

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

Report prepared by HPSC on 21/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 07/07/2021 up to midnight on 20/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	12,403	
National incidence of confirmed cases per 100,000 population	260.5	
Number of cases in healthcare workers	340	2.7
Males	6,502	52.4
Females	5,889	47.5
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.

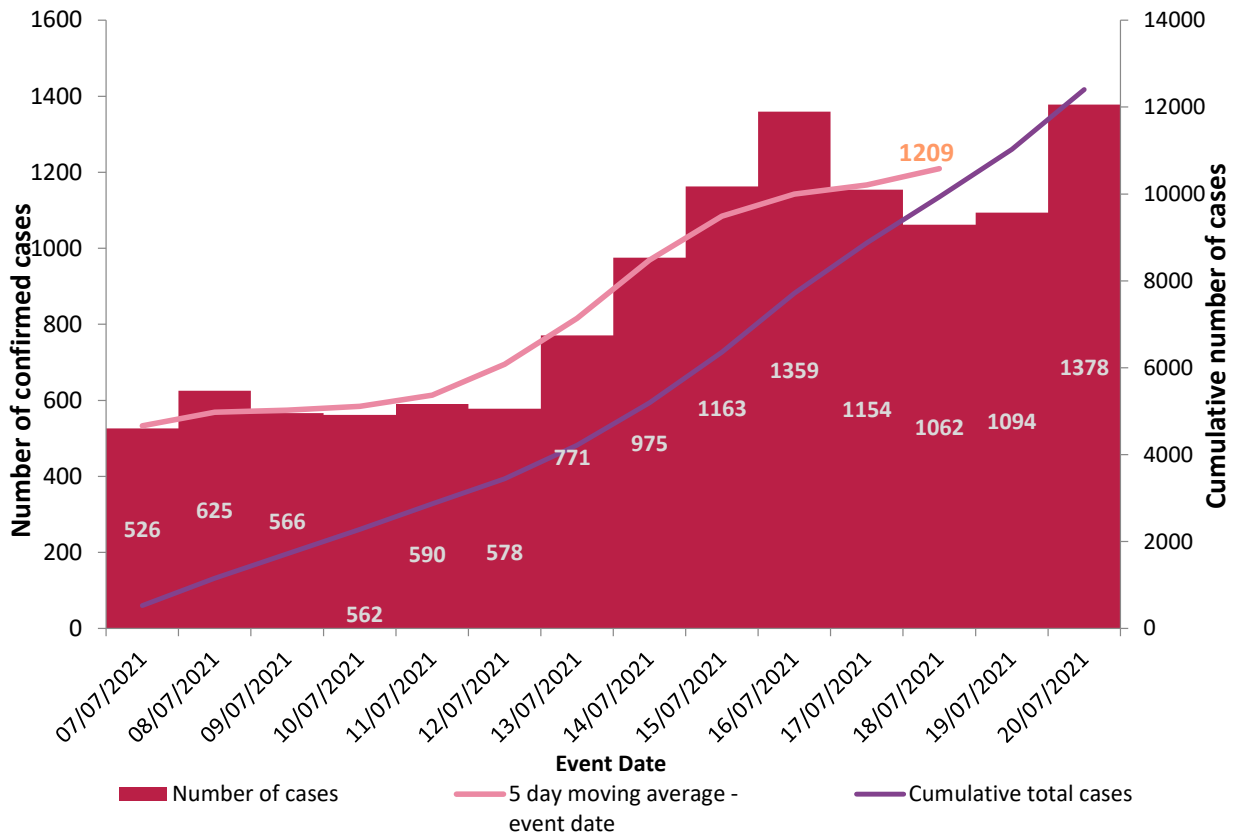
**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 07/07/2021 up to midnight on 20/07/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		12,403	<b>100</b>
<b>Sex</b>	Male	6,502	52.4
	Female	5,889	47.5
	Unknown	12	0.1
<b>Age</b>	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	533	4.3
	5-12 yrs	821	6.6
	13-18 yrs	2132	17.2
	19-24 yrs	3309	26.7
	25-34 yrs	2549	20.6
	35-44 yrs	1425	11.5
	45-54 yrs	738	6.0
	55-64 yrs	539	4.3
	65-74 yrs	239	1.9
	75-84 yrs	86	0.7
	85+ yrs	32	0.3
	Total	12,403	

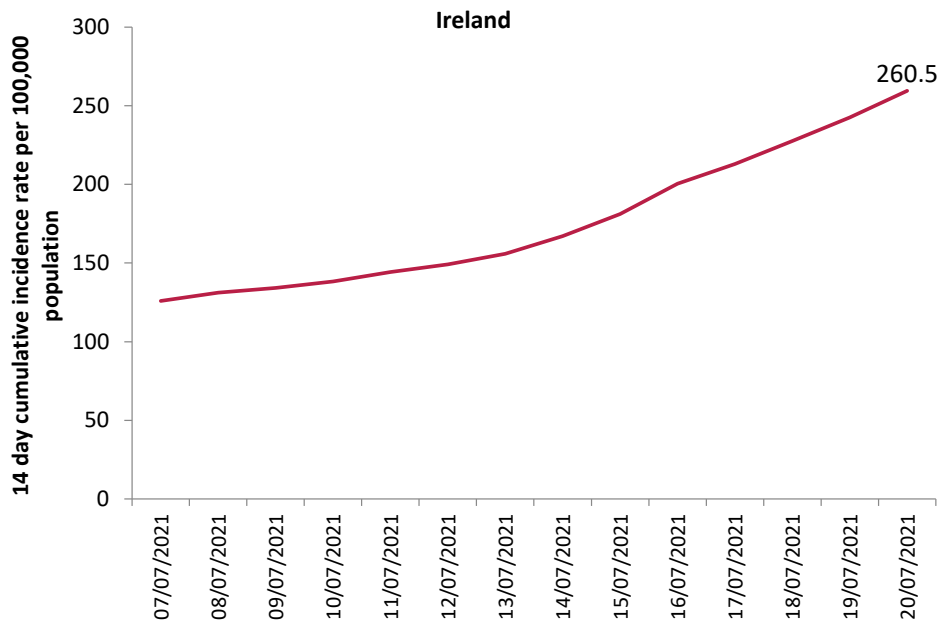
**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 07/07/2021 up to midnight on 20/07/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		<b>12,403</b>	<b>100</b>	
<b>Symptom status at time of test*</b>	Yes	8,885	71.6	80.2
	No	2,188	17.6	19.8
	Unknown	1,330	10.7	
	Total cases where known	<b>11,073</b>		
<b>Healthcare worker</b>	Yes	340	2.7	3.0
	No	10,858	87.5	97.0
	Unknown	1205	9.7	
	Total cases where known	<b>11,198</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=12403)**



**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 07/07/2021 up to midnight on 20/07/2021**

\*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 07/07/2021 up to midnight on 20/07/2021 7 day numbers are reported from 14/07/2021 up to midnight on 20/07/2021**

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 (16/07/2021 - 20/07/2021)
Donegal	849	533.3	1252	786.5	67.81	123
Louth	407	315.8	637	494.2	63.89	53
Galway	552	213.9	760	294.5	72.63	93
Laois	179	211.3	231	272.7	77.49	30
Dublin	2,760	204.8	4262	316.3	64.76	389
Wicklow	268	188.2	341	239.4	78.59	41
Roscommon	116	179.7	176	272.7	65.91	16
Offaly	136	174.4	180	230.9	75.56	22
Meath	336	172.3	516	264.6	65.12	47
Carlow	95	166.9	147	258.2	64.63	14
Cavan	126	165.4	165	216.6	76.36	19
Kildare	352	158.2	562	252.6	62.63	55
Mayo	205	157.1	330	252.9	62.12	37
Monaghan	92	149.9	137	223.2	67.15	14
Limerick	288	147.8	505	259.1	57.03	42
Sligo	92	140.4	159	242.6	57.86	14
Leitrim	43	134.2	67	209.1	64.18	6
Kerry	179	121.2	291	197.0	61.51	26
Westmeath	101	113.8	162	182.5	62.35	14
Cork	489	90.1	748	137.8	65.37	75
Longford	36	88.1	50	122.3	72.00	6
Tipperary	132	82.7	172	107.8	76.74	22
Waterford	88	75.7	126	108.5	69.84	14
Clare	84	70.7	143	120.4	58.74	11
Kilkenny	60	60.5	87	87.7	68.97	9
Wexford	90	60.1	151	100.9	59.60	13
Unknown	30		46			
<b>Total</b>	<b>8,185</b>	<b>171.9</b>	<b>12,403</b>	<b>260.5</b>		<b>1209</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 07/07/2021 up to midnight on 20/07/2021**

<b>Most likely transmission source</b>	<b>Number of cases</b>	<b>Percent</b>
Travel related	819	6.6
Close contact with a known confirmed case	6,406	51.6
Healthcare setting acquired: patient	51	0.4
Healthcare setting acquired: staff	20	0.2
Community transmission	3,550	28.6
Under investigation	1,557	12.6
<b>Total cases with known most likely transmission source</b>	<b>10,846</b>	<b>87.4</b>
<b>Total</b>	<b>12,403</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 07/07/2021 up to midnight on 20/07/2021**

Date	Number of confirmed cases
07/07/2021	526
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	1378
<b>Total</b>	<b>12,403</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 (07/07/2021 to 20/07/2021)**

