



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 21/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 07/10/2021 up to midnight on 20/10/2021

	Number	Percent
Total number of confirmed cases	25,463	
National incidence of confirmed cases per 100,000 population	534.7	
Number of cases hospitalised*	559	2.20
Number of cases admitted to ICU*	30	0.12
Males	12,490	49.1
Females	12,936	50.8
M:F ratio	0.97	
Median age (years)	36	
Mean age (years)	37	
Age range (years)	0-101	

Note: This report will not include data on enhanced surveillance information such as most likely source of transmission and travel. These will now be reported on a weekly basis.

* 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.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 21/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

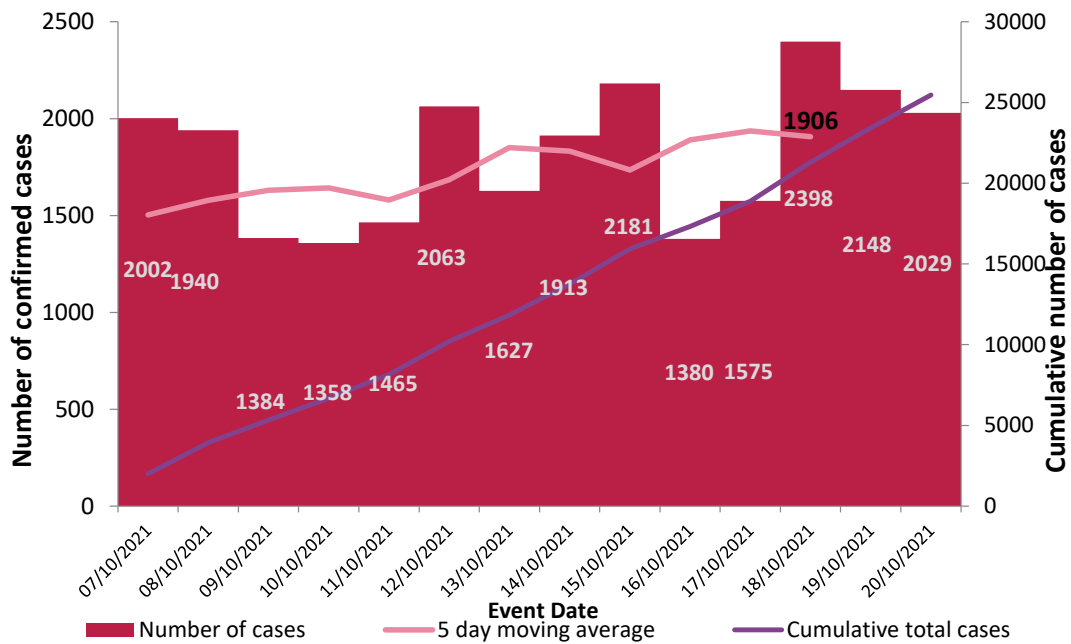


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=25463)

*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

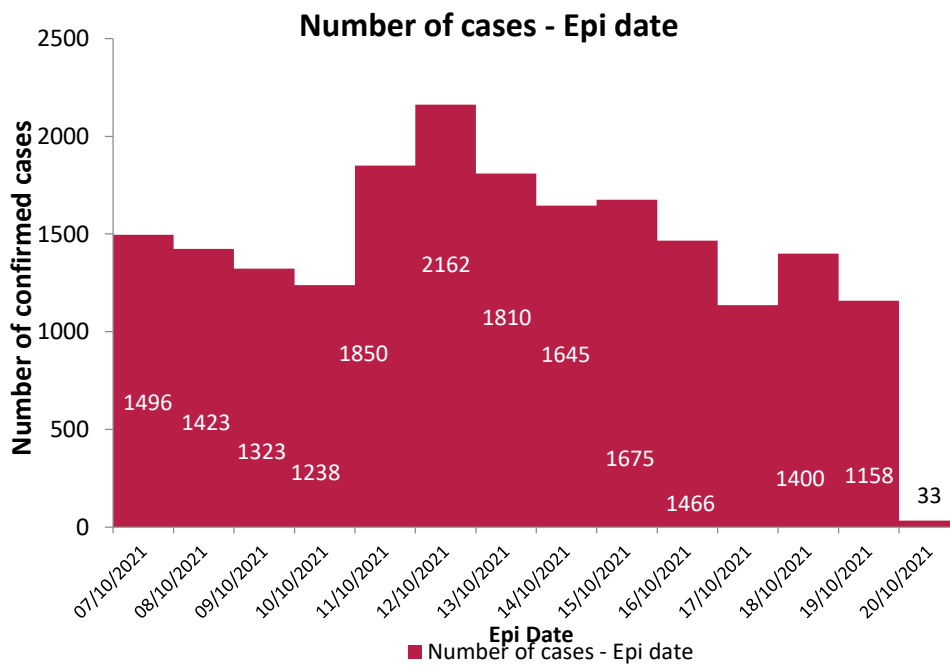


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 07/10/2021 up to midnight on 20/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		25,463	100
Sex	Male	12,490	49.1
	Female	12,936	50.8
	Unknown	37	0.1
Age	Median age (years)	36	
	Mean age (years)	37	
	Age range (years)	0-101	
	0-4 yrs	1217	4.8
	5-12 yrs	3756	14.8
	13-18 yrs	1457	5.7
	19-24 yrs	2237	8.8
	25-34 yrs	3459	13.6
	35-44 yrs	4243	16.7
	45-54 yrs	3243	12.7
	55-64 yrs	2641	10.4
	65-74 yrs	1927	7.6
	75-84 yrs	895	3.5
	85+ yrs	385	1.5
	Unknown	3	
Total		25,463	

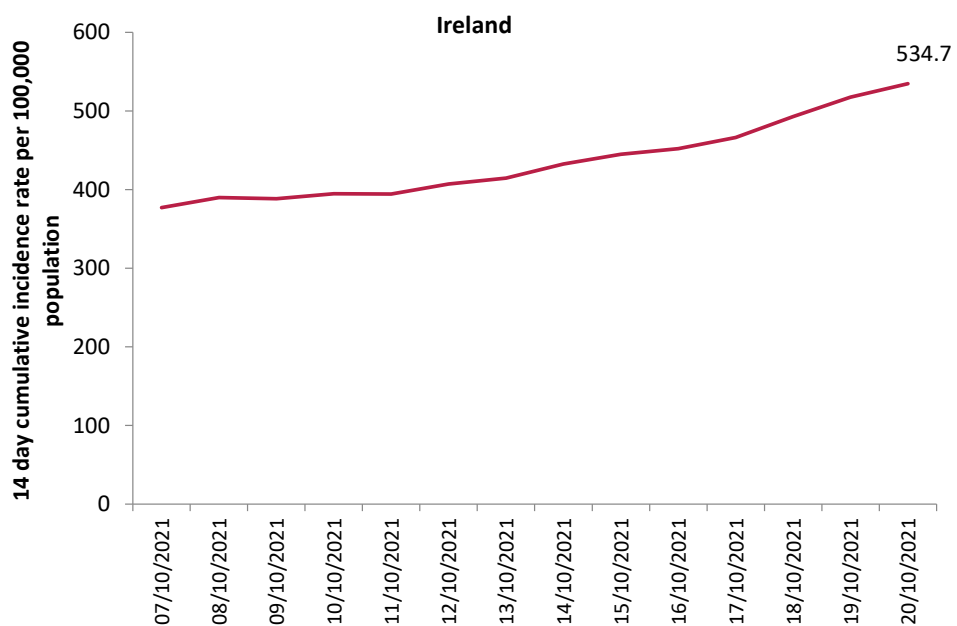


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 07/10/2021 up to midnight on 20/10/2021

*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 2: Number of confirmed COVID-19 cases by county notified in Ireland from 07/10/2021 up to midnight on 20/10/2021, 7 day numbers are reported from 14/10/2021 up to midnight on 20/10/2021

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 (16/10/2021 - 20/10/2021)
Waterford	721	620.6	1221	1051.0	59.05	100
Longford	253	619.0	432	1056.9	58.56	32
Carlow	289	507.6	500	878.2	57.80	46
Kerry	734	496.9	1329	899.8	55.23	102
Westmeath	337	379.6	552	621.8	61.05	51
Laois	303	357.7	564	665.9	53.72	43
Clare	424	356.9	698	587.5	60.74	61
Roscommon	217	336.2	352	545.4	61.65	30
Limerick	625	320.7	1186	608.5	52.70	89
Meath	610	312.7	1019	522.4	59.86	74
Louth	402	311.9	744	577.3	54.03	54
Leitrim	97	302.7	169	527.4	57.40	11
Donegal	458	287.7	998	626.9	45.89	62
Cavan	208	273.1	402	527.7	51.74	27
Monaghan	164	267.2	346	563.6	47.40	24
Kilkenny	265	267.1	463	466.6	57.24	38
Dublin	3,589	266.4	6890	511.4	52.09	515
Tipperary	399	250.1	697	436.8	57.25	57
Cork	1,284	236.5	2576	474.5	49.84	180
Kildare	524	235.5	1026	461.1	51.07	71
Galway	583	225.9	1186	459.6	49.16	85
Offaly	172	220.6	284	364.3	60.56	26
Wicklow	314	220.5	555	389.7	56.58	45
Sligo	131	199.9	269	410.5	48.70	17
Mayo	243	186.2	490	375.5	49.59	31
Wexford	278	185.7	515	344.0	53.98	35
Unknown/Other						
Total	13,624	286.1	25463	534.7	53.51	1906

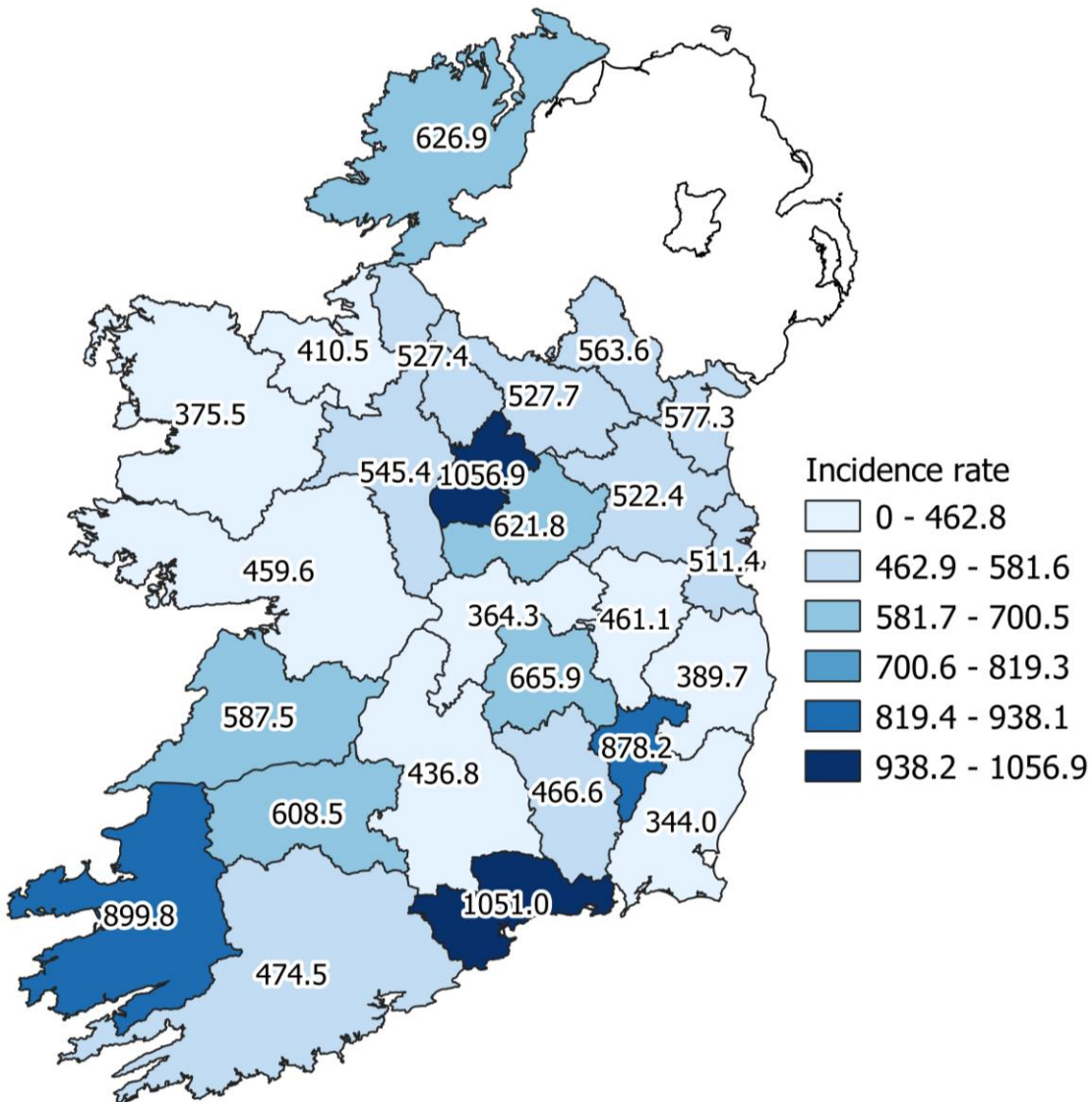


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 07/10/2021 up to midnight on 20/10/2021

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.

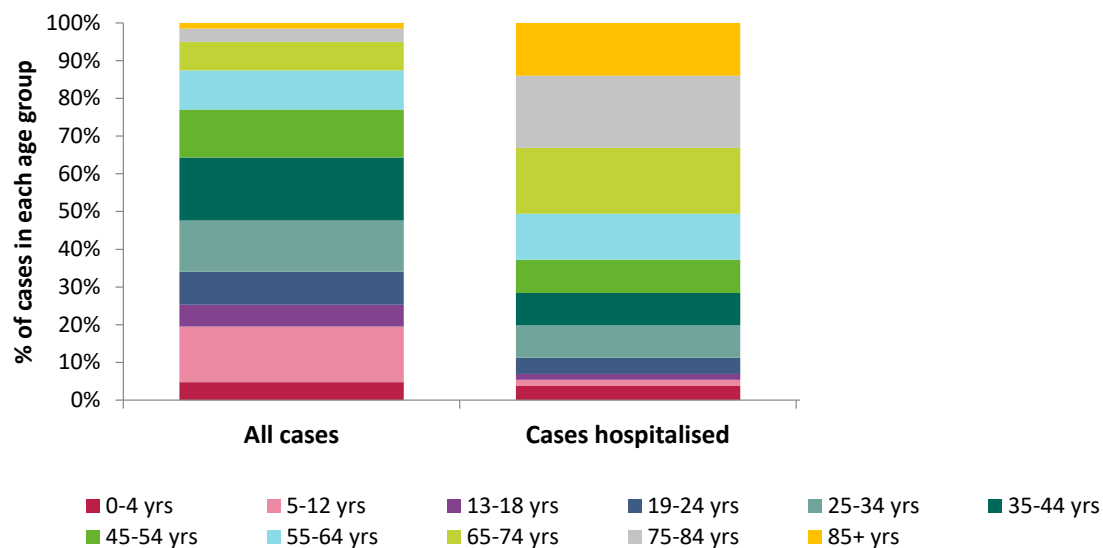


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 07/10/2021 up to midnight on 20/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 07/10/2021 up to midnight on 20/10/2021, 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	1217	4.8	21	3.8	<5	-
5-12 yrs	3756	14.8	9	1.6	<5	-
13-18 yrs	1457	5.7	9	1.6	<5	-
19-24 yrs	2237	8.8	24	4.3	<5	-
25-34 yrs	3459	13.6	48	8.6	<5	-
35-44 yrs	4243	16.7	48	8.6	<5	-
45-54 yrs	3243	12.7	49	8.8	5	16.7
55-64 yrs	2641	10.4	68	12.2	<5	-
65-74 yrs	1927	7.6	98	17.5	9	30.0
75-84 yrs	895	3.5	107	19.1	<5	-
85+ yrs	385	1.5	78	14.0	<5	-
Unknown	3	0.0	0	0.0	0	0.0
Total	25463	100	559	100	30	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 4: Daily number of confirmed COVID-19 cases notified in Ireland from 07/10/2021 up to midnight on 20/10/2021

Date	Number of confirmed cases
07/10/2021	2002
08/10/2021	1940
09/10/2021	1384
10/10/2021	1358
11/10/2021	1465
12/10/2021	2063
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	2148
20/10/2021	2029
Total	25,463

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 (07/10/2021 to 20/10/2021)

