



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 14/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 30/09/2021 up to midnight on 13/10/2021

	Number	Percent
Total number of confirmed cases	19,745	
National incidence of confirmed cases per 100,000 population	414.6	
Number of cases hospitalised*	469	2.38
Number of cases admitted to ICU*	23	0.12
Males	9,560	48.4
Females	10,162	51.5
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 14/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

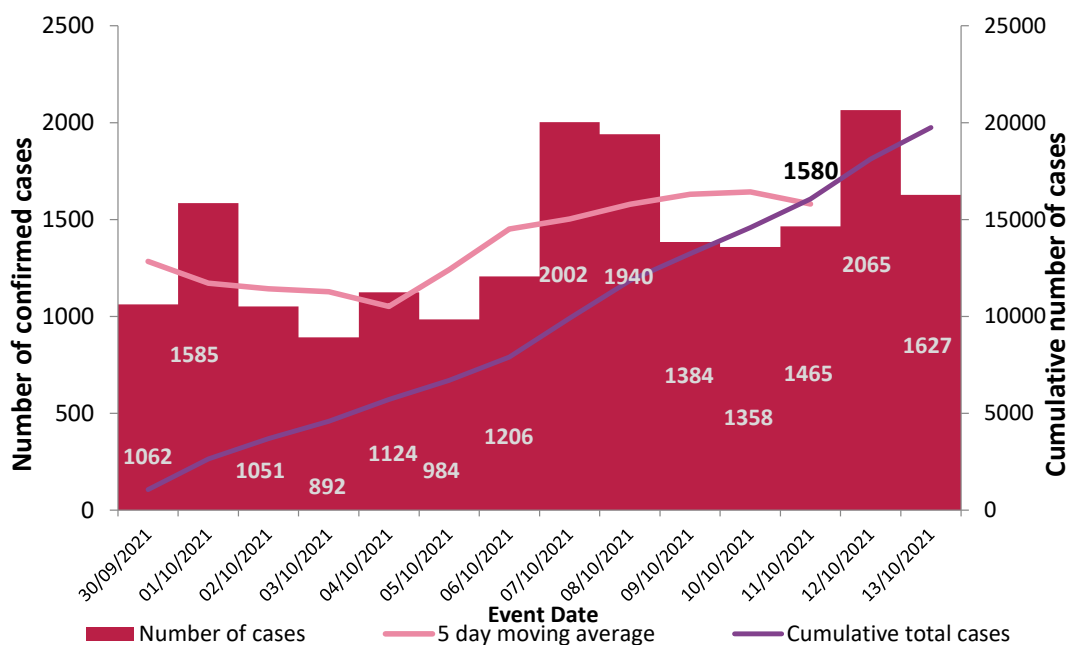


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=19745)

*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

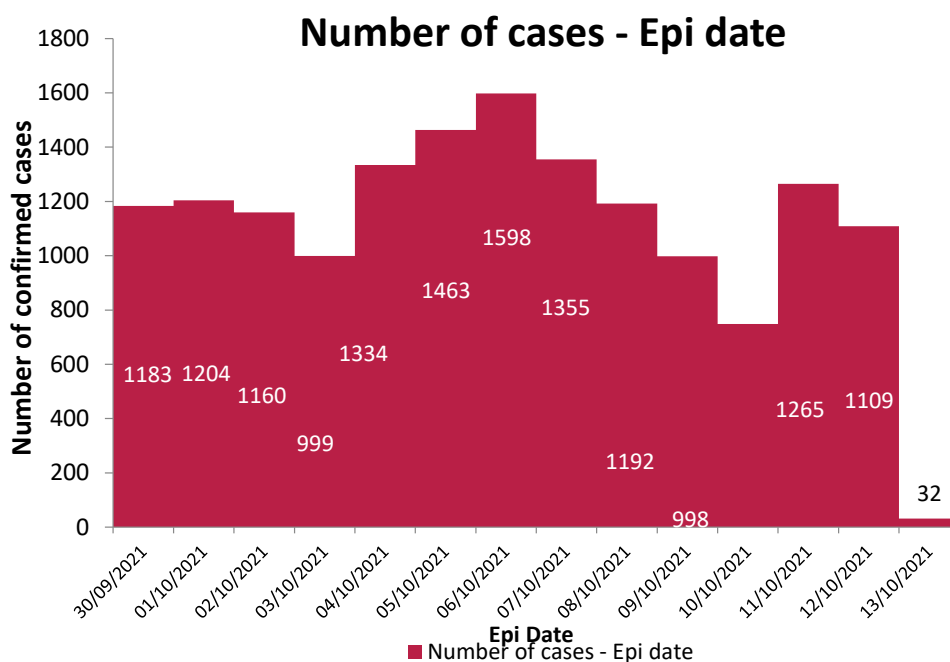


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 30/09/2021 up to midnight on 13/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		19,745	100
Sex	Male	9,560	48.4
	Female	10,162	51.5
	Unknown	23	0.1
Age	Median age (years)	35	
	Mean age (years)	36	
	Age range (years)	0-101	
	0-4 yrs	956	4.8
	5-12 yrs	2767	14.0
	13-18 yrs	1296	6.6
	19-24 yrs	1965	10.0
	25-34 yrs	2751	13.9
	35-44 yrs	3166	16.0
	45-54 yrs	2460	12.5
	55-64 yrs	2005	10.2
	65-74 yrs	1411	7.1
	75-84 yrs	666	3.4
	85+ yrs	300	1.5
	Unknown	2	
	Total	19,745	

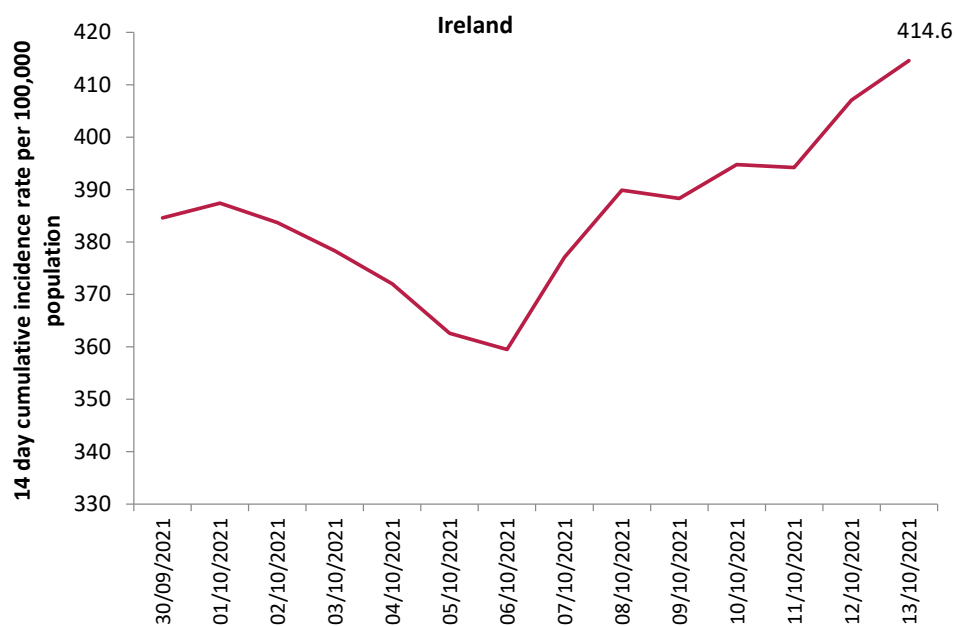


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 30/09/2021 up to midnight on 13/10/2021

*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 30/09/2021 up to midnight on 13/10/2021, 7 day numbers are reported from 07/10/2021 up to midnight on 13/10/2021

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 (09/10/2021 - 13/10/2021)
Waterford	532	457.9	857	737.7	62.08	79
Longford	181	442.8	302	738.9	59.93	23
Carlow	251	440.9	401	704.3	62.59	33
Kerry	604	408.9	955	646.6	63.25	87
Donegal	545	342.4	936	588.0	58.23	68
Laois	247	291.6	376	443.9	65.69	37
Monaghan	179	291.6	336	547.4	53.27	24
Limerick	563	288.9	981	503.3	57.39	82
Louth	349	270.8	573	444.6	60.91	43
Westmeath	237	267.0	358	403.3	66.20	31
Cavan	188	246.8	372	488.3	50.54	25
Dublin	3,307	245.4	5478	406.6	60.37	426
Cork	1,287	237.1	2046	376.9	62.90	176
Galway	599	232.1	1007	390.2	59.48	72
Clare	273	229.8	458	385.5	59.61	38
Leitrim	71	221.6	125	390.1	56.80	10
Sligo	142	216.7	233	355.5	60.94	19
Roscommon	137	212.3	237	367.2	57.81	19
Kildare	471	211.7	776	348.8	60.70	60
Meath	385	197.4	752	385.6	51.20	51
Tipperary	298	186.8	494	309.6	60.32	40
Mayo	243	186.2	372	285.0	65.32	32
Kilkenny	168	169.3	285	287.2	58.95	23
Wicklow	232	162.9	404	283.7	57.43	31
Wexford	237	158.3	408	272.5	58.09	34
Offaly	115	147.5	223	286.0	51.57	16
Unknown/Other						
Total	11,841	248.7	19745	414.6	59.97	1580

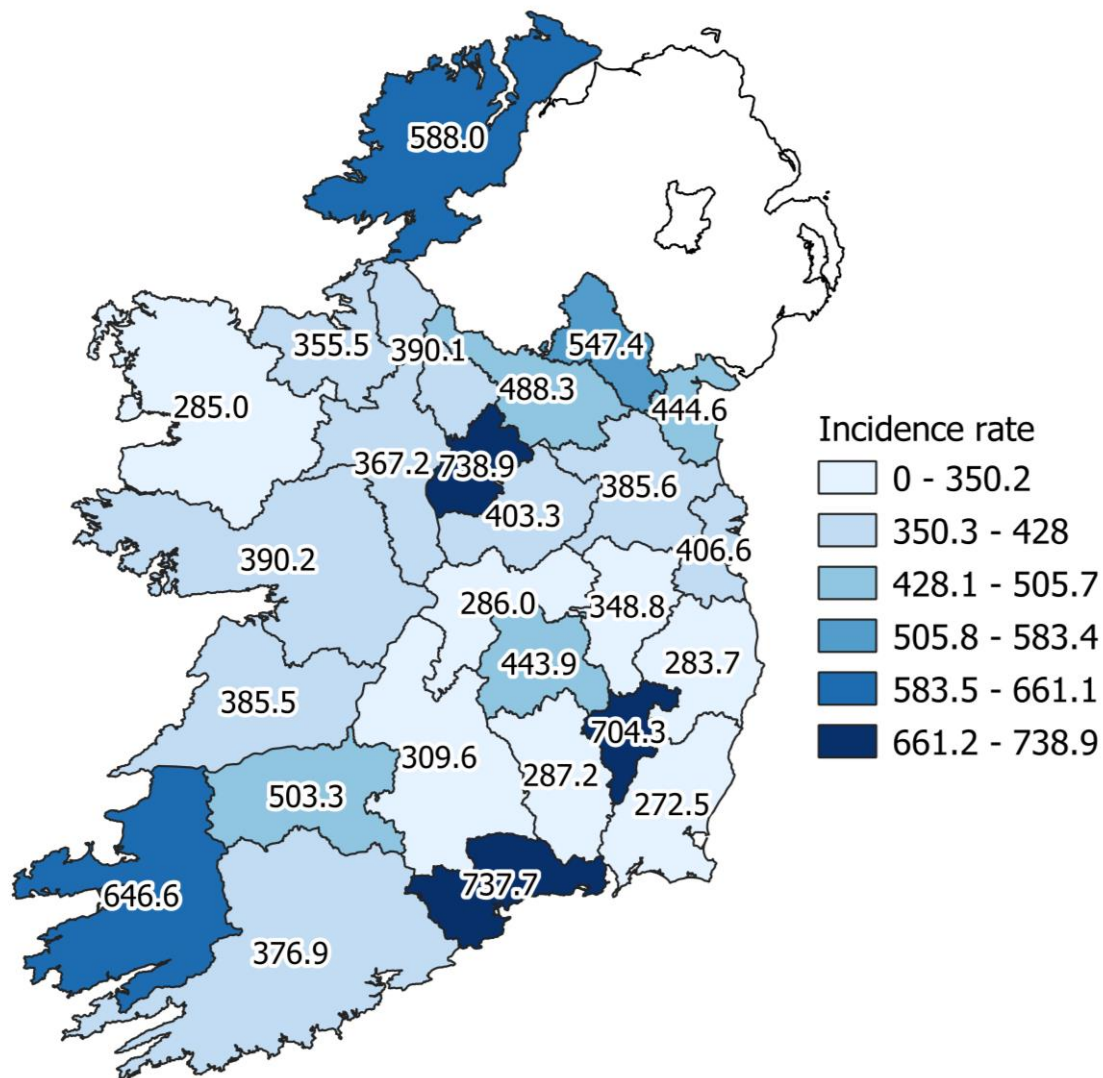


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 30/09/2021 up to midnight on 13/10/2021

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.

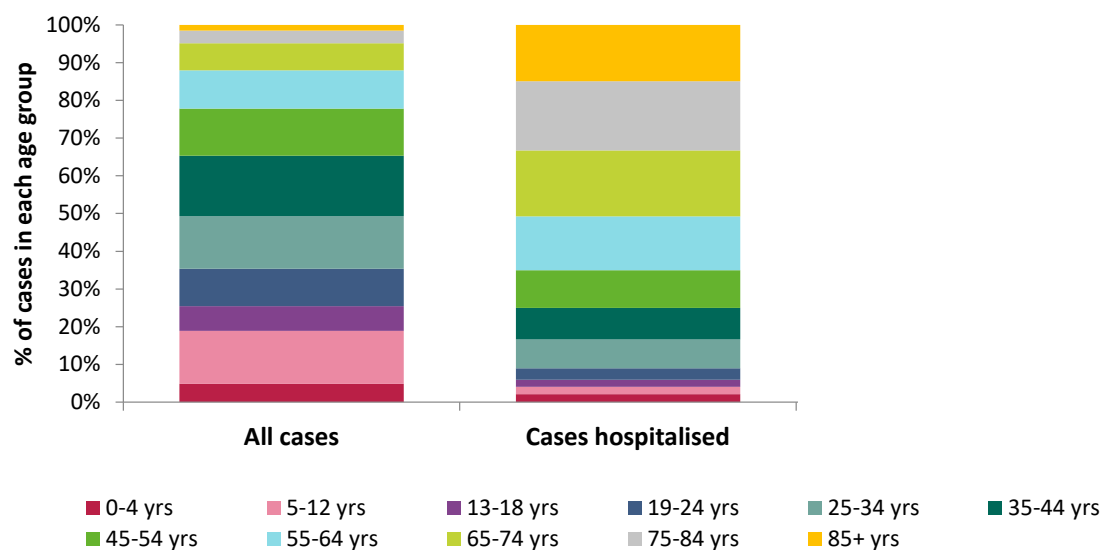


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 30/09/2021 up to midnight on 13/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 30/09/2021 up to midnight on 13/10/2021, 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	956	4.8	10	2.1	<5	-
5-12 yrs	2767	14.0	9	1.9	<5	-
13-18 yrs	1296	6.6	9	1.9	<5	-
19-24 yrs	1965	10.0	14	3.0	<5	-
25-34 yrs	2751	13.9	36	7.7	<5	-
35-44 yrs	3166	16.0	39	8.3	<5	-
45-54 yrs	2460	12.5	47	10.0	<5	-
55-64 yrs	2005	10.2	67	14.3	<5	-
65-74 yrs	1411	7.1	82	17.5	7	30.4
75-84 yrs	666	3.4	86	18.3	<5	-
85+ yrs	300	1.5	70	14.9	<5	-
Unknown	2	0.0	0	0.0	0	0.0
Total	19745	100	469	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 30/09/2021 up to midnight on 13/10/2021

Date	Number of confirmed cases
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	2065
13/10/2021	1627
Total	19,745

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 (30/09/2021 to 13/10/2021)

