



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

Report prepared by HPSC on 08/11/2021

**A technical issue impacted processing on CIDR on 2/11/2021 resulting in an artificially low number of notifications reported on CIDR on the 2/11/2021 and an artificially high number on subsequent days. Given the impact on CIDR notifications for these days, the daily case number announced since the 3/11/2021 has been based on SARS CoV-2 results uploaded to the COVID Care Tracker the preceding day. These data were provisional and do not represent notified cases. Reporting of daily case numbers from CIDR will resume shortly.**

**Data in this report are based on CIDR notifications.**

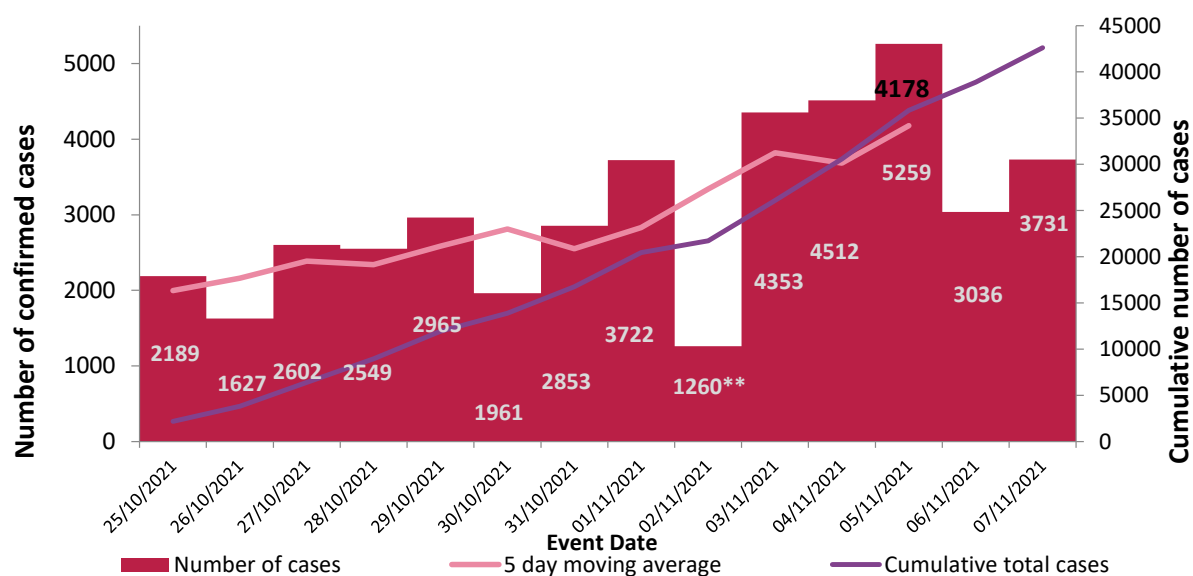
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 25/10/2021 up to midnight on 07/11/2021

	Number	Percent
Total number of confirmed cases	42,619	
National incidence of confirmed cases per 100,000	895.0	
Number of cases hospitalised*	519	1.22
Number of cases admitted to ICU*	30	0.07
Number of cases in healthcare workers	826	1.94
% where HCW is known	4.9	
Number of cases associated with clusters**	666	1.56
Males	20,818	48.8
Females	21,736	51.0
M:F ratio	0.96	
Median age (years)	35	
Mean age (years)	35	
Age range (years)	0-99	

\* 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 25/10/2021 up to midnight on 07/11/2021

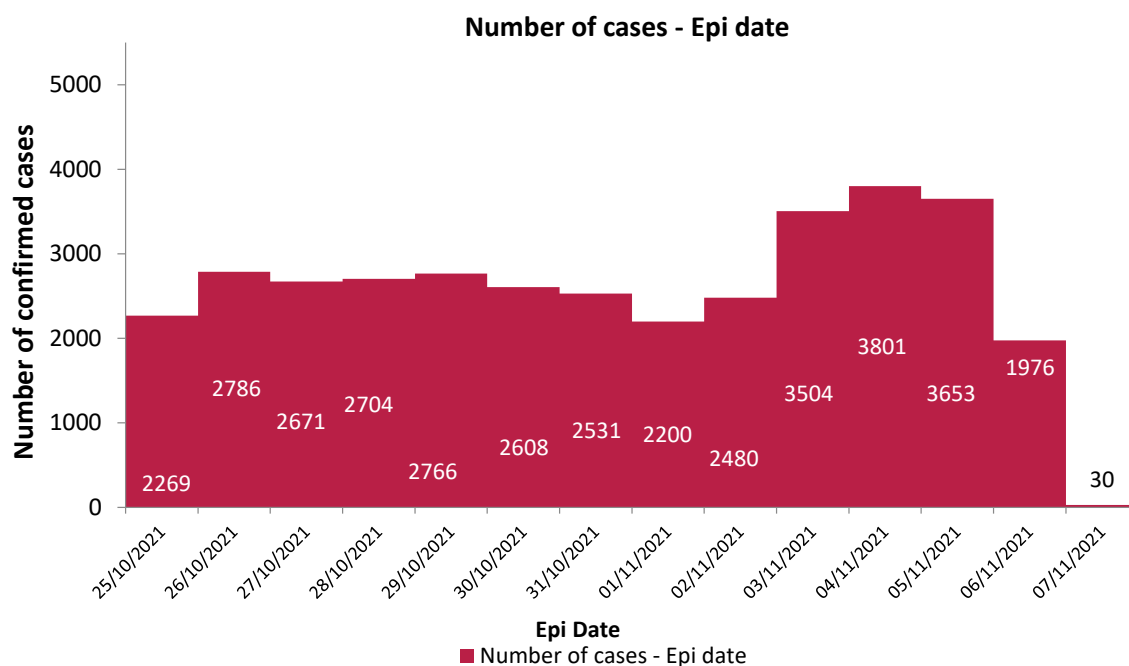
**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 08/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**



**Figure 1a. Daily number\* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=42619)**

\*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.

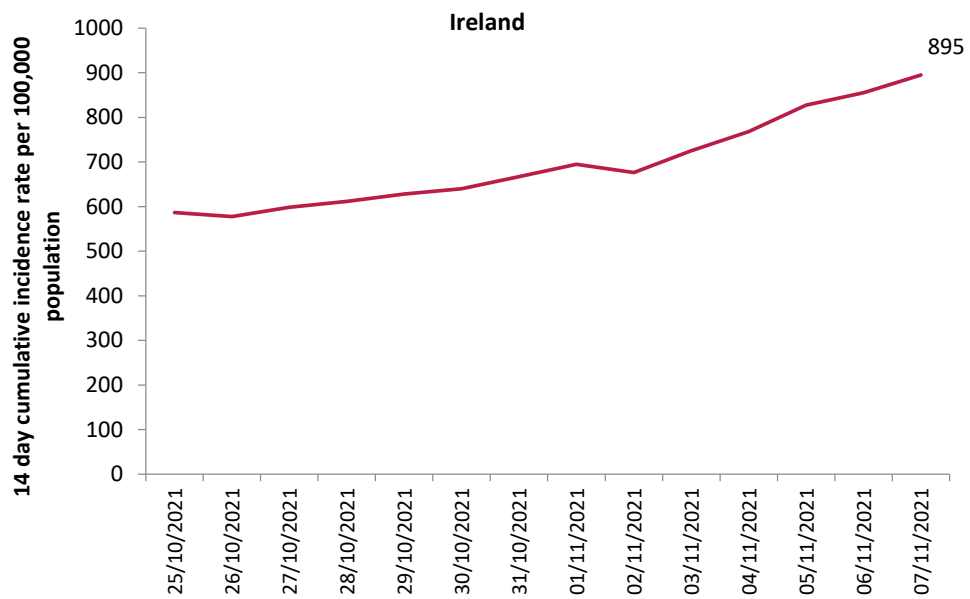
**Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 25/10/2021 up to midnight on 07/11/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		42,619	<b>100</b>
<b>Sex</b>	Male	20,818	48.8
	Female	21,736	51.0
	Unknown	65	0.2
<b>Age</b>	Median age (years)	35	
	Mean age (years)	35	
	Age range (years)	0-99	
	0-4 yrs	1768	4.1
	5-12 yrs	6012	14.1
	13-18 yrs	2538	6.0
	19-24 yrs	4403	10.3
	25-34 yrs	6376	15.0
	35-44 yrs	7456	17.5
	45-54 yrs	5630	13.2
	55-64 yrs	4271	10.0
	65-74 yrs	2934	6.9
	75-84 yrs	1005	2.4
	85+ yrs	223	0.5
	Unknown	3	
	Total	42,619	

**Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 25/10/2021 up to midnight on 07/11/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		42,619	<b>100</b>	
<b>Symptom status at time of test*</b>	Yes	14690	34.5	87.0
	No	2195	5.2	13.0
	Unknown	25,734	60.4	
	Total cases where known	16885		
<b>Healthcare worker</b>	Yes	826	1.9	4.9
	No	16171	37.9	95.1
	Unknown	25,622	60.1	
	Total cases where known	16997		

\*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.

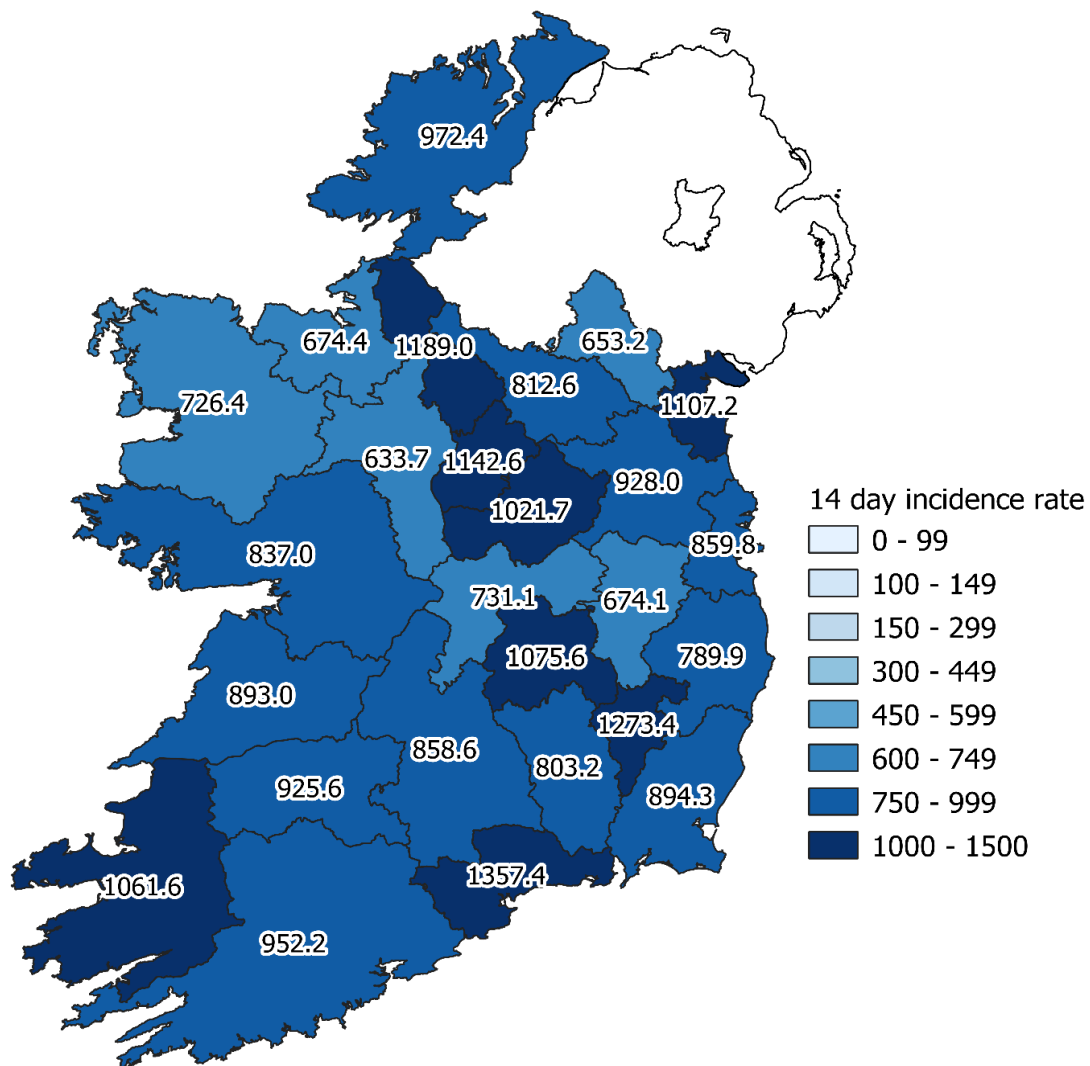


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 25/10/2021 up to midnight on 07/11/2021**

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 25/10/2021 up to midnight on 07/11/2021, 7 day numbers are reported from 01/11/2021 up to midnight on 07/11/2021**

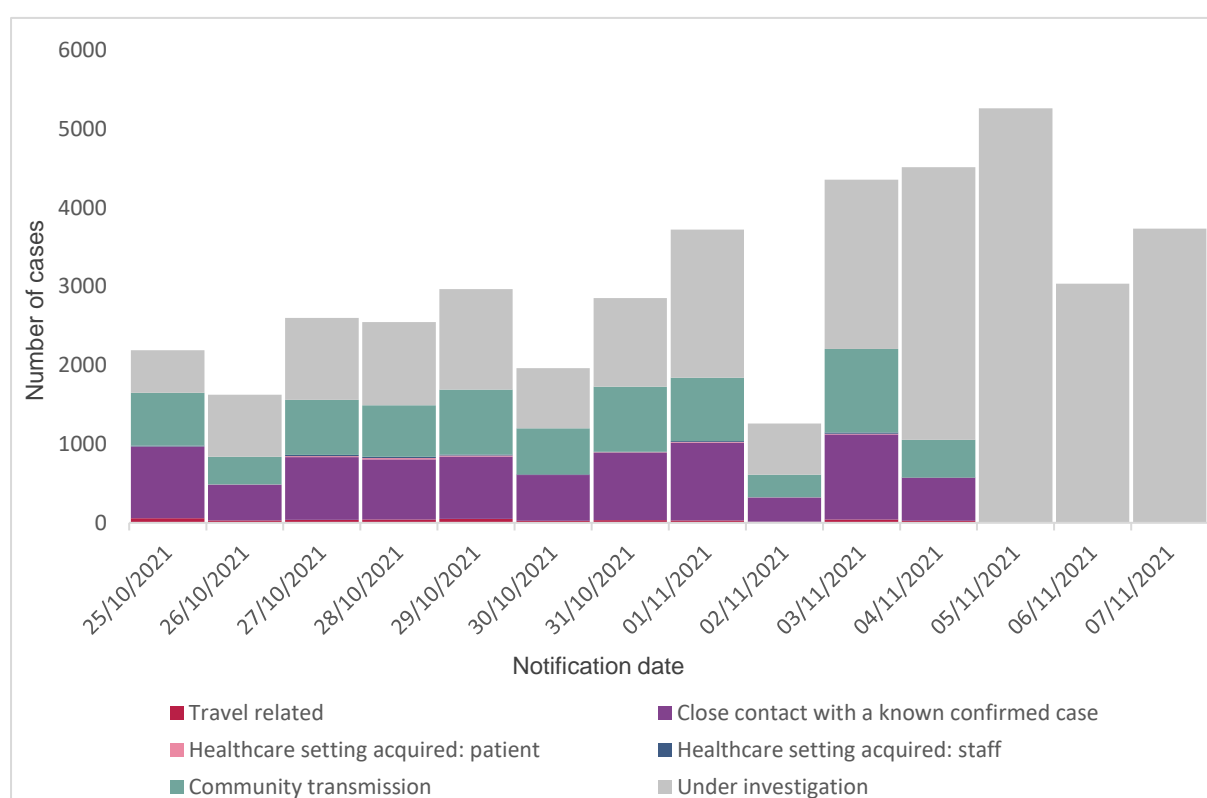
County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (03/11/2021 - 07/11/2021)
Leitrim	240	749.0	381	1189.0	62.99	41
Carlow	404	709.6	725	1273.4	55.72	64
Louth	905	702.2	1427	1107.2	63.42	139
Waterford	803	691.2	1577	1357.4	50.92	126
Westmeath	586	660.1	907	1021.7	64.61	109
Donegal	1,026	644.5	1548	972.4	66.28	172
Laois	503	593.9	911	1075.6	55.21	89
Cork	3,206	590.6	5,169	952.2	62.02	487
Longford	240	587.2	467	1142.6	51.39	46
Kerry	846	572.8	1568	1061.6	53.95	124
Meath	1,089	558.3	1810	928.0	60.17	172
Tipperary	864	541.5	1370	858.6	63.07	135
Limerick	1,055	541.3	1804	925.6	58.48	161
Wexford	805	537.7	1339	894.3	60.12	124
Dublin	7,244	537.6	11584	859.8	62.53	1205
Galway	1,321	511.9	2160	837.0	61.16	214
Wicklow	727	510.4	1,125	789.9	64.62	113
Cavan	383	502.8	619	812.6	61.87	58
Clare	585	492.4	1061	893.0	55.14	94
Kilkenny	482	485.7	797	803.2	60.48	79
Mayo	596	456.7	948	726.4	62.87	97
Sligo	293	447.1	442	674.4	66.29	48
Offaly	318	407.9	570	731.1	55.79	54
Monaghan	242	394.2	401	653.2	60.35	40
Roscommon	250	387.3	409	633.7	61.12	41
Kildare	860	386.5	1500	674.1	57.33	147
Unknown/Other						
<b>Total</b>	<b>25873</b>	<b>543.3</b>	<b>42619</b>	<b>895.0</b>	<b>60.71</b>	<b>4178</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 25/10/2021 up to midnight on 07/11/2021**

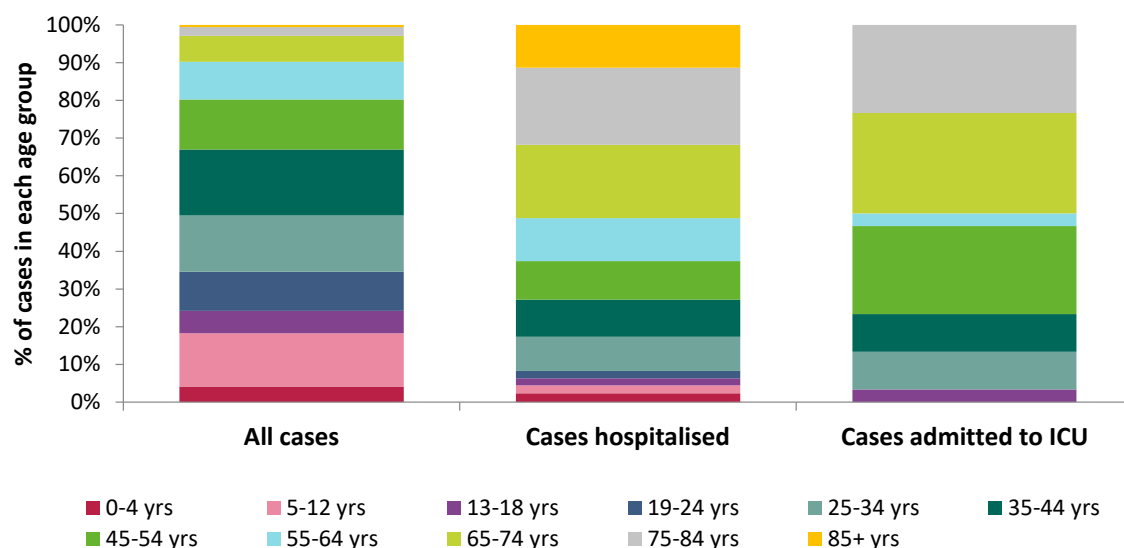
**Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 25/10/2021 up to midnight on 07/11/2021, by age group, hospitalisation and ICU admission\***

Most likely transmission source	Number of cases	Percent
Travel related*	388	0.9
Close contact with a known confirmed case	8059	18.9
Healthcare setting acquired: patient	81	0.2
Healthcare setting acquired: staff	110	0.3
Community transmission	7234	17.0
Under investigation	26,747	62.8
Total cases with known most likely transmission source	15872	
<b>Total</b>	<b>42,619</b>	



**Figure 4: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 25/10/2021 up to midnight on 07/11/2021**

\*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 25/10/2021 up to midnight on 07/11/2021, 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 25/10/2021 up to midnight on 07/11/2021, 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	1768	4.1	12	2.3	0	0.0
5-12 yrs	6012	14.1	11	2.1	0	0.0
13-18 yrs	2538	6.0	10	1.9	1	3.3
19-24 yrs	4403	10.3	10	1.9	0	0.0
25-34 yrs	6376	15.0	47	9.1	3	10.0
35-44 yrs	7456	17.5	51	9.8	3	10.0
45-54 yrs	5630	13.2	53	10.2	7	23.3
55-64 yrs	4271	10.0	59	11.4	1	3.3
65-74 yrs	2934	6.9	101	19.5	8	26.7
75-84 yrs	1005	2.4	106	20.4	7	23.3
85+ yrs	223	0.5	59	11.4	0	0.0
Unknown	3	0.0	0	0.0	0	0.0
<b>Total</b>	<b>42619</b>	<b>100</b>	<b>519</b>	<b>100</b>	<b>30</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 25/10/2021 up to midnight on 07/11/2021**

Date	Number of confirmed cases
25/10/2021	2189
26/10/2021	1627
27/10/2021	2602
28/10/2021	2549
29/10/2021	2965
30/10/2021	1961
31/10/2021	2853
01/11/2021	3722
02/11/2021	1260 *
03/11/2021	4353
04/11/2021	4512
05/11/2021	5259
06/11/2021	3036
07/11/2021	3731
<b>Total</b>	<b>42,619</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 (25/10/2021 to 07/11/2021)**

