



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

Report prepared by HPSC on 29/09/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 15/09/2021 up to midnight on 28/09/2021

	Number	Percent
Total number of confirmed cases	18,791	
National incidence of confirmed cases per 100,000 population	394.6	
Number of cases hospitalised*	305	1.62
Number of cases admitted to ICU*	15	0.08
Males	9,305	49.5
Females	9,452	50.3
M:F ratio	0.98	
Median age (years)	28	
Mean age (years)	31	
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 29/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**

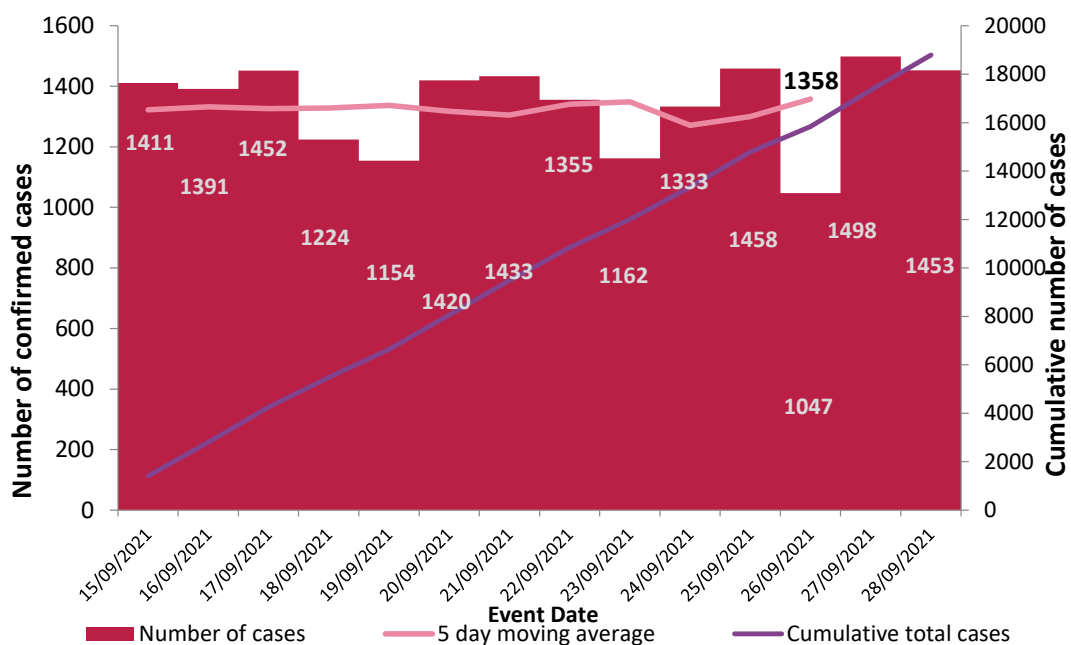


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18791)

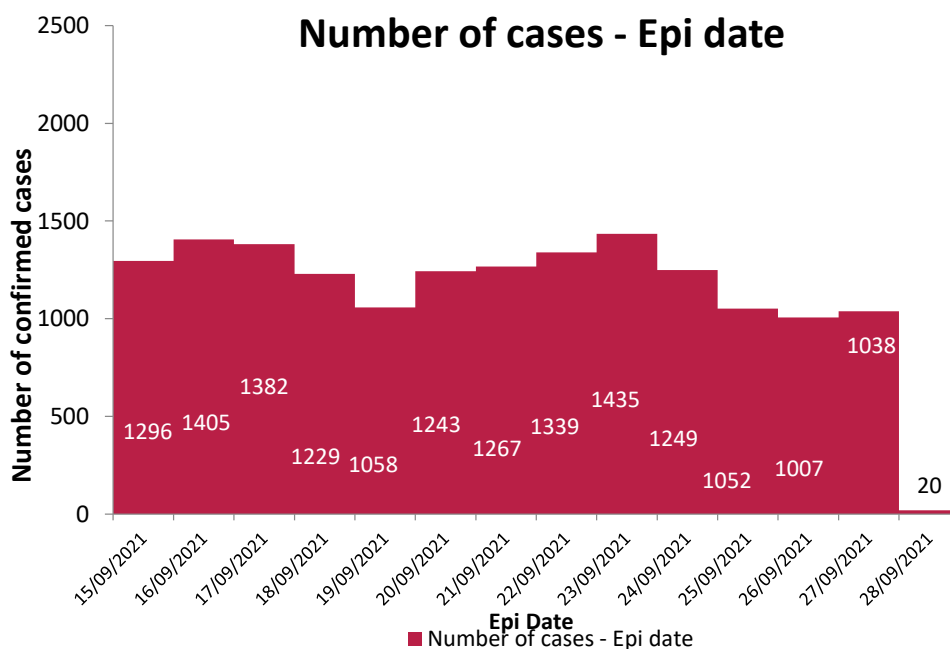
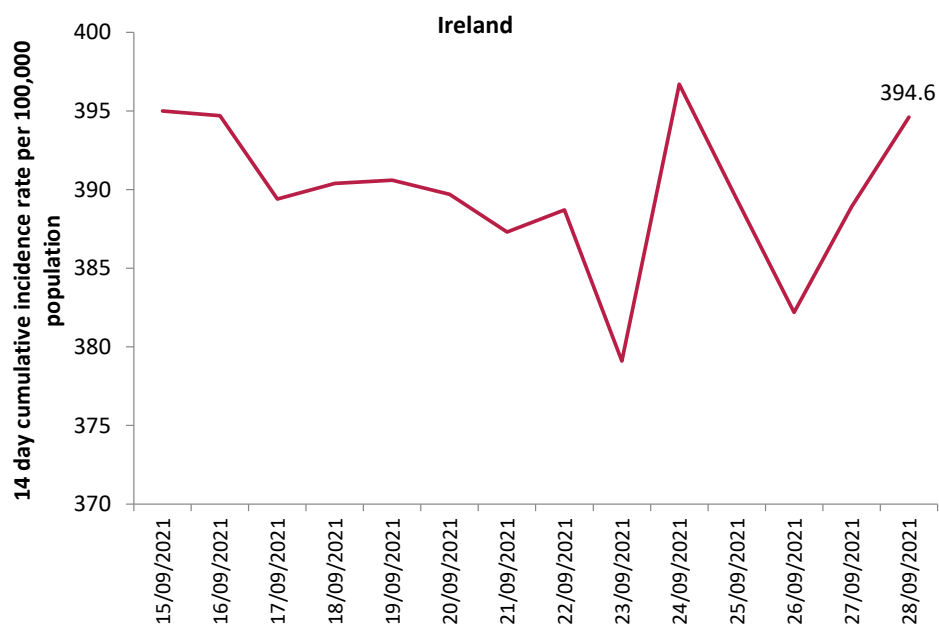


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date\*

\*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 15/09/2021 up to midnight on 28/09/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		18,791	100
<b>Sex</b>	Male	9,305	49.5
	Female	9,452	50.3
	Unknown	34	0.2
<b>Age</b>	Median age (years)	28	
	Mean age (years)	31	
	Age range (years)	0-103	
	0-4 yrs	1198	6.4
	5-12 yrs	3830	20.4
	13-18 yrs	1611	8.6
	19-24 yrs	1830	9.7
	25-34 yrs	2521	13.4
	35-44 yrs	2893	15.4
	45-54 yrs	2013	10.7
	55-64 yrs	1353	7.2
	65-74 yrs	843	4.5
	75-84 yrs	455	2.4
	85+ yrs	239	1.3
	Unknown	5	
	Total	18,791	

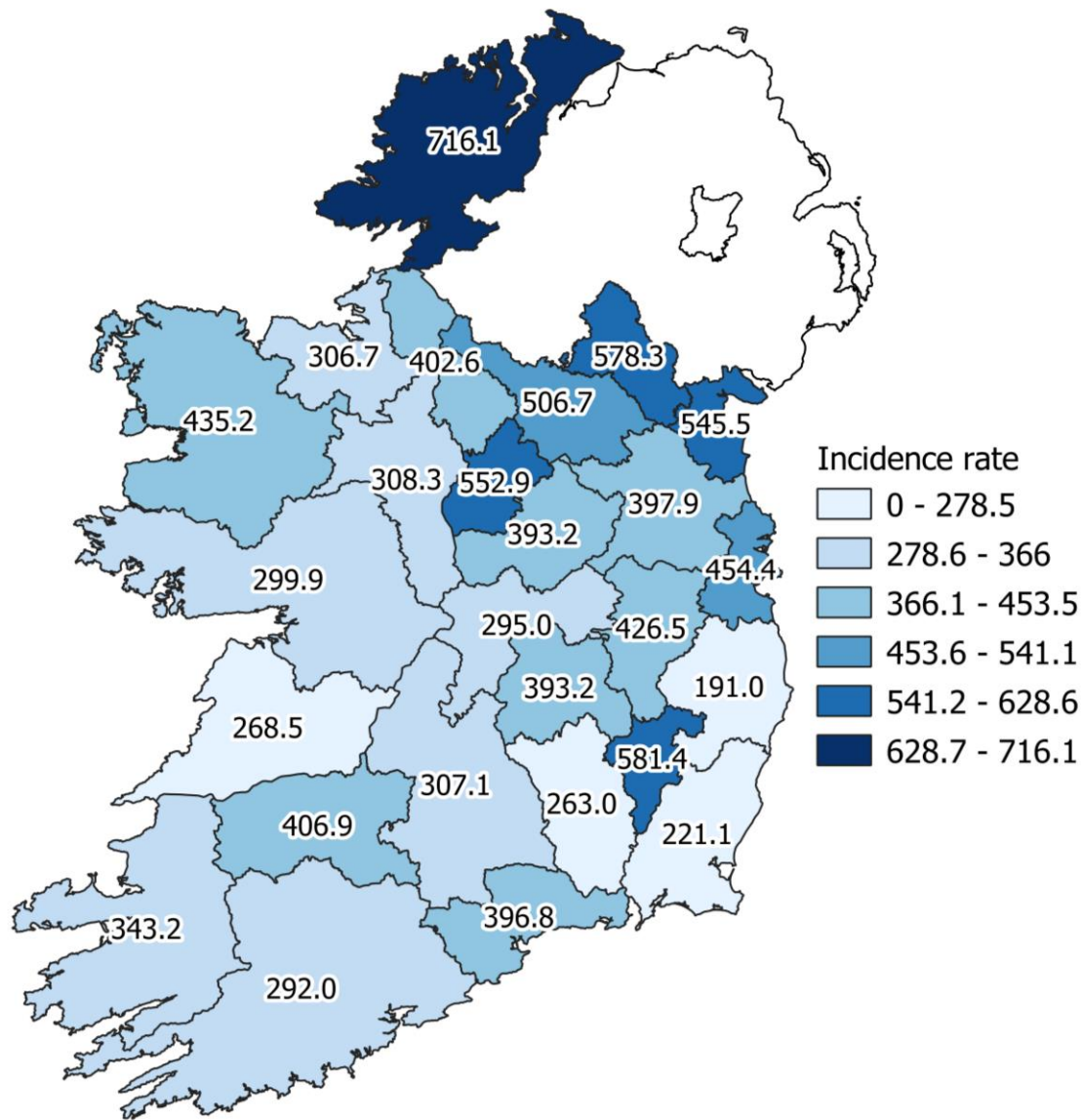


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 15/09/2021 up to midnight on 28/09/2021**

\*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

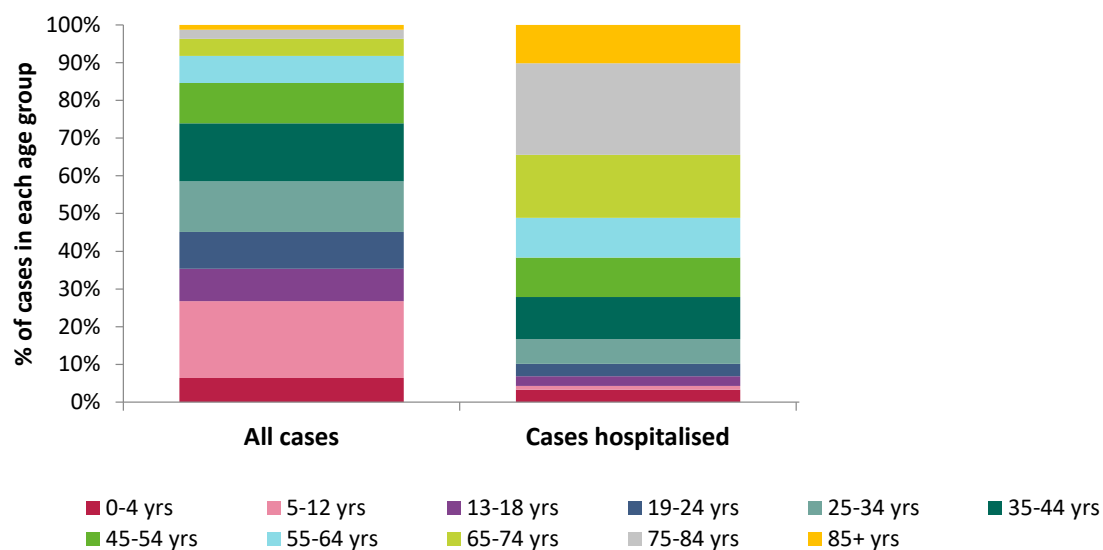
**Table 2: Number of confirmed COVID-19 cases by county notified in Ireland from 15/09/2021 up to midnight on 28/09/2021, 7 day numbers are reported from 22/09/2021 up to midnight on 28/09/2021**

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 (24/09/2021 - 28/09/2021)
Carlow	182	319.7	331	581.4	54.98	29
Donegal	501	314.7	1140	716.1	43.95	72
Longford	126	308.3	226	552.9	55.75	20
Waterford	307	264.3	461	396.8	66.59	46
Cavan	196	257.3	386	506.7	50.78	27
Leitrim	78	243.4	129	402.6	60.47	11
Monaghan	142	231.3	355	578.3	40.00	21
Dublin	3,038	225.5	6123	454.4	49.62	445
Louth	289	224.2	703	545.5	41.11	47
Limerick	416	213.4	793	406.9	52.46	59
Kildare	464	208.5	949	426.5	48.89	67
Mayo	259	198.5	568	435.2	45.60	29
Kerry	276	186.9	507	343.2	54.44	39
Meath	350	179.4	776	397.9	45.10	52
Sligo	114	174.0	201	306.7	56.72	15
Roscommon	112	173.5	199	308.3	56.28	18
Galway	434	168.2	774	299.9	56.07	64
Laois	133	157.0	333	393.2	39.94	16
Tipperary	246	154.2	490	307.1	50.20	34
Westmeath	136	153.2	349	393.2	38.97	19
Cork	796	146.6	1585	292.0	50.22	118
Clare	169	142.2	319	268.5	52.98	27
Offaly	107	137.2	230	295.0	46.52	16
Kilkenny	125	126.0	261	263.0	47.89	16
Wexford	167	111.5	331	221.1	50.45	27
Wicklow	143	100.4	272	191.0	52.57	22
Unknown/Other						
<b>Total</b>	<b>9,306</b>	<b>195.4</b>	<b>18791</b>	<b>394.6</b>	<b>49.52</b>	<b>1358</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 15/09/2021 up to midnight on 28/09/2021**

*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 15/09/2021 up to midnight on 28/09/2021, 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 15/09/2021 up to midnight on 28/09/2021, 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 (%)
0-4 yrs	1198	6.4	10	3.3	<5	-
5-12 yrs	3830	20.4	3	1.0	<5	-
13-18 yrs	1611	8.6	8	2.6	<5	-
19-24 yrs	1830	9.7	10	3.3	<5	-
25-34 yrs	2521	13.4	20	6.6	<5	-
35-44 yrs	2893	15.4	34	11.1	<5	-
45-54 yrs	2013	10.7	32	10.5	<5	-
55-64 yrs	1353	7.2	32	10.5	<5	-
65-74 yrs	843	4.5	51	16.7	<5	-
75-84 yrs	455	2.4	74	24.3	<5	-
85+ yrs	239	1.3	31	10.2	<5	-
Unknown	5	0.0	0	0.0	0	0.0
<b>Total</b>	<b>18791</b>	<b>100</b>	<b>305</b>	<b>100</b>	<b>15</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 15/09/2021 up to midnight on 28/09/2021**

Date	Number of confirmed cases
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	1162
24/09/2021	1333
25/09/2021	1458
26/09/2021	1047
27/09/2021	1498
28/09/2021	1453
<b>Total</b>	<b>18,791</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 (15/09/2021 to 28/09/2021)**

