

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

Report prepared by HPSC on 16/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 02/07/2021 up to midnight on 15/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	8,695	
National incidence of confirmed cases per 100,000 population	182.6	
Number of cases in healthcare workers	217	2.5
Males	4,470	51.4
Females	4,222	48.6
M:F ratio	1.1	
Median age (years)	23	
Mean age (years)	27	
Age range (years)	0-97	

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 02/07/2021 up to midnight on 15/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		8,695	100
Sex	Male	4,470	51.4
	Female	4,222	48.6
	Unknown	3	0.0
Age	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	405	4.7
	5-12 yrs	734	8.4
	13-18 yrs	1370	15.8
	19-24 yrs	2191	25.2
	25-34 yrs	1791	20.6
	35-44 yrs	1097	12.6
	45-54 yrs	537	6.2
	55-64 yrs	336	3.9
	65-74 yrs	169	1.9
	75-84 yrs	49	0.6
	85+ yrs	16	0.2
	Total	8,695	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 02/07/2021 up to midnight on 15/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		8,695	100	
Symptom status at time of test*	Yes	5,999	69.0	80.7
	No	1,434	16.5	19.3
	Unknown	1,262	14.5	
	Total cases where known	7,433		
Healthcare worker	Yes	217	2.5	2.9
	No	7,286	83.8	97.1
	Unknown	1192	13.7	
	Total cases where known	7,503		

*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.

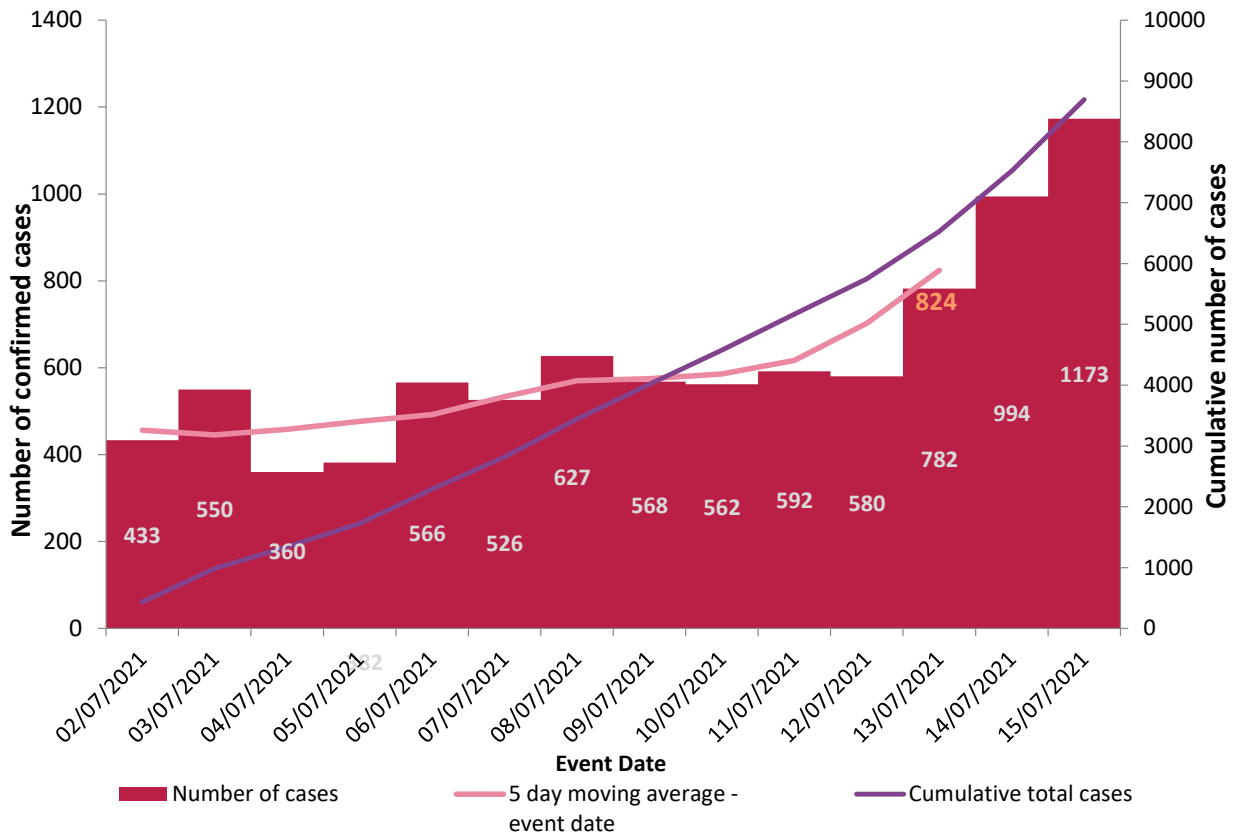


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=8695)

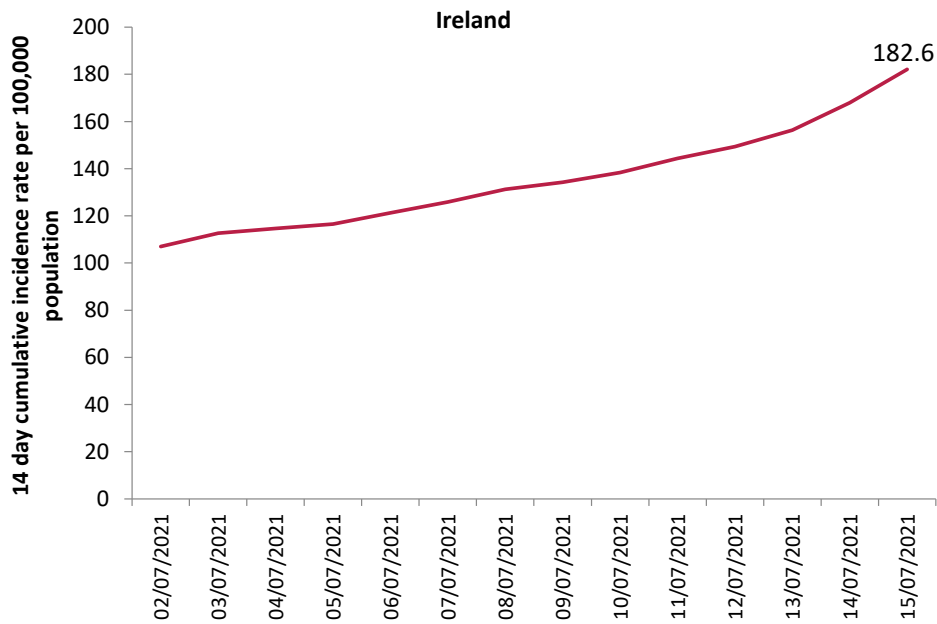


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 02/07/2021 up to midnight on 15/07/2021

*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 02/07/2021 up to midnight on 15/07/2021 7 day numbers are reported from 09/07/2021 up to midnight on 15/07/2021

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	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (11/07/2021 - 15/07/2021)
Donegal	513	322.3	876	550.3	58.56	82
Louth	318	246.7	441	342.2	72.11	55
Dublin	1,899	140.9	3219	238.9	58.99	295
Carlow	74	130.0	86	151.1	86.05	12
Meath	239	122.5	397	203.5	60.20	39
Roscommon	78	120.8	134	207.6	58.21	11
Limerick	231	118.5	430	220.6	53.72	32
Kildare	243	109.2	374	168.1	64.97	36
Sligo	69	105.3	161	245.7	42.86	10
Leitrim	33	103.0	41	127.9	80.49	5
Galway	259	100.4	367	142.2	70.57	43
Laois	75	88.6	118	139.3	63.56	12
Kerry	129	87.3	214	144.9	60.28	20
Monaghan	52	84.7	80	130.3	65.00	9
Wicklow	119	83.6	191	134.1	62.30	19
Mayo	109	83.5	205	157.1	53.17	15
Cavan	60	78.8	99	130.0	60.61	10
Westmeath	69	77.7	121	136.3	57.02	11
Offaly	52	66.7	99	127.0	52.53	9
Clare	73	61.4	121	101.8	60.33	11
Cork	323	59.5	456	84.0	70.83	52
Wexford	65	43.4	146	97.5	44.52	11
Waterford	46	39.6	97	83.5	47.42	7
Longford	15	36.7	27	66.1	55.56	3
Kilkenny	36	36.3	78	78.6	46.15	6
Tipperary	55	34.5	93	58.3	59.14	8
Unknown	17		24			
Total	5,251	110.3	8,695	182.6		824

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 02/07/2021 up to midnight on 15/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	675	7.8
Close contact with a known confirmed case	4,581	52.7
Healthcare setting acquired: patient	29	0.3
Healthcare setting acquired: staff	13	0.1
Community transmission	2,091	24.0
Under investigation	1,306	15.0
Total cases with known most likely transmission source	7,389	85.0
Total	8,695	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 02/07/2021 up to midnight on 15/07/2021

Date	Number of confirmed cases
02/07/2021	433
03/07/2021	550
04/07/2021	360
05/07/2021	382
06/07/2021	566
07/07/2021	526
08/07/2021	627
09/07/2021	568
10/07/2021	562
11/07/2021	592
12/07/2021	580
13/07/2021	782
14/07/2021	994
15/07/2021	1173
Total	8,695

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 (02/07/2021 to 15/07/2021)

