

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

Report prepared by HPSC on 14/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 30/06/2021 up to midnight on 13/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	7,468	
National incidence of confirmed cases per 100,000 population	156.8	
Number of cases in healthcare workers	182	2.4
Males	3,794	50.8
Females	3,672	49.2
M:F ratio	1.0	
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 30/06/2021 up to midnight on 13/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		7,468	100
Sex	Male	3,794	50.8
	Female	3,672	49.2
	Unknown	2	0.0
Age	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	344	4.6
	5-12 yrs	737	9.9
	13-18 yrs	1122	15.0
	19-24 yrs	1820	24.4
	25-34 yrs	1479	19.8
	35-44 yrs	996	13.3
	45-54 yrs	486	6.5
	55-64 yrs	280	3.7
	65-74 yrs	147	2.0
	75-84 yrs	41	0.5
	85+ yrs	16	0.2
	Total	7,468	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 30/06/2021 up to midnight on 13/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		7,468	100	
Symptom status at time of test*	Yes	5,307	71.1	80.1
	No	1,318	17.6	19.9
	Unknown	843	11.3	
	Total cases where known	6,625		
Healthcare worker	Yes	182	2.4	2.7
	No	6,517	87.3	97.3
	Unknown	769	10.3	
	Total cases where known	6,699		

*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.

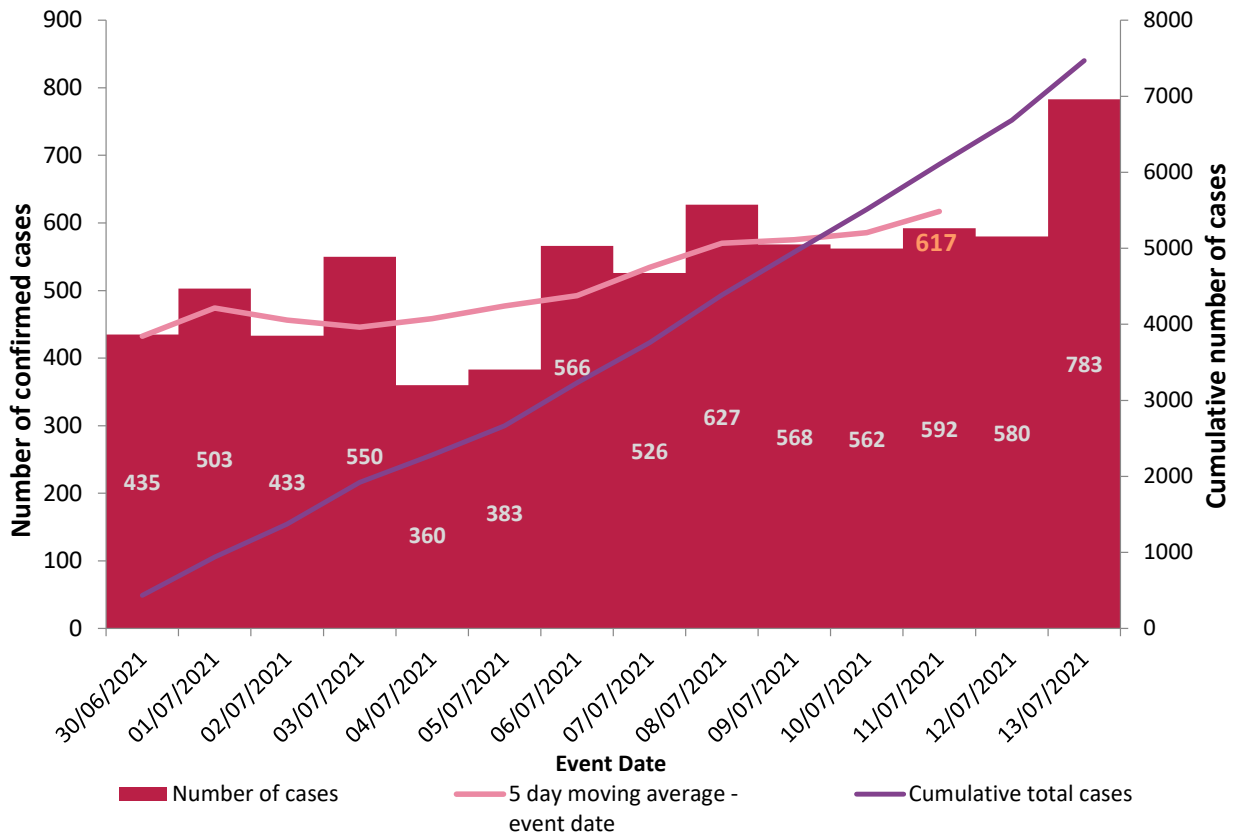


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=7468)

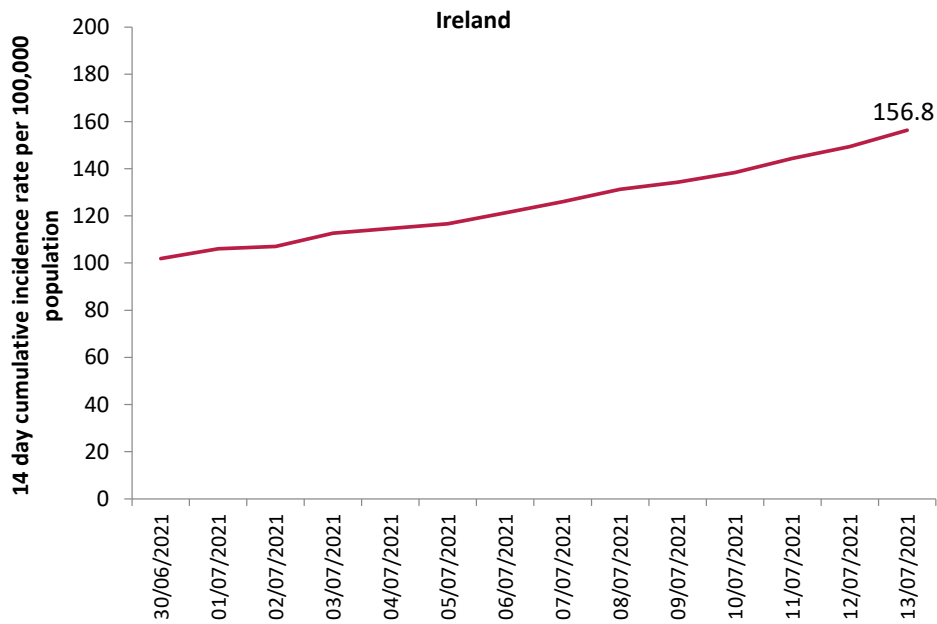


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 30/06/2021 up to midnight on 13/07/2021

*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 30/06/2021 up to midnight on 13/07/2021 7 day numbers are reported from 07/07/2021 up to midnight on 13/07/2021

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 (09/07/2021 - 13/07/2021)
Donegal	403	253.2	739	464.2	54.53	52
Louth	229	177.7	316	245.2	72.47	31
Limerick	235	120.6	392	201.1	59.95	37
Dublin	1,509	112.0	2780	206.3	54.28	211
Sligo	68	103.8	148	225.8	45.95	9
Carlow	56	98.4	69	121.2	81.16	8
Kildare	211	94.8	342	153.7	61.70	32
Mayo	122	93.5	191	146.4	63.87	16
Roscommon	58	89.9	117	181.3	49.57	8
Meath	175	89.7	330	169.2	53.03	24
Kerry	123	83.3	189	128.0	65.08	18
Galway	211	81.8	305	118.2	69.18	28
Leitrim	24	74.9	31	96.7	77.42	3
Monaghan	45	73.3	66	107.5	68.18	5
Westmeath	62	69.8	115	129.5	53.91	10
Laois	57	67.3	106	125.2	53.77	8
Offaly	44	56.4	81	103.9	54.32	5
Wicklow	70	49.1	142	99.7	49.30	10
Cavan	36	47.3	77	101.1	46.75	6
Cork	255	47.0	381	70.2	66.93	38
Wexford	64	42.7	139	92.8	46.04	8
Waterford	43	37.0	118	101.6	36.44	7
Clare	43	36.2	92	77.4	46.74	7
Longford	13	31.8	26	63.6	50.00	2
Tipperary	41	25.7	87	54.5	47.13	6
Kilkenny	23	23.2	66	66.5	34.85	3
Unknown	18		23			
Total	4,238	89.0	7,468	156.8		617.0

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 30/06/2021 up to midnight on 13/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	626	8.4
Close contact with a known confirmed case	4,147	55.5
Healthcare setting acquired: patient	18	0.2
Healthcare setting acquired: staff	13	0.2
Community transmission	1,819	24.4
Under investigation	845	11.3
Total cases with known most likely transmission source	6,623	88.7
Total	7,468	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 30/06/2021 up to midnight on 13/07/2021

Date	Number of confirmed cases
30/06/2021	435
01/07/2021	503
02/07/2021	433
03/07/2021	550
04/07/2021	360
05/07/2021	383
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	783
Total	7,468

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 (30/06/2021 to 13/07/2021)

