



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 13/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 29/09/2021 up to midnight on 12/10/2021

	Number	Percent
Total number of confirmed cases	19,388	
National incidence of confirmed cases per 100,000 population	407.2	
Number of cases hospitalised*	434	2.24
Number of cases admitted to ICU*	23	0.12
Males	9,369	48.3
Females	9,964	51.4
M:F ratio	0.94	
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 13/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

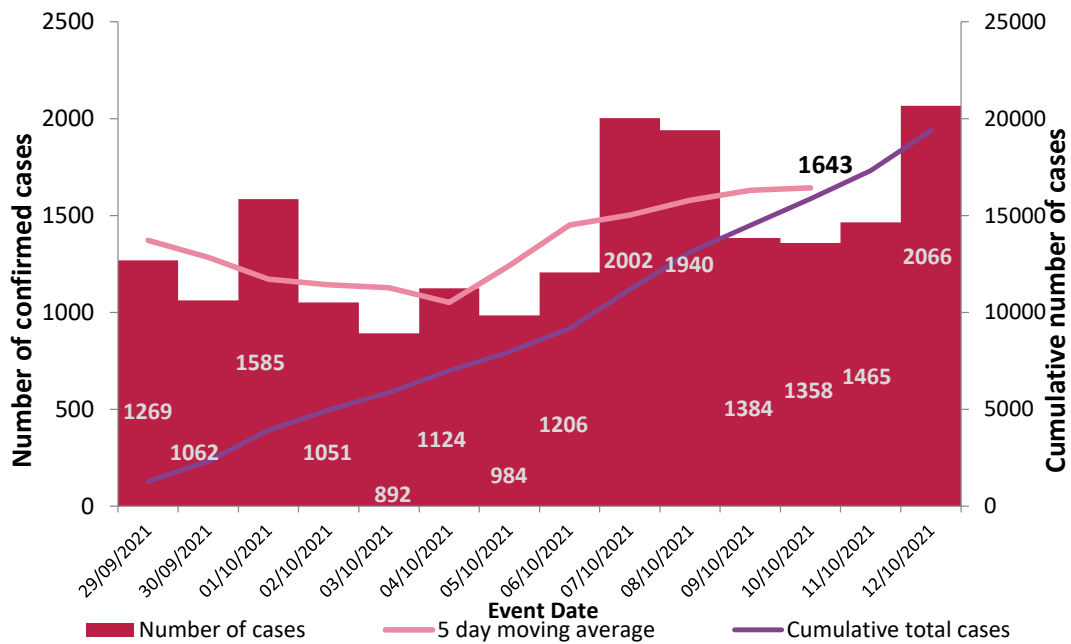


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=19388)

*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

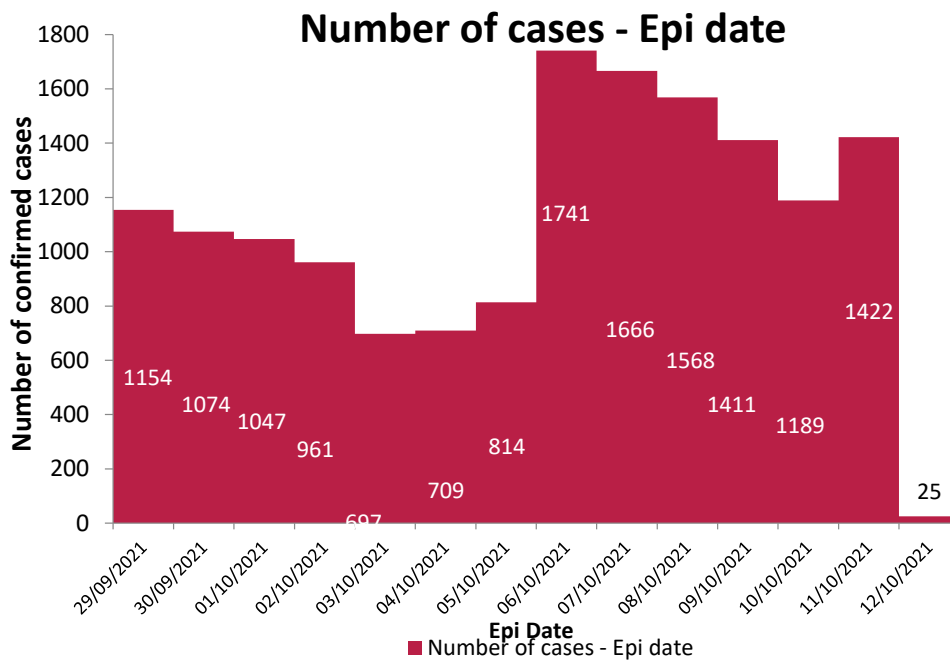


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 29/09/2021 up to midnight on 12/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		19,388	100
Sex	Male	9,369	48.3
	Female	9,964	51.4
	Unknown	55	0.3
Age	Median age (years)	35	
	Mean age (years)	36	
	Age range (years)	0-101	
	0-4 yrs	946	4.9
	5-12 yrs	2731	14.1
	13-18 yrs	1299	6.7
	19-24 yrs	1949	10.1
	25-34 yrs	2675	13.8
	35-44 yrs	3098	16.0
	45-54 yrs	2398	12.4
	55-64 yrs	1964	10.1
	65-74 yrs	1382	7.1
	75-84 yrs	653	3.4
	85+ yrs	291	1.5
	Unknown	2	
	Total	19,388	

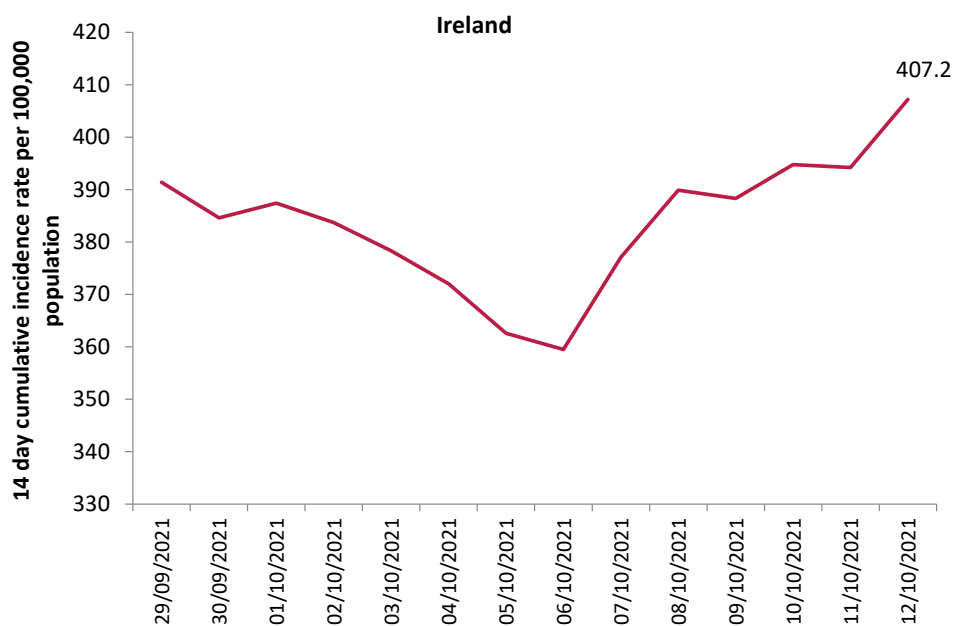


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 29/09/2021 up to midnight on 12/10/2021

*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 29/09/2021 up to midnight on 12/10/2021, 7 day numbers are reported from 06/10/2021 up to midnight on 12/10/2021

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 (08/10/2021 - 12/10/2021)
Waterford	579	498.4	892	767.8	64.91	79
Carlow	281	493.6	426	748.3	65.96	42
Kerry	553	374.4	916	620.1	60.37	86
Longford	152	371.9	288	704.6	52.78	21
Donegal	522	327.9	922	579.2	56.62	71
Monaghan	184	299.7	339	552.2	54.28	26
Louth	366	284.0	577	447.7	63.43	55
Limerick	512	262.7	940	482.3	54.47	74
Westmeath	232	261.3	364	410.0	63.74	33
Laois	217	256.2	354	418.0	61.30	35
Cavan	188	246.8	370	485.7	50.81	27
Cork	1,262	232.5	2011	370.4	62.75	184
Dublin	3,128	232.2	5321	394.9	58.79	447
Galway	581	225.1	979	379.4	59.35	84
Leitrim	70	218.4	127	396.3	55.12	11
Meath	385	197.4	788	404.0	48.86	60
Clare	232	195.3	420	353.5	55.24	32
Sligo	127	193.8	226	344.9	56.19	18
Roscommon	122	189.0	234	362.5	52.14	17
Tipperary	295	184.9	492	308.4	59.96	44
Wicklow	260	182.6	409	287.2	63.57	33
Kildare	403	181.1	712	320.0	56.60	56
Wexford	269	179.7	416	277.8	64.66	34
Mayo	230	176.2	366	280.4	62.84	35
Kilkenny	159	160.2	268	270.1	59.33	21
Offaly	112	143.7	231	296.3	48.48	16
Unknown/Other						
Total	11,421	239.8	19388	407.2	58.91	1643

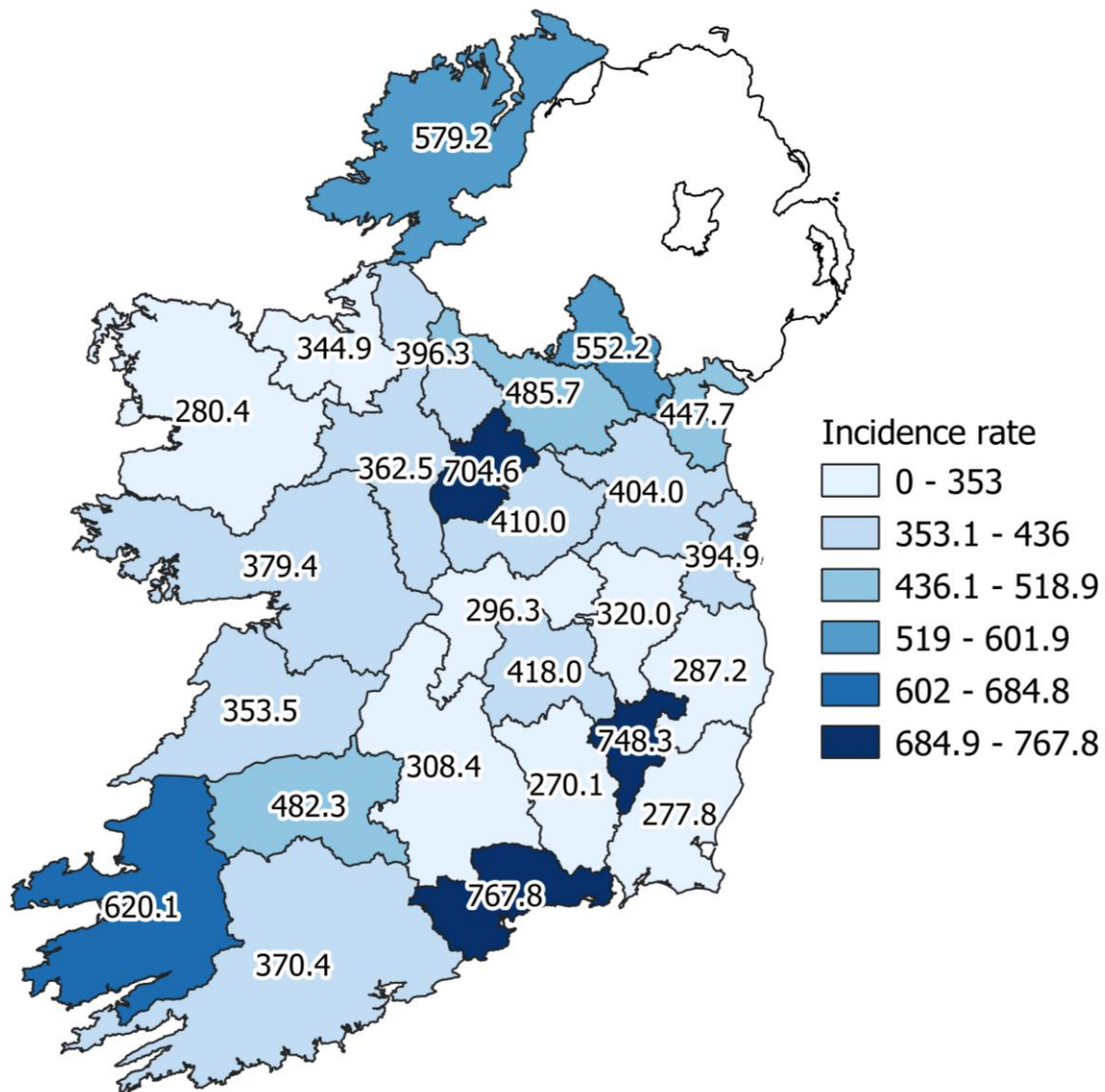


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 29/09/2021 up to midnight on 12/10/2021

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.

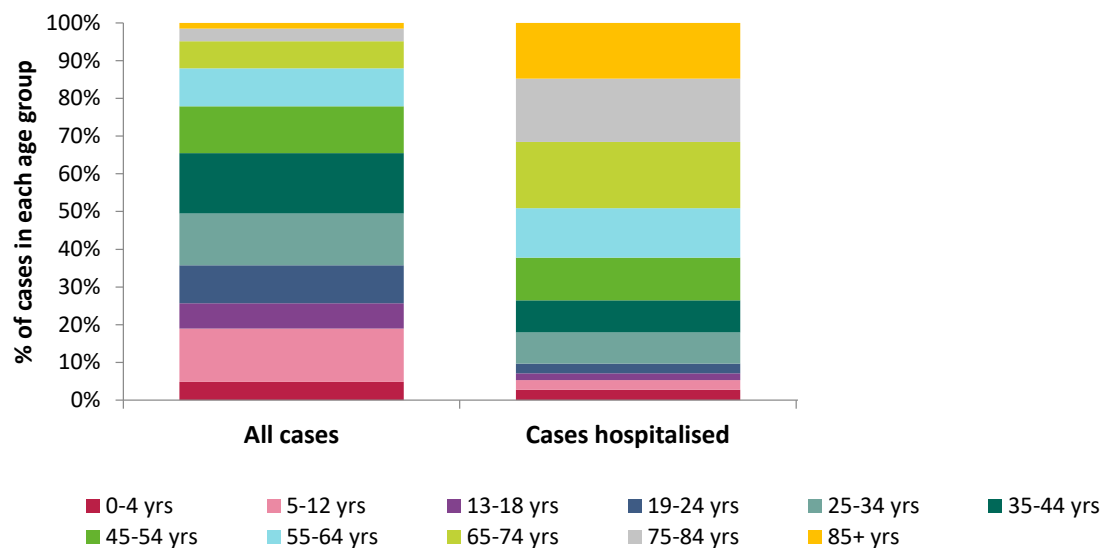


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 29/09/2021 up to midnight on 12/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 29/09/2021 up to midnight on 12/10/2021, 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	946	4.9	12	2.8	<5	-
5-12 yrs	2731	14.1	11	2.5	<5	-
13-18 yrs	1299	6.7	8	1.8	<5	-
19-24 yrs	1949	10.1	11	2.5	<5	-
25-34 yrs	2675	13.8	36	8.3	<5	-
35-44 yrs	3098	16.0	37	8.5	<5	-
45-54 yrs	2398	12.4	49	11.3	<5	-
55-64 yrs	1964	10.1	57	13.1	<5	-
65-74 yrs	1382	7.1	76	17.5	7	30.4
75-84 yrs	653	3.4	73	16.8	5	21.7
85+ yrs	291	1.5	64	14.7	<5	0.0
Unknown	2	0.0	0	0.0	0	0.0
Total	19388	100	434	100	23	100

* 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 29/09/2021 up to midnight on 12/10/2021

Date	Number of confirmed cases
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	1465
12/10/2021	2066
Total	19,388

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 (29/09/2021 to 12/10/2021)

