

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

Report prepared by HPSC on 26/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 12/07/2021 up to midnight on 25/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	15,850	
National incidence of confirmed cases per 100,000 population	332.9	
Number of cases in healthcare workers	409	2.6
Males	8,363	52.8
Females	7,467	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.

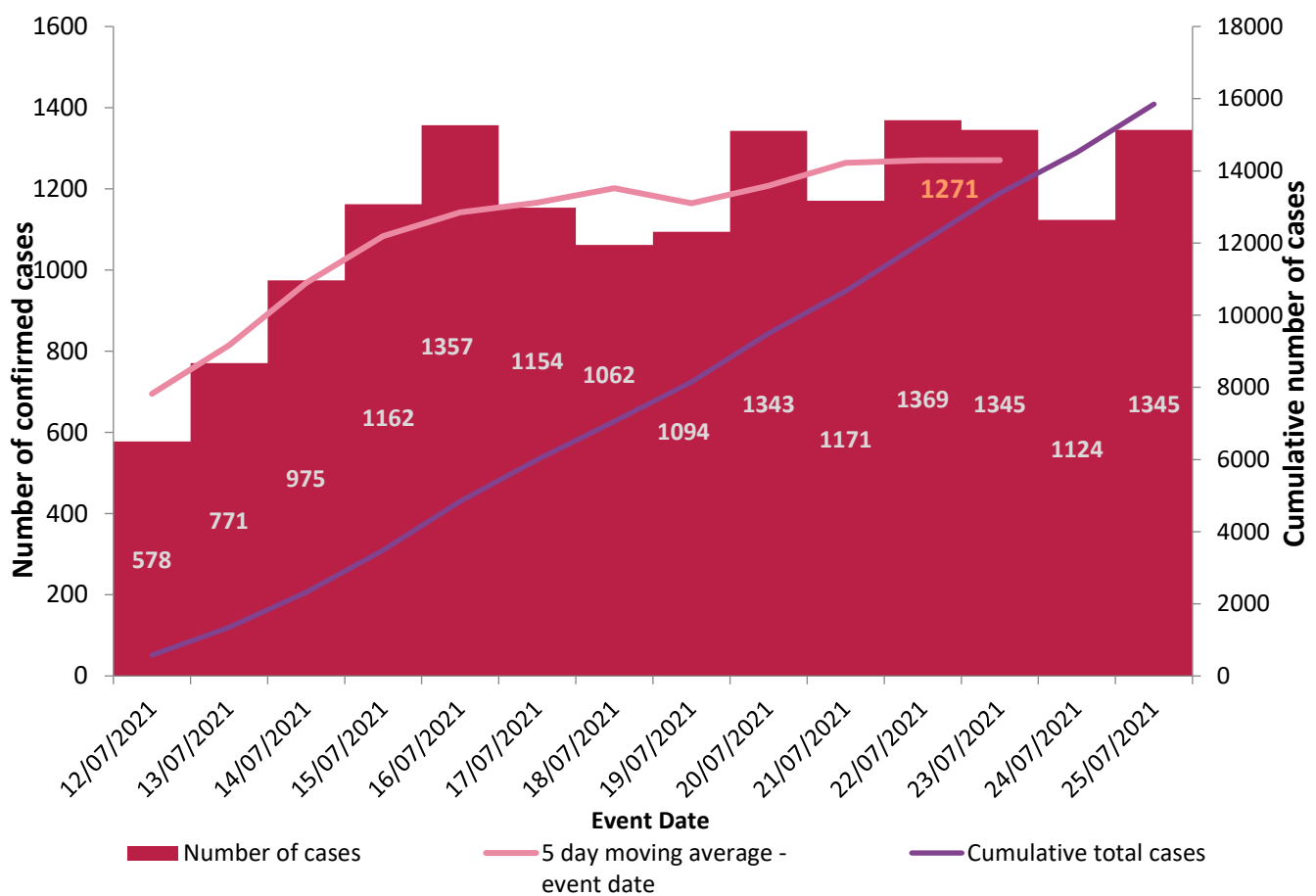
Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 12/07/2021 up to midnight on 25/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		15,850	100
Sex	Male	8,363	52.8
	Female	7,467	47.1
	Unknown	20	0.1
Age	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	665	4.2
	5-12 yrs	965	6.1
	13-18 yrs	2735	17.3
	19-24 yrs	4383	27.7
	25-34 yrs	3284	20.7
	35-44 yrs	1717	10.8
	45-54 yrs	965	6.1
	55-64 yrs	682	4.3
	65-74 yrs	310	2.0
	75-84 yrs	104	0.7
	85+ yrs	40	0.3
	Total	15,850	

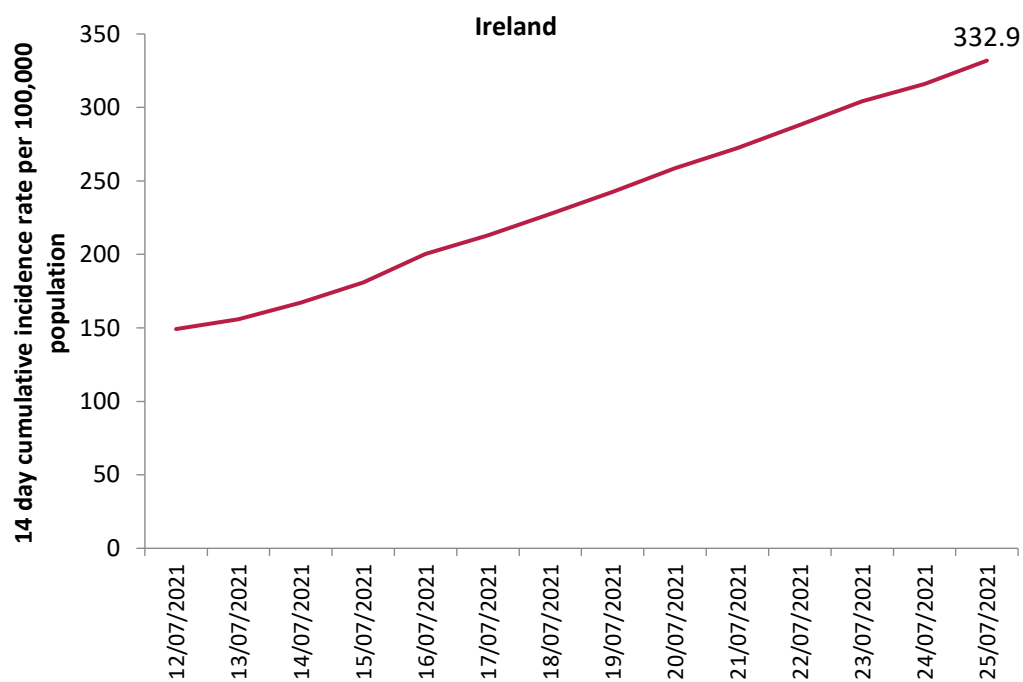
Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 12/07/2021 up to midnight on 25/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		15,850	100	
Symptom status at time of test*	Yes	11,415	72.0	79.8
	No	2,897	18.3	20.2
	Unknown	1,538	9.7	
	Total cases where known	14,312		
Healthcare worker	Yes	409	2.6	2.8
	No	14,068	88.8	97.2
	Unknown	1373	8.7	
	Total cases where known	14,477		

\*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=15850)**



**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 12/07/2021 up to midnight on 25/07/2021**

\*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 12/07/2021 up to midnight on 25/07/2021 7 day numbers are reported from 19/07/2021 up to midnight on 25/07/2021**

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 (21/07/2021 - 25/07/2021)
Donegal	825	518.2	1516	952.3	54.42	136
Laois	257	303.4	385	454.6	66.75	35
Louth	389	301.8	778	603.6	50.00	48
Galway	709	274.7	1134	439.4	62.52	100
Monaghan	154	250.9	227	369.8	67.84	18
Leitrim	78	243.4	113	352.6	69.03	8
Sligo	150	228.9	232	354.0	64.66	17
Mayo	280	214.5	425	325.7	65.88	43
Wicklow	297	208.5	492	345.4	60.37	47
Dublin	2,651	196.8	5142	381.6	51.56	368
Meath	350	179.4	662	339.4	52.87	47
Roscommon	107	165.8	212	328.5	50.47	15
Carlow	86	151.1	166	291.6	51.81	14
Kildare	334	150.1	645	289.9	51.78	51
Limerick	290	148.8	535	274.5	54.21	32
Westmeath	123	138.6	210	236.6	58.57	15
Cavan	100	131.3	205	269.1	48.78	16
Kerry	191	129.3	353	239.0	54.11	21
Cork	657	121.0	1098	202.3	59.84	87
Longford	49	119.9	81	198.2	60.49	8
Tipperary	190	119.1	282	176.7	67.38	22
Waterford	124	106.7	194	167.0	63.92	16
Offaly	82	105.2	209	268.1	39.23	15
Wexford	137	91.5	216	144.3	63.43	19
Clare	90	75.7	169	142.2	53.25	11
Kilkenny	72	72.6	126	127.0	57.14	9
Unknown/Other*	19		43			
<b>Total</b>	<b>8,791</b>	<b>184.6</b>	<b>15,850</b>	<b>332.9</b>		<b>1271</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 12/07/2021 up to midnight on 25/07/2021**

Most likely transmission source	Number of cases	Percent
Travel related	837	5.3
Close contact with a known confirmed case	7,967	50.3
Healthcare setting acquired: patient	56	0.4
Healthcare setting acquired: staff	30	0.2
Community transmission	4,990	31.5
Under investigation	1,970	12.4
<b>Total cases with known most likely transmission source</b>	<b>13,880</b>	<b>87.6</b>
<b>Total</b>	<b>15,850</b>	<b>100</b>

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 12/07/2021 up to midnight on 25/07/2021**

Date	Number of confirmed cases
12/07/2021	578
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
<b>Total</b>	<b>15,850</b>

## **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  $\geq 85$  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 (12/07/2021 to 25/07/2021)**

