



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 18/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 04/10/2021 up to midnight on 17/10/2021

	Number	Percent
Total number of confirmed cases	22,204	
National incidence of confirmed cases per 100,000 population	466.3	
Number of cases hospitalised*	471	2.12
Number of cases admitted to ICU*	16	0.07
Males	10,813	48.7
Females	11,365	51.2
M:F ratio	0.95	
Median age (years)	36	
Mean age (years)	37	
Age range (years)	0-100	

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 18/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

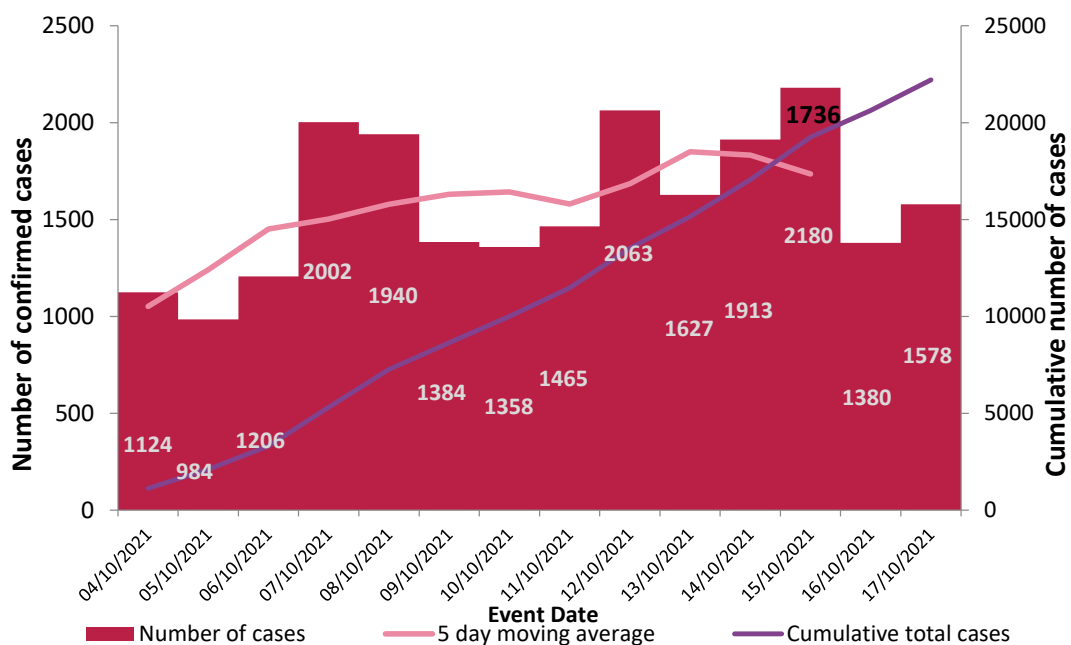


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=22204)

*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

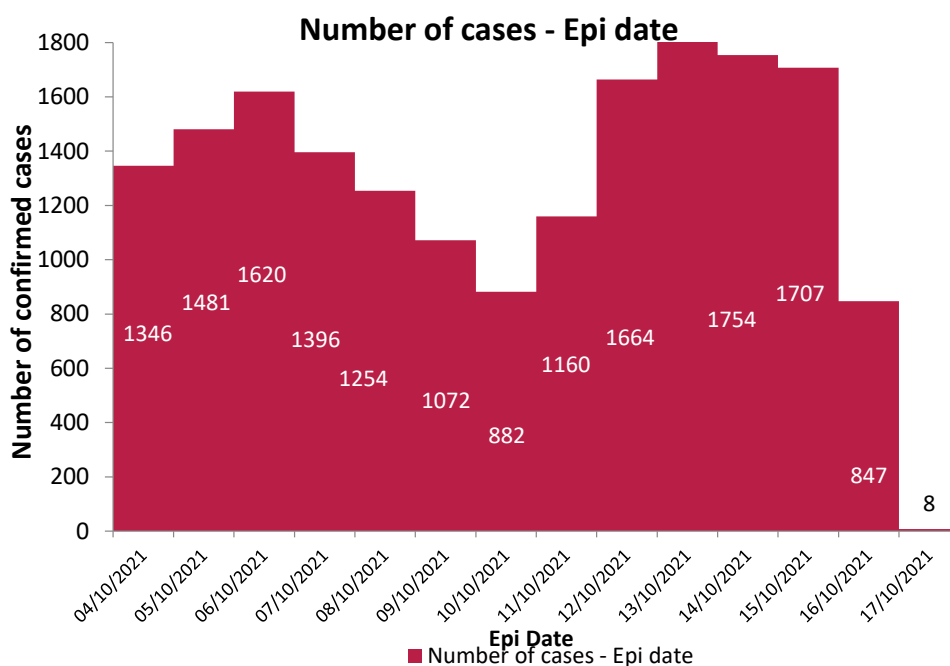


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 04/10/2021 up to midnight on 17/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		22,204	100
Sex	Male	10,813	48.7
	Female	11,365	51.2
	Unknown	26	0.1
Age	Median age (years)	36	
	Mean age (years)	37	
	Age range (years)	0-100	
	0-4 yrs	1081	4.9
	5-12 yrs	3192	14.4
	13-18 yrs	1323	6.0
	19-24 yrs	2040	9.2
	25-34 yrs	2989	13.5
	35-44 yrs	3632	16.4
	45-54 yrs	2824	12.7
	55-64 yrs	2321	10.5
	65-74 yrs	1666	7.5
	75-84 yrs	769	3.5
	85+ yrs	364	1.6
	Unknown	3	
	Total	22,204	

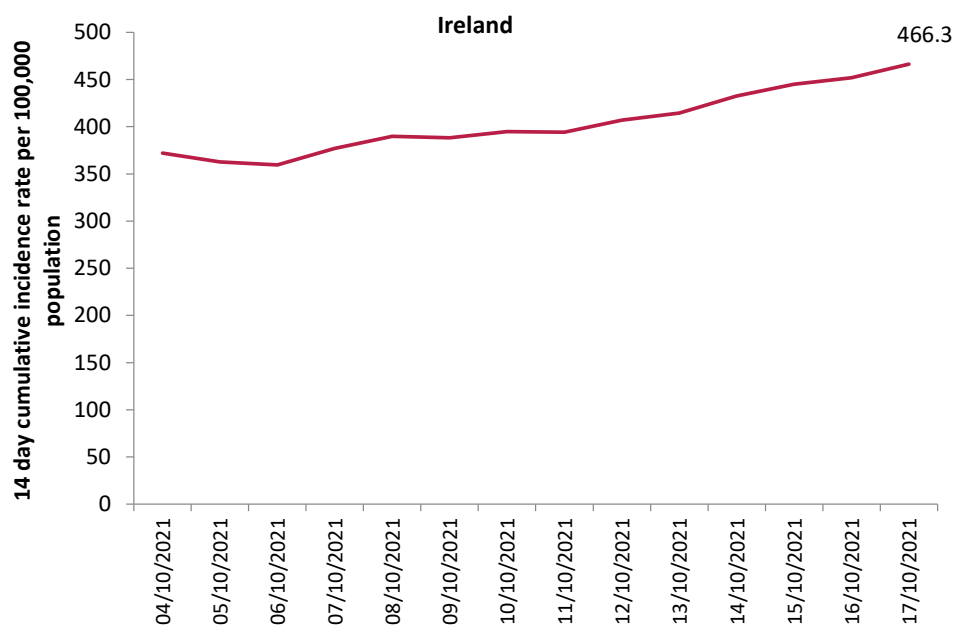


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 04/10/2021 up to midnight on 17/10/2021

*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 04/10/2021 up to midnight on 17/10/2021, 7 day numbers are reported from 11/10/2021 up to midnight on 17/10/2021

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 (13/10/2021 - 17/10/2021)
Longford	243	594.5	361	883.2	67.31	40
Waterford	665	572.4	1097	944.3	60.62	99
Carlow	285	500.6	466	818.5	61.16	38
Kerry	644	436.0	1074	727.1	59.96	89
Westmeath	285	321.1	456	513.7	62.50	41
Leitrim	98	305.8	147	458.7	66.67	13
Louth	392	304.1	675	523.7	58.07	55
Laois	257	303.4	447	527.8	57.49	35
Clare	349	293.7	551	463.7	63.34	57
Cavan	218	286.2	388	509.3	56.19	28
Limerick	557	285.8	1051	539.3	53.00	82
Donegal	450	282.7	964	605.6	46.68	64
Monaghan	168	273.7	329	536.0	51.06	21
Meath	522	267.6	887	454.8	58.85	76
Roscommon	168	260.3	279	432.3	60.22	26
Dublin	3,215	238.6	5990	444.6	53.67	447
Sligo	145	221.3	254	387.6	57.09	22
Cork	1,172	215.9	2277	419.4	51.47	162
Kildare	480	215.7	859	386.1	55.88	66
Tipperary	341	213.7	582	364.8	58.59	50
Wicklow	273	191.7	500	351.1	54.60	41
Galway	494	191.4	1,056	409.2	46.78	69
Kilkenny	187	188.4	368	370.8	50.82	29
Wexford	255	170.3	479	319.9	53.24	36
Mayo	217	166.3	434	332.5	50.00	33
Offaly	126	161.6	233	298.9	54.08	18
Unknown/Other						
Total	12,206	256.3	22204	466.3	54.97	1736

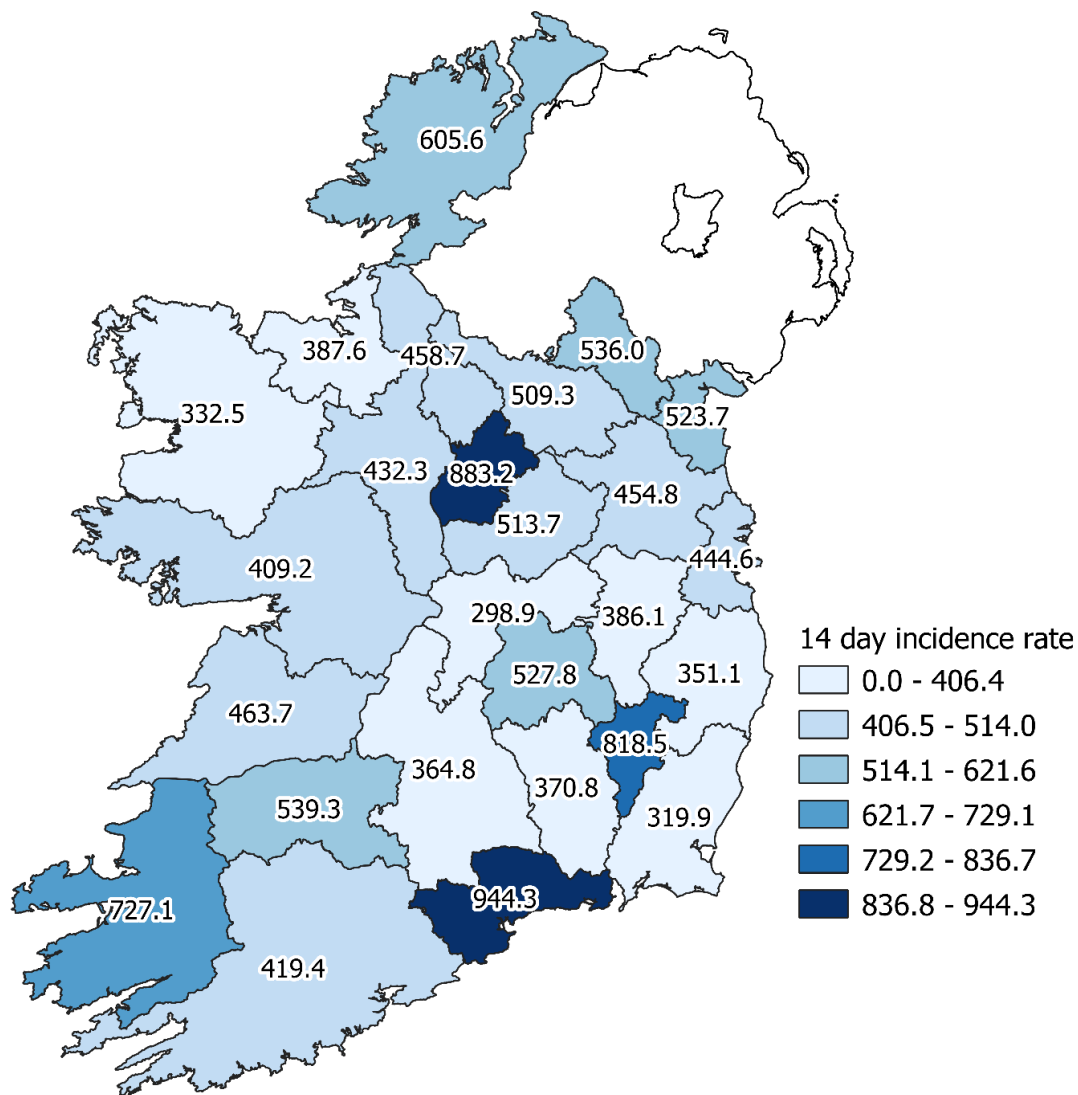


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 04/10/2021 up to midnight on 17/10/2021

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.

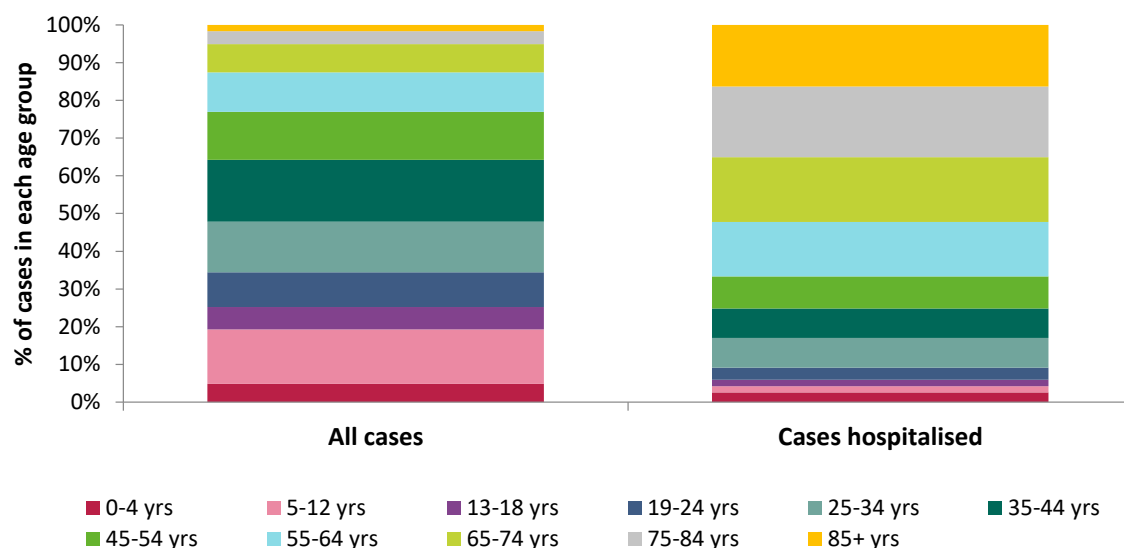


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 04/10/2021 up to midnight on 17/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 04/10/2021 up to midnight on 17/10/2021, 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	1081	4.9	12	2.5	<5	-
5-12 yrs	3192	14.4	8	1.7	<5	-
13-18 yrs	1323	6.0	8	1.7	0	0.0
19-24 yrs	2040	9.2	15	3.2	0	0.0
25-34 yrs	2989	13.5	37	7.9	0	0.0
35-44 yrs	3632	16.4	37	7.9	<5	-
45-54 yrs	2824	12.7	40	8.5	0	0.0
55-64 yrs	2321	10.5	68	14.4	4	25.0
65-74 yrs	1666	7.5	81	17.2	4	25.0
75-84 yrs	769	3.5	88	18.7	4	25.0
85+ yrs	364	1.6	77	16.3	0	0.0
Unknown	3	0.0	0	0.0	0	0.0
Total	22204	100	471	100	16	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 04/10/2021 up to midnight on 17/10/2021

Date	Number of confirmed cases
04/10/2021	1124
05/10/2021	984
06/10/2021	1206
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	2180
16/10/2021	1380
17/10/2021	1578
Total	22,204

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 (04/10/2021 to 17/10/2021)

