

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

Report prepared by HPSC on 22/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 08/07/2021 up to midnight on 21/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	13,065	
National incidence of confirmed cases per 100,000 population	274.4	
Number of cases in healthcare workers	350	2.7
Males	6,892	52.8
Females	6,158	47.1
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 08/07/2021 up to midnight on 21/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		13,065	100
Sex	Male	6,892	52.8
	Female	6,158	47.1
	Unknown	15	0.1
Age	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	559	4.3
	5-12 yrs	821	6.3
	13-18 yrs	2251	17.2
	19-24 yrs	3542	27.1
	25-34 yrs	2685	20.6
	35-44 yrs	1480	11.3
	45-54 yrs	774	5.9
	55-64 yrs	578	4.4
	65-74 yrs	249	1.9
	75-84 yrs	93	0.7
	85+ yrs	33	0.3
	Total	13,065	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 08/07/2021 up to midnight on 21/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		13,065	100	
Symptom status at time of test*	Yes	9,427	72.2	79.8
	No	2,382	18.2	20.2
	Unknown	1,256	9.6	
	Total cases where known	11,809		
Healthcare worker	Yes	350	2.7	2.9
	No	11,602	88.8	97.1
	Unknown	1113	8.5	
	Total cases where known	11,952		

*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.

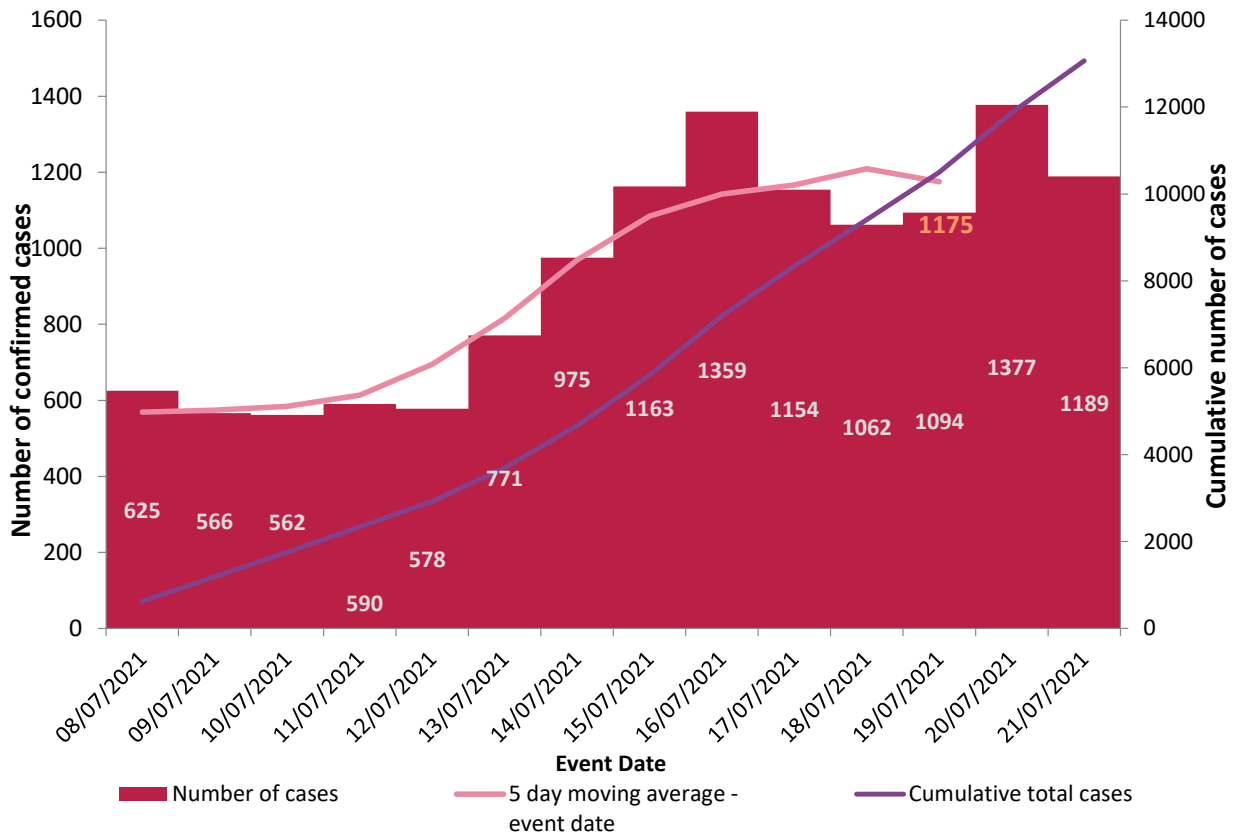


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=13065)

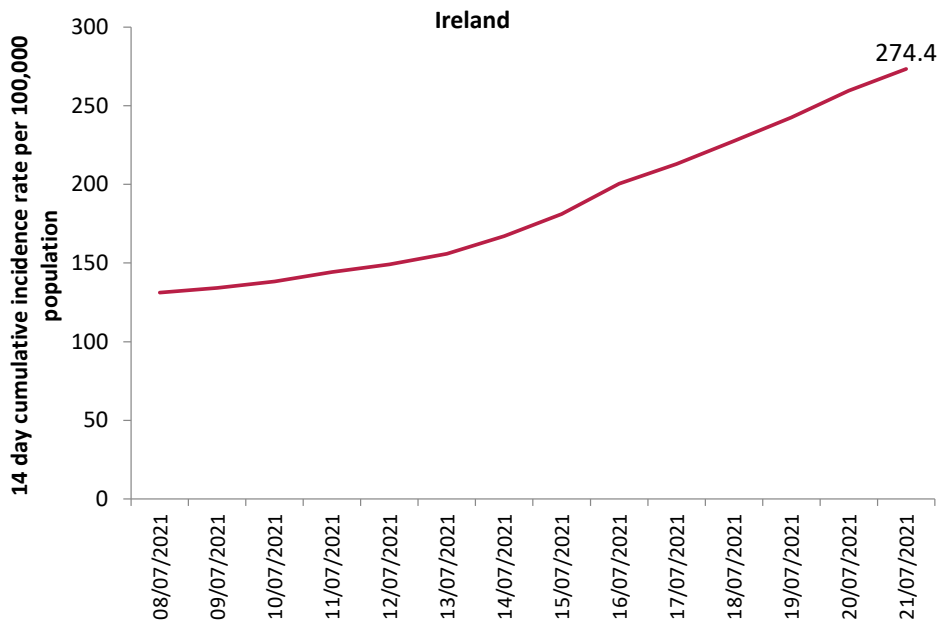


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 08/07/2021 up to midnight on 21/07/2021

*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 08/07/2021 up to midnight on 21/07/2021 7 day numbers are reported from 15/07/2021 up to midnight on 21/07/2021

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 (17/07/2021 - 21/07/2021)
Donegal	896	562.8	1334	838.0	67.17	130
Louth	390	302.6	659	511.3	59.18	51
Laois	206	243.2	274	323.5	75.18	32
Galway	608	235.6	819	317.4	74.24	83
Dublin	2,764	205.1	4452	330.4	62.08	373
Roscommon	123	190.6	184	285.1	66.85	17
Wicklow	271	190.3	381	267.5	71.13	42
Meath	341	174.8	553	283.5	61.66	43
Mayo	224	171.6	350	268.2	64.00	35
Offaly	131	168.0	176	225.8	74.43	18
Kildare	372	167.2	597	268.3	62.31	53
Leitrim	52	162.3	77	240.3	67.53	8
Cavan	121	158.8	172	225.8	70.35	17
Carlow	90	158.1	149	261.7	60.40	13
Sligo	99	151.1	166	253.3	59.64	16
Monaghan	85	138.5	137	223.2	62.04	13
Limerick	263	134.9	481	246.8	54.68	36
Westmeath	105	118.3	172	193.8	61.05	15
Kerry	153	103.6	263	178.1	58.17	20
Cork	537	98.9	835	153.8	64.31	80
Longford	40	97.9	54	132.1	74.07	6
Tipperary	149	93.4	189	118.5	78.84	21
Waterford	100	86.1	140	120.5	71.43	15
Clare	90	75.7	155	130.5	58.06	14
Kilkenny	66	66.5	101	101.8	65.35	8
Wexford	90	60.1	148	98.8	60.81	13
Unknown	32		47			
Total	8,398	176.4	13,065	274.4		1175

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 08/07/2021 up to midnight on 21/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	829	6.3
Close contact with a known confirmed case	6,792	52.0
Healthcare setting acquired: patient	51	0.4
Healthcare setting acquired: staff	24	0.2
Community transmission	3,858	29.5
Under investigation	1,511	11.6
Total cases with known most likely transmission source	11,554	88.4
Total	13,065	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 08/07/2021 up to midnight on 21/07/2021

Date	Number of confirmed cases
08/07/2021	625
09/07/2021	566
10/07/2021	562
11/07/2021	590
12/07/2021	578
13/07/2021	771
14/07/2021	975
15/07/2021	1163
16/07/2021	1359
17/07/2021	1154
18/07/2021	1062
19/07/2021	1094
20/07/2021	1377
21/07/2021	1189
Total	13,065

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 (08/07/2021 to 21/07/2021)

