



## Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 19/10/2021

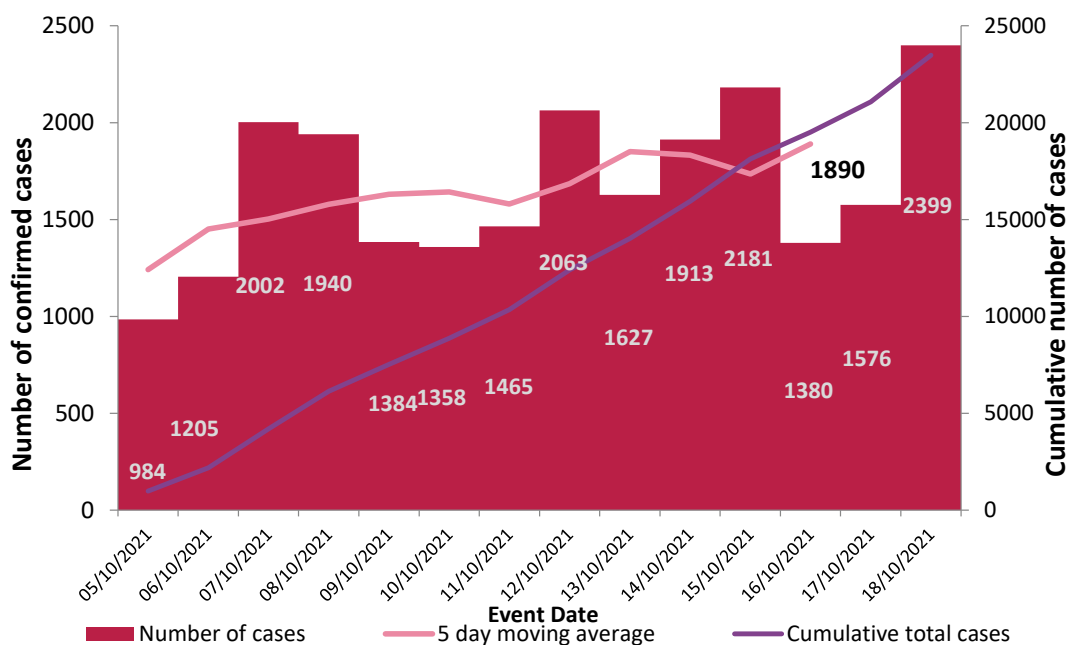
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 05/10/2021 up to midnight on 18/10/2021

	Number	Percent
Total number of confirmed cases	23,477	
National incidence of confirmed cases per 100,000 population	493.0	
Number of cases hospitalised*	538	2.29
Number of cases admitted to ICU*	25	0.11
Males	11,449	48.8
Females	11,981	51.0
M:F ratio	0.96	
Median age (years)	36	
Mean age (years)	37	
Age range (years)	0-100	

Note: This report will not include data on enhanced surveillance information such as most likely source of transmission and travel. These will now be reported on a weekly basis.

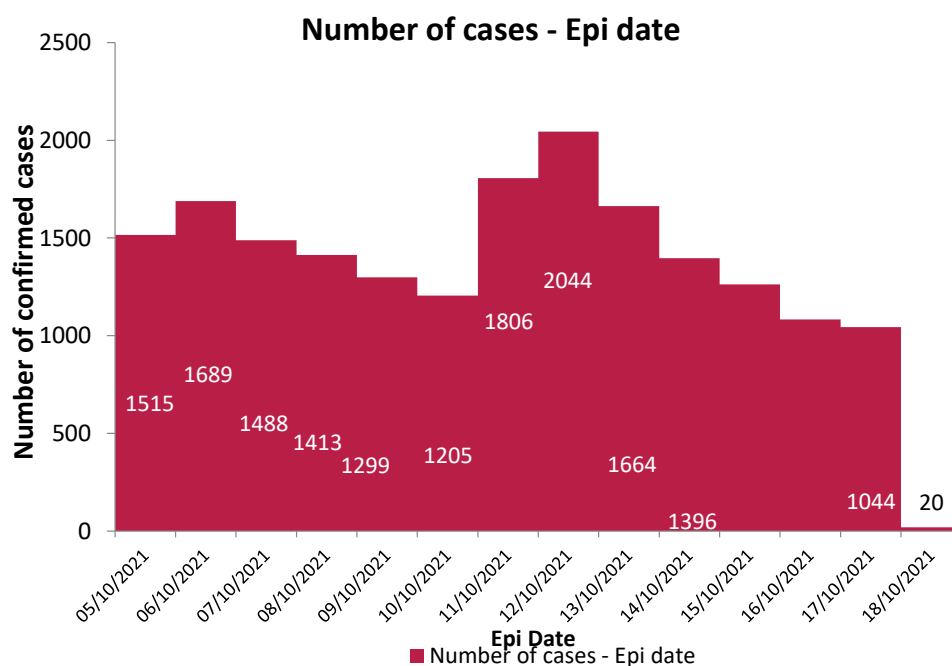
\* The number of cases hospitalised and admitted to ICU described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 19/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**



**Figure 1a. Daily number\* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=23477)**

\*Notifications of COVID-19 cases on CIDR may not correspond to the date of laboratory diagnosis. Notifications may be reduced at weekends. Cases diagnosed at weekends may be reflected in notifications early the following week

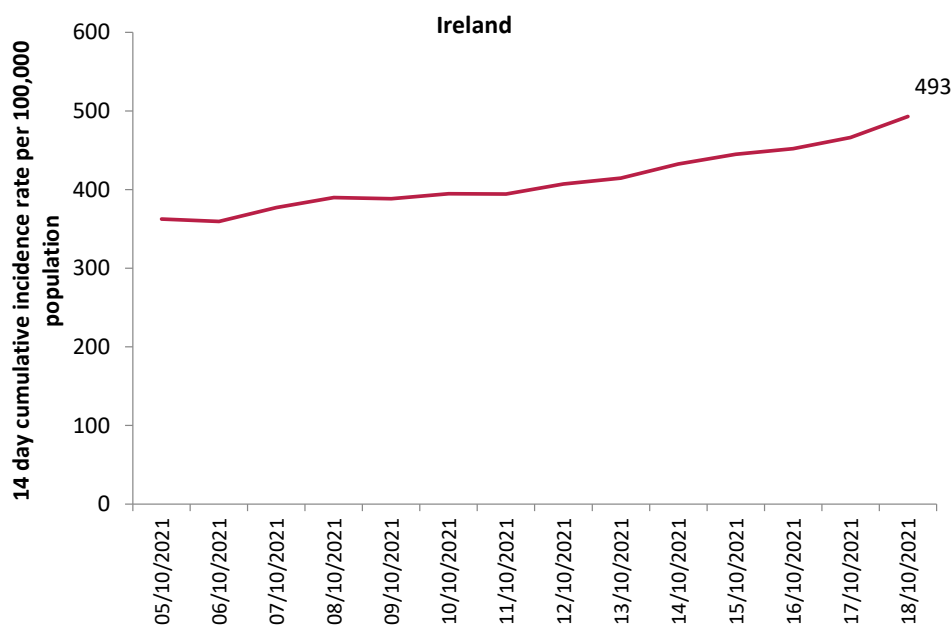


**Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date\***

\*Epidemiological date is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR.

**Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 05/10/2021 up to midnight on 18/10/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		23,477	100
<b>Sex</b>	Male	11,449	48.8
	Female	11,981	51.0
	Unknown	47	0.2
<b>Age</b>	Median age (years)	36	
	Mean age (years)	37	
	Age range (years)	0-100	
	0-4 yrs	1154	4.9
	5-12 yrs	3403	14.5
	13-18 yrs	1389	5.9
	19-24 yrs	2122	9.0
	25-34 yrs	3131	13.3
	35-44 yrs	3872	16.5
	45-54 yrs	2986	12.7
	55-64 yrs	2446	10.4
	65-74 yrs	1773	7.6
	75-84 yrs	810	3.5
	85+ yrs	388	1.7
	Unknown	3	
	Total	23,477	

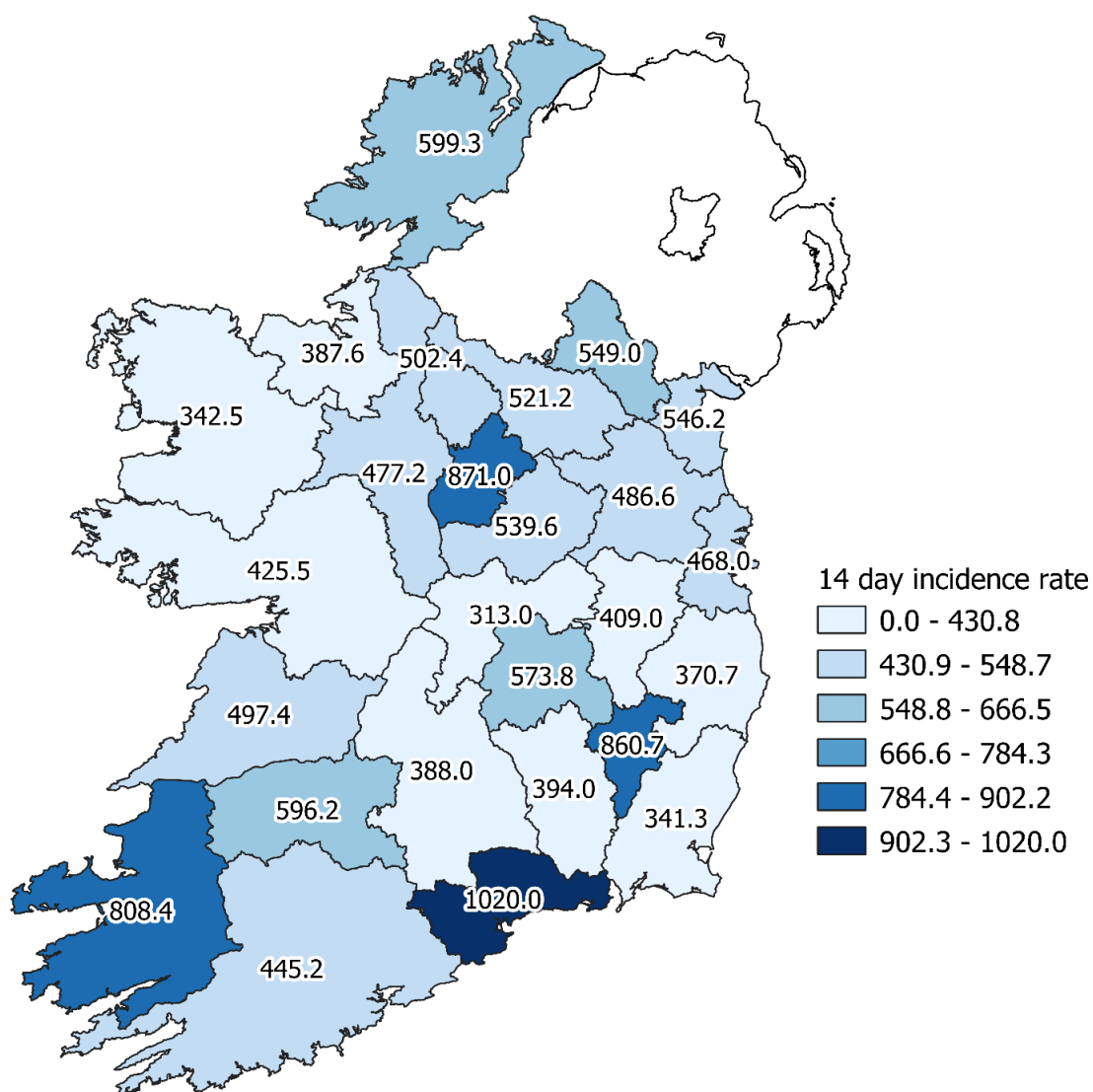


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 05/10/2021 up to midnight on 18/10/2021**

\*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

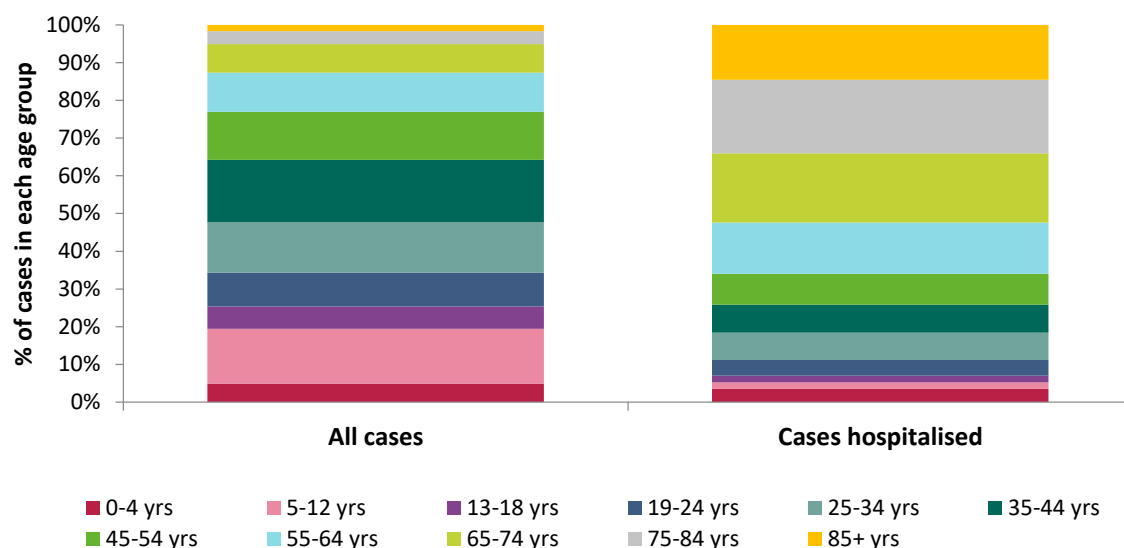
**Table 2: Number of confirmed COVID-19 cases by county notified in Ireland from 05/10/2021 up to midnight on 18/10/2021, 7 day numbers are reported from 12/10/2021 up to midnight on 18/10/2021**

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 (14/10/2021 - 18/10/2021)
Waterford	715	615.4	1185	1020.0	60.34	119
Longford	233	570.1	356	871.0	65.45	33
Carlow	290	509.4	490	860.7	59.18	44
Kerry	699	473.2	1194	808.4	58.54	102
Westmeath	300	338.0	479	539.6	62.63	45
Laois	282	333.0	486	573.8	58.02	39
Leitrim	106	330.8	161	502.4	65.84	15
Donegal	523	328.5	954	599.3	54.82	65
Limerick	628	322.2	1162	596.2	54.04	93
Clare	375	315.6	591	497.4	63.45	56
Roscommon	200	309.9	308	477.2	64.94	31
Louth	393	304.9	704	546.2	55.82	57
Meath	555	284.6	949	486.6	58.48	86
Cavan	214	280.9	397	521.2	53.90	30
Monaghan	161	262.3	337	549.0	47.77	20
Dublin	3,474	257.8	6305	468.0	55.10	476
Cork	1,293	238.2	2417	445.2	53.50	184
Kildare	504	226.5	910	409.0	55.38	66
Tipperary	349	218.7	619	388.0	56.38	55
Galway	560	217.0	1098	425.5	51.00	77
Sligo	134	204.5	254	387.6	52.76	19
Wicklow	290	203.6	528	370.7	54.92	46
Kilkenny	202	203.6	391	394.0	51.66	31
Wexford	283	189.0	511	341.3	55.38	44
Offaly	142	182.1	244	313.0	58.20	21
Mayo	234	179.3	447	342.5	52.35	35
Unknown/Other						
<b>Total</b>	<b>13,139</b>	<b>275.9</b>	<b>23477</b>	<b>493.0</b>	<b>55.97</b>	<b>1890</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 05/10/2021 up to midnight on 18/10/2021**

*Please do not directly compare county shades to previous maps. The categories listed will change as the number of cases change, which may result in changes to the map shading.*



**Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 05/10/2021 up to midnight on 18/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU\***

**Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 05/10/2021 up to midnight on 18/10/2021, by age group, hospitalisation and ICU admission\***

Age Group (years)	Number of cases (n)	Number of cases (%)	Cases hospitalised (n)	Cases hospitalised (%)	Cases admitted to ICU (n)	Cases admitted to ICU (%)
0-4 yrs	1154	4.9	19	3.5	<5	-
5-12 yrs	3403	14.5	9	1.7	<5	-
13-18 yrs	1389	5.9	10	1.9	0	0.0
19-24 yrs	2122	9.0	22	4.1	0	0.0
25-34 yrs	3131	13.3	39	7.2	<5	-
35-44 yrs	3872	16.5	40	7.4	<5	-
45-54 yrs	2986	12.7	44	8.2	<5	-
55-64 yrs	2446	10.4	73	13.6	<5	-
65-74 yrs	1773	7.6	99	18.4	6	24.0
75-84 yrs	810	3.5	105	19.5	6	24.0
85+ yrs	388	1.7	78	14.5	0	0.0
Unknown	3	0.0	0	0.0	0	0.0
<b>Total</b>	<b>23477</b>	<b>100</b>	<b>538</b>	<b>100</b>	<b>25</b>	<b>100</b>

\* The number of cases hospitalised and admitted to ICU described in the above table and figure relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

**Table 4: Daily number of confirmed COVID-19 cases notified in Ireland from 05/10/2021 up to midnight on 18/10/2021**

Date	Number of confirmed cases
05/10/2021	984
06/10/2021	1205
07/10/2021	2002
08/10/2021	1940
09/10/2021	1384
10/10/2021	1358
11/10/2021	1465
12/10/2021	2063
13/10/2021	1627
14/10/2021	1913
15/10/2021	2181
16/10/2021	1380
17/10/2021	1576
18/10/2021	2399
<b>Total</b>	<b>23,477</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 statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

### 2. 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.

### 3. Epidemiological date

The epi-date is the epidemiological date for a case. It is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR. By using this date rather than event creation/ notification date, adjusts for any delays in testing/notification.

## Appendix 1

**Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (05/10/2021 to 18/10/2021)**



