



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

Report prepared by HPSC on 16/11/2021

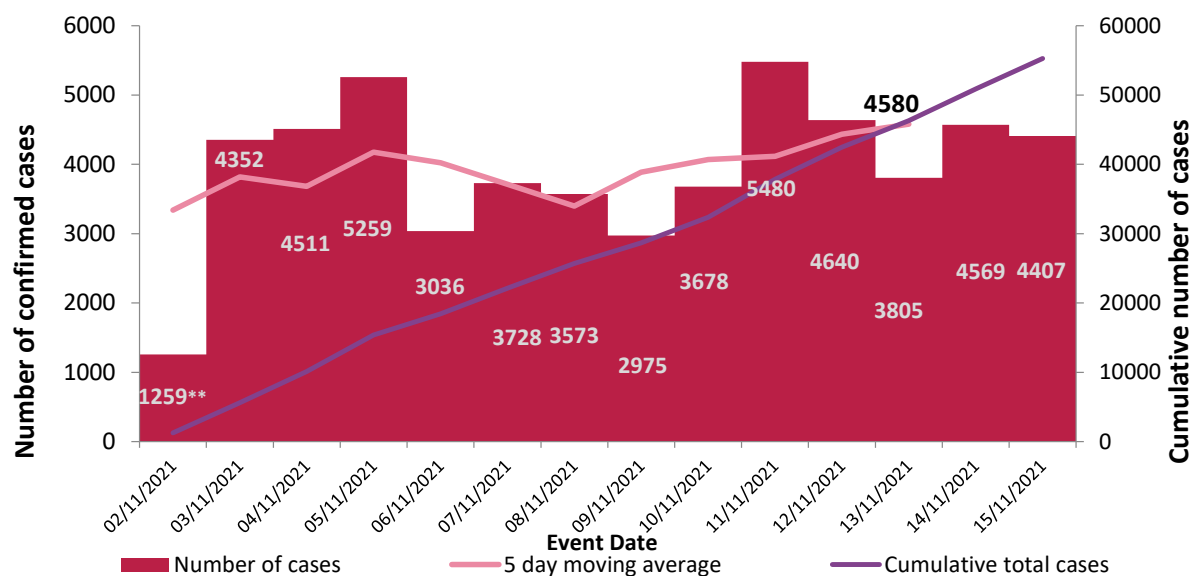
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 02/11/2021 up to midnight on 15/11/2021

	Number	Percent
Total number of confirmed cases	55,272	
National incidence of confirmed cases per 100,000	1160.7	
Number of cases hospitalised*	640	1.16
Number of cases admitted to ICU*	39	0.07
Number of cases in healthcare workers	891	1.61
% where HCW is known	3.8	
Number of cases associated with clusters**	714	1.29
Males	27,137	49.1
Females	28,043	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 02/11/2021 up to midnight on 15/11/2021

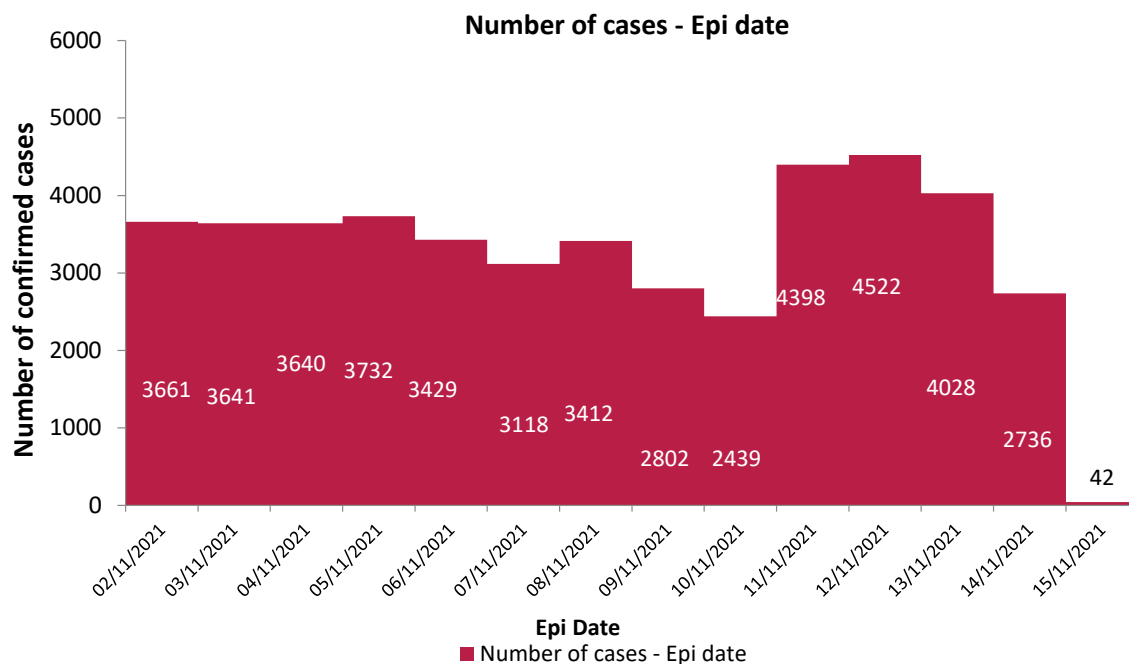
**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 16/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**



**Figure 1a. Daily number\* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=55272)**

\*Notifications of COVID-19 cases on CIDR may not correspond to the date of laboratory diagnosis. Notifications may be reduced at weekends. Cases diagnosed at weekends may be reflected in notifications early the following week

\*\* A technical issue impacted processing on CIDR on 2/11/2021 resulting in an artificially low number of notifications on the 2/11/2021 and an artificially high number on subsequent days



**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.

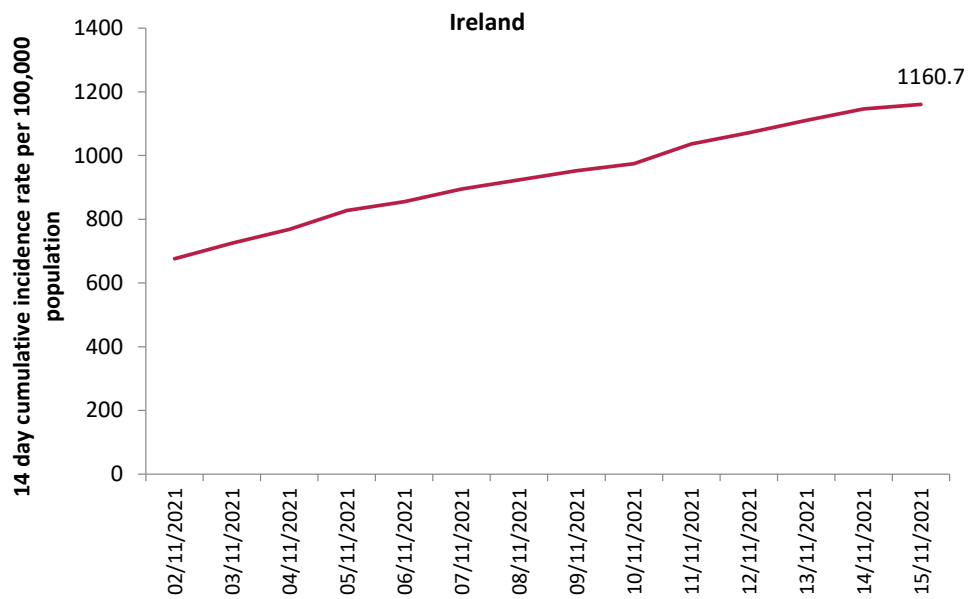
**Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 02/11/2021 up to midnight on 15/11/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		55,272	100
<b>Sex</b>	Male	27,137	49.1
	Female	28,043	50.7
	Unknown	92	0.2
<b>Age</b>	Median age (years)	34	
	Mean age (years)	34	
	Age range (years)	0-102	
	0-4 yrs	2515	4.6
	5-12 yrs	8107	14.7
	13-18 yrs	3367	6.1
	19-24 yrs	5965	10.8
	25-34 yrs	8319	15.1
	35-44 yrs	9531	17.2
	45-54 yrs	7272	13.2
	55-64 yrs	5416	9.8
	65-74 yrs	3429	6.2
	75-84 yrs	1130	2.0
	85+ yrs	219	0.4
	Unknown	2	
	Total	55,272	

**Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 02/11/2021 up to midnight on 15/11/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		55,272	100	
<b>Symptom status at time of test*</b>	Yes	20267	36.7	89.3
	No	2420	4.4	10.7
	Unknown	32,585	59.0	
	Total cases where known	22687		
<b>Healthcare worker</b>	Yes	891	1.6	3.8
	No	22454	40.6	96.2
	Unknown	31,927	57.8	
	Total cases where known	23345		

\*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.

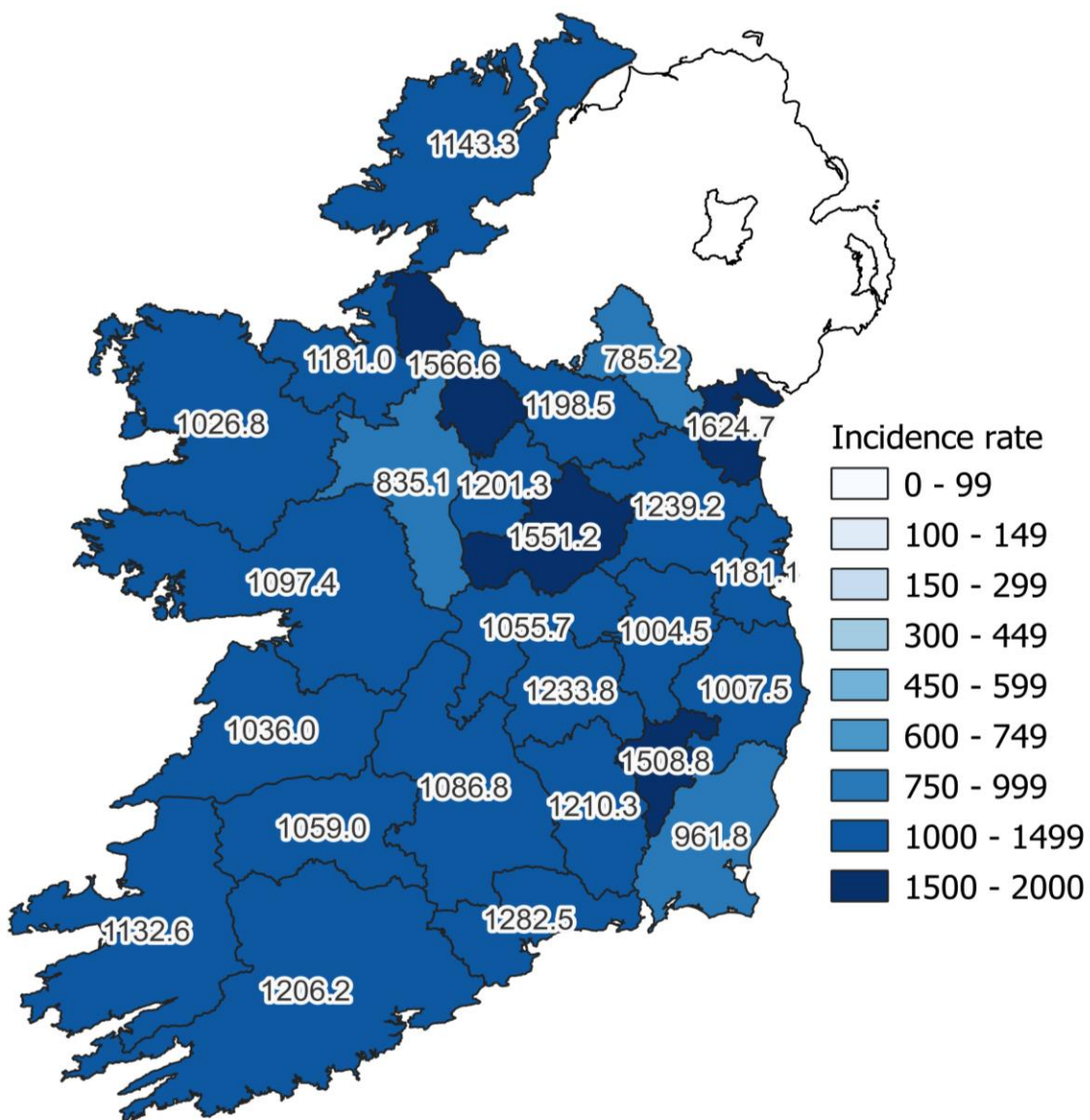


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 02/11/2021 up to midnight on 15/11/2021**

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 02/11/2021 up to midnight on 15/11/2021, 7 day numbers are reported from 09/11/2021 up to midnight on 15/11/2021**

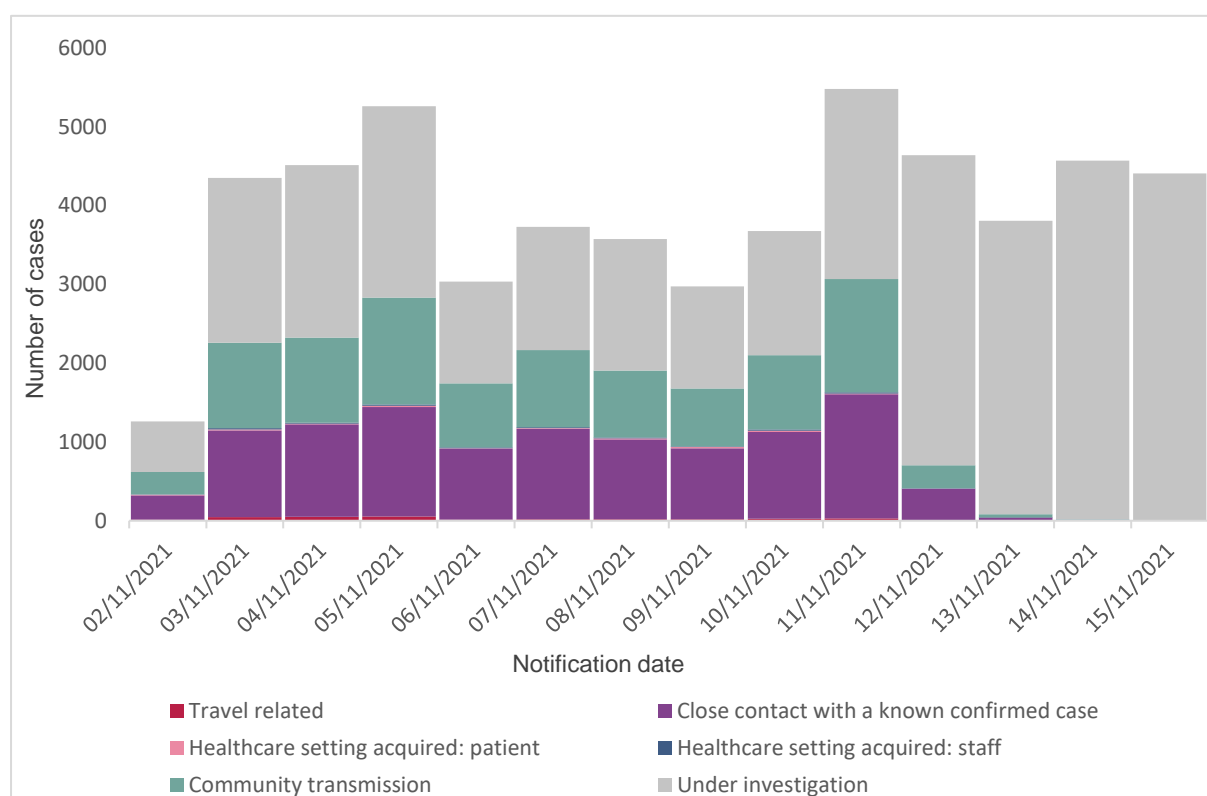
County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (11/11/2021 - 15/11/2021)
Louth	1,183	917.9	2094	1624.7	56.49	190
Westmeath	814	917.0	1377	1551.2	59.11	124
Carlow	476	836.1	859	1508.8	55.41	76
Waterford	827	711.9	1490	1282.5	55.50	127
Kilkenny	702	707.4	1201	1210.3	58.45	119
Leitrim	221	689.7	502	1566.6	44.02	32
Longford	281	687.5	491	1201.3	57.23	37
Cavan	518	680.0	913	1198.5	56.74	89
Sligo	441	672.9	774	1181.0	56.98	71
Meath	1,300	666.5	2417	1239.2	53.79	203
Kerry	939	635.7	1673	1132.6	56.13	143
Dublin	8,535	633.5	15913	1181.1	53.64	1354
Cork	3,367	620.2	6548	1206.2	51.42	534
Offaly	475	609.3	823	1055.7	57.72	75
Laois	490	578.5	1045	1233.8	46.89	68
Tipperary	919	576.0	1734	1086.8	53.00	144
Galway	1,475	571.6	2832	1097.4	52.08	221
Kildare	1,247	560.4	2235	1004.5	55.79	188
Clare	664	558.8	1231	1036.0	53.94	102
Donegal	871	547.1	1820	1143.3	47.86	108
Limerick	1,041	534.1	2064	1059.0	50.44	157
Wicklow	760	533.6	1435	1007.5	52.96	107
Wexford	791	528.3	1440	961.8	54.93	122
Mayo	666	510.3	1340	1026.8	49.70	102
Roscommon	309	478.7	539	835.1	57.33	48
Monaghan	242	394.2	482	785.2	50.21	40
Unknown/Other						
<b>Total</b>	<b>29,554</b>	<b>620.6</b>	<b>55272</b>	<b>1160.7</b>	<b>53.47</b>	<b>4580</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 02/11/2021 up to midnight on 15/11/2021**

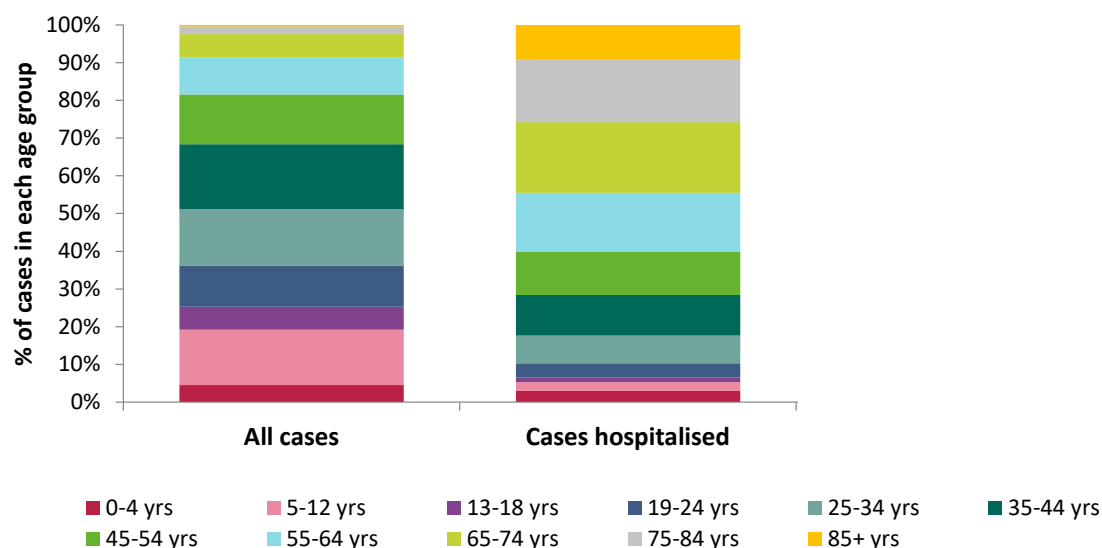
**Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 02/11/2021 up to midnight on 15/11/2021, by age group, hospitalisation and ICU admission\***

Most likely transmission source	Number of cases	Percent
Travel related*	291	0.5
Close contact with a known confirmed case	11063	20.0
Healthcare setting acquired: patient	114	0.2
Healthcare setting acquired: staff	131	0.2
Community transmission	9906	17.9
Under investigation	33,767	61.1
Total cases with known most likely transmission source	21505	
<b>Total</b>	<b>55,272</b>	



**Figure 4: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 02/11/2021 up to midnight on 15/11/2021**

\*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 02/11/2021 up to midnight on 15/11/2021, 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 02/11/2021 up to midnight on 15/11/2021, 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	2515	4.6	19	3.0	<5	-
5-12 yrs	8107	14.7	15	2.3	<5	-
13-18 yrs	3367	6.1	8	1.3	<5	-
19-24 yrs	5965	10.8	24	3.8	<5	-
25-34 yrs	8319	15.1	47	7.3	<5	-
35-44 yrs	9531	17.2	69	10.8	9	23.1
45-54 yrs	7272	13.2	73	11.4	6	15.4
55-64 yrs	5416	9.8	100	15.6	8	20.5
65-74 yrs	3429	6.2	120	18.8	6	15.4
75-84 yrs	1130	2.0	107	16.7	5	12.8
85+ yrs	219	0.4	58	9.1	<5	-
Unknown	2	0.0	0	0.0	0	0.0
<b>Total</b>	<b>55272</b>	<b>100</b>	<b>640</b>	<b>100</b>	<b>39</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 02/11/2021 up to midnight on 15/11/2021**

Date	Number of confirmed cases
02/11/2021	1259 *
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	4407
<b>Total</b>	<b>55,272</b>

\* A technical issue impacted processing on CIDR on 2/11/2021 resulting in an artificially low number of notifications on the 2/11/2021 and an artificially high number on subsequent days

## **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 (02/11/2021 to 15/11/2021)**

