



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 25/11/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 11/11/2021 up to midnight on 24/11/2021

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	62,401	
National incidence of confirmed cases per 100,000	1310.4	
Number of cases hospitalised*	615	0.99
Number of cases admitted to ICU*	35	0.06
Number of cases in healthcare workers	686	1.10
% where HCW is known	3.5	
Number of cases associated with clusters**	917	1.47
Males	31,098	49.8
Females	31,225	50.0
M:F ratio	1.00	
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 11/11/2021 up to midnight on 24/11/2021. 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 25/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

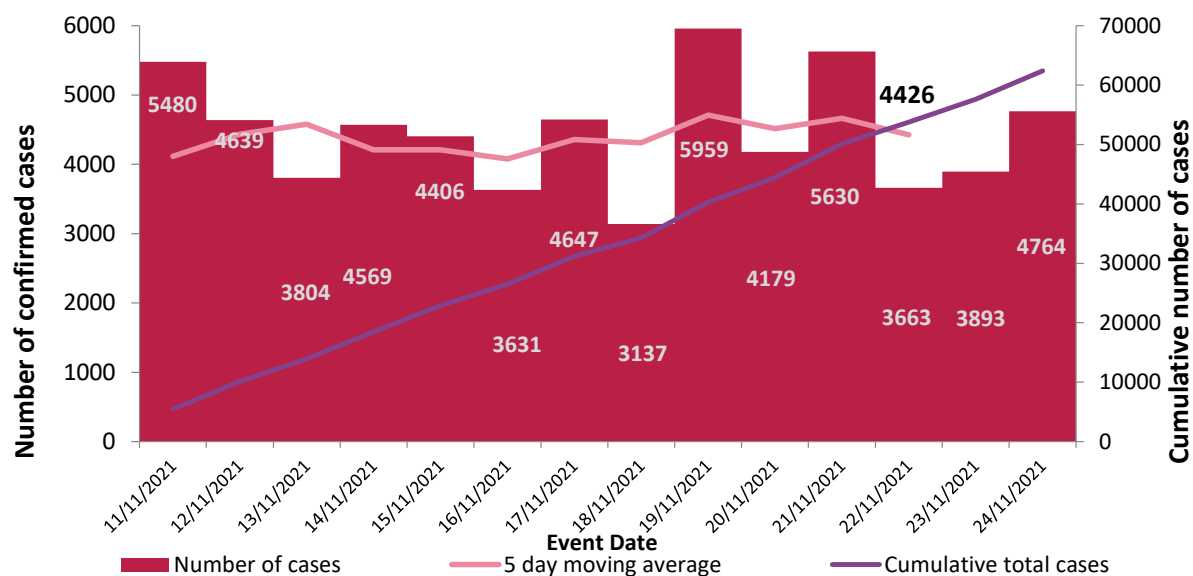


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=62401)

*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.

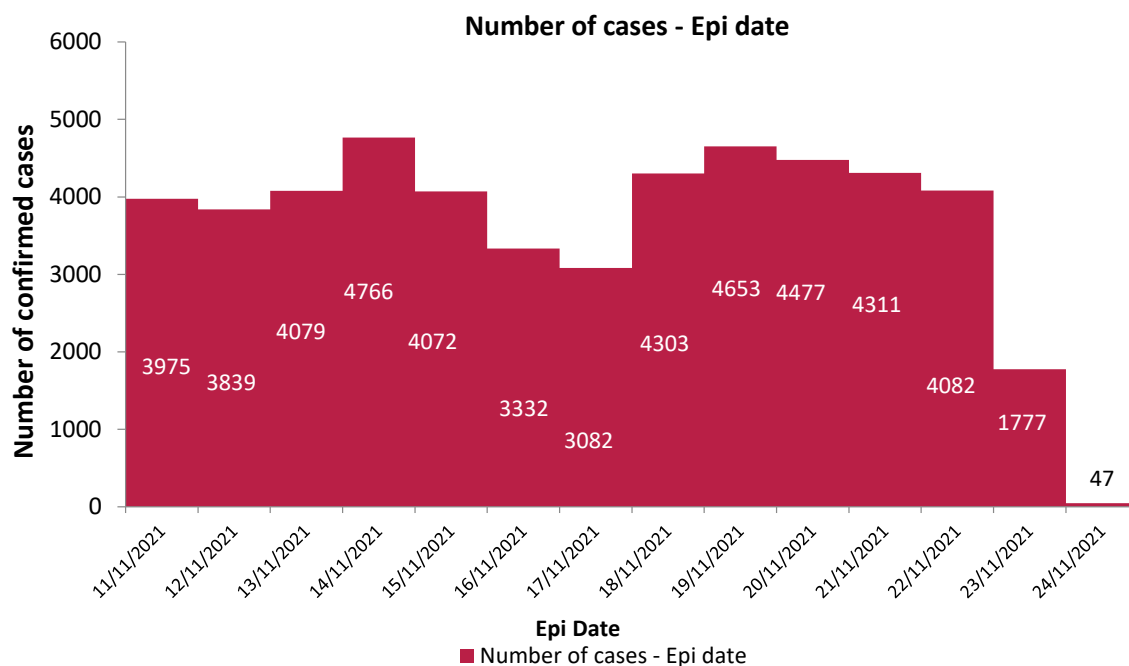


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 11/11/2021 up to midnight on 24/11/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		62,401	100
Sex	Male	31,098	49.8
	Female	31,225	50.0
	Unknown	78	0.1
Age	Median age (years)	33	
	Mean age (years)	33	
	Age range (years)	0-102	
	0-4 yrs	2999	4.8
	5-12 yrs	10956	17.6
	13-18 yrs	3537	5.7
	19-24 yrs	5758	9.2
	25-34 yrs	9139	14.6
	35-44 yrs	11162	17.9
	45-54 yrs	8170	13.1
	55-64 yrs	5708	9.1
	65-74 yrs	3639	5.8
	75-84 yrs	1087	1.7
	85+ yrs	235	0.4
	Unknown	11	
	Total	62,401	

Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 11/11/2021 up to midnight on 24/11/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		62,401	100	
Symptom status at time of test*	Yes	17154	27.5	99.9
	No	15	0.0	0.1
	Unknown	45,232	72.5	
	Total cases where known	17169		
Healthcare worker	Yes	686	1.1	3.5
	No	19152	30.7	96.5
	Unknown	42,563	68.2	
	Total cases where known	19838		

*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.

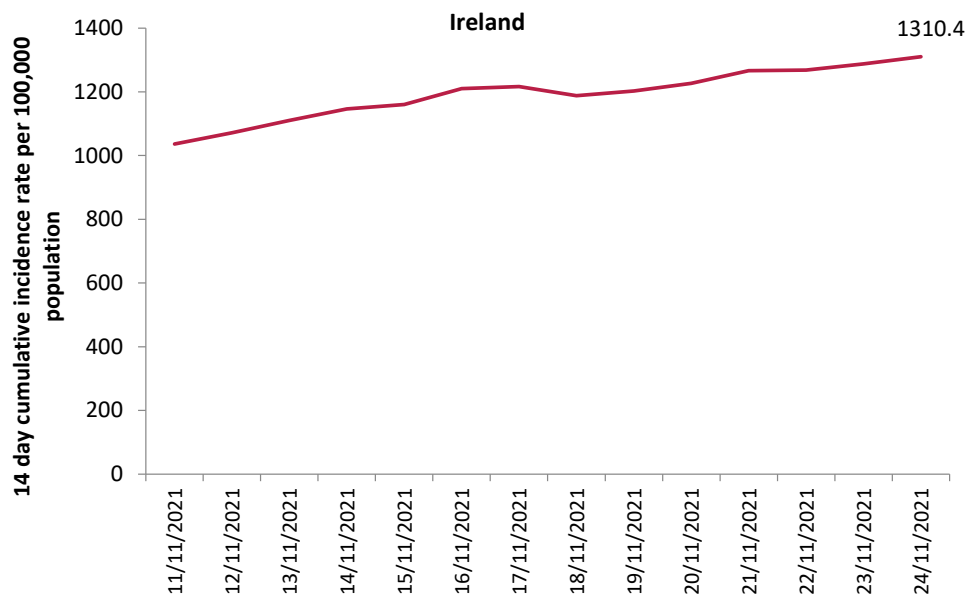


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 11/11/2021 up to midnight on 24/11/2021

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 11/11/2021 up to midnight on 24/11/2021, 7 day numbers are reported from 18/11/2021 up to midnight on 24/11/2021

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 (20/11/2021 - 24/11/2021)
Westmeath	853	960.9	1641	1848.6	51.98	121
Carlow	546	959.0	1074	1886.5	50.84	77
Louth	1,126	873.7	2295	1780.7	49.06	160
Longford	332	812.3	611	1494.9	54.34	45
Kilkenny	786	792.1	1583	1595.3	49.65	108
Waterford	880	757.5	1707	1469.3	51.55	135
Dublin	10,002	742.3	19153	1421.5	52.22	1434
Tipperary	1,153	722.6	2190	1372.6	52.65	167
Cavan	538	706.3	1136	1491.3	47.36	75
Monaghan	381	620.7	679	1106.1	56.11	54
Wexford	910	607.8	1637	1093.4	55.59	143
Cork	3,272	602.7	6831	1258.3	47.90	453
Meath	1,166	597.8	2650	1358.7	44.00	155
Kildare	1,328	596.8	2685	1206.7	49.46	182
Mayo	767	587.7	1501	1150.1	51.10	92
Donegal	932	585.5	1744	1095.5	53.44	128
Laois	475	560.8	942	1112.2	50.42	70
Leitrim	178	555.5	416	1298.2	42.79	26
Clare	660	555.5	1385	1165.7	47.65	90
Kerry	801	542.3	1748	1183.4	45.82	109
Galway	1,373	532.1	2925	1133.5	46.94	196
Limerick	1,036	531.6	2081	1067.7	49.78	146
Roscommon	339	525.2	726	1124.8	46.69	49
Sligo	335	511.2	803	1225.3	41.72	56
Wicklow	691	485.2	1393	978.1	49.61	108
Offaly	365	468.2	865	1109.5	42.20	46
Unknown/Other						
Total	31,225	655.7	62401	1310.4	50.04	4426

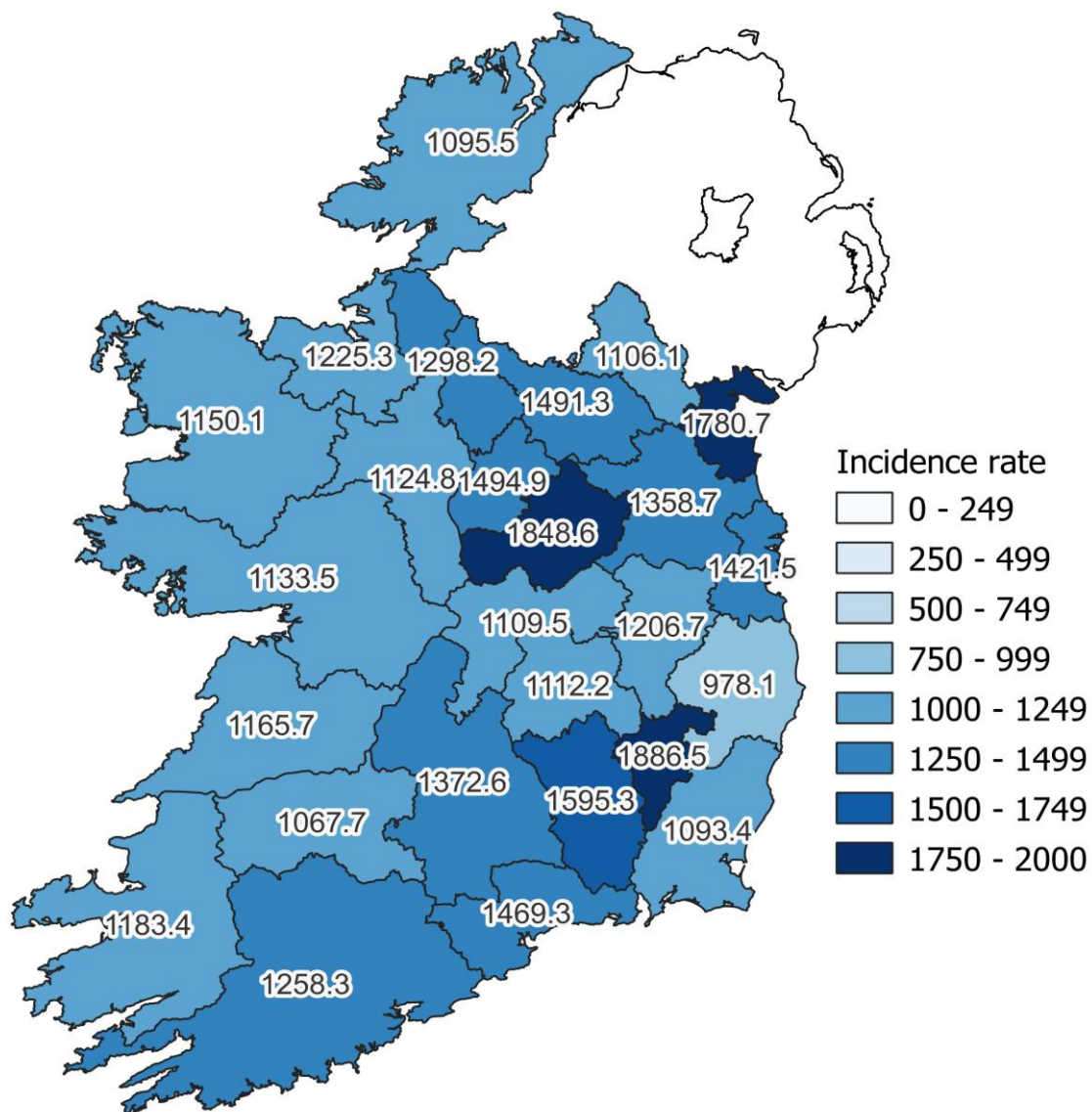


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 11/11/2021 up to midnight on 24/11/2021

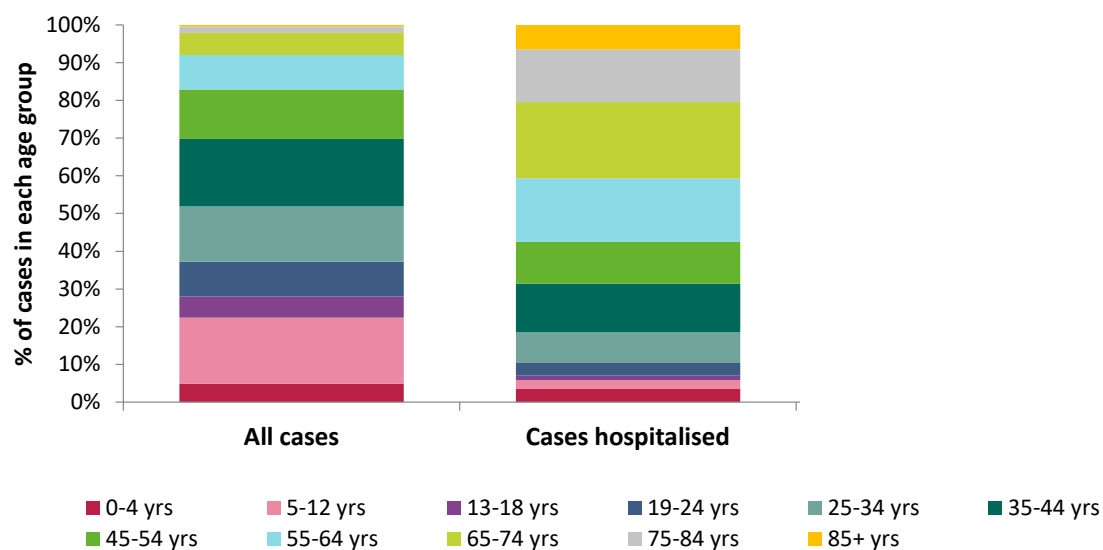


Figure 5: Percentage of confirmed cases of COVID-19 notified in Ireland from 11/11/2021 up to midnight on 24/11/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 11/11/2021 up to midnight on 24/11/2021, 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	2999	4.8	22	3.6	<5	-
5-12 yrs	10956	17.6	14	2.3	<5	-
13-18 yrs	3537	5.7	7	1.1	<5	-
19-24 yrs	5758	9.2	22	3.6	<5	-
25-34 yrs	9139	14.6	49	8.0	<5	-
35-44 yrs	11162	17.9	79	12.8	5	14.3
45-54 yrs	8170	13.1	68	11.1	<5	-
55-64 yrs	5708	9.1	104	16.9	6	17.1
65-74 yrs	3639	5.8	124	20.2	11	31.4
75-84 yrs	1087	1.7	86	14.0	<5	-
85+ yrs	235	0.4	40	6.5	<5	-
Unknown	11	0.0	0	0.0	0	0.0
Total	62401	100	615	100	35	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 11/11/2021 up to midnight on 24/11/2021

Date	Number of confirmed cases
11/11/2021	5480
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	4764
Total	62,401

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 (11/11/2021 to 24/11/2021)

