



# Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 19/11/2021

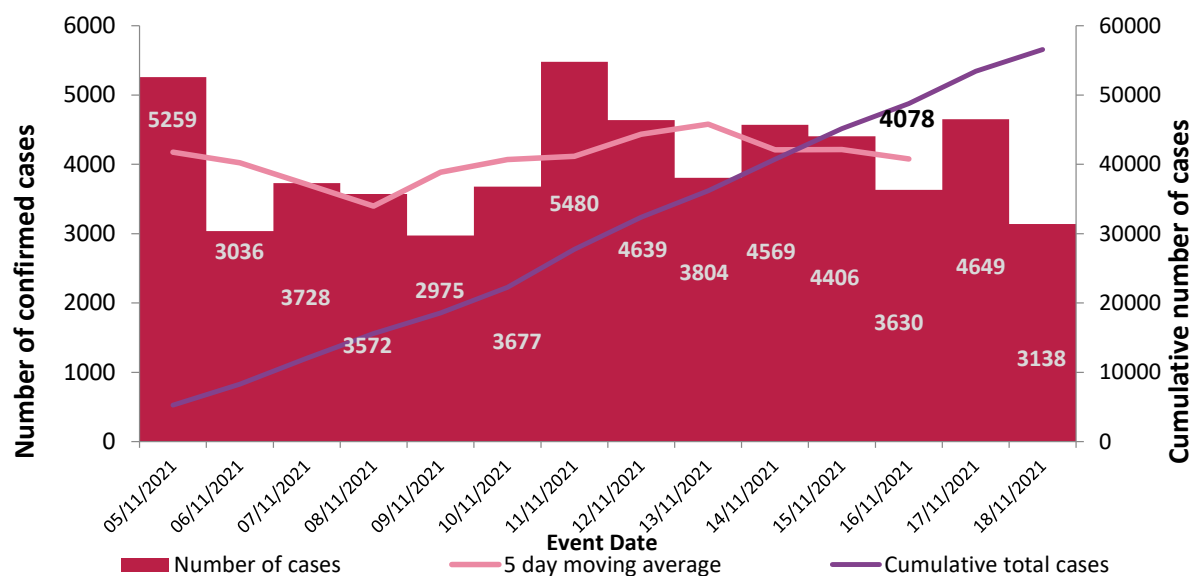
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 05/11/2021 up to midnight on 18/11/2021

	Number	Percent
Total number of confirmed cases	56,562	
National incidence of confirmed cases per 100,000	1187.8	
Number of cases hospitalised*	698	1.23
Number of cases admitted to ICU*	42	0.07
Number of cases in healthcare workers	901	1.59
% where HCW is known	3.6	
Number of cases associated with clusters**	835	1.48
Males	28,022	49.5
Females	28,455	50.3
M:F ratio	0.98	
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

\*\*Cases may be associated with outbreaks notified outside the timeframe of this report from 05/11/2021 up to midnight on 18/11/2021

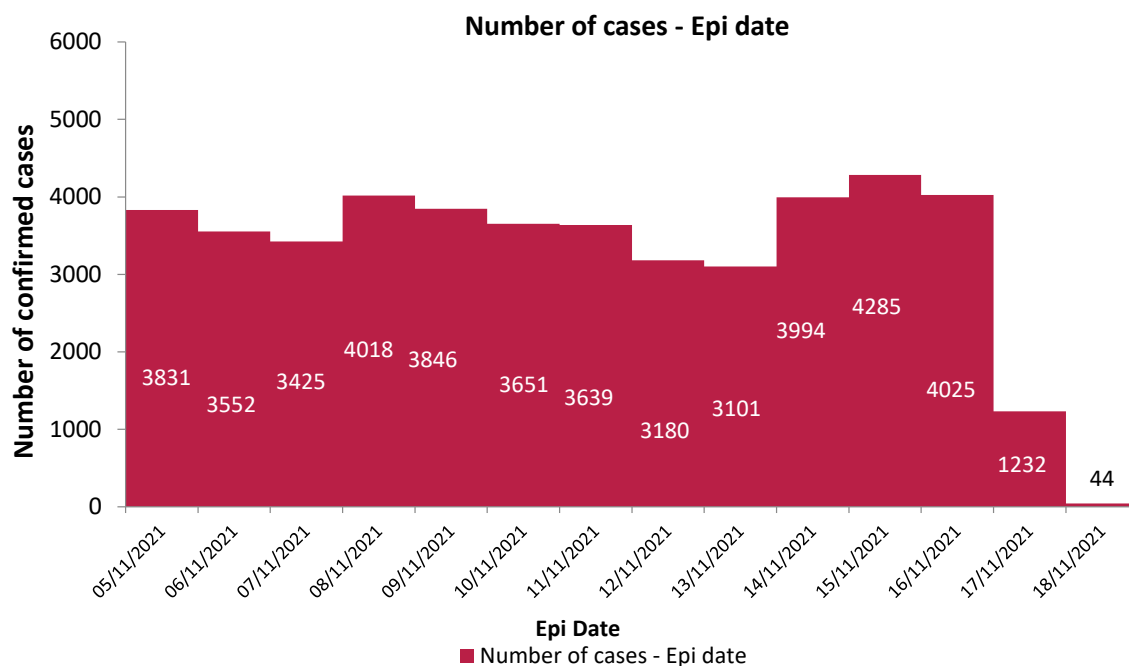
**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 19/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**



**Figure 1a. Daily number\* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=56562)**

\*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.

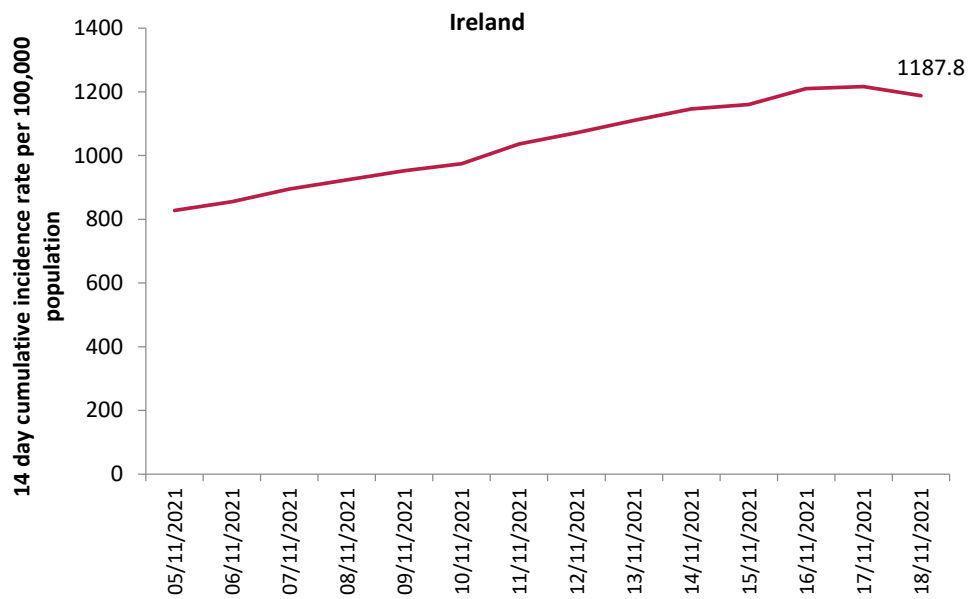
**Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 05/11/2021 up to midnight on 18/11/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		56,562	100
<b>Sex</b>	Male	28,022	49.5
	Female	28,455	50.3
	Unknown	85	0.2
<b>Age</b>	Median age (years)	34	
	Mean age (years)	34	
	Age range (years)	0-102	
	0-4 yrs	2709	4.8
	5-12 yrs	8870	15.7
	13-18 yrs	3296	5.8
	19-24 yrs	5871	10.4
	25-34 yrs	8386	14.8
	35-44 yrs	9773	17.3
	45-54 yrs	7380	13.0
	55-64 yrs	5466	9.7
	65-74 yrs	3444	6.1
	75-84 yrs	1136	2.0
	85+ yrs	230	0.4
	Unknown	1	
	Total	56,562	

**Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 05/11/2021 up to midnight on 18/11/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		56,562	100	
<b>Symptom status at time of test*</b>	Yes	21481	38.0	92.6
	No	1726	3.1	7.4
	Unknown	33,355	59.0	
	Total cases where known	23207		
<b>Healthcare worker</b>	Yes	901	1.6	3.6
	No	23833	42.1	96.4
	Unknown	31,828	56.3	
	Total cases where known	24734		

\*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.

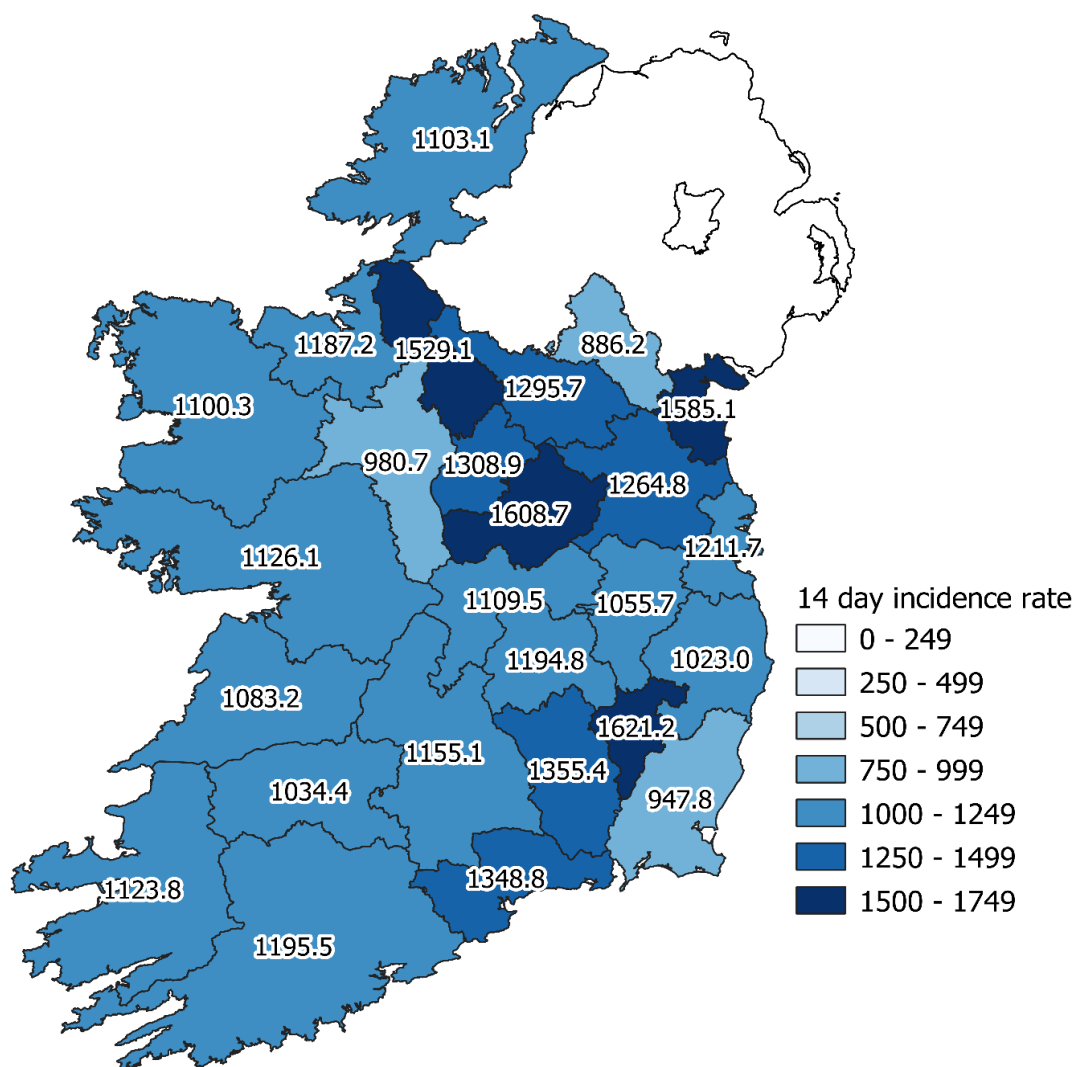


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 05/11/2021 up to midnight on 18/11/2021**

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 05/11/2021 up to midnight on 18/11/2021, 7 day numbers are reported from 12/11/2021 up to midnight on 18/11/2021**

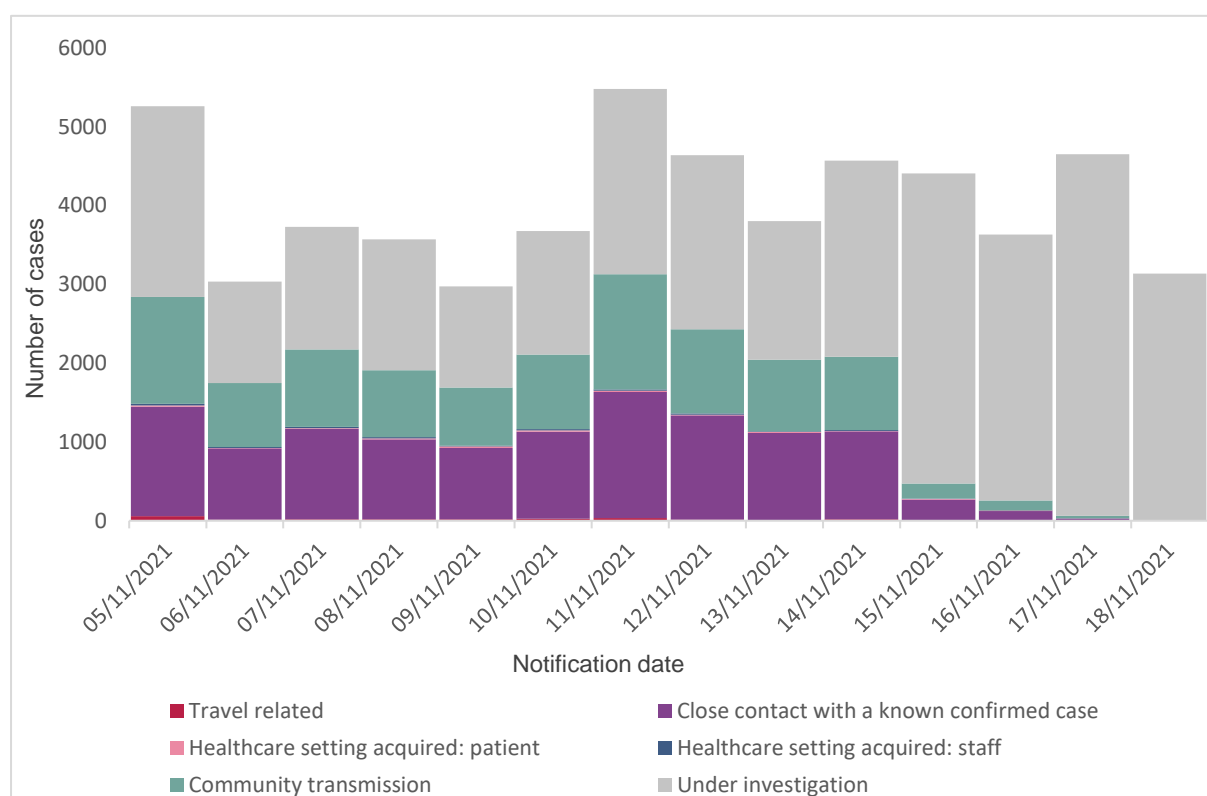
County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (14/11/2021 - 18/11/2021)
Carlow	472	829.1	923	1621.2	51.14	67
Westmeath	698	786.3	1428	1608.7	48.88	103
Louth	975	756.5	2043	1585.1	47.72	128
Kilkenny	742	747.7	1345	1355.4	55.17	105
Waterford	826	711.0	1567	1348.8	52.71	118
Cavan	529	694.4	987	1295.7	53.60	77
Offaly	538	690.1	865	1109.5	62.20	70
Longford	274	670.4	535	1308.9	51.21	39
Dublin	8,808	653.7	16326	1211.7	53.95	1263
Meath	1,244	637.8	2467	1264.8	50.43	172
Tipperary	968	606.7	1843	1155.1	52.52	137
Sligo	386	589.0	778	1187.2	49.61	50
Cork	3,138	578.0	6490	1195.5	48.35	435
Clare	684	575.7	1287	1083.2	53.15	99
Kerry	847	573.4	1660	1123.8	51.02	115
Leitrim	183	571.1	490	1529.1	37.35	25
Roscommon	362	560.9	633	980.7	57.19	52
Kildare	1,233	554.1	2349	1055.7	52.49	169
Galway	1,380	534.8	2906	1126.1	47.49	185
Laois	449	530.1	1012	1194.8	44.37	58
Monaghan	316	514.8	544	886.2	58.09	47
Wicklow	725	509.0	1457	1023.0	49.76	106
Mayo	648	496.5	1436	1100.3	45.13	96
Limerick	963	494.1	2016	1034.4	47.77	142
Wexford	715	477.6	1419	947.8	50.39	109
Donegal	732	459.8	1756	1103.1	41.69	108
Unknown/Other						
<b>Total</b>	<b>28,835</b>	<b>605.5</b>	<b>56562</b>	<b>1187.8</b>	<b>50.98</b>	<b>4078</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 05/11/2021 up to midnight on 18/11/2021**

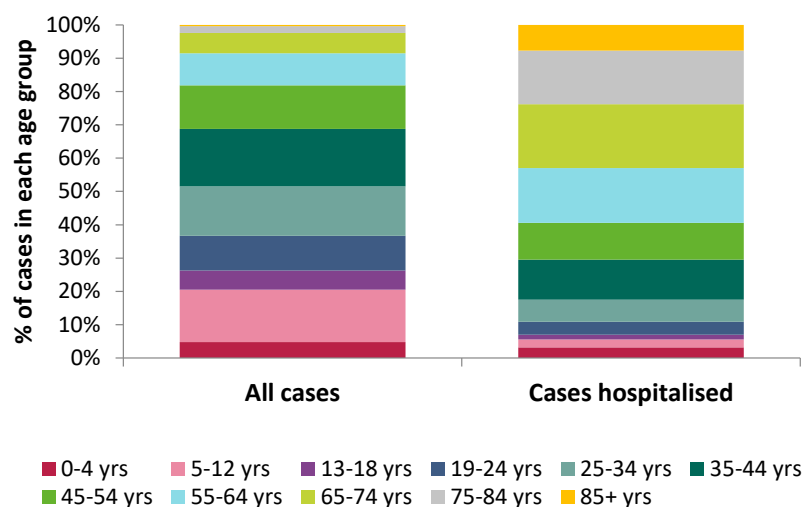
**Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 05/11/2021 up to midnight on 18/11/2021, by age group, hospitalisation and ICU admission\***

Most likely transmission source	Number of cases	Percent
Travel related*	231	0.4
Close contact with a known confirmed case	12031	21.3
Healthcare setting acquired: patient	132	0.2
Healthcare setting acquired: staff	146	0.3
Community transmission	10402	18.4
Under investigation	33,620	59.4
Total cases with known most likely transmission source	22942	
<b>Total</b>	<b>56,562</b>	



**Figure 4: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 05/11/2021 up to midnight on 18/11/2021**

\*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 05/11/2021 up to midnight on 18/11/2021, 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 05/11/2021 up to midnight on 18/11/2021, 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	2709	4.8	22	3.2	<5	-
5-12 yrs	8870	15.7	17	2.4	<5	-
13-18 yrs	3296	5.8	10	1.4	<5	-
19-24 yrs	5871	10.4	27	3.9	0	0.0
25-34 yrs	8386	14.8	46	6.6	<5	-
35-44 yrs	9773	17.3	84	12.0	7	16.7
45-54 yrs	7380	13.0	77	11.0	5	11.9
55-64 yrs	5466	9.7	115	16.5	9	21.4
65-74 yrs	3444	6.1	134	19.2	9	21.4
75-84 yrs	1136	2.0	112	16.0	<5	-
85+ yrs	230	0.4	54	7.7	0	0.0
Unknown	1	0.0	0	0.0	0	0.0
<b>Total</b>	<b>56562</b>	<b>100</b>	<b>698</b>	<b>100</b>	<b>42</b>	<b>100</b>

\* 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 05/11/2021 up to midnight on 18/11/2021**

Date	Number of confirmed cases
05/11/2021	5259
06/11/2021	3036
07/11/2021	3728
08/11/2021	3572
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	3630
17/11/2021	4649
18/11/2021	3138
<b>Total</b>	<b>56,562</b>

## **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  $\geq 85$  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 (05/11/2021 to 18/11/2021)**

