

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

Report prepared by HPSC on 23/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 09/06/2021 up to midnight on 22/06/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	4,485	
National incidence of confirmed cases per 100,000 population	94.2	
Number of cases in healthcare workers	111	2.5
Males	2,302	51.3
Females	2,173	48.5
M:F ratio	1.1	
Median age (years)	25	
Mean age (years)	28	
Age range (years)	0 - 100	

**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.

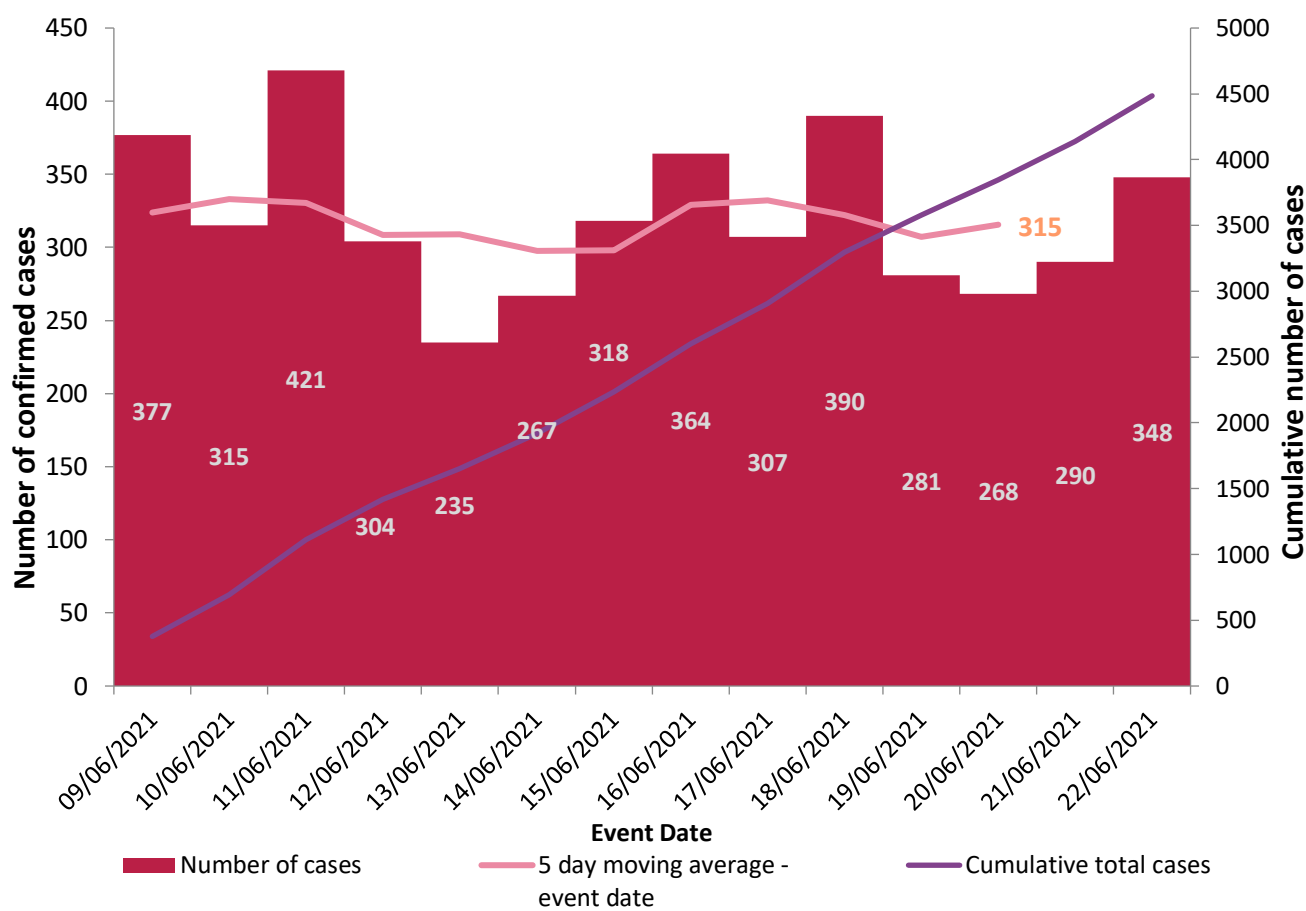
**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 09/06/2021 up to midnight on 22/06/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>4,485</b>	<b>100</b>
<b>Sex</b>	Male	2,302	51.3
	Female	2,173	48.5
	Unknown	10	0.2
<b>Age</b>	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0 - 100	
	0-4 yrs	263	5.9
	5-12 yrs	515	11.5
	13-18 yrs	369	8.2
	19-24 yrs	1019	22.7
	25-34 yrs	846	18.9
	35-44 yrs	777	17.3
	45-54 yrs	399	8.9
	55-64 yrs	192	4.3
	65-74 yrs	73	1.6
	75-84 yrs	22	0.5
	85+ yrs	10	0.2
	Total	4,485	

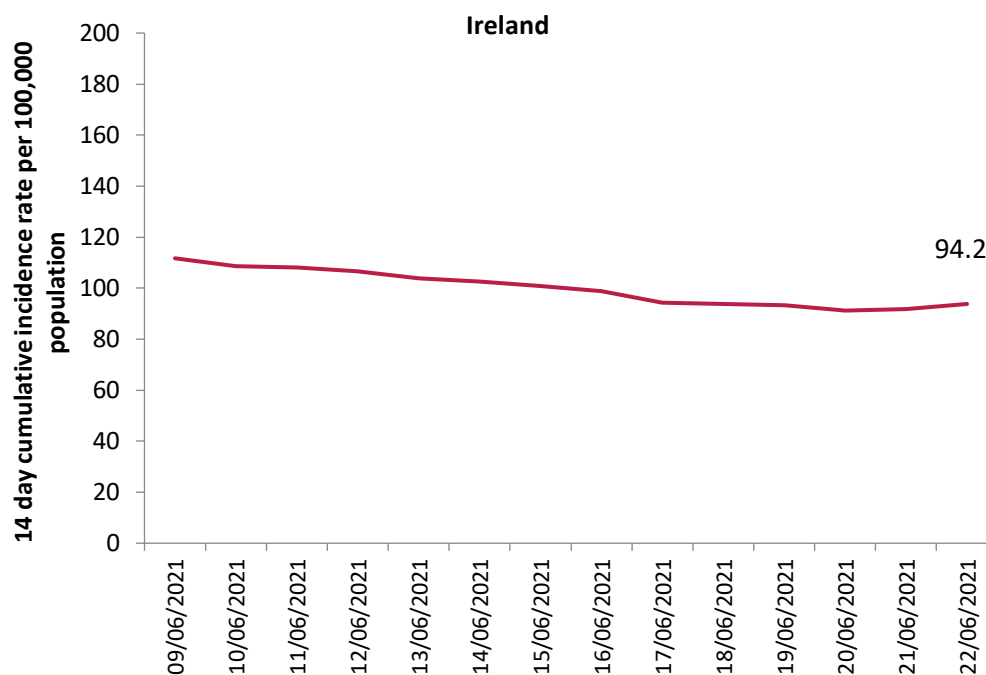
**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 09/06/2021 up to midnight on 22/06/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of cases</b>		<b>4,485</b>	<b>100</b>	
<b>Symptom status at time of test*</b>	Yes	2,787	62.1	70.5
	No	1,168	26.0	29.5
	Unknown	530	11.8	
	Total cases where known	<b>3,955</b>		
<b>Healthcare worker</b>	Yes	111	2.5	2.7
	No	4,014	89.5	97.3
	Unknown	360	8.0	
	Total cases where known	<b>4,125</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=4485)**



**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 09/06/2021 up to midnight on 22/06/2021**

\*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 09/06/2021 up to midnight on 22/06/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (18/06/2021 - 22/06/2021)
Limerick	503	258.1	23
Donegal	311	195.4	24
Westmeath	109	122.8	7
Dublin	1,482	110.0	117
Carlow	60	105.4	4
Roscommon	68	105.4	4
Galway	259	100.4	18
Waterford	113	97.3	12
Clare	109	91.7	8
Louth	117	90.8	11
Offaly	70	89.8	8
Kildare	181	81.3	14
Meath	156	80.0	9
Cork	395	72.8	18
Tipperary	115	72.1	7
Cavan	50	65.6	3
Laois	53	62.6	4
Sligo	41	62.6	7
Leitrim	16	49.9	2
Longford	18	44.0	1
Wicklow	61	42.8	3
Kilkenny	40	40.3	2
Wexford	50	33.4	2
Kerry	47	31.8	4
Monaghan	18	29.3	1
Mayo	29	22.2	1
Unknown	14		
<b>Total</b>	<b>4,485</b>	<b>94.2</b>	<b>315</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 09/06/2021 up to midnight on 22/06/2021**

Most likely transmission source	Number of cases	Percent
Travel related	223	5.0
Close contact with a known confirmed case	2,792	62.3
Healthcare setting acquired: patient	6	0.1
Healthcare setting acquired: staff	11	0.2
Community transmission	1,054	23.5
Under investigation	399	8.9
<b>Total cases with known most likely transmission source</b>	<b>4,086</b>	<b>91.1</b>
<b>Total</b>	<b>4,485</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 09/06/2021 up to midnight on 22/06/2021**

Date	Number of confirmed cases
09/06/2021	377
10/06/2021	315
11/06/2021	421
12/06/2021	304
13/06/2021	235
14/06/2021	267
15/06/2021	318
16/06/2021	364
17/06/2021	307
18/06/2021	390
19/06/2021	281
20/06/2021	268
21/06/2021	290
22/06/2021	348
<b>Total</b>	<b>4,485</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 (09/06/2021 to 22/06/2021)**

