

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

Report prepared by HPSC on 02/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 18/06/2021 up to midnight on 01/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	5,089	
National incidence of confirmed cases per 100,000 population	106.9	
Number of cases in healthcare workers	124	2.4
Males	2,581	50.7
Females	2,502	49.2
M:F ratio	1.0	
Median age (years)	25	
Mean age (years)	28	
Age range (years)	0-94	

**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.

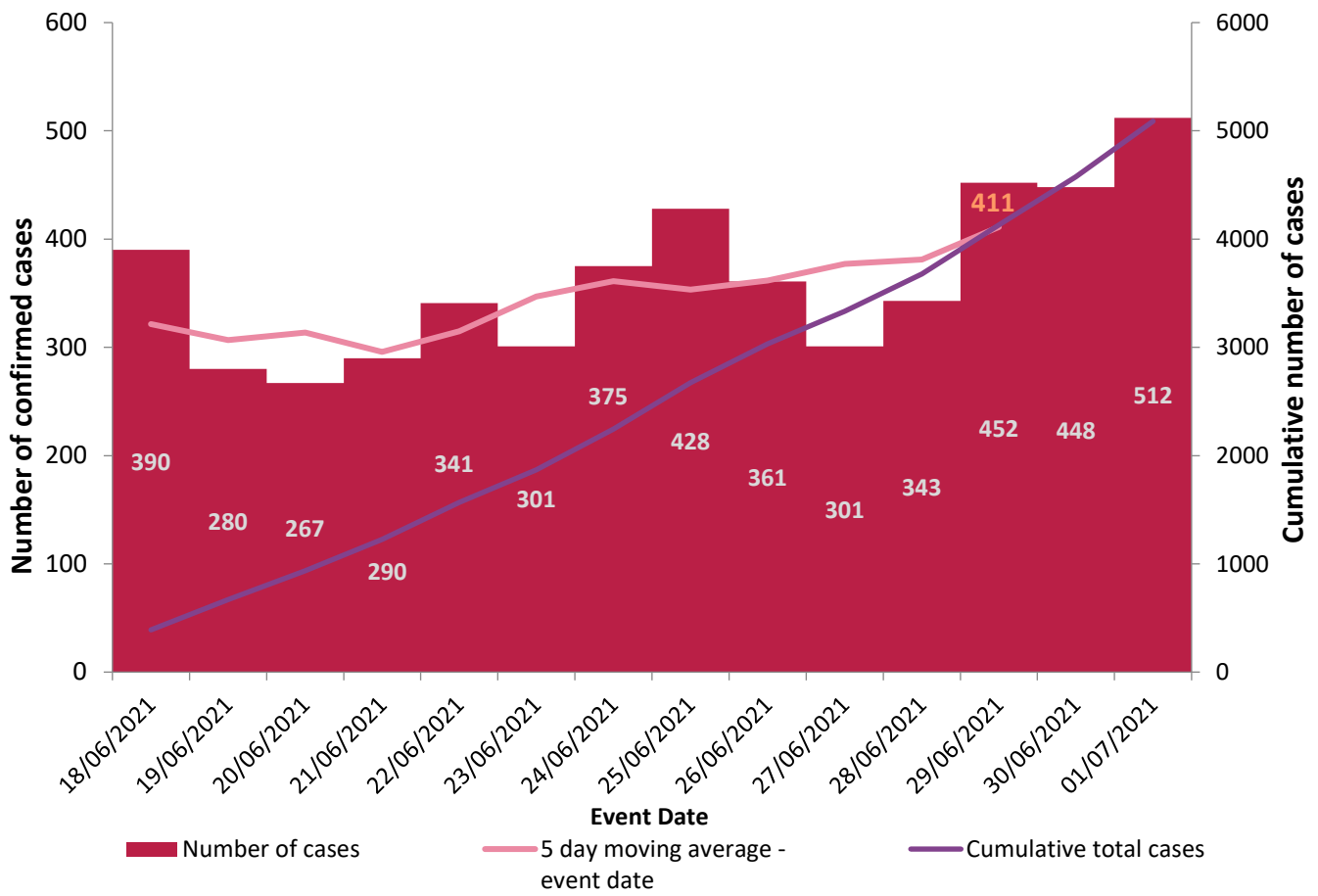
**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 18/06/2021 up to midnight on 01/07/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		5,089	100
<b>Sex</b>	Male	2,581	50.7
	Female	2,502	49.2
	Unknown	6	0.1
<b>Age</b>	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0-94	
	0-4 yrs	257	5.1
	5-12 yrs	660	13.0
	13-18 yrs	465	9.1
	19-24 yrs	1101	21.6
	25-34 yrs	955	18.8
	35-44 yrs	819	16.1
	45-54 yrs	454	8.9
	55-64 yrs	241	4.7
	65-74 yrs	107	2.1
	75-84 yrs	22	0.4
	85+ yrs	8	0.2
	Total	5,089	

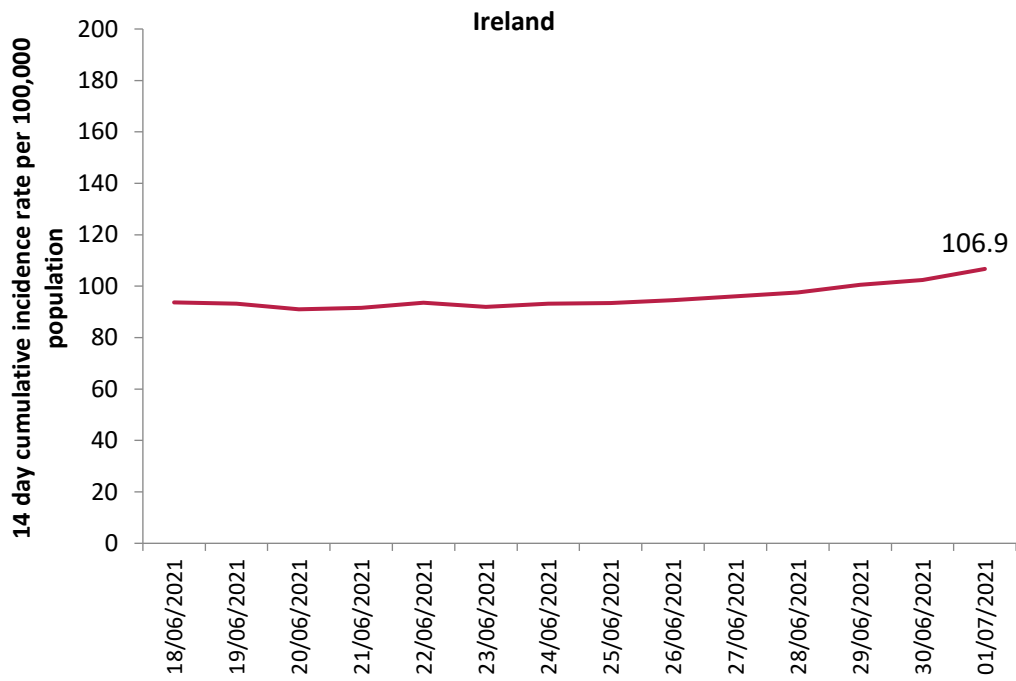
**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 18/06/2021 up to midnight on 01/07/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		<b>5,089</b>	<b>100</b>	
<b>Symptom status at time of test*</b>	Yes	3,217	63.2	75.3
	No	1,057	20.8	24.7
	Unknown	815	16.0	
	Total cases where known	<b>4,274</b>		
<b>Healthcare worker</b>	Yes	124	2.4	2.8
	No	4,323	84.9	97.2
	Unknown	642	12.6	
	Total cases where known	<b>4,447</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=5089)**



**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 18/06/2021 up to midnight on 01/07/2021**

\*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 18/06/2021 up to midnight on 01/07/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (27/06/2021 - 01/07/2021)
Donegal	451	283.3	43
Waterford	257	221.2	20
Limerick	333	170.9	21
Sligo	109	166.3	6
Roscommon	102	158.0	9
Dublin	2,004	148.7	174
Westmeath	116	130.7	10
Offaly	91	116.7	5
Meath	205	105.1	17
Clare	117	98.5	8
Louth	125	97.0	9
Galway	219	84.9	13
Laois	70	82.6	5
Kildare	176	79.1	14
Longford	26	63.6	2
Cavan	48	63.0	4
Tipperary	84	52.6	5
Monaghan	31	50.5	3
Wicklow	67	47.0	6
Carlow	25	43.9	1
Leitrim	14	43.7	1
Cork	225	41.4	16
Kilkenny	39	39.3	3
Kerry	58	39.3	5
Wexford	50	33.4	5
Mayo	38	29.1	5
Unknown/Other*	9		
<b>Total</b>	<b>5,089</b>	<b>106.9</b>	<b>411</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 18/06/2021 up to midnight on 01/07/2021**

<b>Most likely transmission source</b>	<b>Number of cases</b>	<b>Percent</b>
Travel related	269	5.3
Close contact with a known confirmed case	2,933	57.6
Healthcare setting acquired: patient	5	0.1
Healthcare setting acquired: staff	8	0.2
Community transmission	1,183	23.2
Under investigation	691	13.6
<b>Total cases with known most likely transmission source</b>	<b>4,398</b>	<b>86.4</b>
<b>Total</b>	<b>5,089</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 18/06/2021 up to midnight on 01/07/2021**

<b>Date</b>	<b>Number of confirmed cases</b>
18/06/2021	390
19/06/2021	280
20/06/2021	267
21/06/2021	290
22/06/2021	341
23/06/2021	301
24/06/2021	375
25/06/2021	428
26/06/2021	361
27/06/2021	301
28/06/2021	343
29/06/2021	452
30/06/2021	448
01/07/2021	512
<b>Total</b>	<b>5,089</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 (18/06/2021 to 01/07/2021)**

