



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 26/11/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 12/11/2021 up to midnight on 25/11/2021

Data on the most likely source of transmission is no longer included in this report and will be reported on a weekly basis in the Weekly Report on the epidemiology of COVID-19 in Ireland

	Number	Percent
Total number of confirmed cases	61,540	
National incidence of confirmed cases per 100,000	1292.4	
Number of cases hospitalised*	594	0.97
Number of cases admitted to ICU*	37	0.06
Number of cases in healthcare workers	684	1.11
% where HCW is known	3.4	
Number of cases associated with clusters**	902	1.47
Males	30,550	49.6
Females	30,906	50.2
M:F ratio	0.99	
Median age (years)	33	
Mean age (years)	33	
Age range (years)	0-102	

* 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.

**Cases may be associated with outbreaks notified outside the timeframe of this report from 12/11/2021 up to midnight on 25/11/2021. Also, this is likely an underestimate of cases associated with clusters as Departments of Public Health are prioritising Public Health Risk Assessments and outbreak investigations in settings that have the greatest clinical need or would benefit most from Public Health intervention.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 26/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

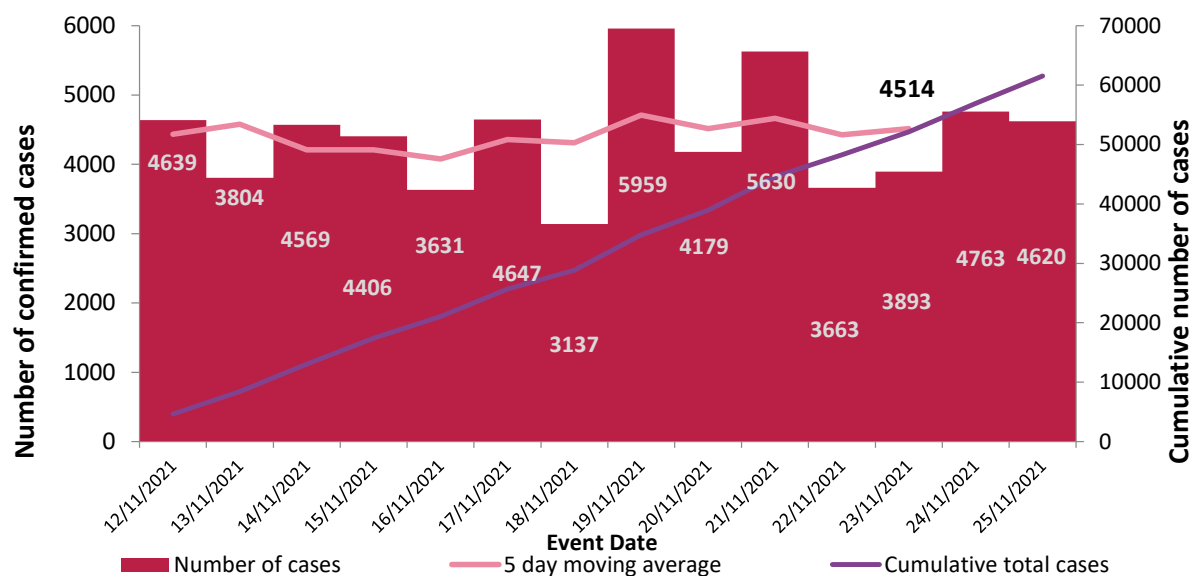


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=61540)

*Changes in the timeliness of the processing steps on CIDR can lead to day to day variations in the number of daily cases. Using epidemiological date (figure 1b), or analysing over a longer time period such as a week or 14 days (figure 2), smooths out any variations introduced by processing times, and provide a more accurate picture of the trend.

Please see Epidemiology of COVID-19 in Ireland Frequently Asked Questions (<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/epidemiologyfrequentlyaskedquestions/>) and the weekly epidemiological report (<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/epidemiologyofcovid-19inirelandweeklyreports/>) for further detail and analyses.

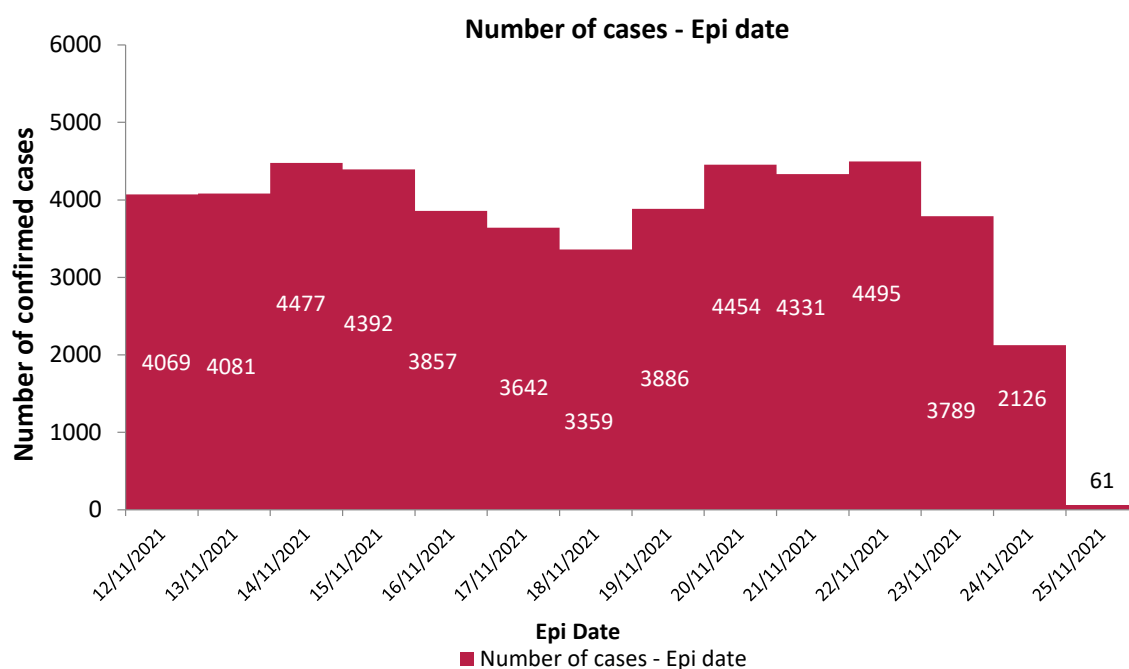


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 12/11/2021 up to midnight on 25/11/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		61,540	100
Sex	Male	30,550	49.6
	Female	30,906	50.2
	Unknown	84	0.1
Age	Median age (years)	33	
	Mean age (years)	33	
	Age range (years)	0-102	
	0-4 yrs	2968	4.8
	5-12 yrs	11105	18.0
	13-18 yrs	3502	5.7
	19-24 yrs	5636	9.2
	25-34 yrs	8901	14.5
	35-44 yrs	11028	17.9
	45-54 yrs	8044	13.1
	55-64 yrs	5573	9.1
	65-74 yrs	3505	5.7
	75-84 yrs	1038	1.7
	85+ yrs	229	0.4
	Unknown	11	
	Total	61,540	

Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 12/11/2021 up to midnight on 25/11/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		61,540	100	
Symptom status at time of test*	Yes	17293	28.1	99.9
	No	13	0.0	0.1
	Unknown	44,234	71.9	
	Total cases where known	17306		
Healthcare worker	Yes	684	1.1	3.4
	No	19304	31.4	96.6
	Unknown	41,552	67.5	
	Total cases where known	19988		

*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

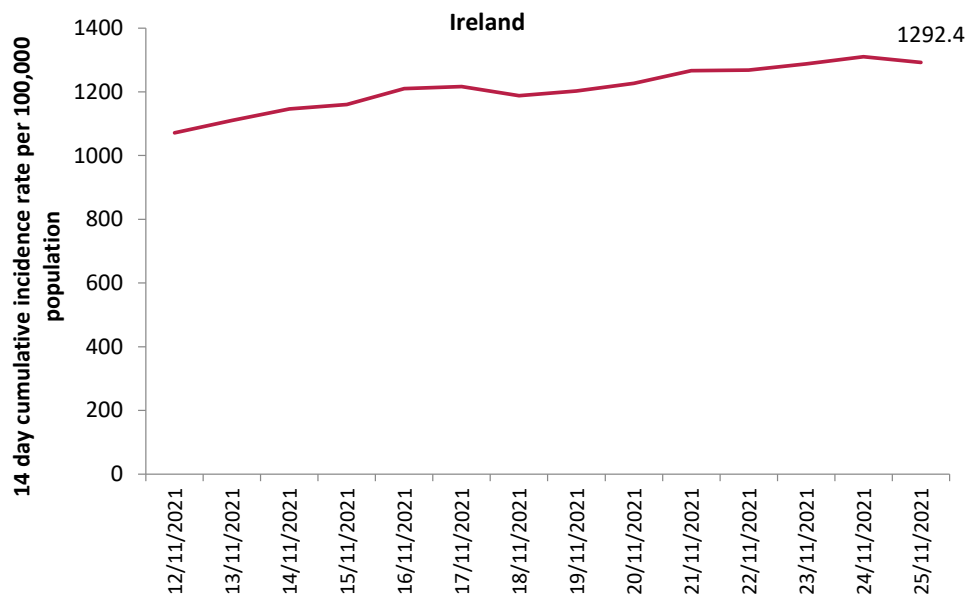


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 12/11/2021 up to midnight on 25/11/2021

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 3: Number of confirmed COVID-19 cases by county notified in Ireland from 12/11/2021 up to midnight on 25/11/2021, 7 day numbers are reported from 19/11/2021 up to midnight on 25/11/2021

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 (21/11/2021 - 25/11/2021)
Westmeath	914	1029.6	1590	1791.1	57.48	126
Carlow	560	983.6	1035	1818.0	54.11	78
Louth	1,129	876.0	2093	1623.9	53.94	158
Longford	353	863.7	621	1519.3	56.84	48
Kilkenny	822	828.4	1565	1577.1	52.52	111
Tipperary	1,228	769.7	2195	1375.7	55.95	169
Dublin	10,238	759.9	19026	1412.1	53.81	1447
Waterford	874	752.3	1703	1465.9	51.32	128
Cork	3,738	688.6	6902	1271.4	54.16	504
Cavan	510	669.5	1040	1365.3	49.04	69
Donegal	1,029	646.4	1760	1105.6	58.47	125
Meath	1,239	635.2	2530	1297.1	48.97	164
Wexford	950	634.5	1667	1113.4	56.99	140
Monaghan	386	628.8	682	1111.0	56.60	52
Kildare	1,395	627.0	2673	1201.3	52.19	193
Clare	719	605.1	1394	1173.2	51.58	96
Sligo	393	599.7	776	1184.1	50.64	57
Laois	503	593.9	928	1095.7	54.20	73
Mayo	773	592.3	1432	1097.3	53.98	86
Leitrim	186	580.5	368	1148.4	50.54	26
Limerick	1,117	573.1	2064	1059.0	54.12	157
Roscommon	366	567.1	735	1138.8	49.80	53
Kerry	823	557.2	1659	1123.2	49.61	103
Galway	1,423	551.4	2810	1088.9	50.64	194
Offaly	372	477.2	890	1141.6	41.80	51
Wicklow	667	468.3	1402	984.4	47.57	106
Unknown/Other						
Total	32,707	686.9	61540	1292.4	53.15	4514

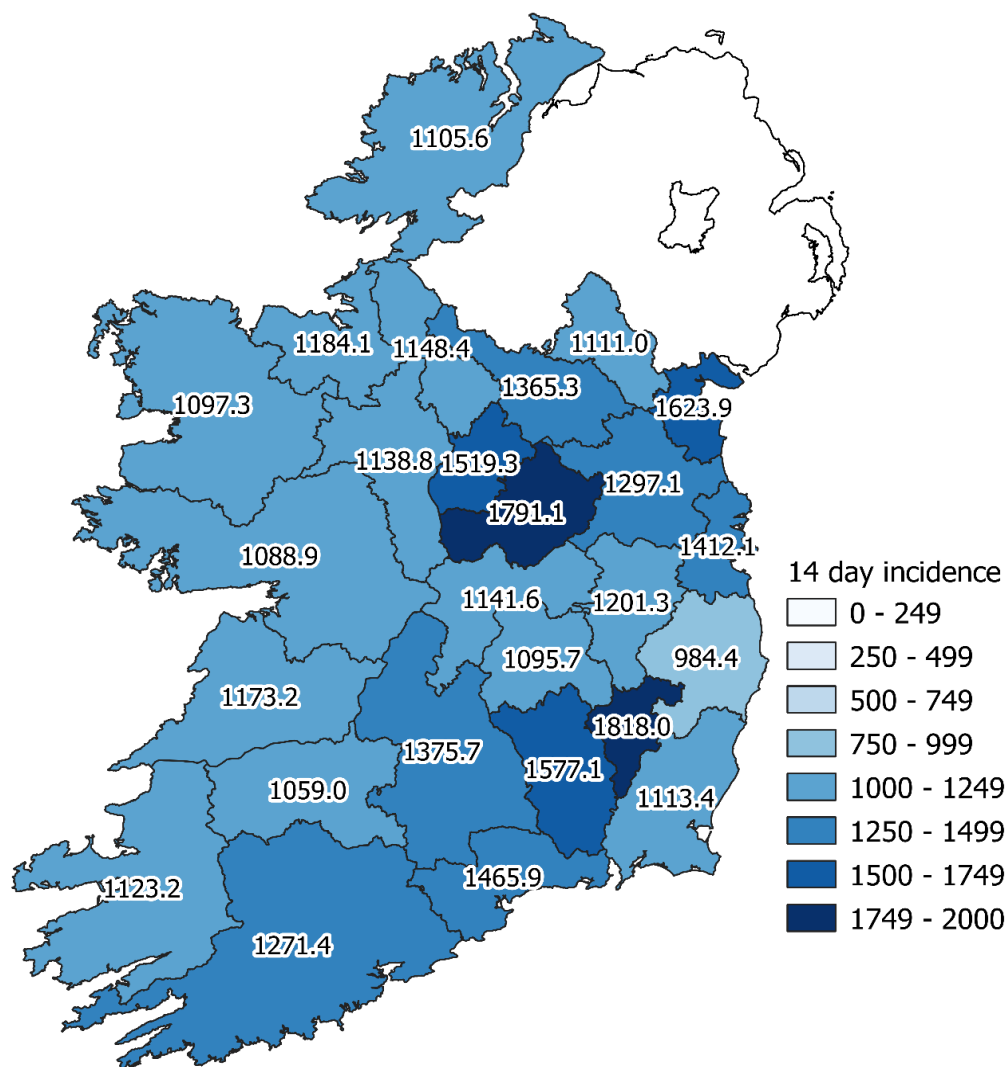


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 12/11/2021 up to midnight on 25/11/2021

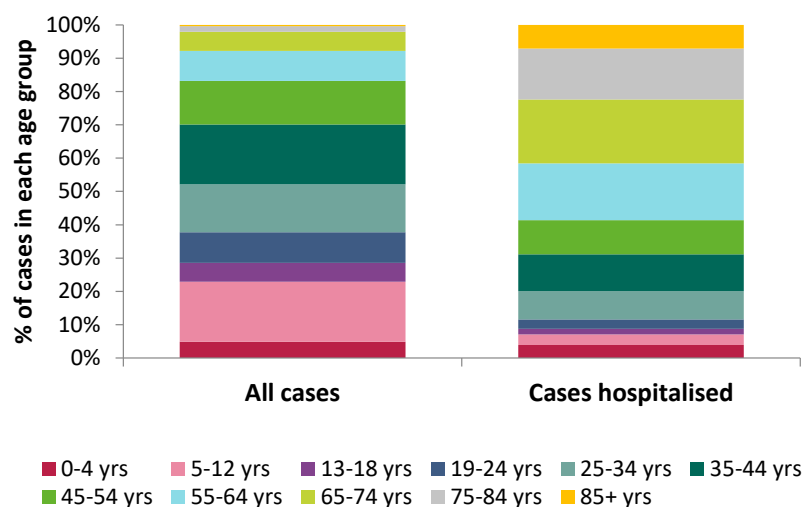


Figure 5: Percentage of confirmed cases of COVID-19 notified in Ireland from 12/11/2021 up to midnight on 25/11/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 12/11/2021 up to midnight on 25/11/2021, 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	2968	4.8	23	3.9	0	0.0
5-12 yrs	11105	18.0	19	3.2	<5	-
13-18 yrs	3502	5.7	10	1.7	0	0.0
19-24 yrs	5636	9.2	17	2.9	<5	-
25-34 yrs	8901	14.5	50	8.4	<5	-
35-44 yrs	11028	17.9	66	11.1	<5	-
45-54 yrs	8044	13.1	61	10.3	5	13.5
55-64 yrs	5573	9.1	101	17.0	7	18.9
65-74 yrs	3505	5.7	114	19.2	13	35.1
75-84 yrs	1038	1.7	91	15.3	<5	-
85+ yrs	229	0.4	42	7.1	<5	-
Unknown	11	0.0	0	0.0	0	0.0
Total	61540	100	594	100	37	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 6: Daily number of confirmed COVID-19 cases notified in Ireland from 12/11/2021 up to midnight on 25/11/2021

Date	Number of confirmed cases
12/11/2021	4639
13/11/2021	3804
14/11/2021	4569
15/11/2021	4406
16/11/2021	3631
17/11/2021	4647
18/11/2021	3137
19/11/2021	5959
20/11/2021	4179
21/11/2021	5630
22/11/2021	3663
23/11/2021	3893
24/11/2021	4763
25/11/2021	4620
Total	61,540

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 (12/11/2021 to 25/11/2021)

