

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

Report prepared by HPSC on 19/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 05/07/2021 up to midnight on 18/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	10,979	
National incidence of confirmed cases per 100,000 population	230.6	
Number of cases in healthcare workers	289	2.6
Males	5,720	52.1
Females	5,250	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.

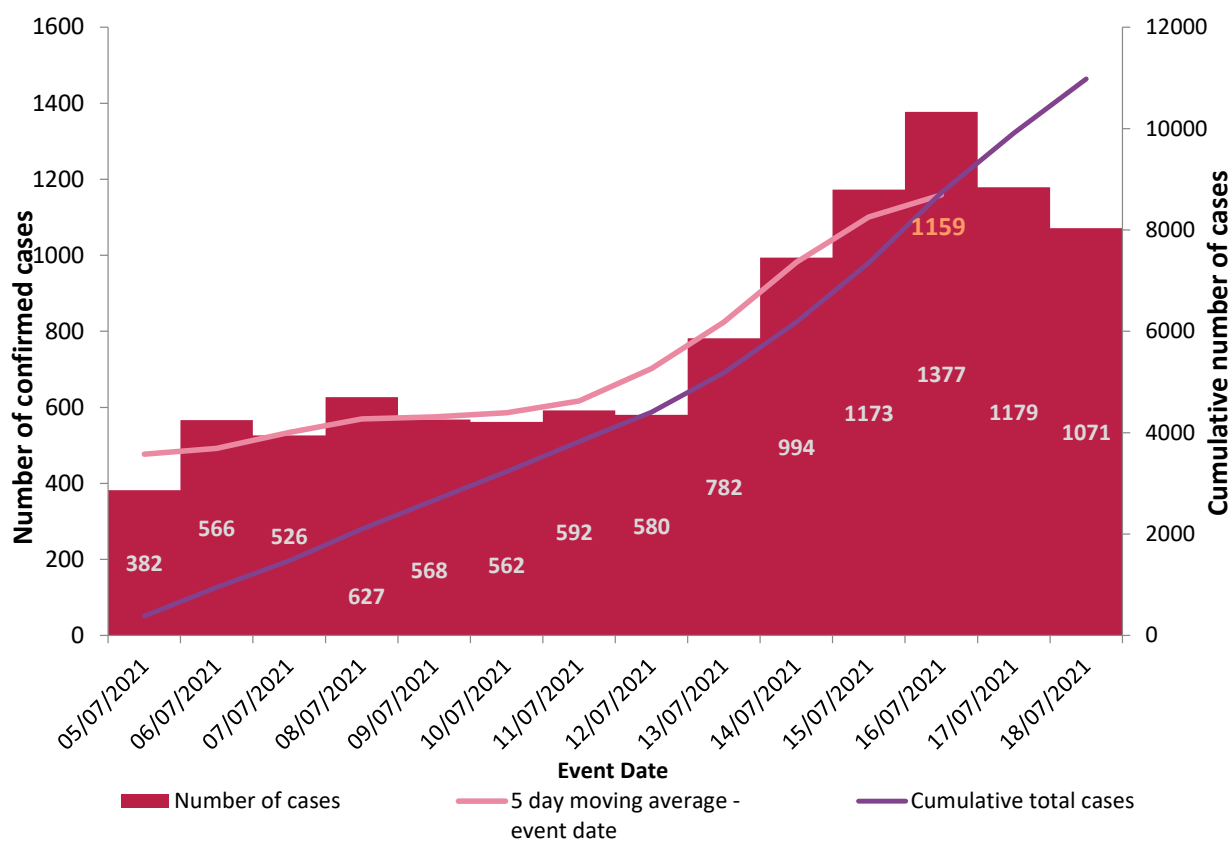
**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 05/07/2021 up to midnight on 18/07/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>10,979</b>	<b>100</b>
<b>Sex</b>	Male	5,720	52.1
	Female	5,250	47.8
	Unknown	9	0.1
<b>Age</b>	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	461	4.2
	5-12 yrs	762	6.9
	13-18 yrs	1831	16.7
	19-24 yrs	2901	26.4
	25-34 yrs	2286	20.8
	35-44 yrs	1299	11.8
	45-54 yrs	672	6.1
	55-64 yrs	460	4.2
	65-74 yrs	216	2.0
	75-84 yrs	69	0.6
	85+ yrs	22	0.2
	Total	9,562	

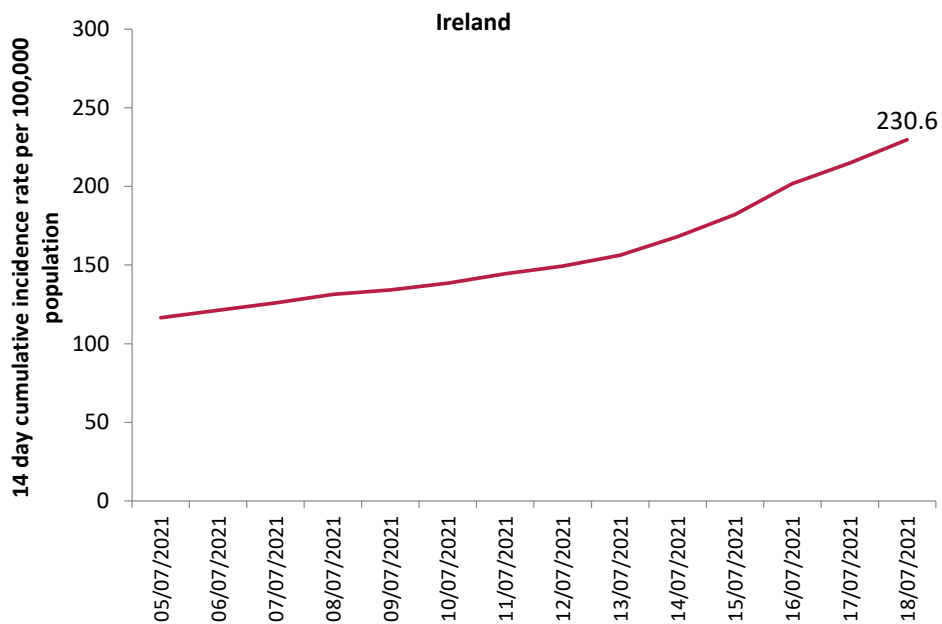
**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 05/07/2021 up to midnight on 18/07/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		<b>10,979</b>	<b>100</b>	
<b>Symptom status at time of test*</b>	Yes	7,969	72.6	80.6
	No	1,922	17.5	19.4
	Unknown	1,088	9.9	
	Total cases where known	<b>9,891</b>		
<b>Healthcare worker</b>	Yes	289	2.6	2.9
	No	9,712	88.5	97.1
	Unknown	978	8.9	
	Total cases where known	<b>10,001</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=10979)**



**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 05/07/2021 up to midnight on 18/07/2021**

\*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 05/07/2021 up to midnight on 18/07/2021 7 day numbers are reported from 12/07/2021 up to midnight on 18/07/2021**

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 (14/07/2021 - 18/07/2021)
Carlow	84	147.5	110	193.2	76.36	11
Cavan	106	139.2	141	185.1	75.18	19
Clare	77	64.8	135	113.6	57.04	13
Cork	443	81.6	650	119.7	68.15	70
Donegal	692	434.7	1054	662.1	65.65	114
Dublin	2,526	187.5	3908	290.0	64.64	409
Galway	434	168.2	577	223.6	75.22	68
Kerry	170	115.1	260	176.0	65.38	26
Kildare	315	141.6	507	227.9	62.13	50
Kilkenny	54	54.4	97	97.8	55.67	9
Laois	124	146.4	171	201.9	72.51	21
Leitrim	34	106.1	54	168.5	62.96	5
Limerick	266	136.5	498	255.5	53.41	44
Longford	38	93.0	49	119.9	77.55	6
Louth	392	304.1	571	443.0	68.65	64
Mayo	146	111.9	247	189.3	59.11	20
Meath	314	161.0	491	251.7	63.95	50
Monaghan	74	120.5	115	187.3	64.35	12
Offaly	128	164.2	169	216.8	75.74	22
Roscommon	106	164.2	160	247.9	66.25	17
Sligo	84	128.2	159	242.6	52.83	13
Tipperary	92	57.7	132	82.7	69.70	16
Waterford	69	59.4	113	97.3	61.06	12
Westmeath	93	104.8	151	170.1	61.59	16
Wexford	79	52.8	154	102.9	51.30	12
Wicklow	191	134.1	266	186.8	71.80	35
Unknown	25		40			
<b>Total</b>	<b>7,156</b>	<b>150.3</b>	<b>10,979</b>	<b>230.6</b>		<b>1159</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 05/07/2021 up to midnight on 18/07/2021**

Most likely transmission source	Number of cases	Percent
Travel related	801	7.3
Close contact with a known confirmed case	5,747	52.3
Healthcare setting acquired: patient	36	0.3
Healthcare setting acquired: staff	20	0.2
Community transmission	3,091	28.2
Under investigation	1,284	11.7
<b>Total cases with known most likely transmission source</b>	<b>9,695</b>	<b>88.3</b>
<b>Total</b>	<b>10,979</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 05/07/2021 up to midnight on 18/07/2021**

Date	Number of confirmed cases
05/07/2021	382
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
<b>Total</b>	<b>10,979</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 (05/07/2021 to 18/07/2021)**

