



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 05/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 21/09/2021 up to midnight on 04/10/2021

	Number	Percent
Total number of confirmed cases	17,719	
National incidence of confirmed cases per 100,000 population	372.1	
Number of cases hospitalised*	303	1.71
Number of cases admitted to ICU*	15	0.08
Males	8,692	49.1
Females	8,996	50.8
M:F ratio	0.97	
Median age (years)	31	
Mean age (years)	33	
Age range (years)	0-103	

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 05/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

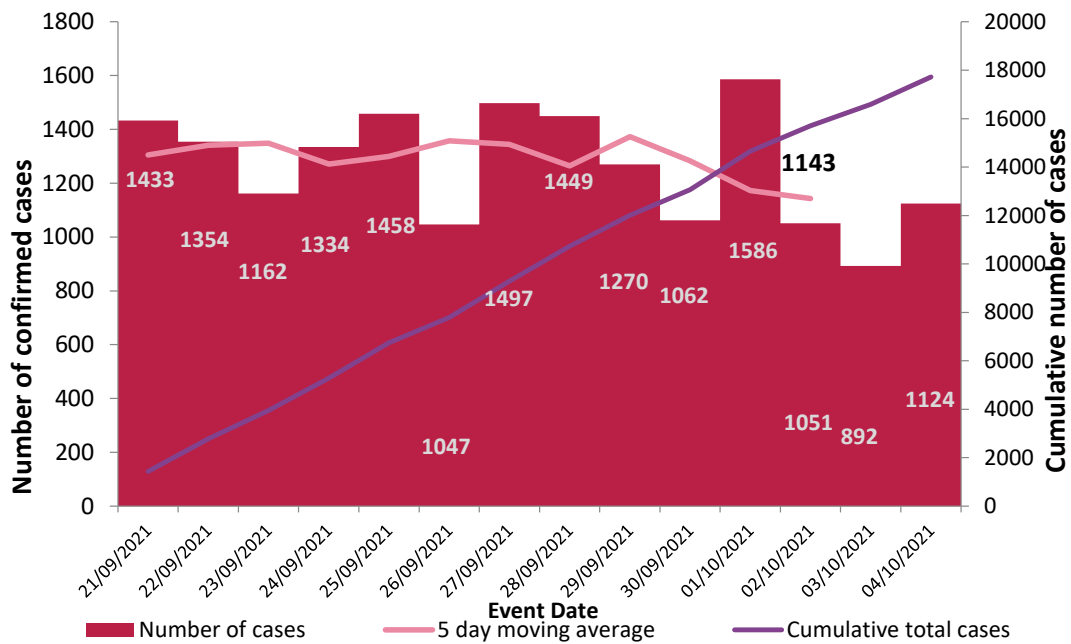


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=17719)

*Notifications of COVID-19 cases on CIDR may be reduced at weekends. Cases diagnosed at weekends may be reflected in notifications early the following week.

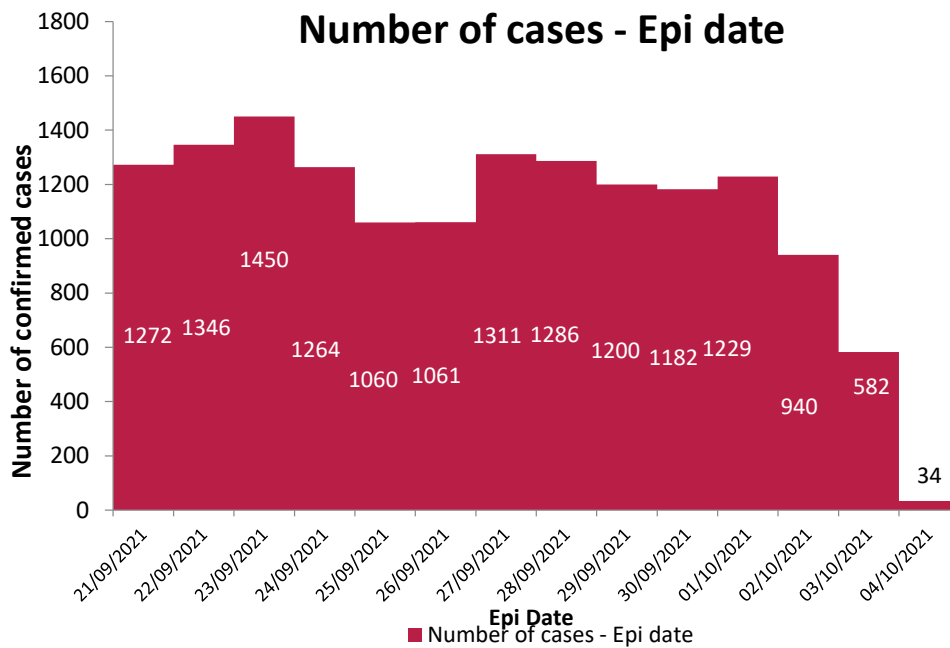


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 21/09/2021 up to midnight on 04/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		17,719	100
Sex	Male	8,692	49.1
	Female	8,996	50.8
	Unknown	31	0.2
Age	Median age (years)	31	
	Mean age (years)	33	
	Age range (years)	0-103	
	0-4 yrs	1011	5.7
	5-12 yrs	2954	16.7
	13-18 yrs	1420	8.0
	19-24 yrs	1822	10.3
	25-34 yrs	2489	14.0
	35-44 yrs	2810	15.9
	45-54 yrs	1983	11.2
	55-64 yrs	1529	8.6
	65-74 yrs	1017	5.7
	75-84 yrs	493	2.8
	85+ yrs	189	1.1
	Unknown	2	
	Total	17,719	

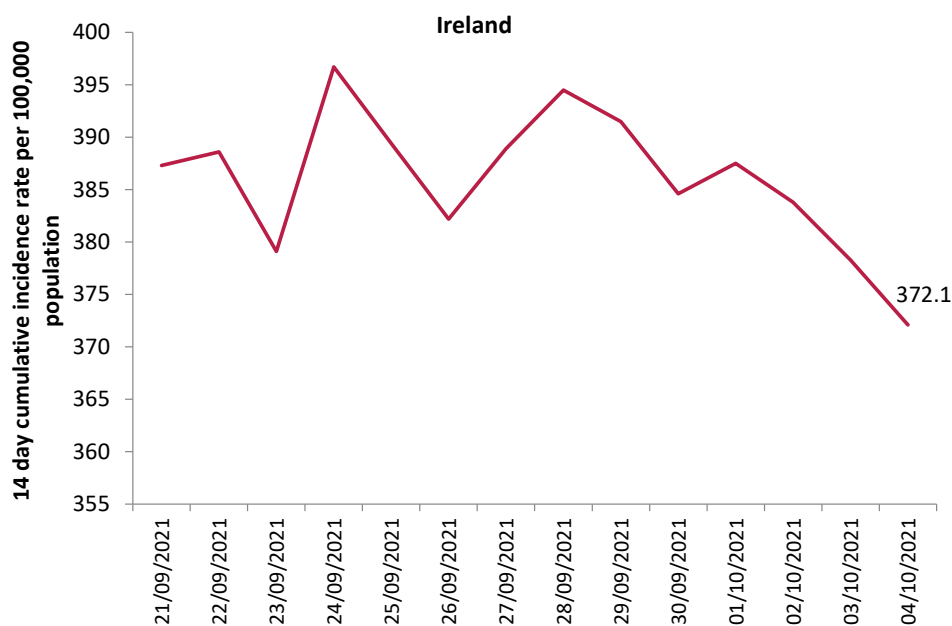


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 21/09/2021 up to midnight on 04/10/2021

*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 21/09/2021 up to midnight on 04/10/2021, 7 day numbers are reported from 28/09/2021 up to midnight on 04/10/2021

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 (30/09/2021 - 04/10/2021)
Longford	163	398.8	275	672.8	59.27	23
Carlow	200	351.3	369	648.1	54.20	29
Waterford	392	337.4	660	568.1	59.39	51
Donegal	457	287.1	943	592.4	48.46	61
Kerry	415	281.0	628	425.2	66.08	56
Monaghan	144	234.6	311	506.6	46.30	20
Limerick	444	227.8	814	417.7	54.55	56
Cavan	169	221.9	379	497.5	44.59	25
Leitrim	64	199.7	134	418.2	47.76	7
Meath	359	184.1	729	373.8	49.25	47
Dublin	2,367	175.7	5470	406.0	43.27	308
Clare	205	172.5	356	299.6	57.58	30
Louth	219	169.9	495	384.1	44.24	29
Sligo	110	167.8	222	338.8	49.55	16
Roscommon	107	165.8	219	339.3	48.86	15
Westmeath	147	165.6	280	315.4	52.50	23
Offaly	124	159.1	229	293.7	54.15	16
Galway	407	157.7	831	322.0	48.98	60
Laois	119	140.5	256	302.3	46.48	16
Cork	744	137.0	1540	283.7	48.31	108
Tipperary	217	136.0	465	291.4	46.67	30
Kildare	300	134.8	814	365.8	36.86	39
Mayo	153	117.2	456	349.4	33.55	20
Wexford	171	114.2	324	216.4	52.78	24
Wicklow	160	112.3	310	217.7	51.61	23
Kilkenny	77	77.6	210	211.6	36.67	12
Unknown/Other						
Total	8,434	177.1	17719	372.1	47.60	1143

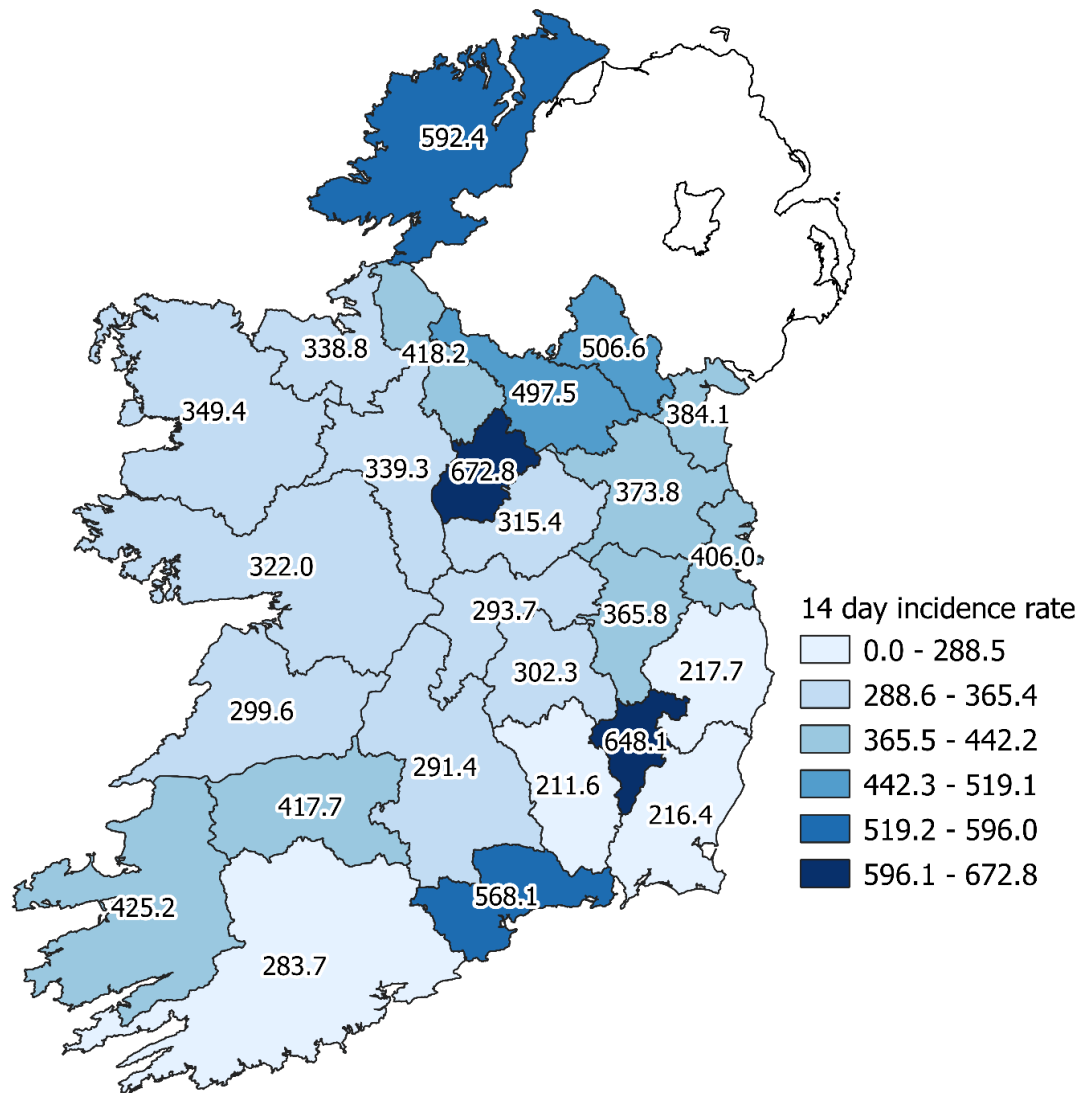


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 21/09/2021 up to midnight on 04/10/2021

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.

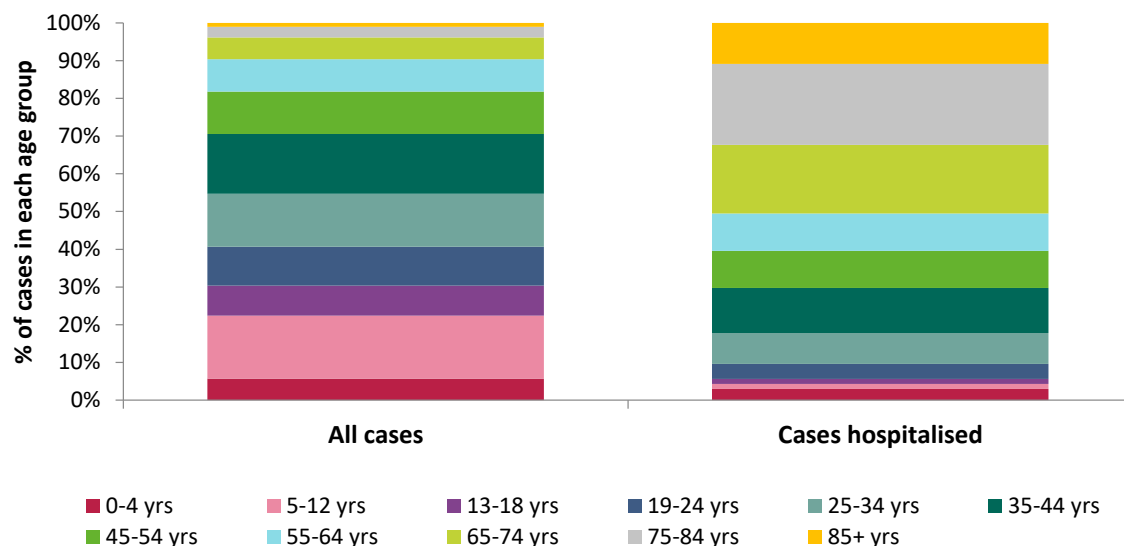


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 21/09/2021 up to midnight on 04/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 21/09/2021 up to midnight on 04/10/2021, 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	1011	5.7	9	3.0	<5	-
5-12 yrs	2954	16.7	4	1.3	<5	-
13-18 yrs	1420	8.0	4	1.3	<5	-
19-24 yrs	1822	10.3	12	4.0	<5	-
25-34 yrs	2489	14.0	25	8.3	<5	-
35-44 yrs	2810	15.9	36	11.9	<5	-
45-54 yrs	1983	11.2	30	9.9	<5	-
55-64 yrs	1529	8.6	30	9.9	<5	-
65-74 yrs	1017	5.7	55	18.2	<5	-
75-84 yrs	493	2.8	65	21.5	<5	-
85+ yrs	189	1.1	33	10.9	<5	-
Unknown	2	0.0	0	0.0	0	0.0
Total	17719	100	303	100	15	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 21/09/2021 up to midnight on 04/10/2021

Date	Number of confirmed cases
21/09/2021	1433
22/09/2021	1354
23/09/2021	1162
24/09/2021	1334
25/09/2021	1458
26/09/2021	1047
27/09/2021	1497
28/09/2021	1449
29/09/2021	1270
30/09/2021	1062
01/10/2021	1586
02/10/2021	1051
03/10/2021	892
04/10/2021	1124
Total	17,719

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 (21/09/2021 to 04/10/2021)



