

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

Report prepared by HPSC on 09/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from (26/05/2021 up to midnight on 08/06/2021)

	Number	Percent
Total number of confirmed cases on COVID CCT	5,404	
National incidence of confirmed cases per 100,000 population	113.5	
Number of cases in healthcare workers	138	2.6
Males	2,739	50.7
Females	2,653	49.1
M:F ratio	1.0	
Median age (years)	25	
Mean age (years)	28	
Age range (years)	0 - 96	

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 (26/05/2021 up to midnight on 08/06/2021)

Characteristic		Number of cases	Percent
Total number of confirmed cases		5,404	100
Sex	Male	2,739	50.7
	Female	2,653	49.1
	Unknown	12	0.2
Age	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0 - 96	
	0-4 yrs	323	6.0
	5-12 yrs	881	16.3
	13-18 yrs	549	10.2
	19-24 yrs	949	17.6
	25-34 yrs	786	14.5
	35-44 yrs	937	17.3
	45-54 yrs	614	11.4
	55-64 yrs	265	4.9
	65-74 yrs	69	1.3
	75-84 yrs	18	0.3
	85+ yrs	13	0.2
	Total	5,404	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from (26/05/2021 up to midnight on 08/06/2021)

Characteristic		Number of cases	Percent	Percent where known
Total number of cases		5,404	100	
Symptom status at time of test*	Yes	3,279	60.7	67.1
	No	1,608	29.8	32.9
	Unknown	517	9.6	
	Total cases where known	4,887		
Healthcare worker	Yes	138	2.6	2.7
	No	4,987	92.3	97.3
	Unknown	279	5.2	
	Total cases where known	5,125		

*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.

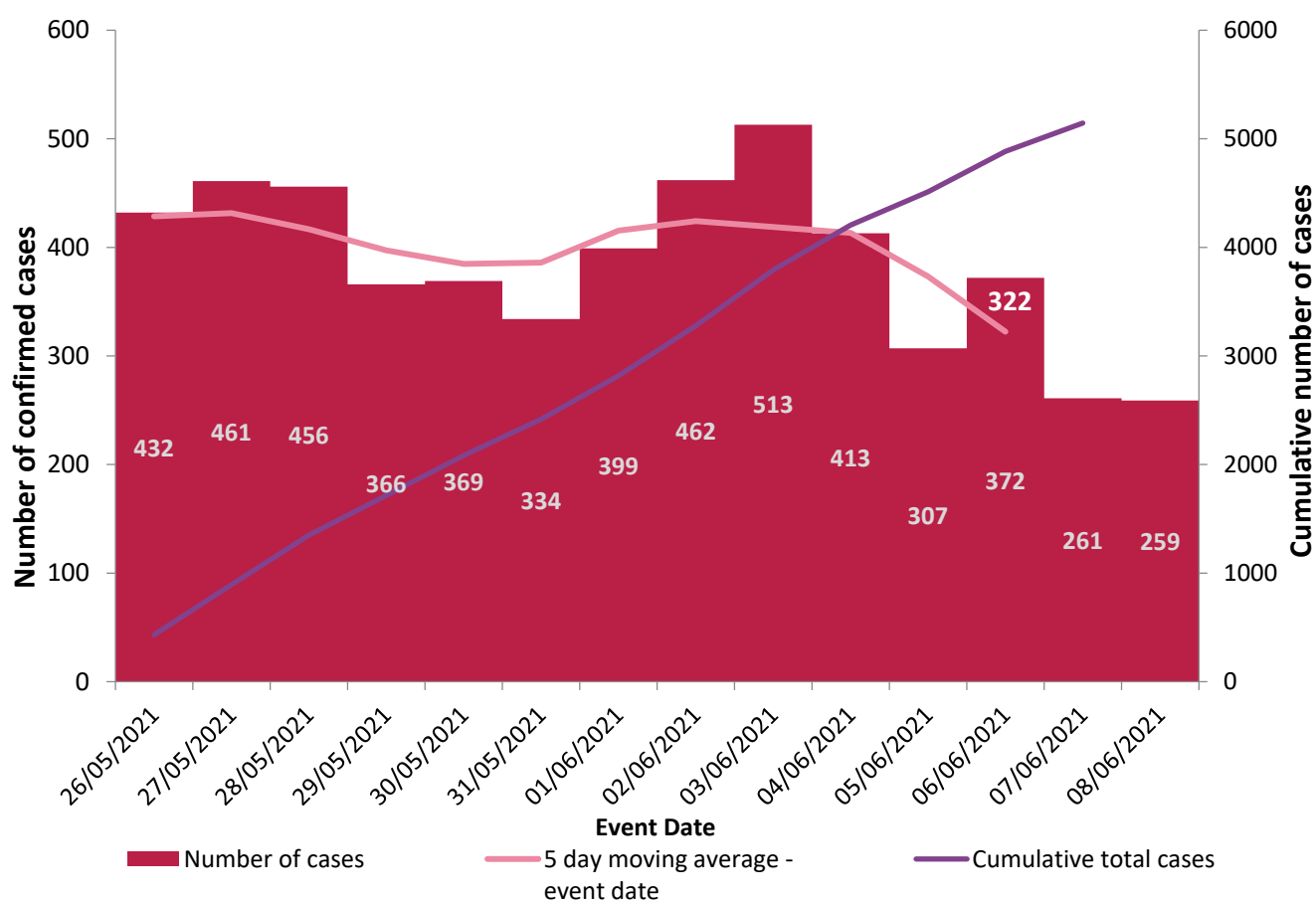


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=5404)

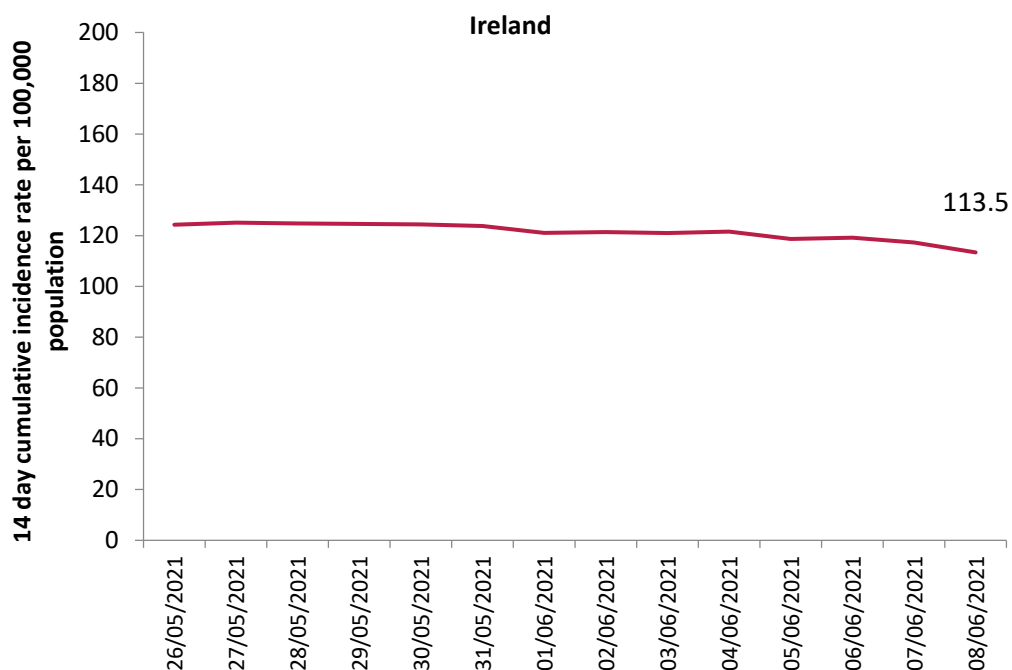


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from (26/05/2021 up to midnight on 08/06/2021)

*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 (26/05/2021 up to midnight on 08/06/2021)

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (04/06/2021 - 08/06/2021)
Limerick	861	441.8	50
Donegal	271	170.2	21
Westmeath	125	140.8	8
Carlow	78	137.0	7
Dublin	1,784	132.4	96
Wexford	180	120.2	13
Cavan	87	114.2	5
Waterford	127	109.3	11
Louth	133	103.2	9
Laois	87	102.7	5
Offaly	76	97.5	3
Kildare	212	95.3	7
Cork	491	90.4	31
Mayo	118	90.4	6
Tipperary	130	81.5	11
Roscommon	50	77.5	3
Clare	91	76.6	5
Wicklow	107	75.1	7
Meath	132	67.7	6
Galway	128	49.6	8
Longford	18	44.0	0
Kerry	61	41.3	7
Kilkenny	26	26.2	2
Monaghan	14	22.8	1
Leitrim	6	18.7	0
Sligo	6	9.2	0
Unknown/Other	5		
Total	5,404	113.5	322

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from (26/05/2021 up to midnight on 08/06/2021)

Most likely transmission source	Number of cases	Percent
Travel related	179	3.3
Close contact with a known confirmed case	3796	70.2
Healthcare setting acquired: patient	9	0.2
Healthcare setting acquired: staff	8	0.1
Community transmission	1083	20.0
Under investigation	329	6.1
Total cases with known most likely transmission source	5,075	93.9
Total	5,404	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 (26/05/2021 up to midnight on 08/06/2021)

Date	Number of confirmed cases
26/05/2021	432
27/05/2021	461
28/05/2021	456
29/05/2021	366
30/05/2021	369
31/05/2021	334
01/06/2021	399
02/06/2021	462
03/06/2021	513
04/06/2021	413
05/06/2021	307
06/06/2021	372
07/06/2021	261
08/06/2021	259
Total	5,404

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 (26/05/2021 to 08/06/2021)

