

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

Report prepared by HPSC on 27/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 13/07/2021 up to midnight on 26/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	16,392	
National incidence of confirmed cases per 100,000 population	344.2	
Number of cases in healthcare workers	432	2.6
Males	8,628	52.6
Females	7,742	47.2
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 13/07/2021 up to midnight on 26/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		16,392	100
Sex	Male	8,628	52.6
	Female	7,742	47.2
	Unknown	22	0.1
Age	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	689	4.2
	5-12 yrs	1010	6.2
	13-18 yrs	2841	17.3
	19-24 yrs	4487	27.4
	25-34 yrs	3433	20.9
	35-44 yrs	1751	10.7
	45-54 yrs	992	6.1
	55-64 yrs	722	4.4
	65-74 yrs	314	1.9
	75-84 yrs	109	0.7
	85+ yrs	44	0.3
	Total	16,392	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 13/07/2021 up to midnight on 26/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		16,392	100	
Symptom status at time of test*	Yes	11,922	72.7	79.8
	No	3,026	18.5	20.2
	Unknown	1,444	8.8	
	Total cases where known	14,948		
Healthcare worker	Yes	432	2.6	2.9
	No	14,694	89.6	97.1
	Unknown	1266	7.7	
	Total cases where known	15,126		

*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.

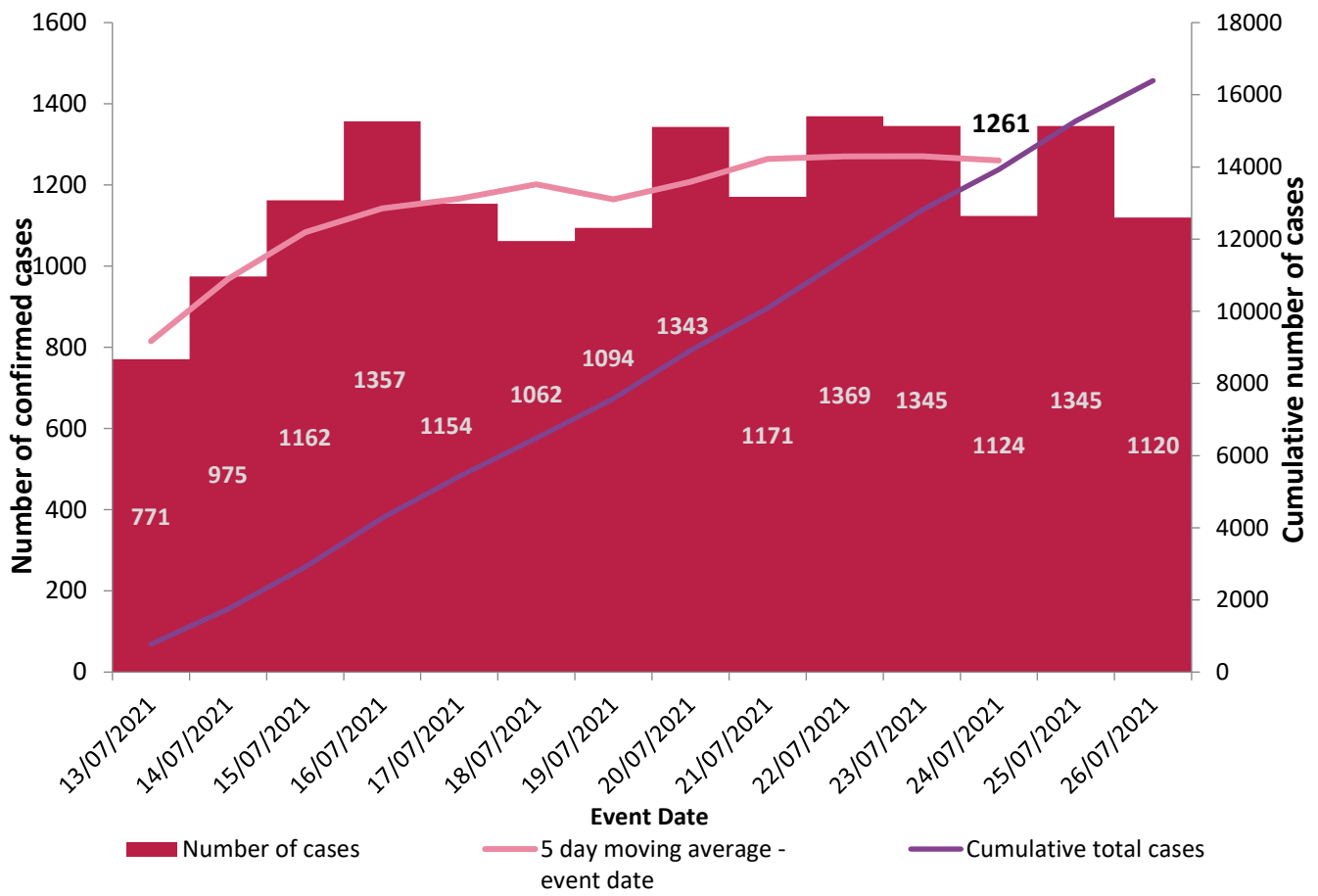


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=16392)

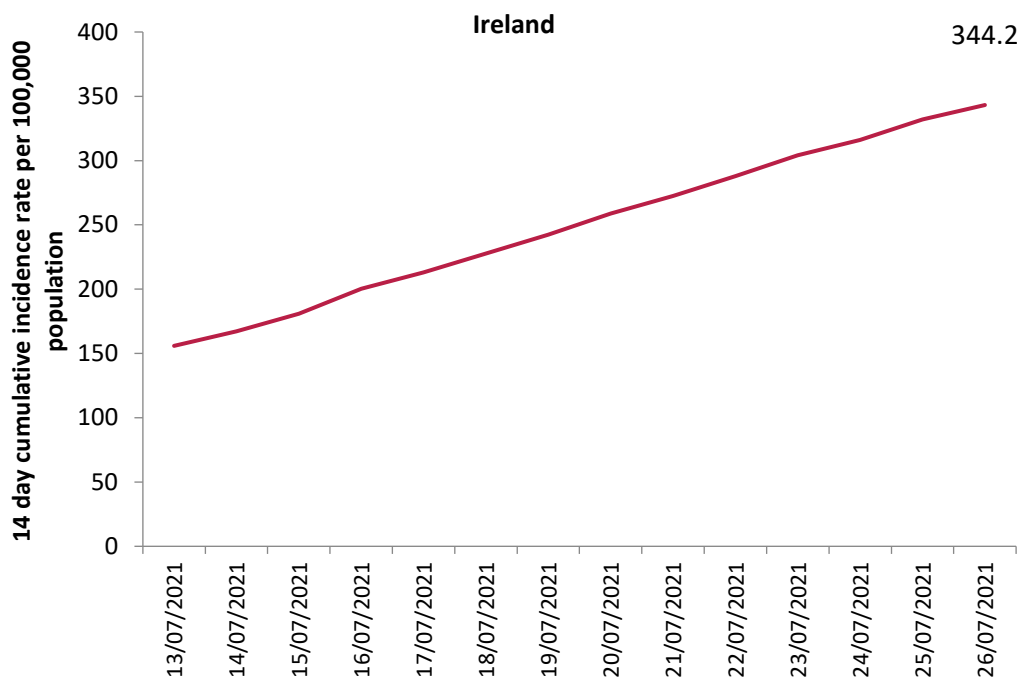


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 13/07/2021 up to midnight on 26/07/2021

*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 13/07/2021 up to midnight on 26/07/2021 7 day numbers are reported from 20/07/2021 up to midnight on 26/07/2021

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 (22/07/2021 - 26/07/2021)
Donegal	767	481.8	1545	970.5	49.64	95
Louth	387	300.3	800	620.7	48.38	61
Laois	245	289.3	395	466.4	62.03	31
Monaghan	169	275.3	255	415.4	66.27	30
Galway	698	270.5	1178	456.5	59.25	99
Leitrim	84	262.1	120	374.5	70.00	12
Sligo	150	228.9	243	370.8	61.73	24
Mayo	277	212.2	453	347.1	61.15	39
Meath	386	197.9	708	363.0	54.52	56
Dublin	2,631	195.3	5260	390.4	50.02	372
Wicklow	275	193.1	501	351.8	54.89	36
Roscommon	115	178.2	225	348.6	51.11	16
Limerick	309	158.5	564	289.4	54.79	50
Kerry	228	154.4	383	259.3	59.53	39
Kildare	328	147.4	656	294.8	50.00	43
Cavan	105	137.8	214	280.9	49.07	14
Longford	56	137.0	86	210.4	65.12	8
Westmeath	121	136.3	210	236.6	57.62	17
Carlow	75	131.7	165	289.8	45.45	10
Cork	679	125.1	1123	206.9	60.46	96
Tipperary	199	124.7	311	194.9	63.99	30
Offaly	87	111.6	221	283.5	39.37	14
Waterford	119	102.4	198	170.4	60.10	18
Wexford	143	95.5	220	146.9	65.00	22
Kilkenny	73	73.6	133	134.0	54.89	11
Clare	87	73.2	176	148.1	49.43	14
Unknown/Other*	24		49			
Total	8,817	185.2	16,392	344.2		1261

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 13/07/2021 up to midnight on 26/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	848	5.2
Close contact with a known confirmed case	8,283	50.5
Healthcare setting acquired: patient	56	0.3
Healthcare setting acquired: staff	28	0.2
Community transmission	5,272	32.2
Under investigation	1,905	11.6
Total cases with known most likely transmission source	14,487	88.4
Total	16,392	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 13/07/2021 up to midnight on 26/07/2021

Date	Number of confirmed cases
13/07/2021	771
14/07/2021	975
15/07/2021	1162
16/07/2021	1357
17/07/2021	1154
18/07/2021	1062
19/07/2021	1094
20/07/2021	1343
21/07/2021	1171
22/07/2021	1369
23/07/2021	1345
24/07/2021	1124
25/07/2021	1345
26/07/2021	1120
Total	16,392

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 (13/07/2021 to 26/07/2021)

