



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 23/11/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 09/11/2021 up to midnight on 22/11/2021

	Number	Percent
Total number of confirmed cases	60,399	
National incidence of confirmed cases per 100,000	1268.4	
Number of cases hospitalised*	664	1.10
Number of cases admitted to ICU*	34	0.06
Number of cases in healthcare workers	695	1.15
% where HCW is known	3.6	
Number of cases associated with clusters**	822	1.36
Males	30,100	49.8
Females	30,201	50.0
M:F ratio	1.00	
Median age (years)	34	
Mean age (years)	34	
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 09/11/2021 up to midnight on 22/11/2021. 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 23/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

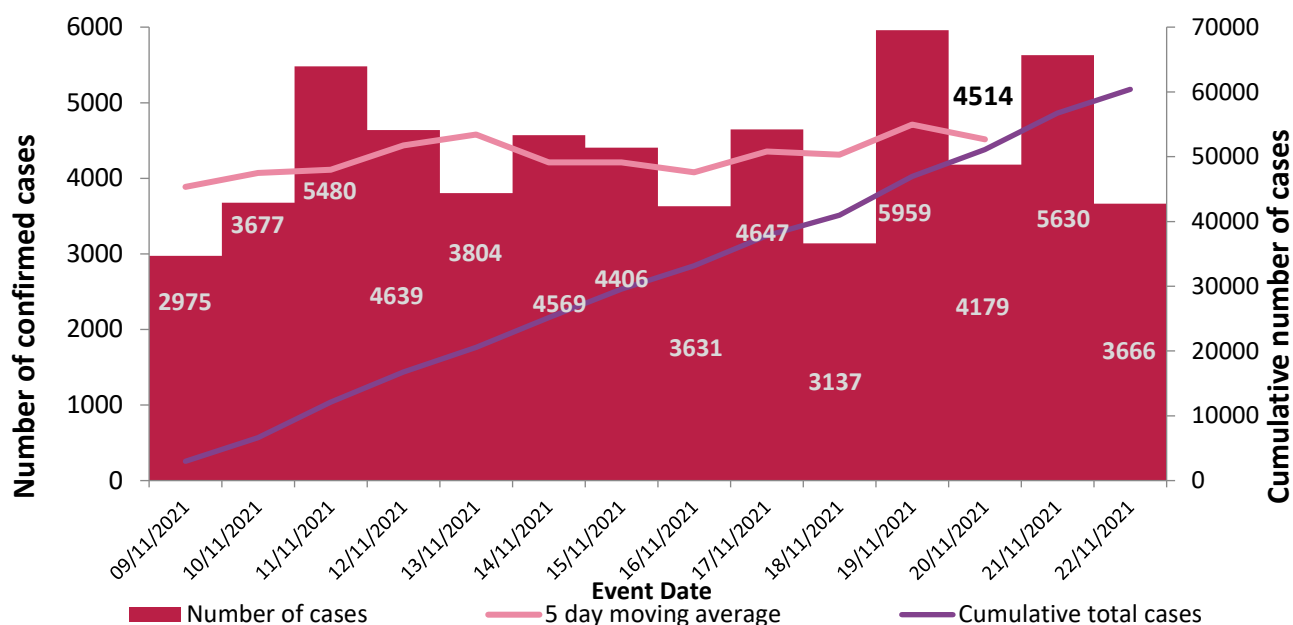


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=60399)

*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/) (<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.

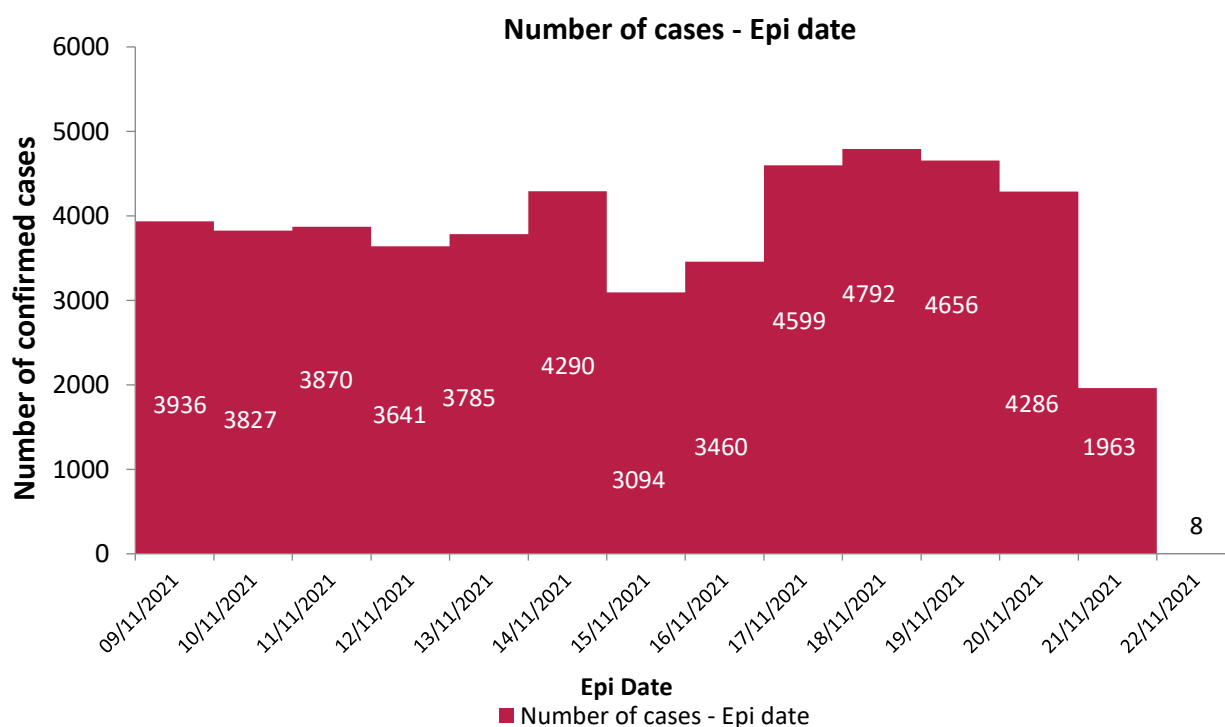


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 09/11/2021 up to midnight on 22/11/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		60,399	100
Sex	Male	30,100	49.8
	Female	30,201	50.0
	Unknown	98	0.2
Age	Median age (years)	34	
	Mean age (years)	34	
	Age range (years)	0-102	
	0-4 yrs	2892	4.8
	5-12 yrs	10154	16.8
	13-18 yrs	3450	5.7
	19-24 yrs	5658	9.4
	25-34 yrs	8947	14.8
	35-44 yrs	10739	17.8
	45-54 yrs	7920	13.1
	55-64 yrs	5670	9.4
	65-74 yrs	3595	6.0
	75-84 yrs	1126	1.9
	85+ yrs	242	0.4
	Unknown	6	
	Total	60,399	

Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 09/11/2021 up to midnight on 22/11/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		60,399	100	
Symptom status at time of test*	Yes	16928	28.0	97.1
	No	497	0.8	2.9
	Unknown	42,974	71.2	
	Total cases where known	17425		
Healthcare worker	Yes	695	1.2	3.6
	No	18828	31.2	96.4
	Unknown	40,876	67.7	
	Total cases where known	19523		

*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.

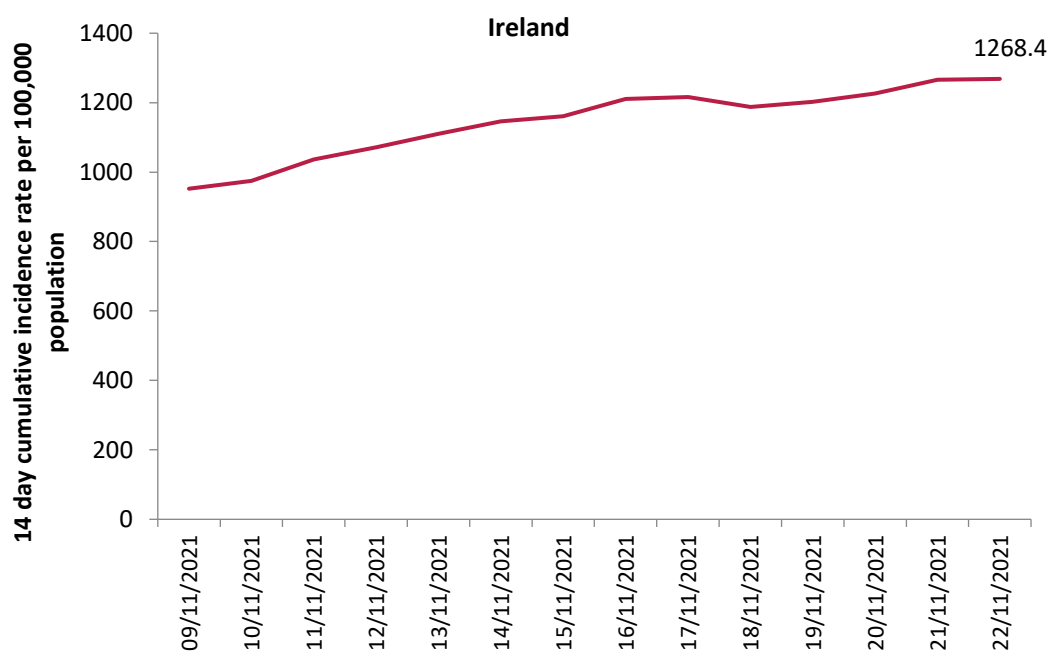


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 09/11/2021 up to midnight on 22/11/2021

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 09/11/2021 up to midnight on 22/11/2021, 7 day numbers are reported from 16/11/2021 up to midnight on 22/11/2021

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 (18/11/2021 - 22/11/2021)
Westmeath	807	909.1	1572	1770.9	51.34	118
Carlow	472	829.1	951	1670.4	49.63	65
Louth	1,047	812.4	2220	1722.5	47.16	163
Longford	325	795.1	604	1477.7	53.81	46
Dublin	9,733	722.4	18197	1350.6	53.49	1454
Kilkenny	715	720.5	1414	1424.9	50.57	102
Cavan	541	710.2	1058	1388.9	51.13	77
Waterford	820	705.8	1648	1418.5	49.76	125
Tipperary	1,049	657.5	1975	1237.8	53.11	148
Cork	3,499	644.5	6886	1268.4	50.81	526
Mayo	823	630.6	1492	1143.2	55.16	121
Leitrim	200	624.1	427	1332.5	46.84	26
Monaghan	380	619.0	620	1010.0	61.29	56
Meath	1,201	615.8	2572	1318.7	46.70	161
Donegal	940	590.5	1815	1140.1	51.79	134
Roscommon	378	585.6	692	1072.1	54.62	47
Clare	691	581.6	1361	1145.5	50.77	96
Kildare	1,293	581.1	2589	1163.6	49.94	186
Kerry	847	573.4	1775	1201.7	47.72	121
Offaly	440	564.4	903	1158.3	48.73	60
Galway	1,405	544.5	2886	1118.4	48.68	193
Sligo	355	541.7	787	1200.9	45.11	46
Limerick	1,035	531.0	2045	1049.3	50.61	150
Laois	442	521.9	930	1098.0	47.53	63
Wexford	757	505.6	1548	1033.9	48.90	128
Wicklow	654	459.2	1432	1005.4	45.67	102
Unknown/Other						
Total	30,849	647.8	60399	1268.4	51.08	4514

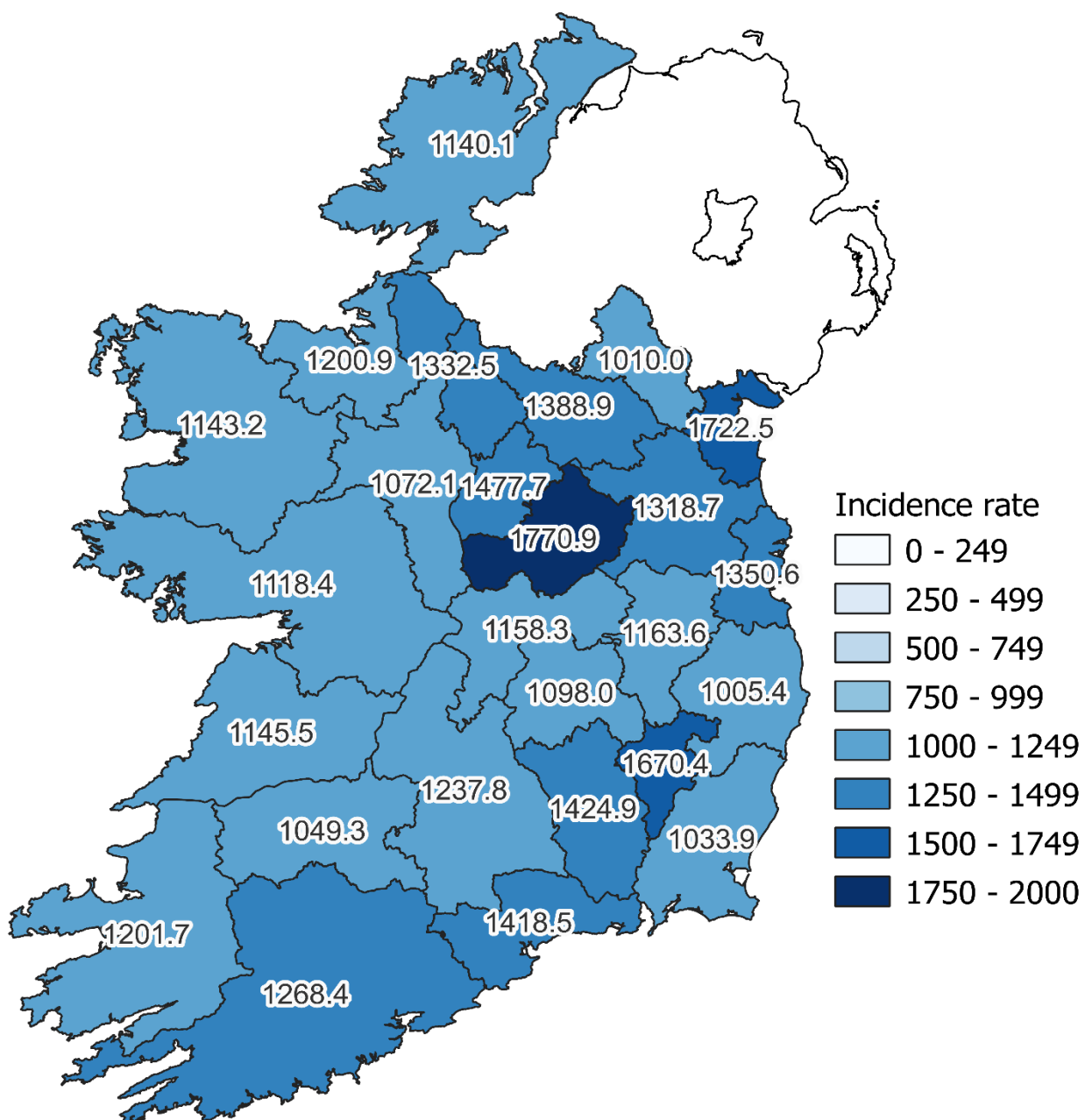


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 09/11/2021 up to midnight on 22/11/2021

Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 09/11/2021 up to midnight on 22/11/2021,by age group, hospitalisation and ICU admission*

Most likely transmission source	Number of cases	Percent
Travel related*	166	0.3
Close contact with a known confirmed case	9529	15.8
Healthcare setting acquired: patient	105	0.2
Healthcare setting acquired: staff	101	0.2
Community transmission	8139	13.5
Under investigation	42,359	70.1
Total cases with known most likely transmission source	18040	
Total	60,399	

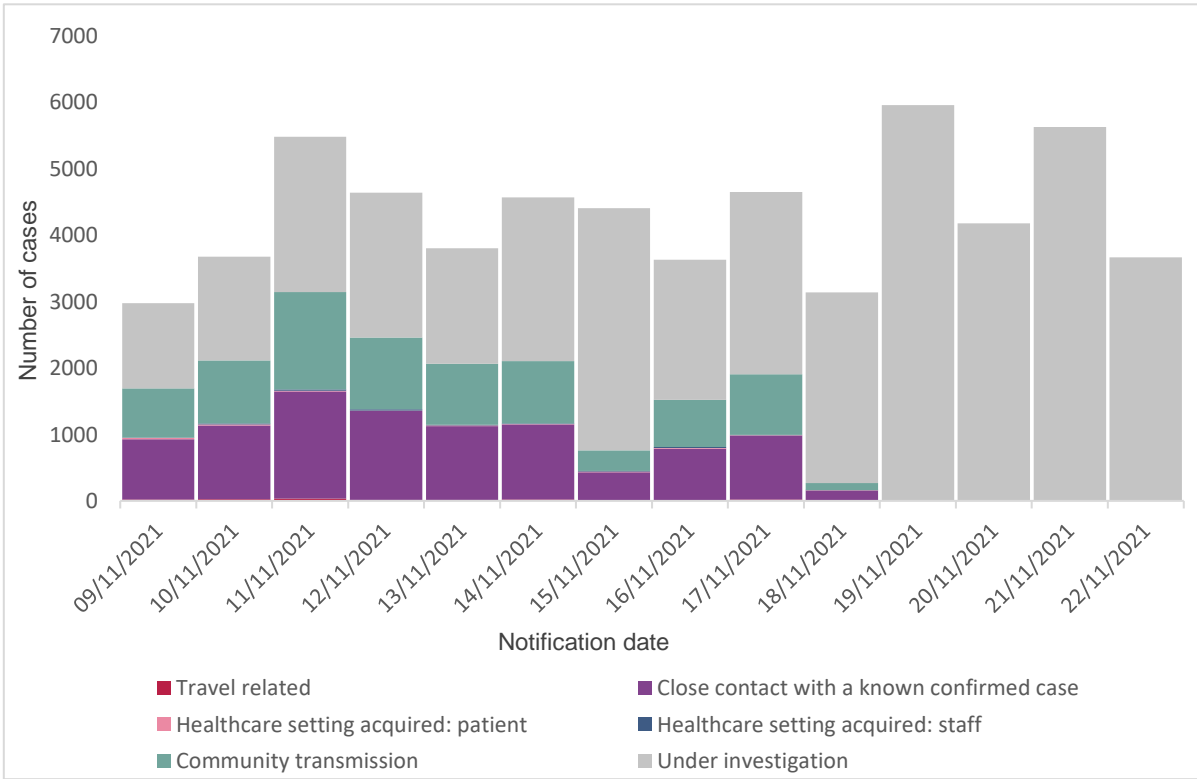


Figure 4: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 09/11/2021 up to midnight on 22/11/2021

*Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases

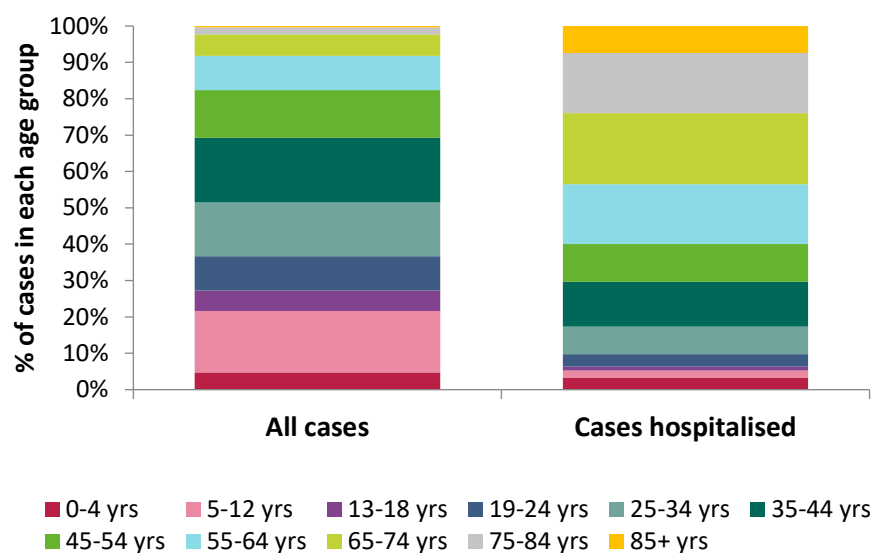


Figure 5: Percentage of confirmed cases of COVID-19 notified in Ireland from 09/11/2021 up to midnight on 22/11/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 09/11/2021 up to midnight on 22/11/2021, 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	2892	4.8	22	3.3	<5	-
5-12 yrs	10154	16.8	13	2.0	<5	-
13-18 yrs	3450	5.7	7	1.1	0	0.0
19-24 yrs	5658	9.4	23	3.5	<5	-
25-34 yrs	8947	14.8	50	7.5	<5	-
35-44 yrs	10739	17.8	82	12.3	5	14.7
45-54 yrs	7920	13.1	69	10.4	<5	-
55-64 yrs	5670	9.4	109	16.4	6	17.6
65-74 yrs	3595	6.0	130	19.6	8	23.5
75-84 yrs	1126	1.9	110	16.6	<5	-
85+ yrs	242	0.4	49	7.4	0	0.0
Unknown	6	0.0	0	0.0	0	0.0
Total	60399	100	664	100	34	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 09/11/2021 up to midnight on 22/11/2021

Date	Number of confirmed cases
09/11/2021	2975
10/11/2021	3677
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	3666
Total	60,399

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 (09/11/2021 to 22/11/2021)

