

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

Report prepared by HPSC on 20/07/2021

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

	Number	Percent
Total number of confirmed cases on COVID CCT	11,707	
National incidence of confirmed cases per 100,000 population	245.8	
Number of cases in healthcare workers	316	2.7
Males	6,101	52.1
Females	5,595	47.8
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.

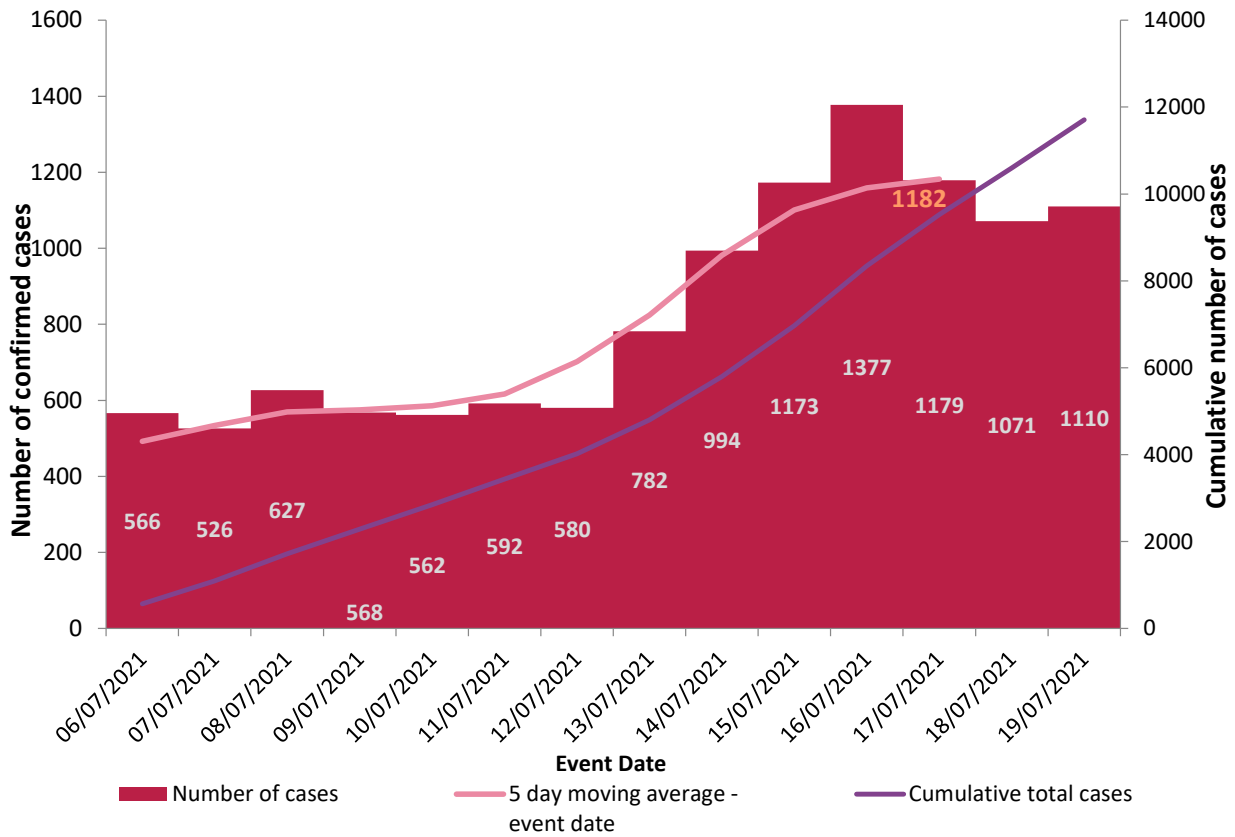
**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 06/07/2021 up to midnight on 19/07/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		11,707	<b>100</b>
<b>Sex</b>	Male	6,101	52.1
	Female	5,595	47.8
	Unknown	11	0.1
<b>Age</b>	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	497	4.2
	5-12 yrs	794	6.8
	13-18 yrs	2002	17.1
	19-24 yrs	3088	26.4
	25-34 yrs	2431	20.8
	35-44 yrs	1359	11.6
	45-54 yrs	701	6.0
	55-64 yrs	500	4.3
	65-74 yrs	233	2.0
	75-84 yrs	76	0.6
	85+ yrs	26	0.2
	Total	11,707	

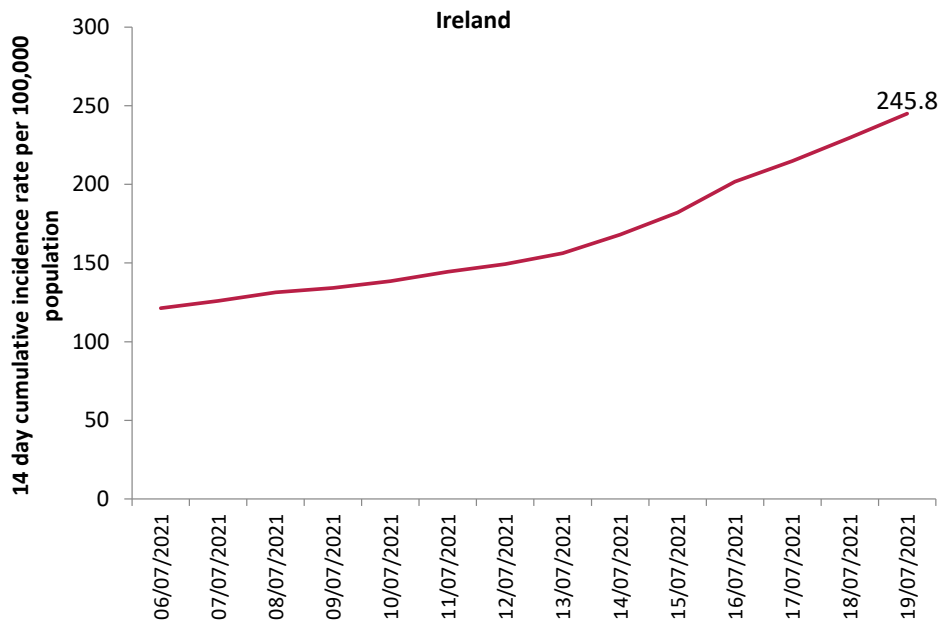
**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 06/07/2021 up to midnight on 19/07/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		<b>11,707</b>	<b>100</b>	
<b>Symptom status at time of test*</b>	Yes	8,470	72.3	80.1
	No	2,104	18.0	19.9
	Unknown	1,133	9.7	
	Total cases where known	<b>10,574</b>		
<b>Healthcare worker</b>	Yes	316	2.7	3.0
	No	10,380	88.7	97.0
	Unknown	1011	8.6	
	Total cases where known	<b>10,696</b>		

\*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=11707)**



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

\*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 06/07/2021 up to midnight on 19/07/2021 7 day numbers are reported from 13/07/2021 up to midnight on 19/07/2021**

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 (15/07/2021 - 19/07/2021)
Donegal	778	488.7	1154	724.9	67.42	120
Louth	416	322.8	611	474.1	68.09	61
Dublin	2,673	198.4	4137	307.0	64.61	403
Galway	493	191.0	663	256.9	74.36	83
Offaly	135	173.2	177	227.0	76.27	23
Laois	145	171.2	194	229.1	74.74	23
Roscommon	109	168.9	165	255.6	66.06	18
Meath	325	166.6	497	254.8	65.39	47
Carlow	93	163.4	131	230.1	70.99	13
Wicklow	223	156.6	301	211.3	74.09	34
Kildare	332	149.2	541	243.1	61.37	52
Sligo	97	148.0	167	254.8	58.08	15
Cavan	110	144.4	148	194.3	74.32	18
Limerick	277	142.1	502	257.6	55.18	44
Monaghan	87	141.7	126	205.3	69.05	12
Mayo	177	135.6	286	219.1	61.89	27
Leitrim	37	115.5	57	177.9	64.91	6
Kerry	166	112.4	273	184.8	60.81	26
Westmeath	95	107.0	158	178.0	60.13	15
Longford	35	85.6	49	119.9	71.43	6
Cork	447	82.3	684	126.0	65.35	67
Tipperary	112	70.2	151	94.6	74.17	20
Clare	83	69.9	142	119.5	58.45	13
Waterford	78	67.1	117	100.7	66.67	13
Kilkenny	60	60.5	92	92.7	65.22	8
Wexford	77	51.4	143	95.5	53.85	11
Unknown	26		41			
<b>Total</b>	<b>7,686</b>	<b>161.4</b>	<b>11,707</b>	<b>245.8</b>		<b>1182</b>

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

<b>Most likely transmission source</b>	<b>Number of cases</b>	<b>Percent</b>
Travel related	814	7.0
Close contact with a known confirmed case	6,161	52.6
Healthcare setting acquired: patient	39	0.3
Healthcare setting acquired: staff	22	0.2
Community transmission	3,323	28.4
Under investigation	1,348	11.5
<b>Total cases with known most likely transmission source</b>	<b>10,359</b>	<b>88.5</b>
<b>Total</b>	<b>11,707</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 06/07/2021 up to midnight on 19/07/2021**

Date	Number of confirmed cases
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
16/07/2021	1377
17/07/2021	1179
18/07/2021	1071
19/07/2021	1110
<b>Total</b>	<b>11,707</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 (06/07/2021 to 19/07/2021)**

