

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

Report prepared by HPSC on 04/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 21/07/2021 up to midnight on 03/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	17,620	
National incidence of confirmed cases per 100,000 population	370.0	
Number of cases in healthcare workers	476	2.7
Males	9,153	51.9
Females	8,437	47.9
M:F ratio	1.1	
Median age (years)	23	
Mean age (years)	27	
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.

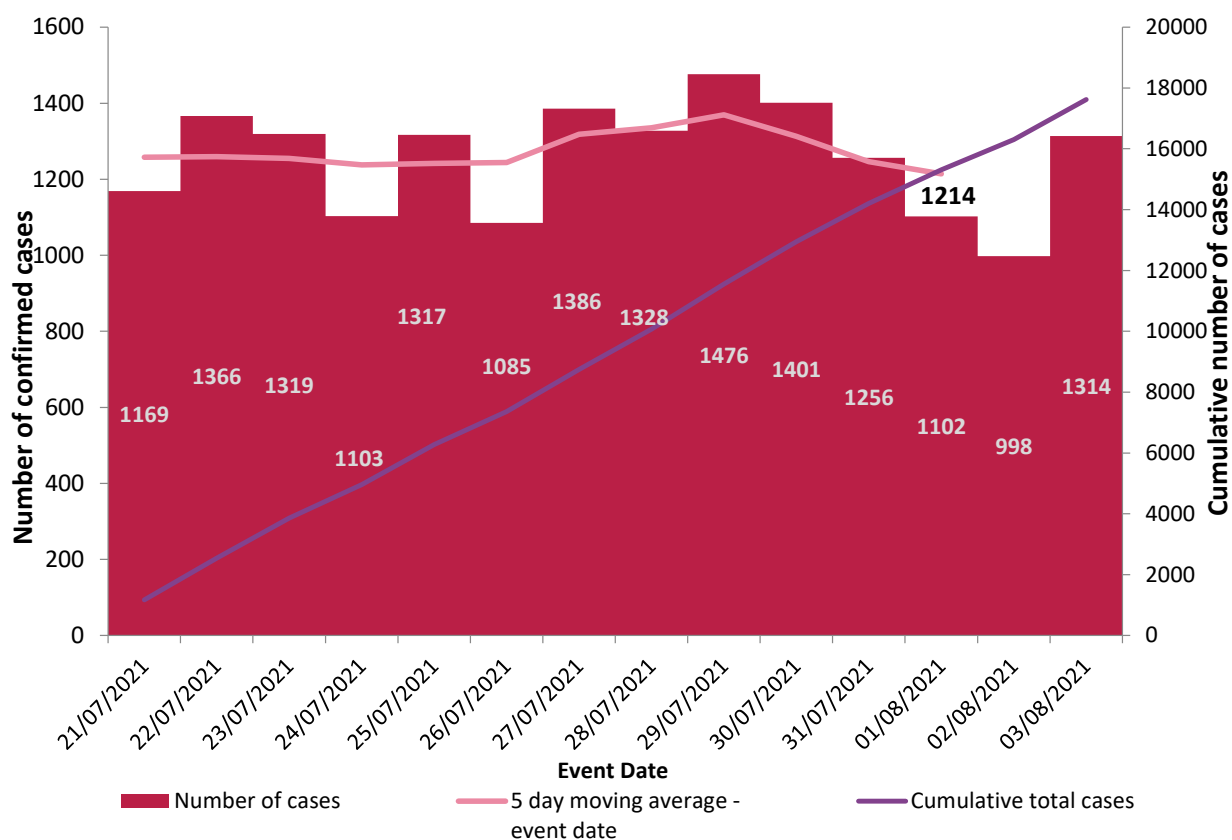
**Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 21/07/2021 up to midnight on 03/08/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>17,620</b>	<b>100</b>
<b>Sex</b>	Male	9,153	51.9
	Female	8,437	47.9
	Unknown	30	0.2
<b>Age</b>	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	771	4.4
	5-12 yrs	1250	7.1
	13-18 yrs	2978	16.9
	19-24 yrs	4500	25.5
	25-34 yrs	3784	21.5
	35-44 yrs	1867	10.6
	45-54 yrs	1142	6.5
	55-64 yrs	807	4.6
	65-74 yrs	342	1.9
	75-84 yrs	131	0.7
	85+ yrs	48	0.3
	Total	17,620	

**Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 21/07/2021 up to midnight on 03/08/2021**

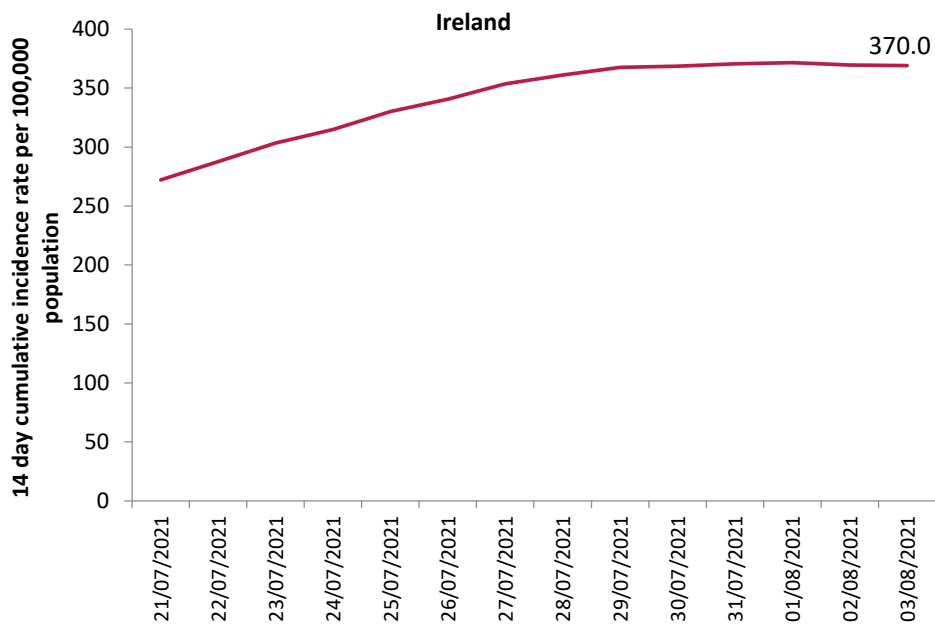
Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		<b>17,620</b>	<b>100</b>	
<b>Symptom status at time of test*</b>	Yes	12,575	71.4	80.3
	No	3,088	17.5	19.7
	Unknown	1,957	11.1	
	Total cases where known	<b>15,663</b>		
<b>Healthcare worker</b>	Yes	476	2.7	3.0
	No	15,373	87.2	97.0
	Unknown	1771	10.1	
	Total cases where known	<b>15,849</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=17620)**

**\*Following data validation, the daily case numbers over the bank holiday weekend have been updated\***



**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 21/07/2021 up to midnight on 03/08/2021**

\*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 21/07/2021 up to midnight on 03/08/2021 7 day numbers are reported from 28/07/2021 up to midnight on 03/08/2021**

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 (30/07/2021 - 03/08/2021)
Donegal	568	356.8	1267	795.9	44.83	72
Louth	376	291.7	781	606.0	48.14	52
Mayo	379	290.4	653	500.4	58.04	51
Galway	725	280.9	1365	529.0	53.11	93
Sligo	144	219.7	292	445.6	49.32	19
Dublin	2,837	210.6	5513	409.2	51.46	388
Monaghan	129	210.1	304	495.2	42.43	17
Kerry	304	205.8	534	361.5	56.93	45
Roscommon	131	203.0	241	373.4	54.36	19
Cavan	152	199.5	255	334.8	59.61	23
Limerick	366	187.8	701	359.7	52.21	48
Meath	349	178.9	735	376.8	47.48	47
Wicklow	245	172.0	508	356.7	48.23	36
Laois	143	168.8	372	439.2	38.44	19
Westmeath	125	140.8	246	277.1	50.81	17
Leitrim	44	137.3	130	405.7	33.85	6
Cork	735	135.4	1410	259.7	52.13	108
Kildare	265	119.1	563	253.0	47.07	37
Longford	48	117.4	110	269.1	43.64	6
Tipperary	187	117.2	381	238.8	49.08	24
Kilkenny	115	115.9	193	194.5	59.59	17
Clare	131	110.3	222	186.8	59.01	19
Wexford	162	108.2	311	207.7	52.09	21
Carlow	45	79.0	115	202.0	39.13	6
Waterford	86	74.0	220	189.4	39.09	13
Offaly	57	73.1	152	195.0	37.50	8
Unknown	27		46			
<b>Total</b>	<b>8,875</b>	<b>186.4</b>	<b>17,620</b>	<b>370.0</b>	<b>50.37</b>	<b>1214</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 21/07/2021 up to midnight on 03/08/2021**

Most likely transmission source	Number of cases	Percent
Travel related	752	4.3
Close contact with a known confirmed case	8,612	48.9
Healthcare setting acquired: patient	37	0.2
Healthcare setting acquired: staff	39	0.2
Community transmission	5,731	32.5
Under investigation	2,449	13.9
<b>Total cases with known most likely transmission source</b>	<b>15,171</b>	<b>86.1</b>
<b>Total</b>	<b>17,620</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 21/07/2021 up to midnight on 03/08/2021**

Date	Number of confirmed cases
21/07/2021	1169
22/07/2021	1366
23/07/2021	1319
24/07/2021	1103
25/07/2021	1317
26/07/2021	1085
27/07/2021	1386
28/07/2021	1328
29/07/2021	1476
30/07/2021	1401
31/07/2021	1256
01/08/2021	1102
02/08/2021	998
03/08/2021	1314
<b>Total</b>	<b>17,620</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 (21/07/2021 to 03/08/2021)**

