



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

Report prepared by HPSC on 24/09/2021

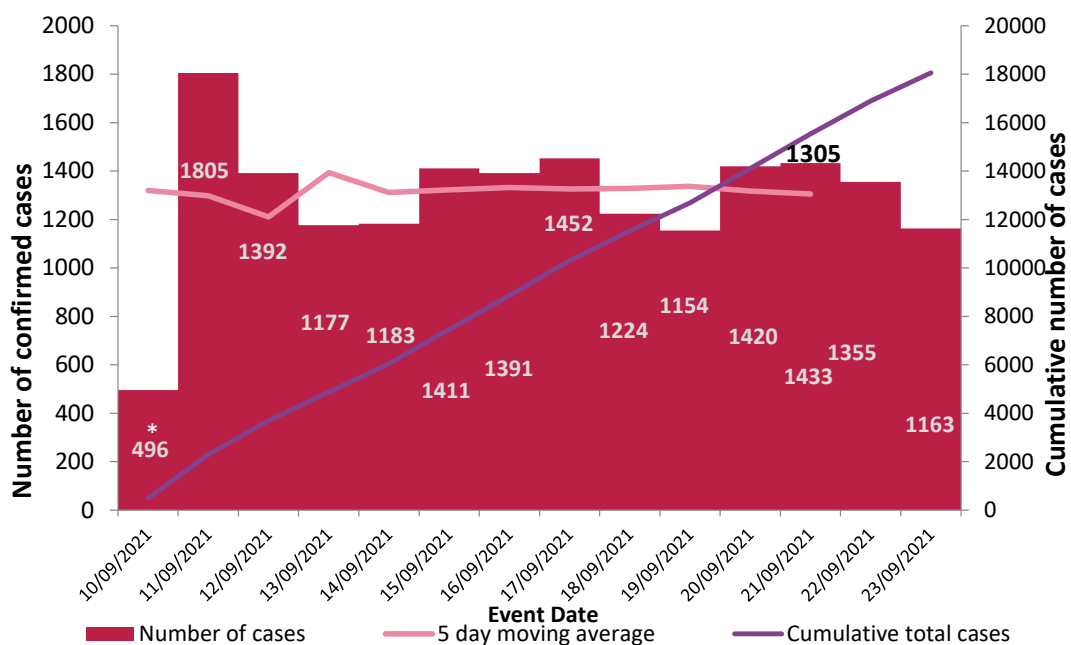
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 10/09/2021 up to midnight on 23/09/2021

	Number	Percent
Total number of confirmed cases	18,056	
National incidence of confirmed cases per 100,000 population	379.2	
Number of cases hospitalised*	294	1.63
Number of cases admitted to ICU*	23	0.13
Males	8,927	49.4
Females	9,100	50.4
M:F ratio	0.98	
Median age (years)	26	
Mean age (years)	30	
Age range (years)	0-103	

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.

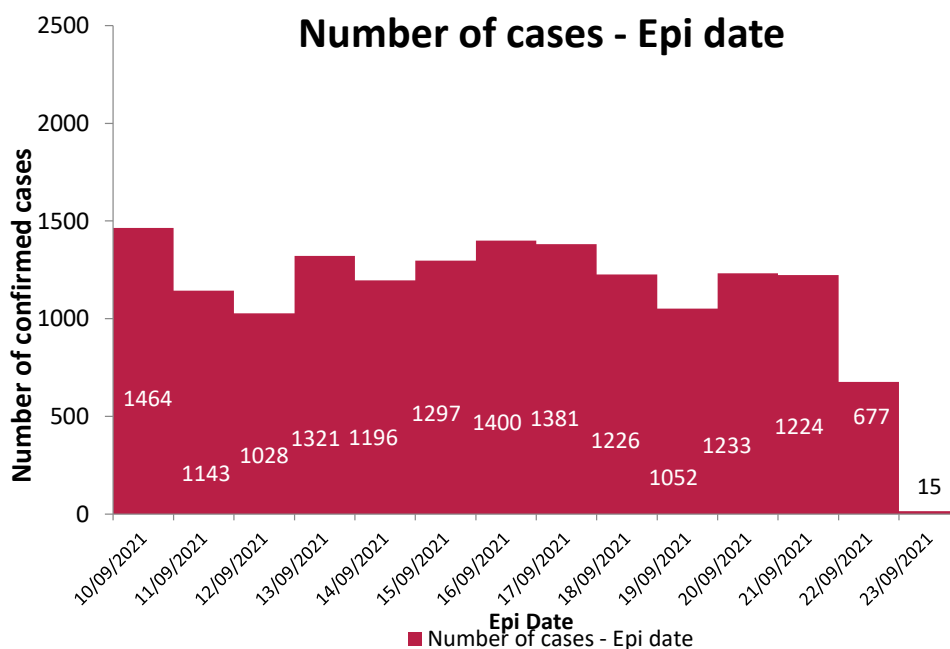
\* The number of cases hospitalised and admitted to ICU described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which 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 24/09/2021 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=18056)**

\* Due to an IT issue causing a delay in reporting, the number of COVID-19 cases notified on the 10/09/2021 is reduced, the case numbers in the days following (11-13<sup>th</sup> Sept) are inflated, when data are presented by notification date. Due to this IT issue, daily case numbers reported over the weekend were reported from CCT data.

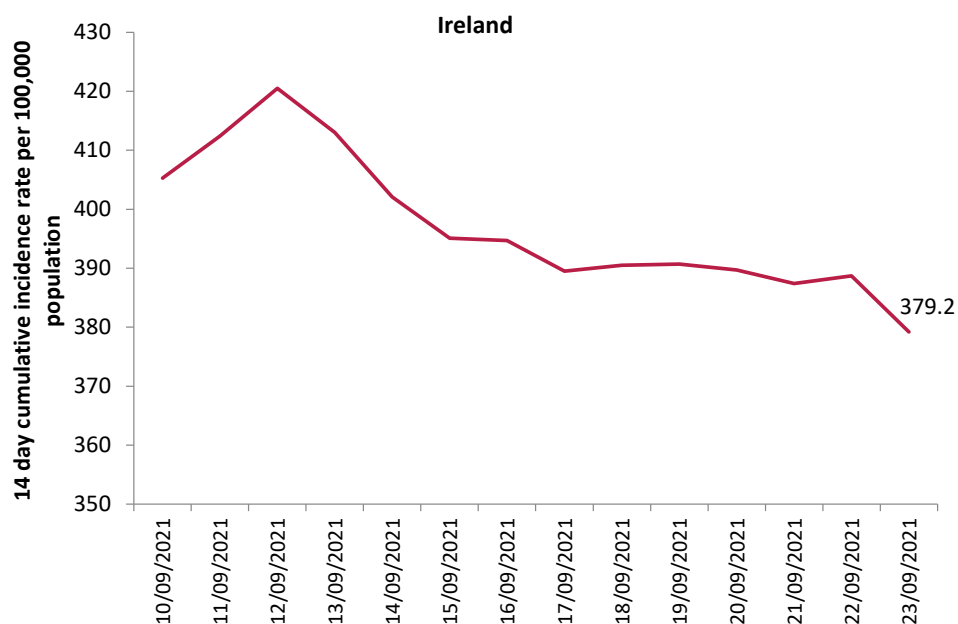


**Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date\***

\*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 10/09/2021 up to midnight on 23/09/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		18,056	<b>100</b>
<b>Sex</b>	Male	8,927	49.4
	Female	9,100	50.4
	Unknown	29	0.2
<b>Age</b>	Median age (years)	26	
	Mean age (years)	30	
	Age range (years)	0-103	
	0-4 yrs	1249	6.9
	5-12 yrs	4069	22.5
	13-18 yrs	1640	9.1
	19-24 yrs	1728	9.6
	25-34 yrs	2357	13.1
	35-44 yrs	2661	14.7
	45-54 yrs	1884	10.4
	55-64 yrs	1122	6.2
	65-74 yrs	720	4.0
	75-84 yrs	411	2.3
	85+ yrs	211	1.2
	Unknown	4	
	Total	18,056	

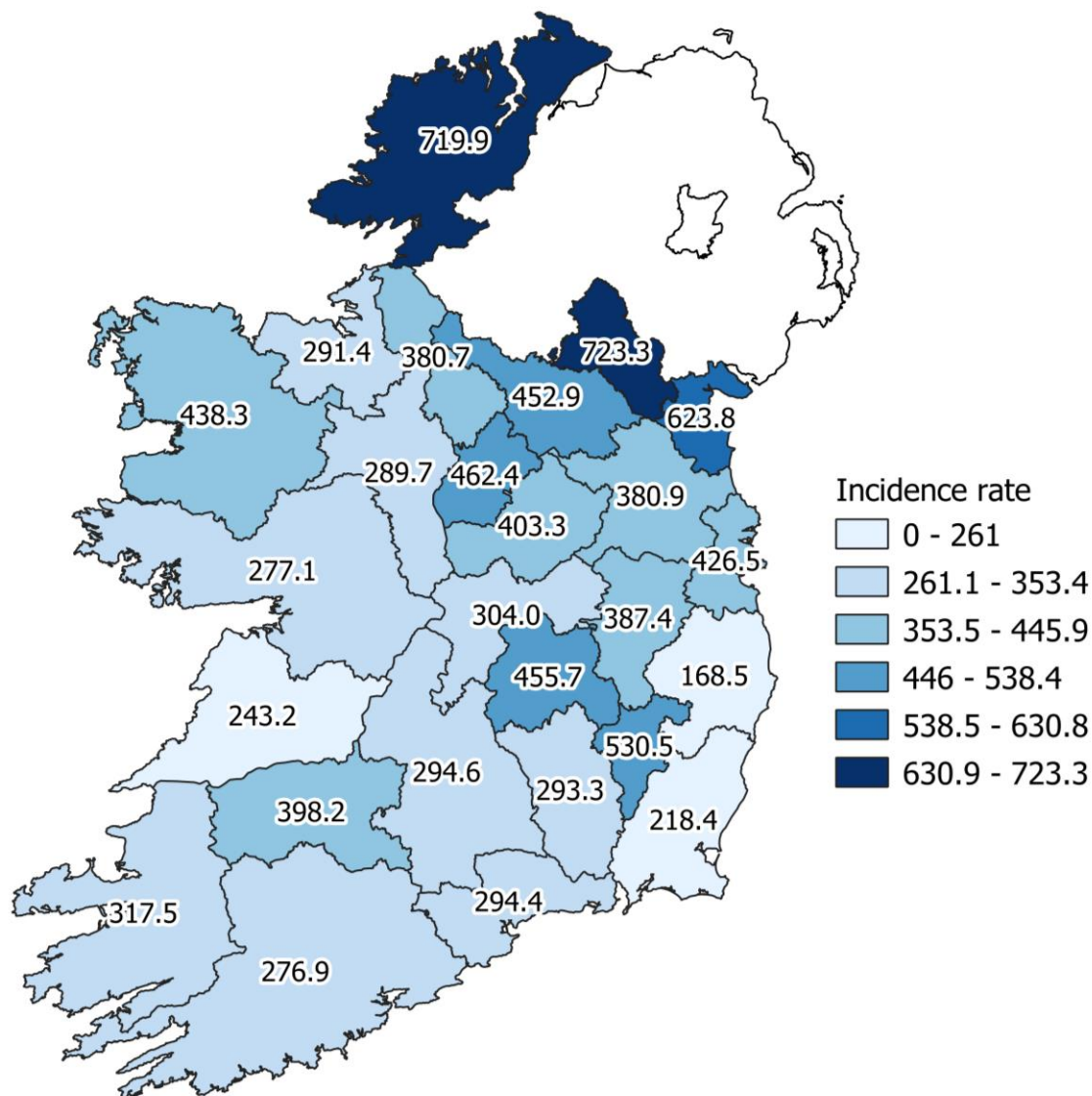


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 10/09/2021 up to midnight on 23/09/2021**

\*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

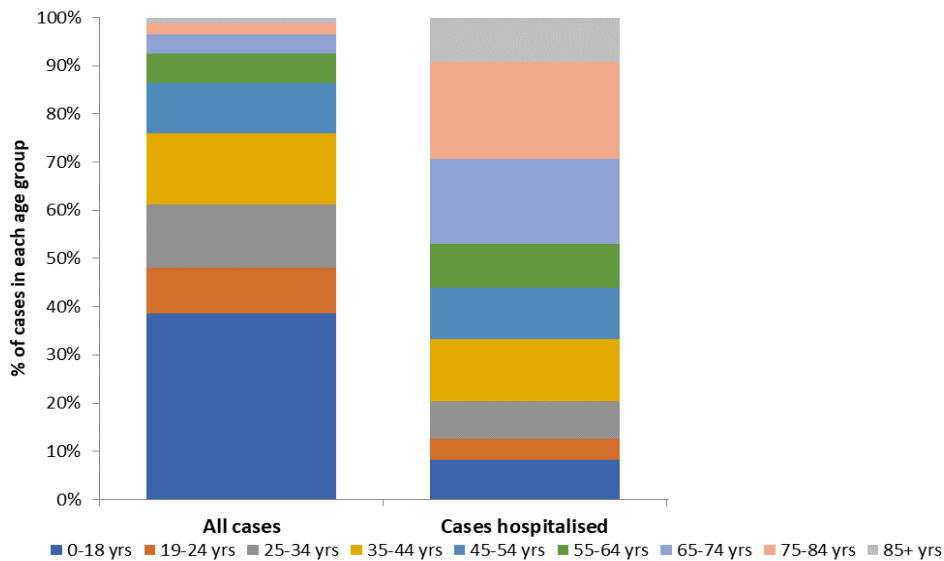
**Table 2: Number of confirmed COVID-19 cases by county notified in Ireland from 10/09/2021 up to midnight on 23/09/2021, 7 day numbers are reported from 17/09/2021 up to midnight on 23/09/2021**

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 (19/09/2021 - 23/09/2021)
Donegal	562	353.0	1146	719.9	49.04	75
Carlow	166	291.6	302	530.5	54.97	26
Louth	373	289.4	804	623.8	46.39	44
Monaghan	156	254.1	444	723.3	35.14	24
Mayo	323	247.5	572	438.3	56.47	48
Longford	101	247.1	189	462.4	53.44	13
Cavan	178	233.7	345	452.9	51.59	26
Dublin	3,087	229.1	5746	426.5	53.72	449
Westmeath	203	228.7	358	403.3	56.70	28
Laois	183	216.1	386	455.7	47.41	26
Kildare	450	202.2	862	387.4	52.20	67
Limerick	390	200.1	776	398.2	50.26	61
Leitrim	61	190.4	122	380.7	50.00	10
Meath	360	184.6	743	380.9	48.45	46
Kerry	235	159.1	469	317.5	50.11	32
Waterford	183	157.5	342	294.4	53.51	29
Tipperary	250	156.7	470	294.6	53.19	34
Sligo	96	146.5	191	291.4	50.26	14
Galway	372	144.2	715	277.1	52.03	55
Cork	767	141.3	1,503	276.9	51.03	102
Clare	151	127.1	289	243.2	52.25	19
Offaly	99	127.0	237	304.0	41.77	15
Kilkenny	122	122.9	291	293.3	41.92	18
Roscommon	72	111.6	187	289.7	38.50	10
Wicklow	129	90.6	240	168.5	53.75	18
Wexford	132	88.2	327	218.4	40.37	16
Unknown/Other						
<b>Total</b>	<b>9,201</b>	<b>193.2</b>	<b>18056</b>	<b>379.2</b>	<b>50.96</b>	<b>1305</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 10/09/2021 up to midnight on 23/09/2021**

*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 10/09/2021 up to midnight on 23/09/2021, 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 10/09/2021 up to midnight on 23/09/2021, 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 (%)
0-18 yrs	6958	38.5	24	8.2	<5	-
19-24 yrs	1728	9.6	13	4.4	<5	-
25-34 yrs	2357	13.1	23	7.8	<5	-
35-44 yrs	2661	14.7	38	12.9	<5	-
45-54 yrs	1884	10.4	31	10.5	<5	-
55-64 yrs	1122	6.2	27	9.2	<5	-
65-74 yrs	720	4.0	52	17.7	6	26.1
75-84 yrs	411	2.3	59	20.1	<5	-
85+ yrs	211	1.2	27	9.2	<5	-
Unknown	4	0.0	0	0.0	0	0.0
<b>Total</b>	<b>18056</b>	<b>100</b>	<b>294</b>	<b>100</b>	<b>23</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 10/09/2021 up to midnight on 23/09/2021**

Date	Number of confirmed cases
10/09/2021	496 *
11/09/2021	1805
12/09/2021	1392
13/09/2021	1177
14/09/2021	1183
15/09/2021	1411
16/09/2021	1391
17/09/2021	1452
18/09/2021	1224
19/09/2021	1154
20/09/2021	1420
21/09/2021	1433
22/09/2021	1355
23/09/2021	1163
<b>Total</b>	<b>18,056</b>

\* Due to an IT issue causing a delay in reporting, the number of COVID-19 cases notified on the 10/09/2021 is reduced, the case numbers in the days following (11-13th Sept) are inflated, when data are presented by notification date. Due to this IT issue, daily case numbers reported over the weekend were reported from CCT data.

## **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 (10/09/2021 to 23/09/2021)**

