



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 12/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 28/09/2021 up to midnight on 11/10/2021

	Number	Percent
Total number of confirmed cases	18,771	
National incidence of confirmed cases per 100,000 population	394.2	
Number of cases hospitalised*	428	2.28
Number of cases admitted to ICU*	24	0.13
Males	9,122	48.6
Females	9,628	51.3
M:F ratio	0.95	
Median age (years)	35	
Mean age (years)	36	
Age range (years)	0-101	

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 12/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

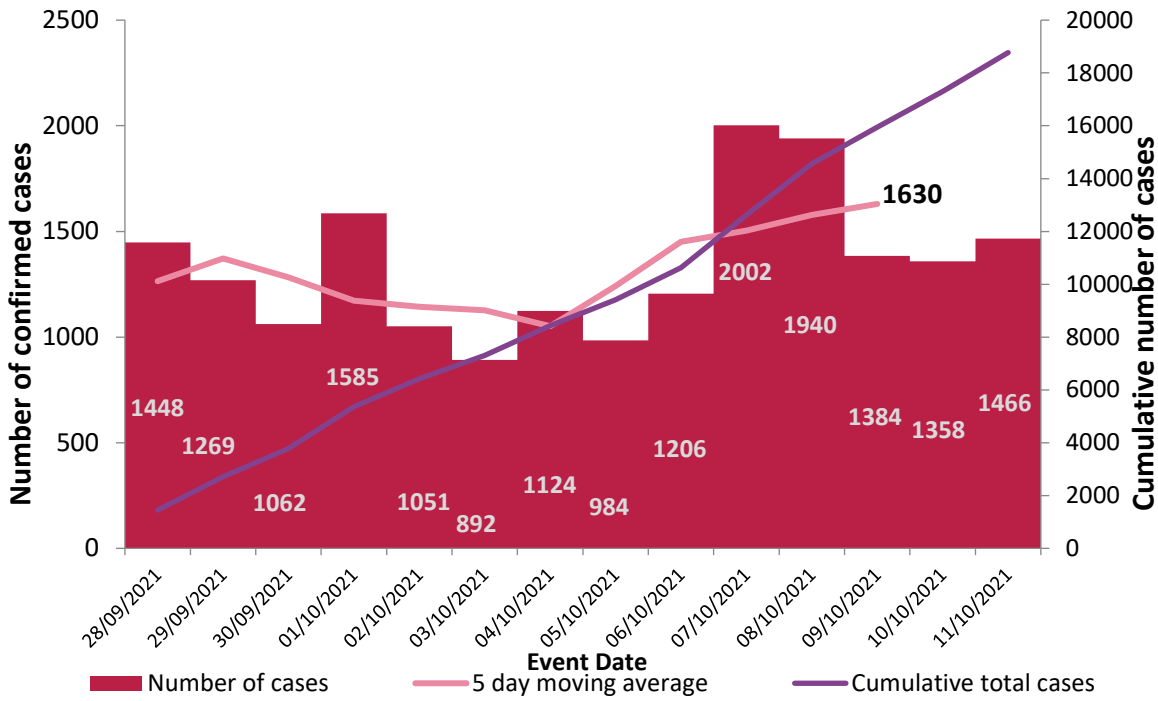


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18771)

*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

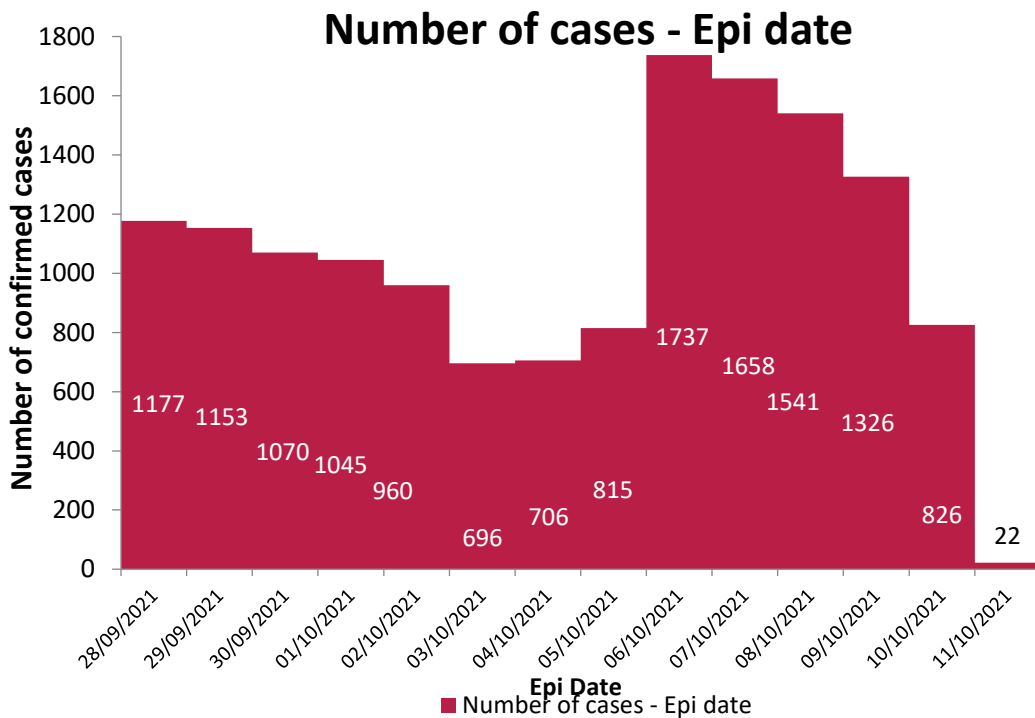


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 28/09/2021 up to midnight on 11/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		18,771	100
Sex	Male	9,122	48.6
	Female	9,628	51.3
	Unknown	21	0.1
Age	Median age (years)	35	
	Mean age (years)	36	
	Age range (years)	0-101	
	0-4 yrs	932	5.0
	5-12 yrs	2656	14.1
	13-18 yrs	1303	6.9
	19-24 yrs	1917	10.2
	25-34 yrs	2559	13.6
	35-44 yrs	2959	15.8
	45-54 yrs	2312	12.3
	55-64 yrs	1903	10.1
	65-74 yrs	1338	7.1
	75-84 yrs	614	3.3
	85+ yrs	276	1.5
	Unknown	2	
	Total	18,771	

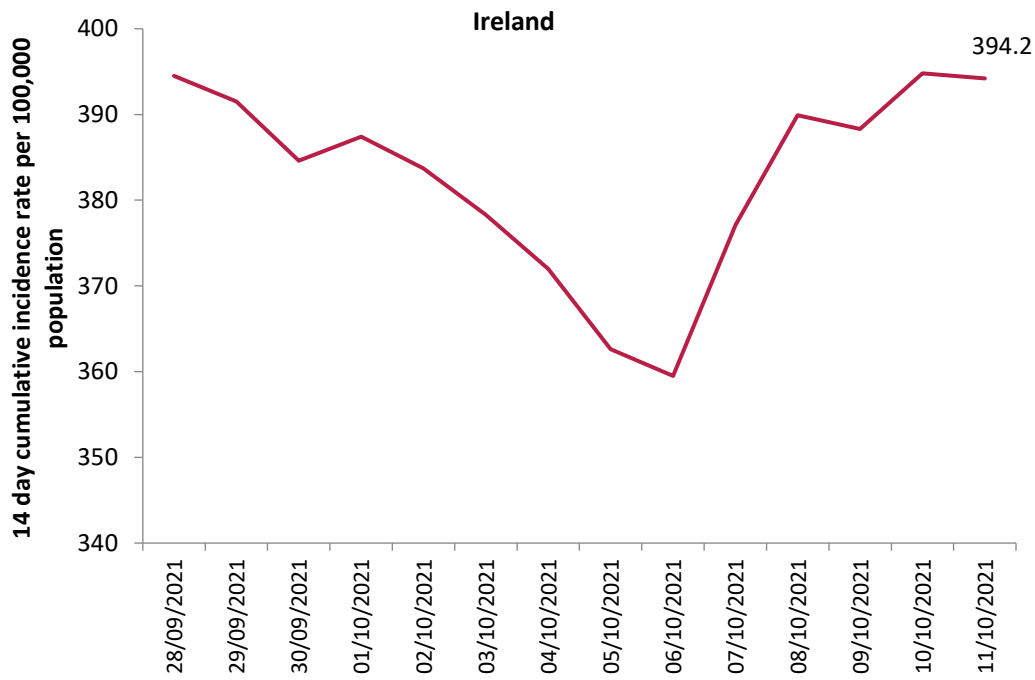


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 28/09/2021 up to midnight on 11/10/2021

*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 28/09/2021 up to midnight on 11/10/2021, 7 day numbers are reported from 05/10/2021 up to midnight on 11/10/2021

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 (07/10/2021 - 11/10/2021)
Waterford	520	447.6	880	757.5	59.09	83
Carlow	249	437.4	398	699.1	62.56	39
Kerry	519	351.4	915	619.5	56.72	85
Longford	129	315.6	286	699.7	45.10	23
Monaghan	174	283.5	318	518.0	54.72	24
Limerick	540	277.1	988	506.9	54.66	81
Donegal	432	271.4	885	555.9	48.81	69
Louth	314	243.6	534	414.3	58.80	47
Cavan	182	238.9	354	464.7	51.41	25
Westmeath	195	219.7	340	383.0	57.35	35
Laois	181	213.7	321	379.0	56.39	30
Dublin	2,834	210.3	5205	386.3	54.45	442
Galway	535	207.3	941	364.6	56.85	85
Cork	1,103	203.2	1855	341.7	59.46	181
Meath	376	192.8	737	377.9	51.02	50
Sligo	122	186.2	225	343.3	54.22	21
Clare	220	185.2	425	357.7	51.76	37
Kildare	384	172.6	705	316.8	54.47	59
Roscommon	106	164.2	218	337.8	48.62	18
Tipperary	262	164.2	482	302.1	54.36	43
Leitrim	52	162.3	125	390.1	41.60	8
Mayo	209	160.1	364	278.9	57.42	37
Wicklow	226	158.7	391	274.5	57.80	34
Wexford	231	154.3	404	269.8	57.18	36
Kilkenny	142	143.1	253	255.0	56.13	23
Offaly	103	132.1	222	284.8	46.40	15
Unknown/Other						
Total	10,340	217.1	18771	394.2	55.08	1630

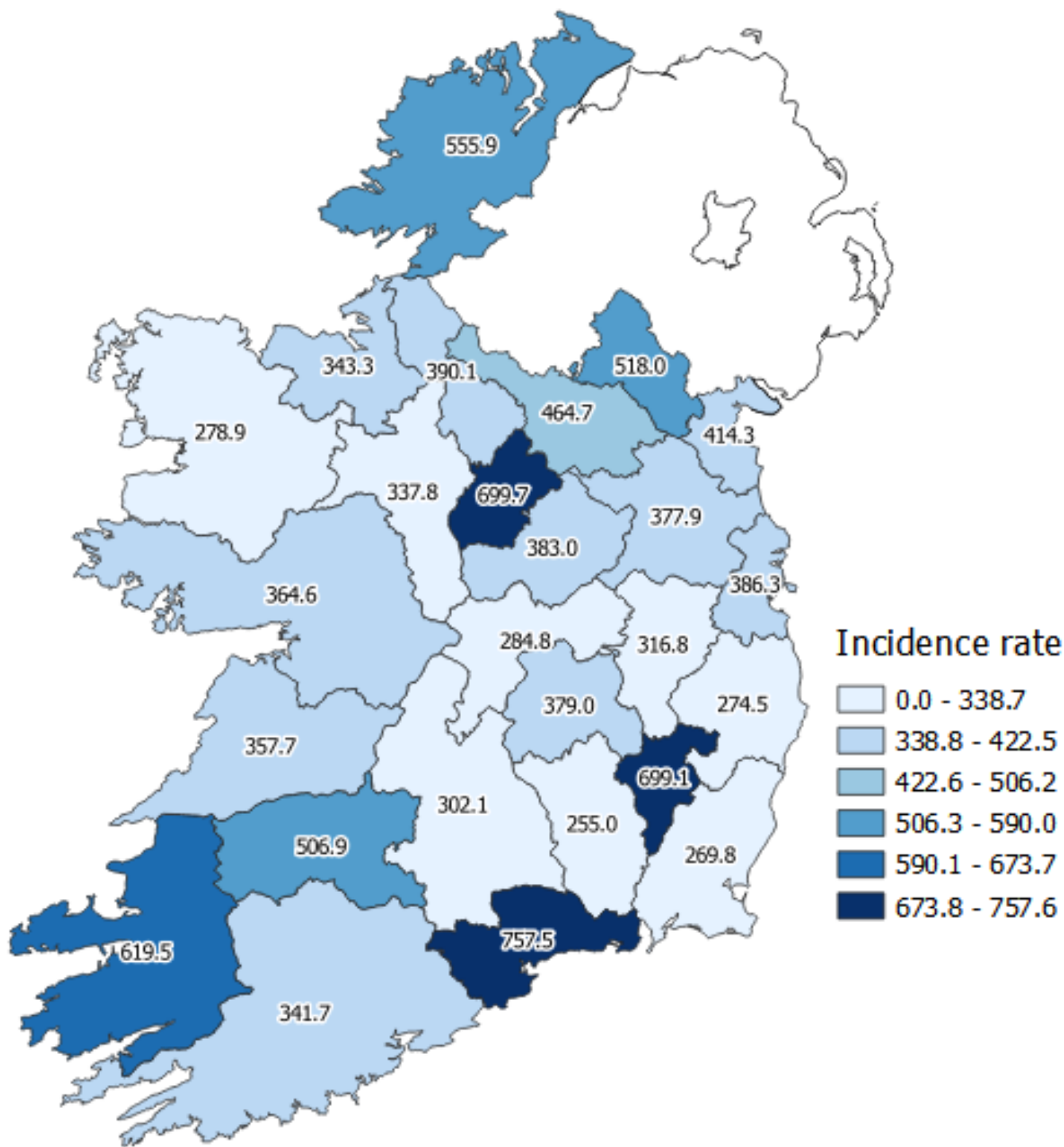


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 28/09/2021 up to midnight on 11/10/2021

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.

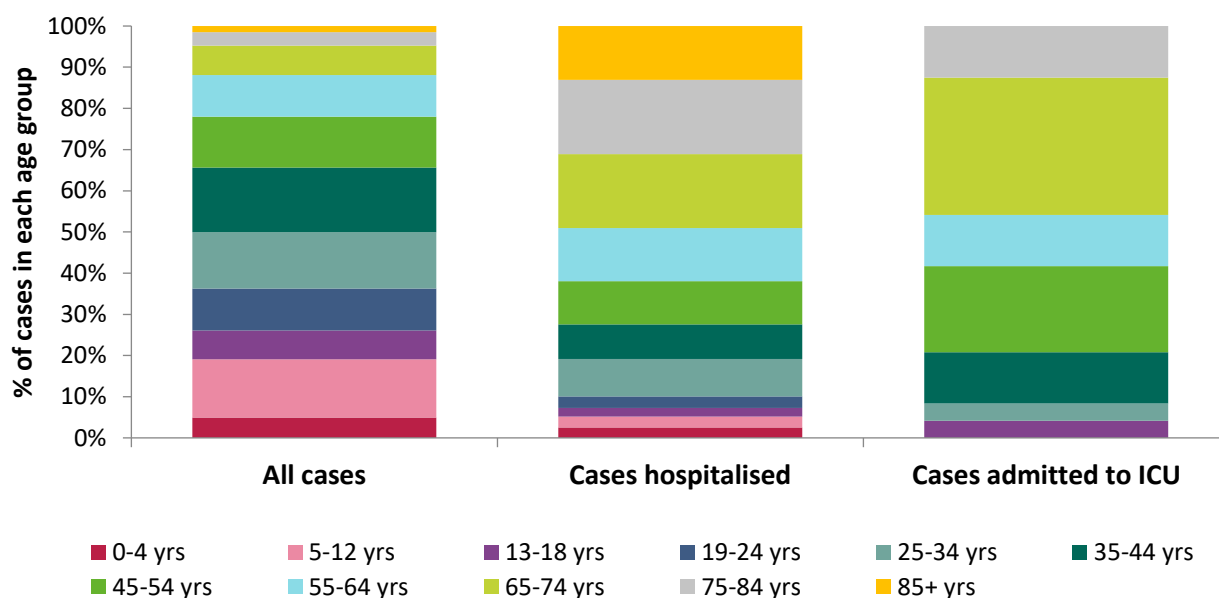


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 28/09/2021 up to midnight on 11/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 28/09/2021 up to midnight on 11/10/2021, 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	932	5.0	11	2.6	0	0.0
5-12 yrs	2656	14.1	11	2.6	0	0.0
13-18 yrs	1303	6.9	9	2.1	<5	-
19-24 yrs	1917	10.2	12	2.8	0	0.0
25-34 yrs	2559	13.6	39	9.1	<5	-
35-44 yrs	2959	15.8	36	8.4	<5	-
45-54 yrs	2312	12.3	45	10.5	5	20.8
55-64 yrs	1903	10.1	55	12.9	<5	-
65-74 yrs	1338	7.1	77	18.0	8	33.3
75-84 yrs	614	3.3	77	18.0	<5	-
85+ yrs	276	1.5	56	13.1	0	0.0
Unknown	2	0.0	0	0.0	0	0.0
Total	18771	100	428	100	24	

* 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 28/09/2021 up to midnight on 11/10/2021

Date	Number of confirmed cases
28/09/2021	1448
29/09/2021	1269
30/09/2021	1062
01/10/2021	1585
02/10/2021	1051
03/10/2021	892
04/10/2021	1124
05/10/2021	984
06/10/2021	1206
07/10/2021	2002
08/10/2021	1940
09/10/2021	1384
10/10/2021	1358
11/10/2021	1466
Total	18,771

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 ≥ 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 (28/09/2021 to 11/10/2021)

