



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 02/11/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 19/10/2021 up to midnight on 01/11/2021

	Number	Percent
Total number of confirmed cases	33,095	
National incidence of confirmed cases per 100,000	695.0	
Number of cases hospitalised*	501	1.51
Number of cases admitted to ICU*	31	0.09
Number of cases in healthcare workers	899	2.72
% where HCW is known	4.9	
Number of cases associated with clusters**	798	2.41
Males	16,328	49.3
Females	16,719	50.5
M:F ratio	0.98	
Median age (years)	36	
Mean age (years)	36	
Age range (years)	0-101	

* 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 19/10/2021 up to midnight on 01/11/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 02/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

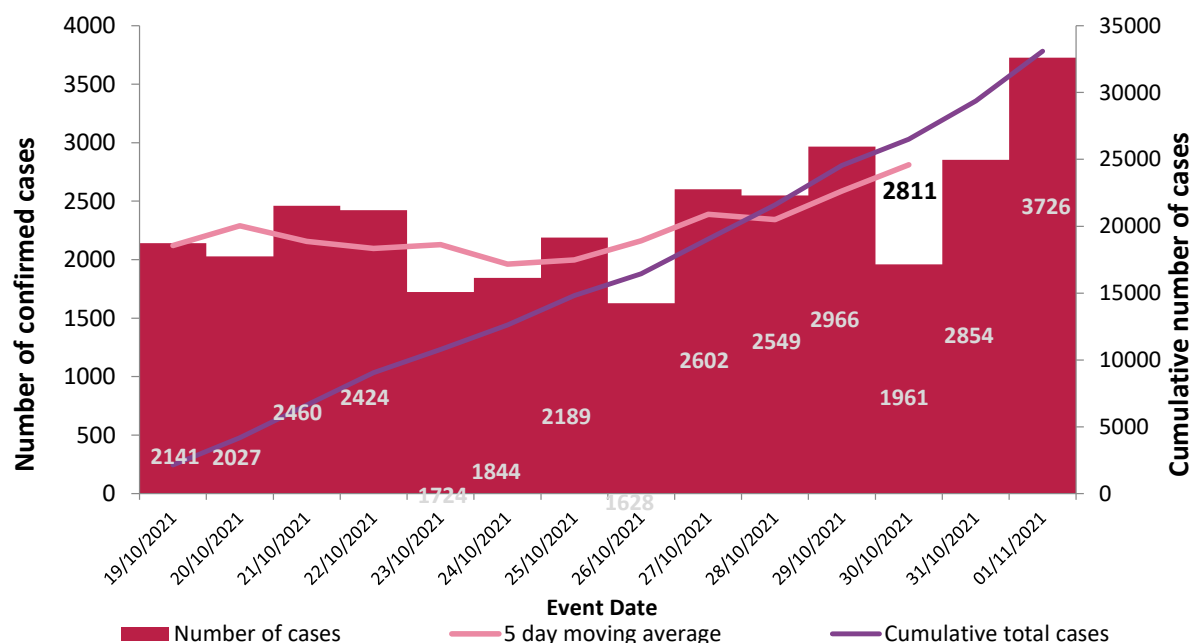


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=33095)

*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

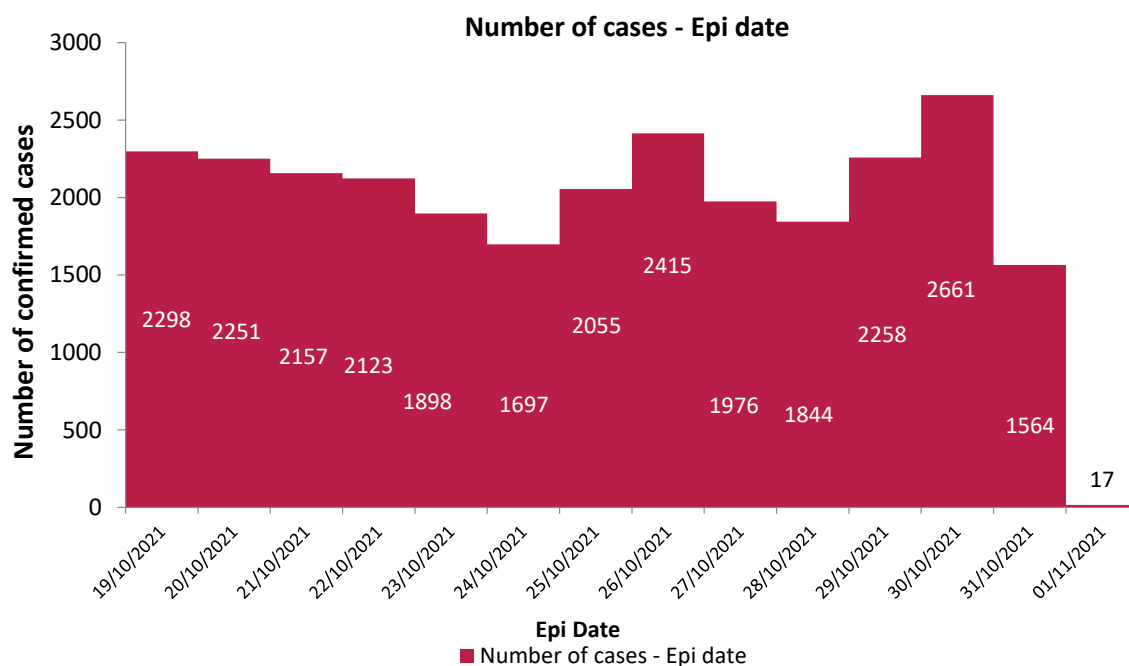


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 19/10/2021 up to midnight on 01/11/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		33,095	100
Sex	Male	16,328	49.3
	Female	16,719	50.5
	Unknown	48	0.1
Age	Median age (years)	36	
	Mean age (years)	36	
	Age range (years)	0-101	
	0-4 yrs	1457	4.4
	5-12 yrs	5068	15.3
	13-18 yrs	1689	5.1
	19-24 yrs	2847	8.6
	25-34 yrs	4646	14.0
	35-44 yrs	5840	17.6
	45-54 yrs	4366	13.2
	55-64 yrs	3447	10.4
	65-74 yrs	2520	7.6
	75-84 yrs	959	2.9
	85+ yrs	254	0.8
	Unknown	2	
	Total	33,095	

Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 19/10/2021 up to midnight on 01/11/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		33,095	100	
Symptom status at time of test*	Yes	15824	47.8	86.1
	No	2548	7.7	13.9
	Unknown	14,723	44.5	
	Total cases where known	18372		
Healthcare worker	Yes	899	2.7	4.9
	No	17604	53.2	95.1
	Unknown	14,592	44.1	
	Total cases where known	18503		

*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.

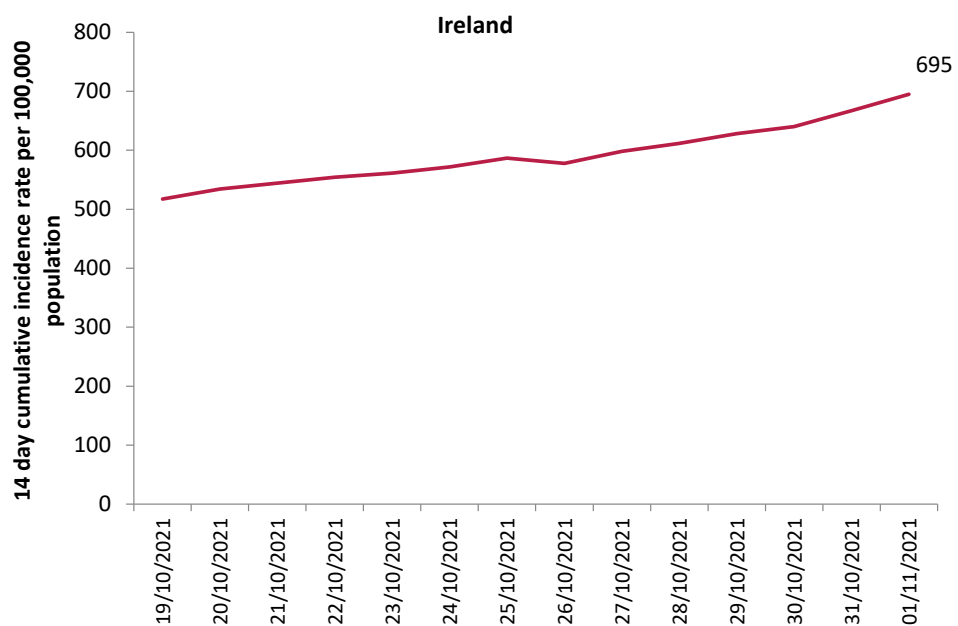


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 19/10/2021 up to midnight on 01/11/2021

*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 19/10/2021 up to midnight on 01/11/2021, 7 day numbers are reported from 26/10/2021 up to midnight on 01/11/2021

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 (28/10/2021 - 01/11/2021)
Waterford	837	720.5	1,503	1293.7	55.69	134
Carlow	343	602.5	716	1257.6	47.91	53
Longford	242	592.1	479	1171.9	50.52	33
Kerry	742	502.3	1565	1059.5	47.41	112
Louth	646	501.2	1142	886.1	56.57	107
Laois	407	480.5	713	841.8	57.08	59
Wexford	677	452.2	976	651.9	69.36	110
Leitrim	134	418.2	247	770.8	54.25	24
Limerick	795	407.9	1492	765.5	53.28	124
Westmeath	357	402.2	622	700.7	57.40	54
Clare	476	400.6	945	795.3	50.37	74
Cork	2,160	397.9	3826	704.8	56.46	342
Donegal	622	390.7	1121	704.2	55.49	101
Dublin	4,892	363.1	8660	642.7	56.49	710
Tipperary	572	358.5	981	614.8	58.31	91
Wicklow	509	357.4	817	573.6	62.30	79
Meath	682	349.7	1317	675.2	51.78	112
Galway	853	330.5	1583	613.4	53.89	132
Kilkenny	325	327.5	599	603.6	54.26	52
Offaly	245	314.3	459	588.8	53.38	37
Cavan	235	308.5	475	623.6	49.47	38
Kildare	639	287.2	1207	542.5	52.94	91
Roscommon	181	280.4	348	539.2	52.01	29
Sligo	183	279.2	341	520.3	53.67	30
Monaghan	171	278.6	325	529.4	52.62	28
Mayo	361	276.6	636	487.3	56.76	60
Unknown/Other						
Total	18,286	384.0	33,095	695.0	55.25	2811

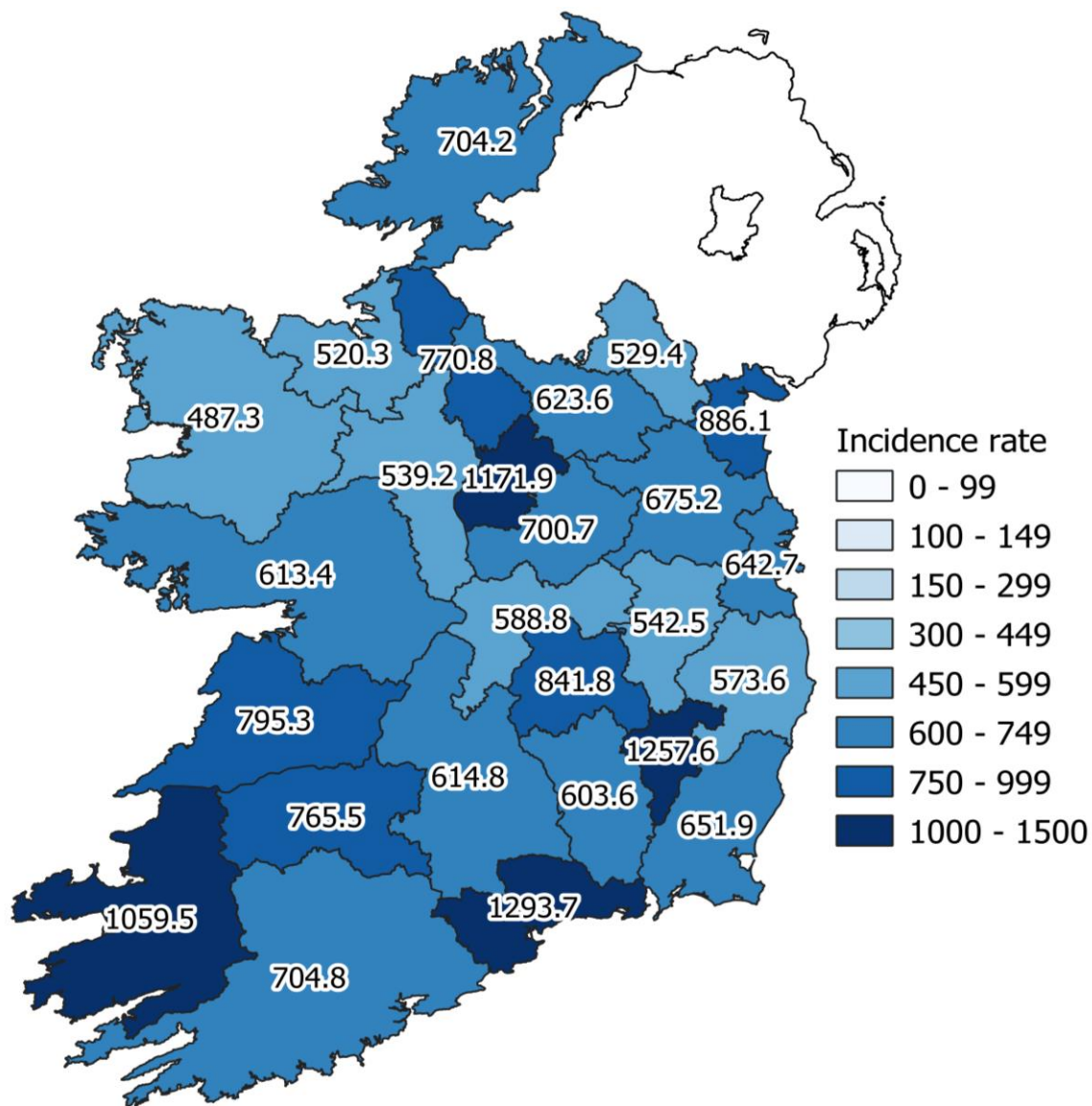


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 19/10/2021 up to midnight on 01/11/2021

Please do not directly compare county shades to previous maps. The categories listed will change as the number of cases change, which may result in changes to the map shading.

Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 19/10/2021 up to midnight on 01/11/2021, by age group, hospitalisation and ICU admission*

Most likely transmission source	Number of cases	Percent
Travel related*	491	1.5
Close contact with a known confirmed case	8808	26.6
Healthcare setting acquired: patient	93	0.3
Healthcare setting acquired: staff	140	0.4
Community transmission	7790	23.5
Under investigation	15,773	47.7
Total cases with known most likely transmission source	17322	
Total	33,095	

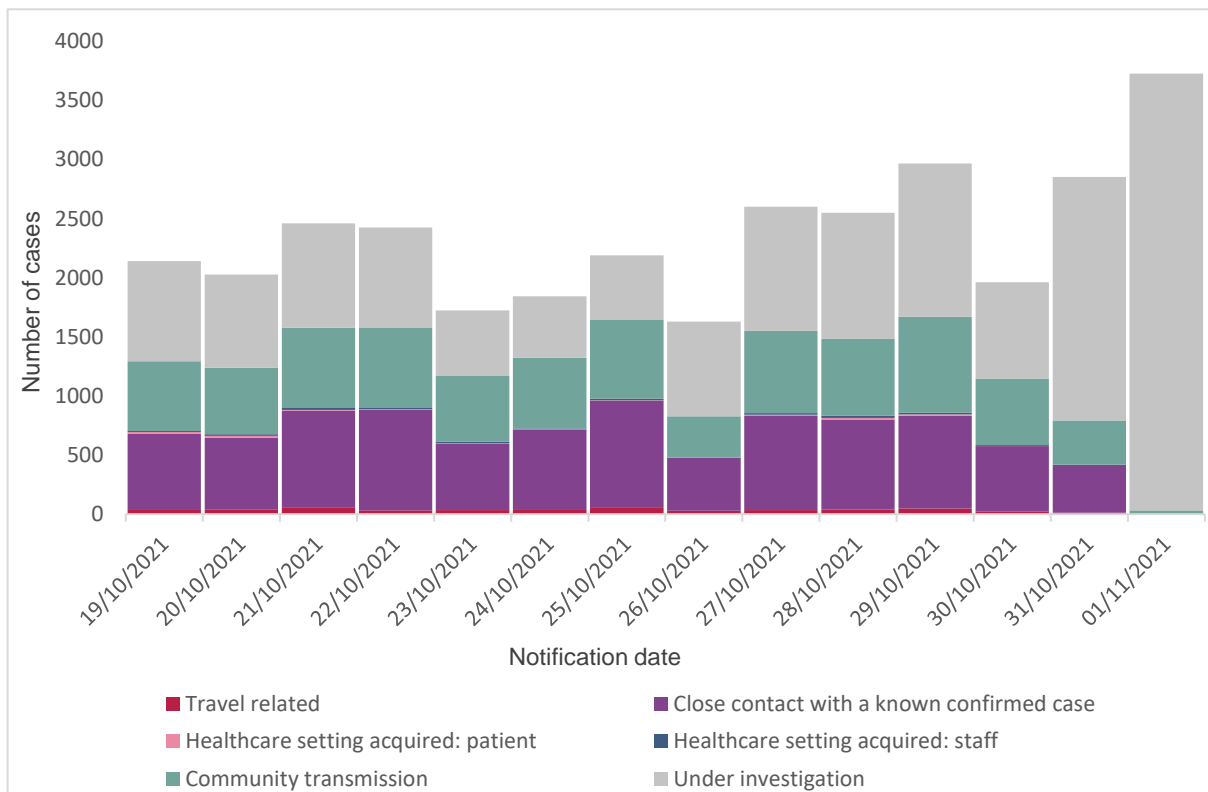


Figure 4: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 19/10/2021 up to midnight on 01/11/2021

*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

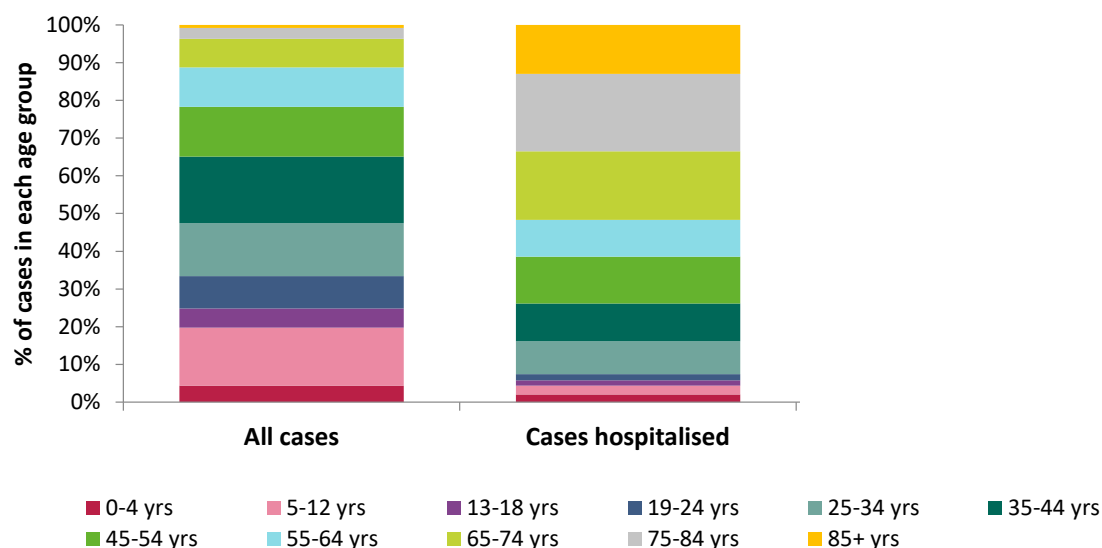


Figure 5: Percentage of confirmed cases of COVID-19 notified in Ireland from 19/10/2021 up to midnight on 01/11/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 19/10/2021 up to midnight on 01/11/2021, 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	1457	4.4	10	2.0	<5	-
5-12 yrs	5068	15.3	12	2.4	<5	-
13-18 yrs	1689	5.1	7	1.4	<5	-
19-24 yrs	2847	8.6	8	1.6	<5	-
25-34 yrs	4646	14.0	44	8.8	5	16.1
35-44 yrs	5840	17.6	50	10.0	<5	-
45-54 yrs	4366	13.2	62	12.4	9	29.0
55-64 yrs	3447	10.4	49	9.8	5	16.1
65-74 yrs	2520	7.6	91	18.2	6	19.4
75-84 yrs	959	2.9	103	20.6	<5	-
85+ yrs	254	0.8	65	13.0	<5	-
Unknown	2	0.0	0	0.0	0	0.0
Total	33095	100	501	100	31	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 19/10/2021 up to midnight on 01/11/2021

Date	Number of confirmed cases
19/10/2021	2141
20/10/2021	2027
21/10/2021	2460
22/10/2021	2424
23/10/2021	1724
24/10/2021	1844
25/10/2021	2189
26/10/2021	1628
27/10/2021	2602
28/10/2021	2549
29/10/2021	2966
30/10/2021	1961
31/10/2021	2854
01/11/2021	3726
Total	33,095

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 (19/10/2021 to 01/11/2021)

