021	428
26/06/2021	361
27/06/2021	301
28/06/2021	344
29/06/2021	452
Total	4,800

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 (16/06/2021 to 29/06/2021)

