



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

Report prepared by HPSC on 17/11/2021

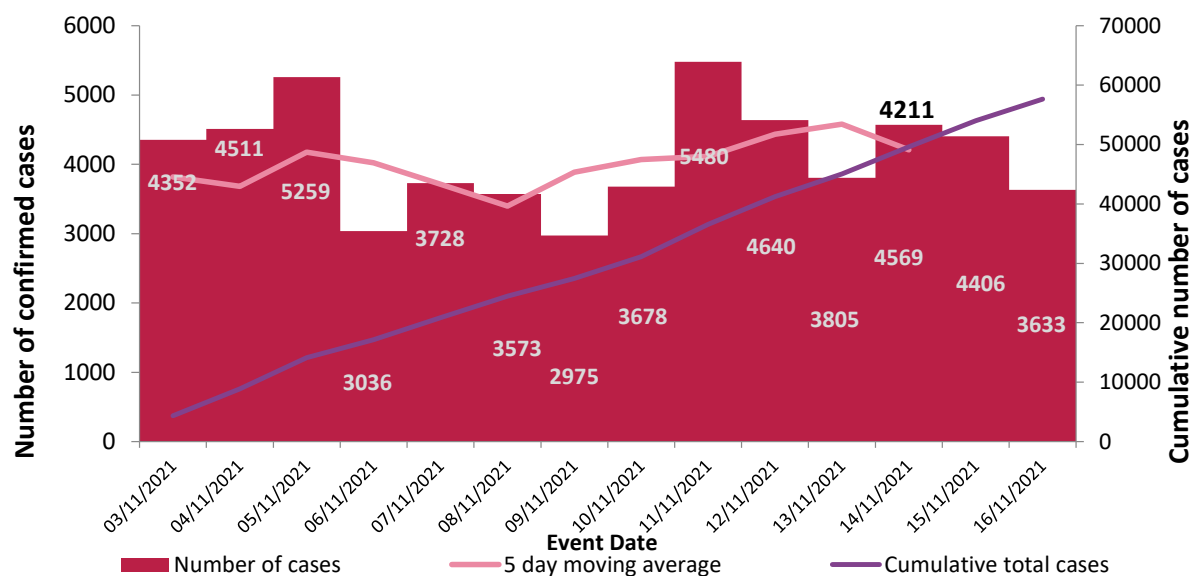
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 03/11/2021 up to midnight on 16/11/2021

	Number	Percent
Total number of confirmed cases	57,645	
National incidence of confirmed cases per 100,000	1210.6	
Number of cases hospitalised*	702	1.22
Number of cases admitted to ICU*	45	0.08
Number of cases in healthcare workers	1031	1.79
% where HCW is known	3.8	
Number of cases associated with clusters**	861	1.49
Males	28,310	49.1
Females	29,223	50.7
M:F ratio	0.97	
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 03/11/2021 up to midnight on 16/11/2021

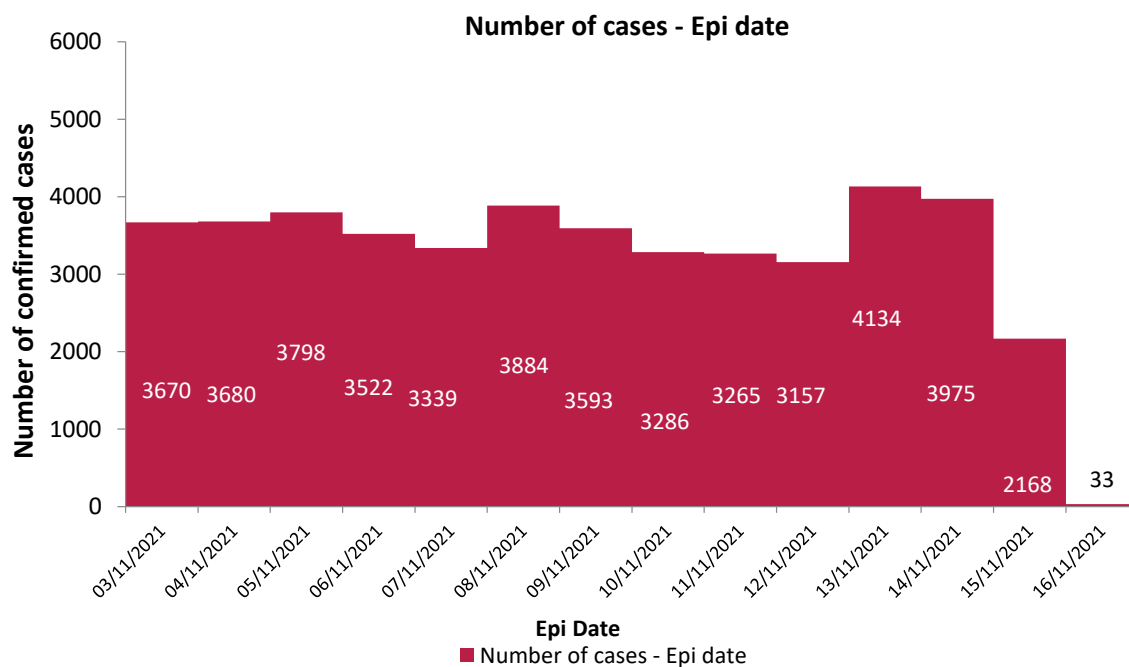
**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 17/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**



**Figure 1a. Daily number\* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=57645)**

\*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.

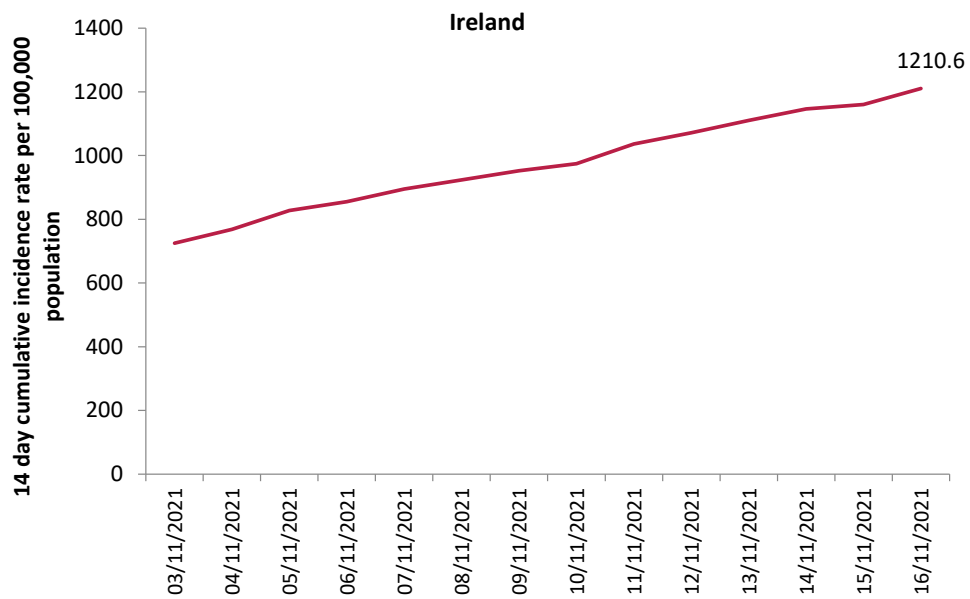
**Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 03/11/2021 up to midnight on 16/11/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		57,645	100
<b>Sex</b>	Male	28,310	49.1
	Female	29,223	50.7
	Unknown	112	0.2
<b>Age</b>	Median age (years)	34	
	Mean age (years)	34	
	Age range (years)	0-102	
	0-4 yrs	2661	4.6
	5-12 yrs	8625	15.0
	13-18 yrs	3512	6.1
	19-24 yrs	6127	10.6
	25-34 yrs	8635	15.0
	35-44 yrs	9919	17.2
	45-54 yrs	7561	13.1
	55-64 yrs	5625	9.8
	65-74 yrs	3567	6.2
	75-84 yrs	1184	2.1
	85+ yrs	227	0.4
	Unknown	2	
	Total	57,645	

**Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 03/11/2021 up to midnight on 16/11/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		57,645	100	
<b>Symptom status at time of test*</b>	Yes	23412	40.6	90.8
	No	2362	4.1	9.2
	Unknown	31,871	55.3	
	Total cases where known	25774		
<b>Healthcare worker</b>	Yes	1031	1.8	3.8
	No	25937	45.0	96.2
	Unknown	30,677	53.2	
	Total cases where known	26968		

\*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.

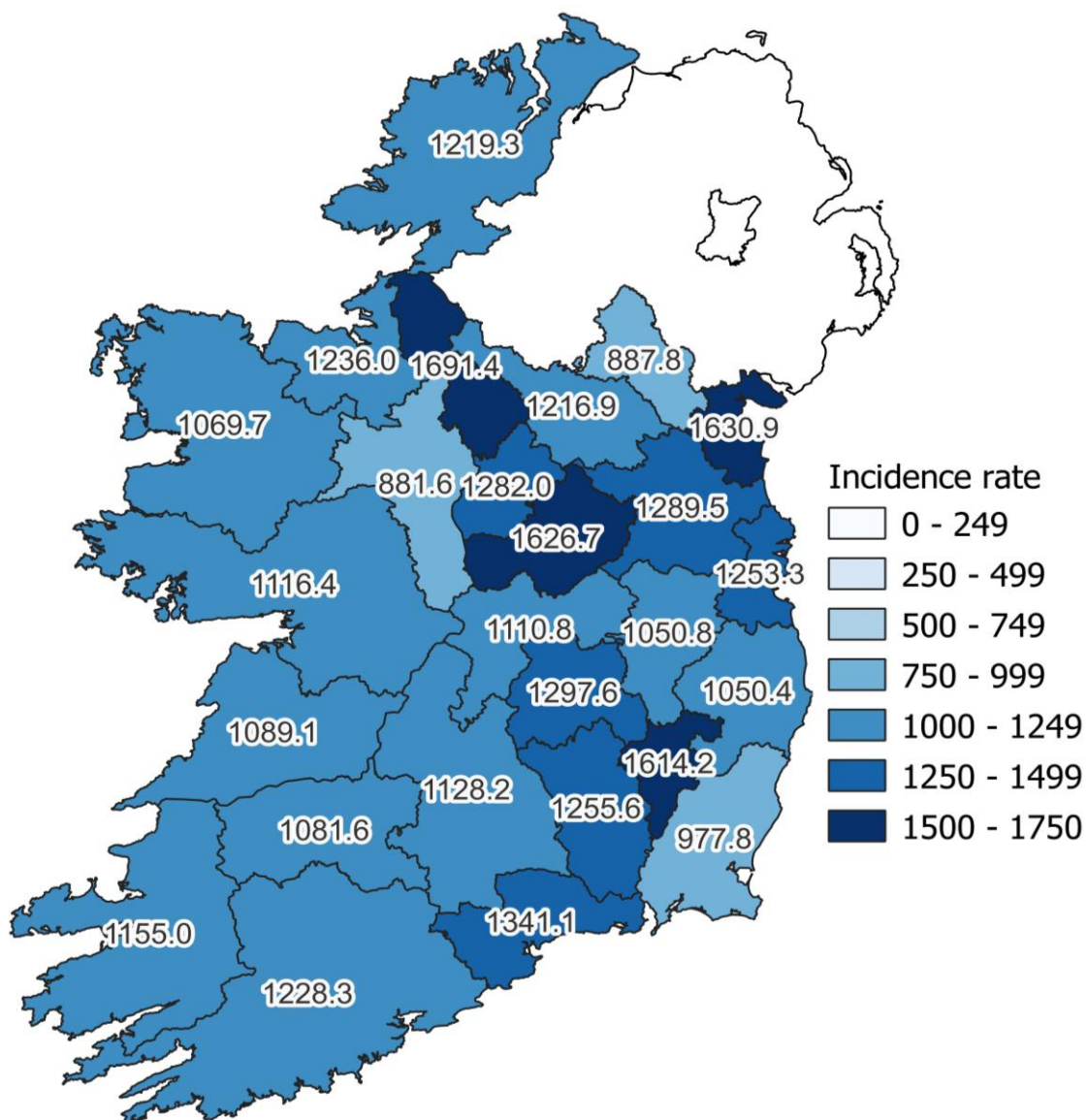


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 03/11/2021 up to midnight on 16/11/2021**

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 03/11/2021 up to midnight on 16/11/2021, 7 day numbers are reported from 10/11/2021 up to midnight on 16/11/2021**

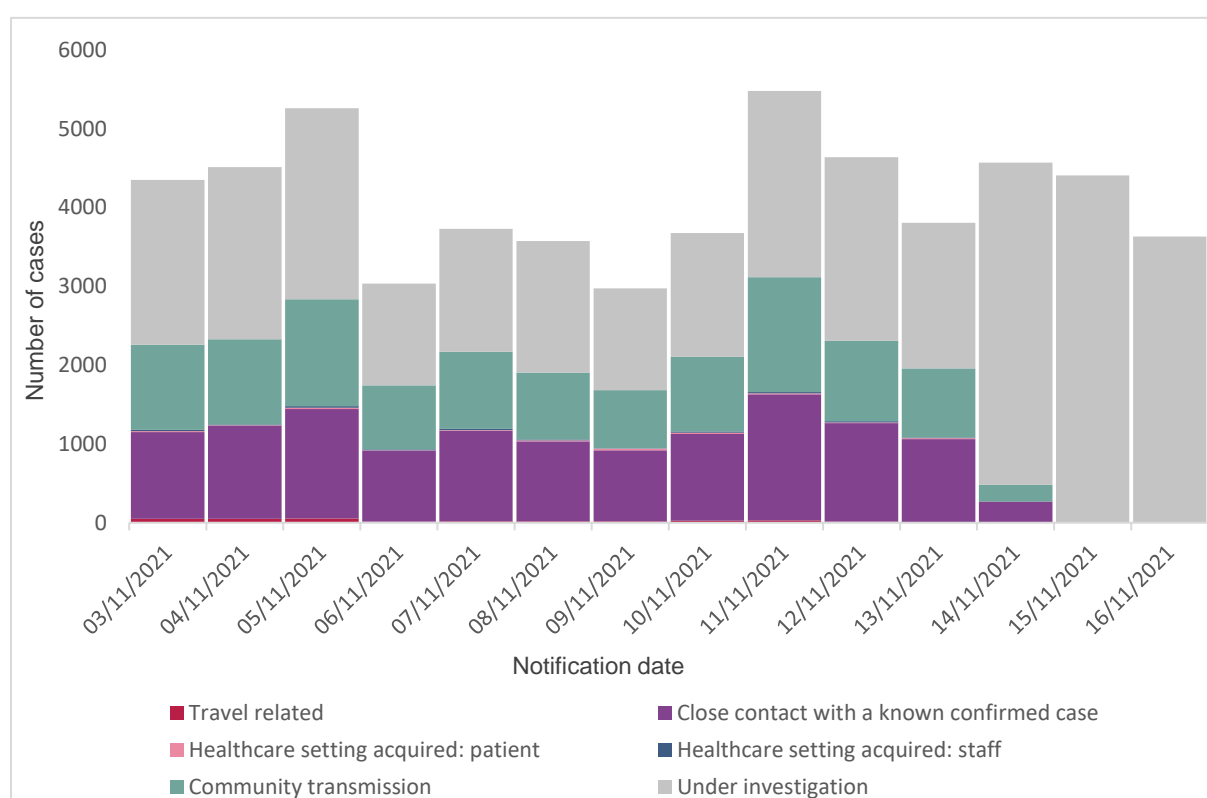
County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (12/11/2021 - 16/11/2021)
Carlow	525	922.2	919	1614.2	57.13	69
Westmeath	812	914.7	1444	1626.7	56.23	105
Louth	1,175	911.7	2102	1630.9	55.90	142
Leitrim	243	758.3	542	1691.4	44.83	29
Kilkenny	747	752.8	1246	1255.6	59.95	106
Cavan	545	715.4	927	1216.9	58.79	70
Sligo	465	709.5	810	1236.0	57.41	61
Meath	1,363	698.8	2515	1289.5	54.19	177
Waterford	789	679.1	1558	1341.1	50.64	119
Longford	275	672.8	524	1282.0	52.48	35
Dublin	8,913	661.5	16887	1253.3	52.78	1308
Offaly	497	637.5	866	1110.8	57.39	81
Cork	3,442	634.0	6668	1228.3	51.62	477
Kerry	935	633.0	1706	1155.0	54.81	124
Tipperary	971	608.6	1800	1128.2	53.94	138
Laois	509	601.0	1099	1297.6	46.31	65
Clare	698	587.5	1294	1089.1	53.94	100
Galway	1,453	563.1	2881	1116.4	50.43	195
Kildare	1,227	551.5	2338	1050.8	52.48	170
Limerick	1,058	542.8	2108	1081.6	50.19	145
Donegal	864	542.7	1941	1219.3	44.51	106
Mayo	669	512.6	1396	1069.7	47.92	85
Wicklow	711	499.2	1496	1050.4	47.53	109
Roscommon	313	484.9	569	881.6	55.01	45
Monaghan	296	482.2	545	887.8	54.31	44
Wexford	716	478.2	1464	977.8	48.91	107
Unknown/Other						
<b>Total</b>	<b>30,211</b>	<b>634.4</b>	<b>57645</b>	<b>1210.6</b>	<b>52.41</b>	<b>4211</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 03/11/2021 up to midnight on 16/11/2021**

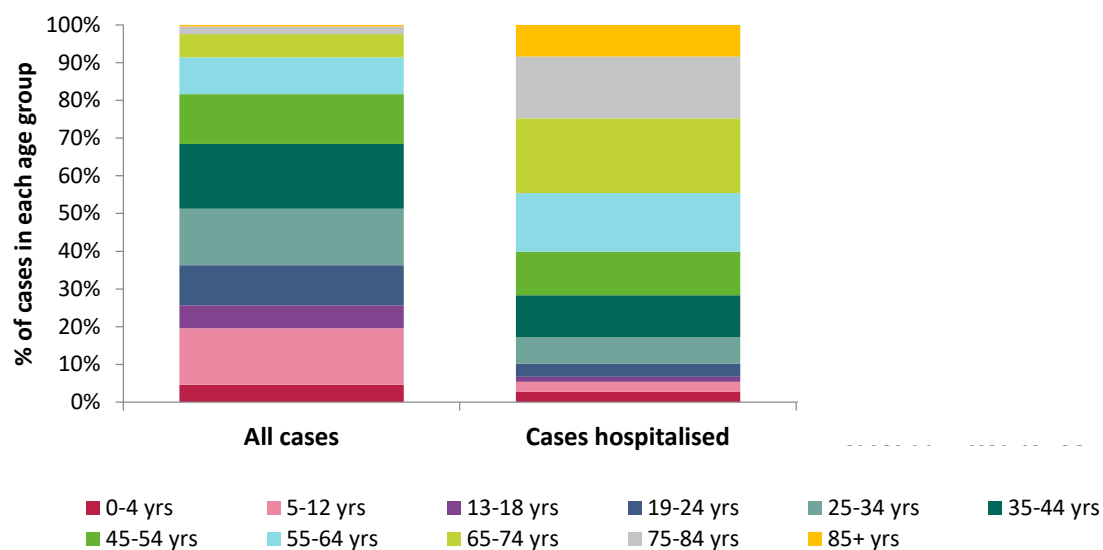
**Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 03/11/2021 up to midnight on 16/11/2021, by age group, hospitalisation and ICU admission\***

Most likely transmission source	Number of cases	Percent
Travel related*	309	0.5
Close contact with a known confirmed case	12896	22.4
Healthcare setting acquired: patient	131	0.2
Healthcare setting acquired: staff	158	0.3
Community transmission	11410	19.8
Under investigation	32,741	56.8
Total cases with known most likely transmission source	24904	
<b>Total</b>	<b>57,645</b>	



**Figure 4: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 03/11/2021 up to midnight on 16/11/2021**

\*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 03/11/2021 up to midnight on 16/11/2021, 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 03/11/2021 up to midnight on 16/11/2021, 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	2661	4.6	19	2.7	<5	-
5-12 yrs	8625	15.0	19	2.7	<5	-
13-18 yrs	3512	6.1	9	1.3	<5	-
19-24 yrs	6127	10.6	25	3.6	<5	-
25-34 yrs	8635	15.0	49	7.0	<5	-
35-44 yrs	9919	17.2	78	11.1	8	17.8
45-54 yrs	7561	13.1	81	11.5	6	13.3
55-64 yrs	5625	9.8	109	15.5	9	20.0
65-74 yrs	3567	6.2	139	19.8	9	20.0
75-84 yrs	1184	2.1	115	16.4	6	13.3
85+ yrs	227	0.4	59	8.4	<5	-
Unknown	2	0.0	0	0.0	0	0.0
<b>Total</b>	<b>57645</b>	<b>100</b>	<b>702</b>	<b>100</b>	<b>45</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 03/11/2021 up to midnight on 16/11/2021**

Date	Number of confirmed cases
03/11/2021	4352
04/11/2021	4511
05/11/2021	5259
06/11/2021	3036
07/11/2021	3728
08/11/2021	3573
09/11/2021	2975
10/11/2021	3678
11/11/2021	5480
12/11/2021	4640
13/11/2021	3805
14/11/2021	4569
15/11/2021	4406
16/11/2021	3633
<b>Total</b>	<b>57,645</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 (03/11/2021 to 16/11/2021)**

