



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 27/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 13/10/2021 up to midnight on 26/10/2021

	Number	Percent
Total number of confirmed cases	27,520	
National incidence of confirmed cases per 100,000	577.9	
Number of cases hospitalised*	474	1.72
Number of cases admitted to ICU*	29	0.11
Number of cases in healthcare workers	841	3.06
% where HCW is known	4.9	
Number of cases associated with clusters**	1115	4.05
Males	13,458	48.9
Females	14,002	50.9
M:F ratio	0.96	
Median age (years)	37	
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 13/10/2021 up to midnight on 26/10/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 27/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

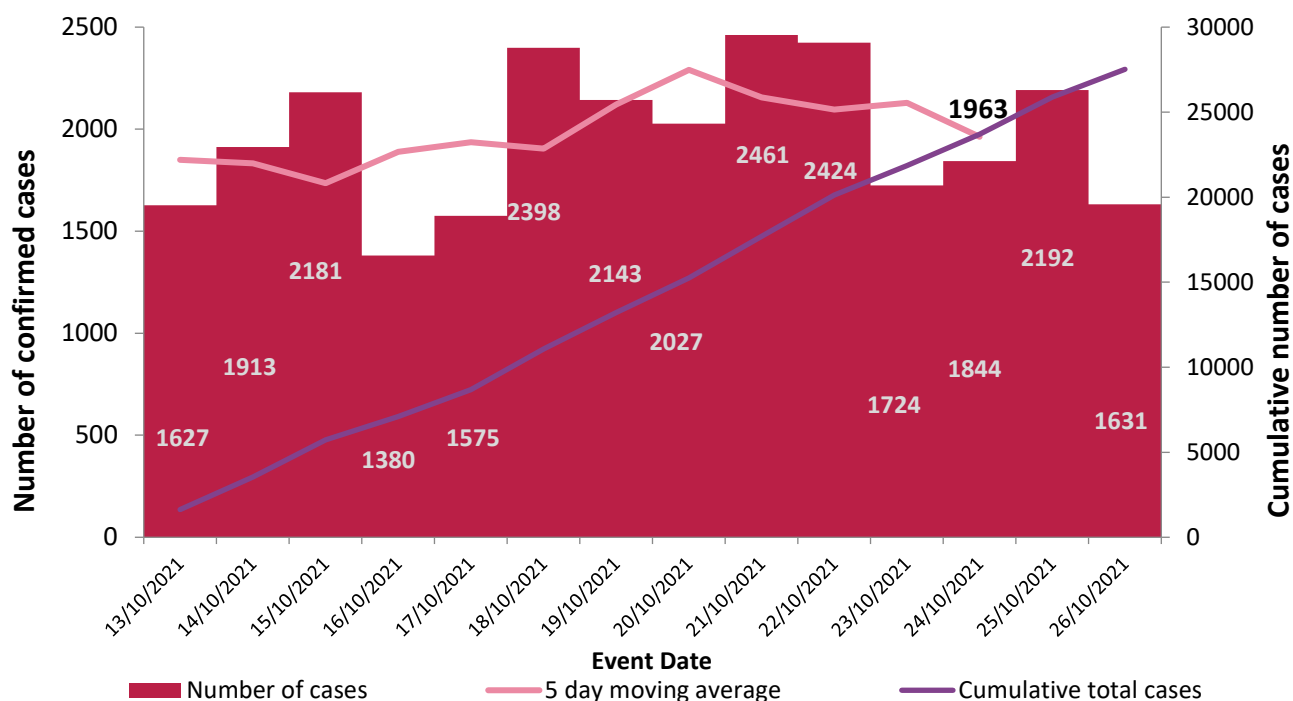


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=27520)

*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

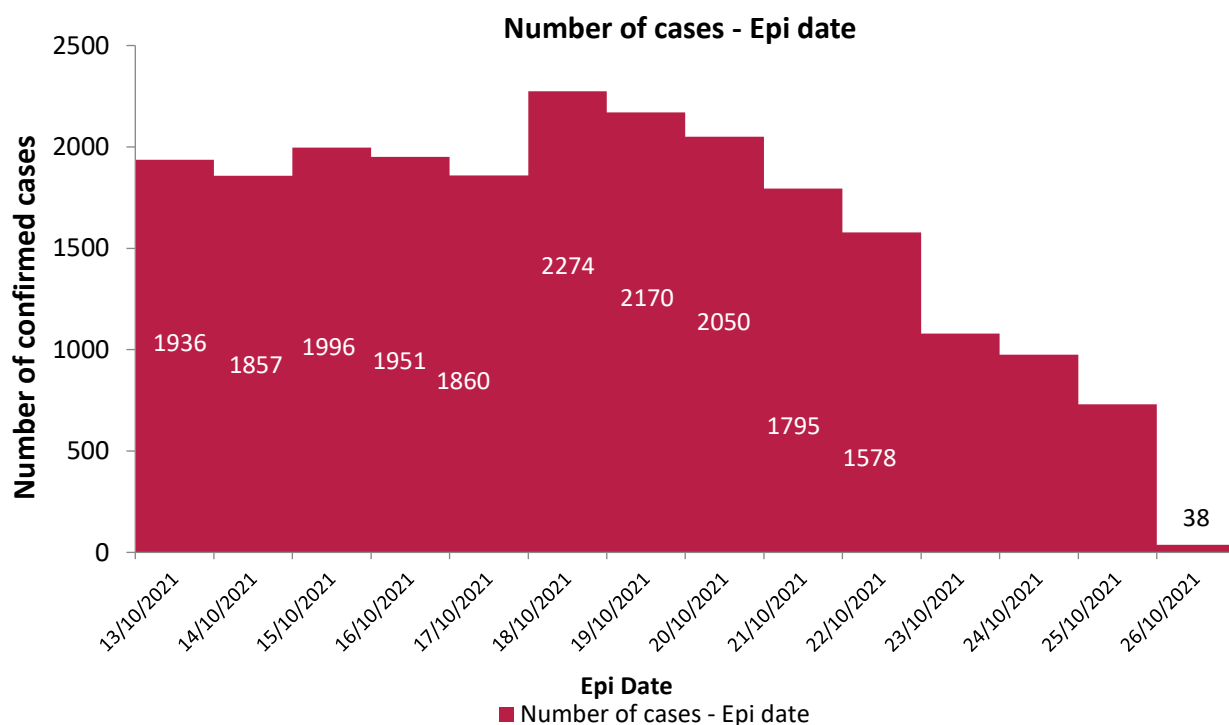


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 13/10/2021 up to midnight on 26/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		27,520	100
Sex	Male	13,458	48.9
	Female	14,002	50.9
	Unknown	60	0.2
Age	Median age (years)	37	
	Mean age (years)	36	
	Age range (years)	0-101	
	0-4 yrs	1334	4.8
	5-12 yrs	4358	15.8
	13-18 yrs	1413	5.1
	19-24 yrs	2203	8.0
	25-34 yrs	3586	13.0
	35-44 yrs	4688	17.0
	45-54 yrs	3611	13.1
	55-64 yrs	2917	10.6
	65-74 yrs	2175	7.9
	75-84 yrs	920	3.3
	85+ yrs	314	1.1
	Unknown	1	
	Total	27,520	

Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 13/10/2021 up to midnight on 26/10/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		27,520	100	
Symptom status at time of test*	Yes	14757	53.6	85.9
	No	2425	8.8	14.1
	Unknown	10,338	37.6	
	Total cases where known	17182		
Healthcare worker	Yes	841	3.1	4.9
	No	16476	59.9	95.1
	Unknown	10,203	37.1	
	Total cases where known	17317		

*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.

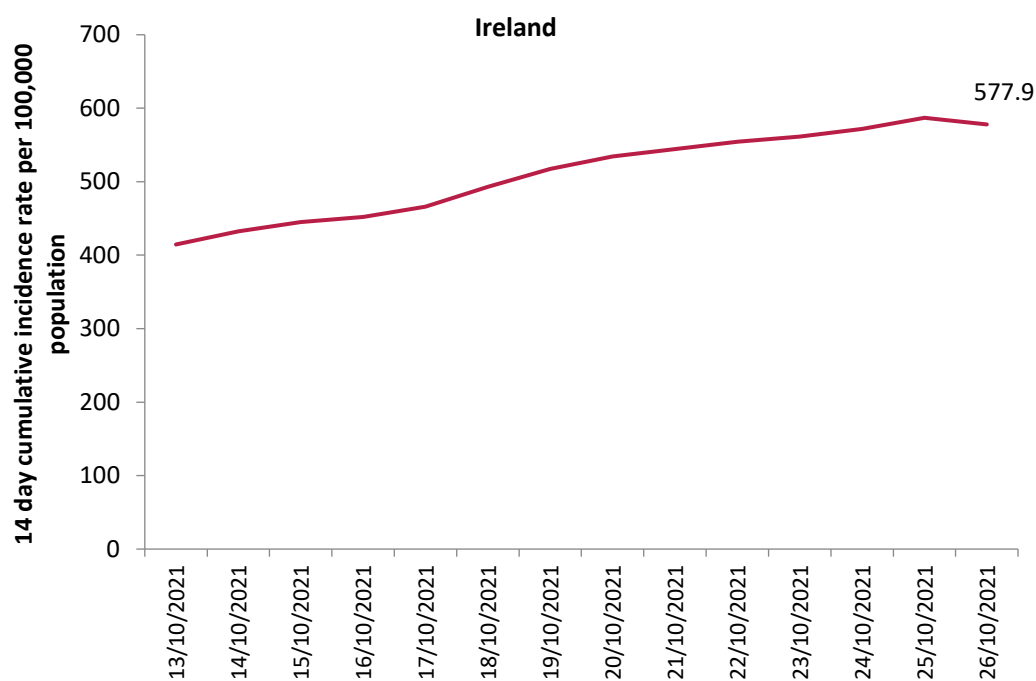


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 13/10/2021 up to midnight on 26/10/2021

*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 13/10/2021 up to midnight on 26/10/2021, 7 day numbers are reported from 20/10/2021 up to midnight on 26/10/2021

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 (22/10/2021 - 26/10/2021)
Waterford	687	591.3	1370	1179.2	50.15	95
Carlow	336	590.2	582	1022.3	57.73	47
Longford	235	575.0	481	1176.8	48.86	27
Kerry	768	519.9	1458	987.1	52.67	102
Louth	552	428.3	913	708.4	60.46	83
Clare	419	352.6	853	717.9	49.12	60
Laois	298	351.8	590	696.6	50.51	39
Limerick	677	347.4	1319	676.8	51.33	99
Leitrim	100	312.1	198	617.9	50.51	13
Donegal	471	295.9	944	593.0	49.89	66
Cork	1,555	286.4	2894	533.1	53.73	225
Cavan	216	283.6	429	563.2	50.35	26
Offaly	221	283.5	374	479.7	59.09	26
Galway	704	272.8	1250	484.4	56.32	93
Roscommon	176	272.7	383	593.4	45.95	25
Dublin	3,655	271.3	7126	528.9	51.29	499
Westmeath	240	270.4	554	624.1	43.32	30
Kilkenny	268	270.1	506	509.9	52.96	34
Meath	516	264.6	1108	568.1	46.57	67
Wexford	393	262.5	646	431.5	60.84	58
Wicklow	354	248.6	653	458.5	54.21	51
Tipperary	392	245.7	755	473.2	51.92	50
Kildare	541	243.1	1067	479.5	50.70	74
Monaghan	144	234.6	295	480.6	48.81	15
Sligo	142	216.7	279	425.7	50.90	19
Mayo	243	186.2	493	377.8	49.29	38
Unknown/Other						
Total	14,303	300.4	27520	577.9	51.97	1963

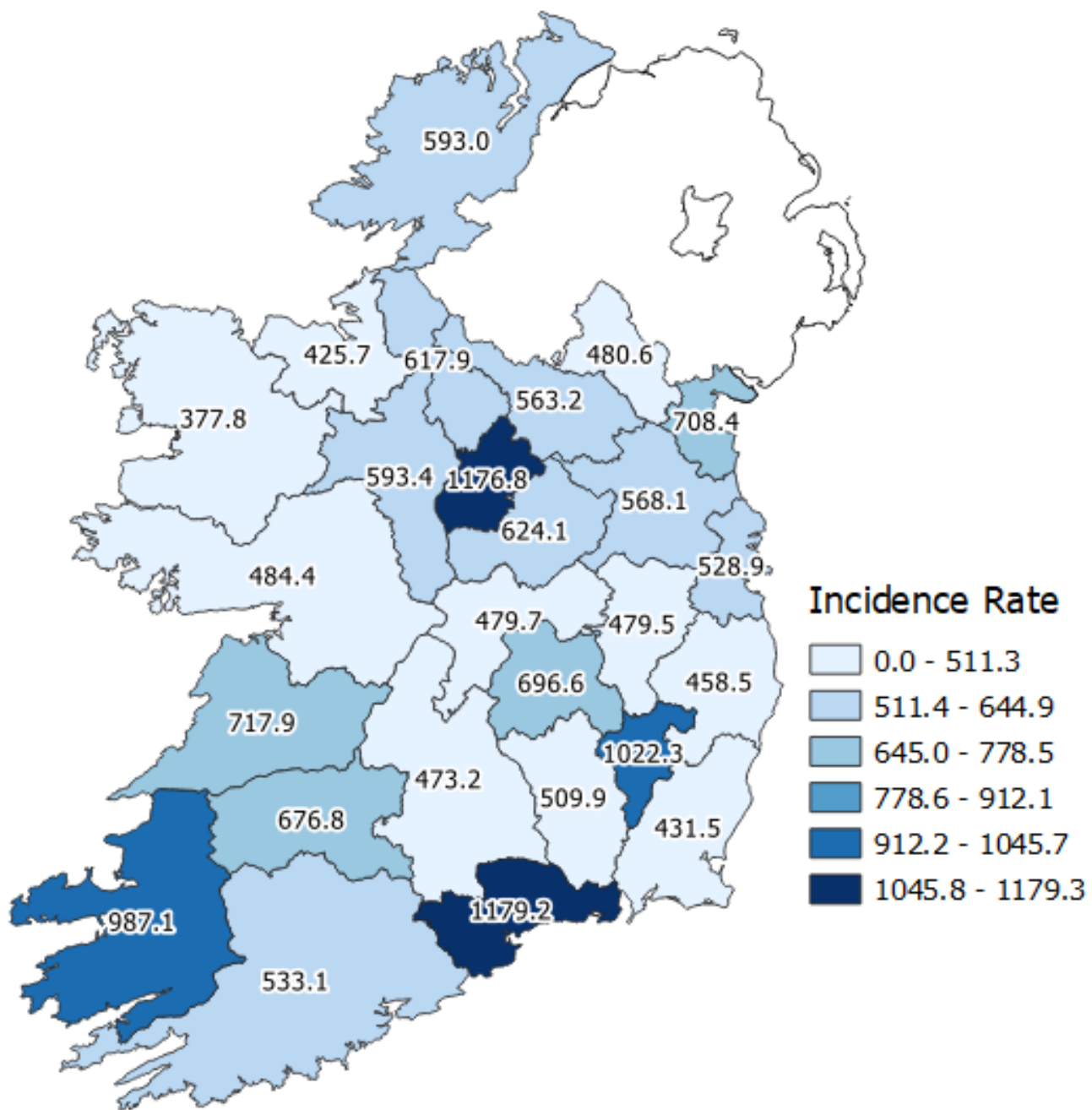


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 13/10/2021 up to midnight on 26/10/2021

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 13/10/2021 up to midnight on 26/10/2021,by age group, hospitalisation and ICU admission*

Most likely transmission source	Number of cases	Percent
Travel related*	467	1.7
Close contact with a known confirmed case	8383	30.5
Healthcare setting acquired: patient	139	0.5
Healthcare setting acquired: staff	160	0.6
Community transmission	7146	26.0
Under investigation	11,225	40.8
Total cases with known most likely transmission source	16295	
Total	27,520	

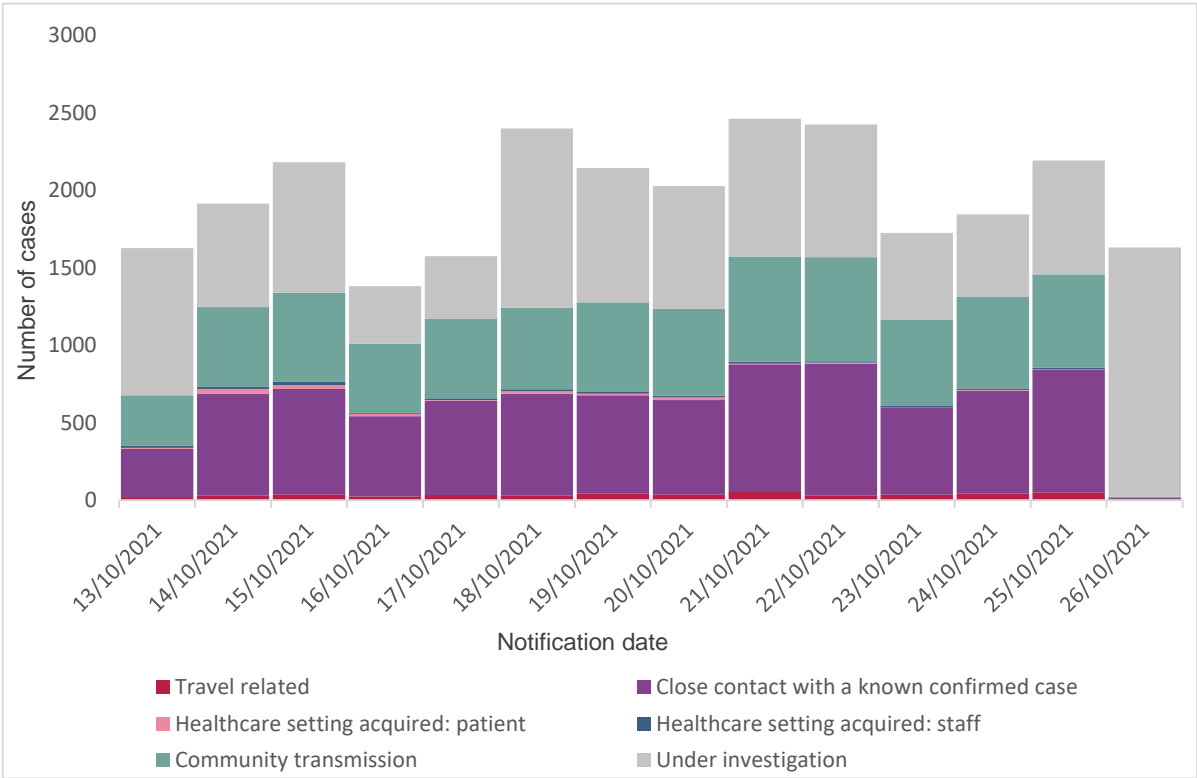


Figure 4: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 13/10/2021 up to midnight on 26/10/2021

*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

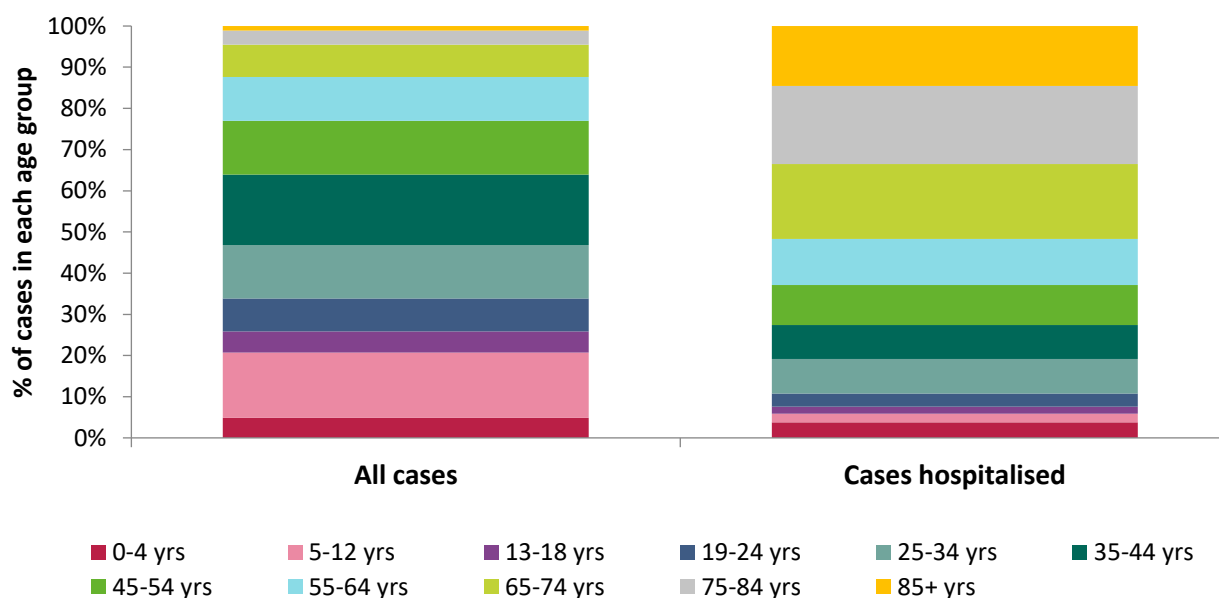


Figure 5: Percentage of confirmed cases of COVID-19 notified in Ireland from 13/10/2021 up to midnight on 26/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 13/10/2021 up to midnight on 26/10/2021, 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	1334	4.8	18	3.8	0	0.0
5-12 yrs	4358	15.8	10	2.1	0	0.0
13-18 yrs	1413	5.1	8	1.7	0	0.0
19-24 yrs	2203	8.0	15	3.2	0	0.0
25-34 yrs	3586	13.0	40	8.4	<5	-
35-44 yrs	4688	17.0	39	8.2	5	-
45-54 yrs	3611	13.1	46	9.7	<5	17.2
55-64 yrs	2917	10.6	53	11.2	<5	-
65-74 yrs	2175	7.9	86	18.1	9	31.0
75-84 yrs	920	3.3	90	19.0	<5	-
85+ yrs	314	1.1	69	14.6	<5	-
Unknown	1	0.0	0	0.0	0	0.0
Total	27520	100	474	100	29	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 13/10/2021 up to midnight on 26/10/2021

Date	Number of confirmed cases
13/10/2021	1627
14/10/2021	1913
15/10/2021	2181
16/10/2021	1380
17/10/2021	1575
18/10/2021	2398
19/10/2021	2143
20/10/2021	2027
21/10/2021	2461
22/10/2021	2424
23/10/2021	1724
24/10/2021	1844
25/10/2021	2192
26/10/2021	1631
Total	27,520

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 (13/10/2021 to 26/10/2021)

