



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 07/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 23/09/2021 up to midnight on 06/10/2021

	Number	Percent
Total number of confirmed cases	17,121	
National incidence of confirmed cases per 100,000 population	359.5	
Number of cases hospitalised*	327	1.91
Number of cases admitted to ICU*	15	0.09
Males	8,353	48.8
Females	8,743	51.1
M:F ratio	0.96	
Median age (years)	32	
Mean age (years)	34	
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 07/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

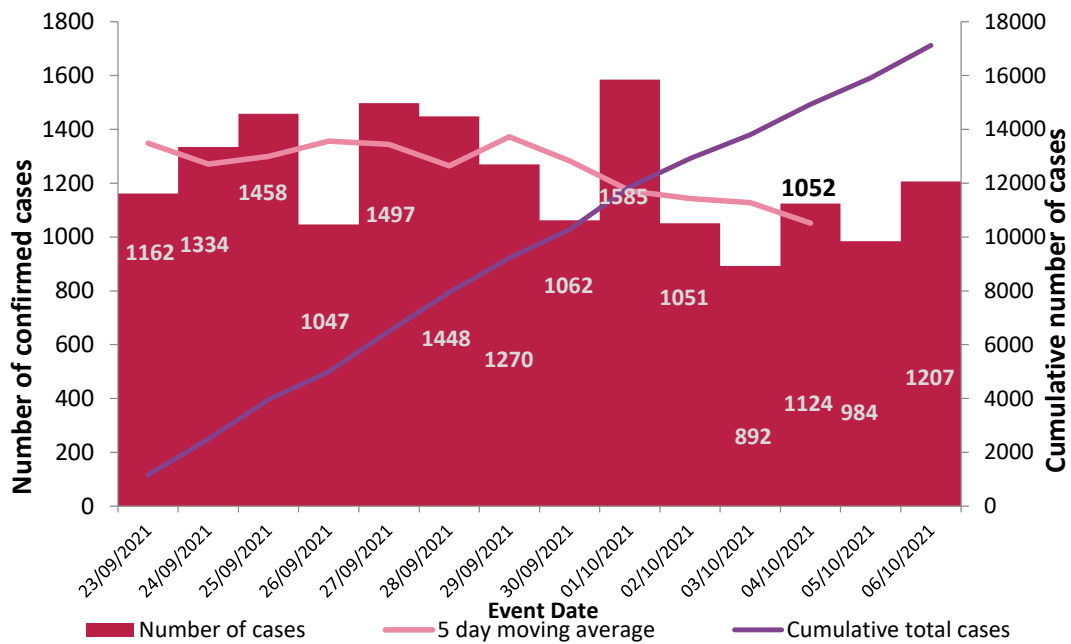


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=17121)

*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.

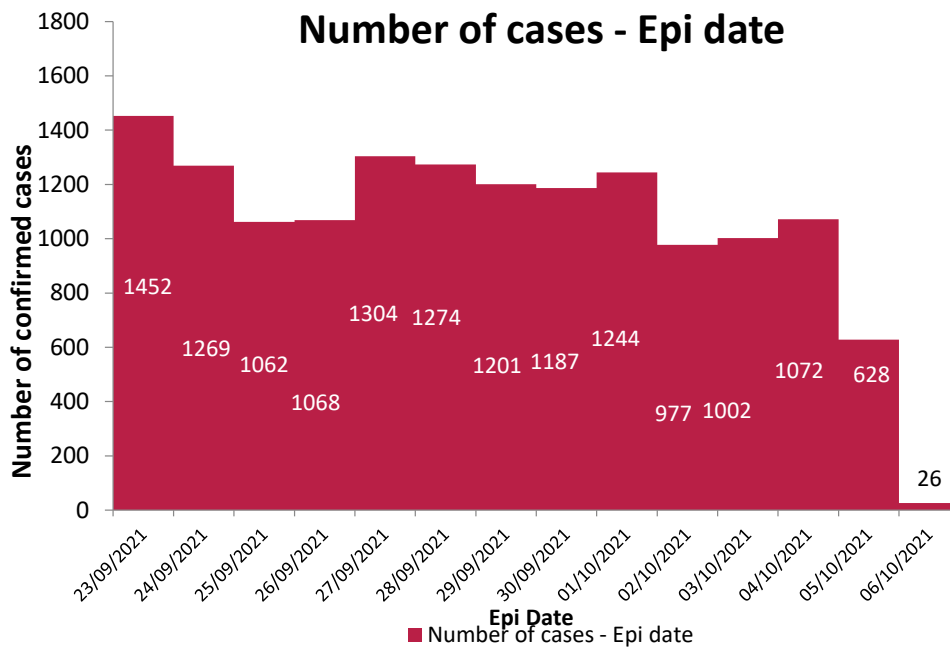


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 23/09/2021 up to midnight on 06/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		17,121	100
Sex	Male	8,353	48.8
	Female	8,743	51.1
	Unknown	25	0.1
Age	Median age (years)	32	
	Mean age (years)	34	
	Age range (years)	0-101	
	0-4 yrs	928	5.4
	5-12 yrs	2687	15.7
	13-18 yrs	1343	7.8
	19-24 yrs	1776	10.4
	25-34 yrs	2376	13.9
	35-44 yrs	2696	15.7
	45-54 yrs	1986	11.6
	55-64 yrs	1570	9.2
	65-74 yrs	1059	6.2
	75-84 yrs	495	2.9
	85+ yrs	204	1.2
	Unknown	1	
	Total	17,121	

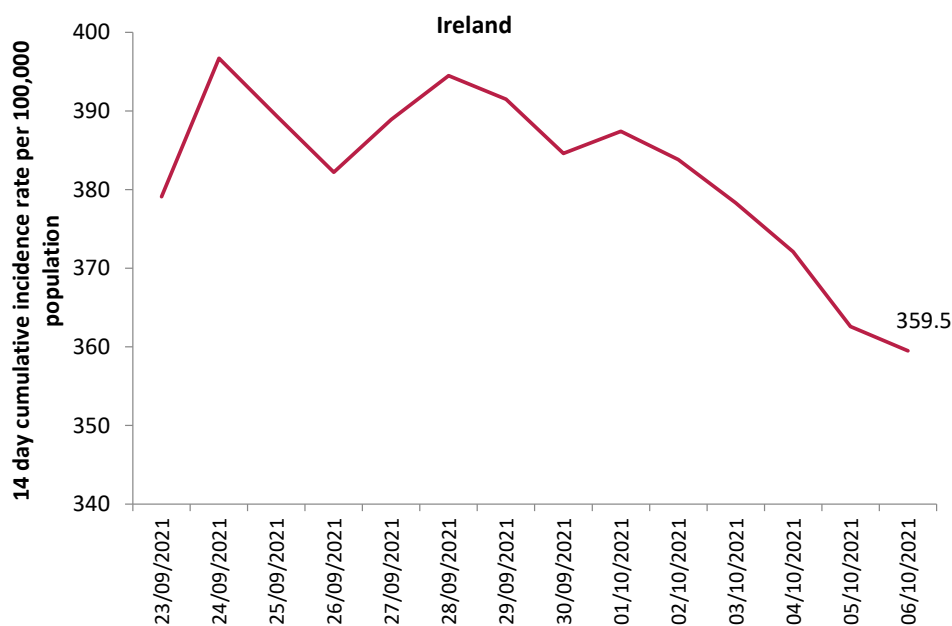


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 23/09/2021 up to midnight on 06/10/2021

*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 23/09/2021 up to midnight on 06/10/2021, 7 day numbers are reported from 30/09/2021 up to midnight on 06/10/2021

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 (02/10/2021 - 06/10/2021)
Longford	121	296.0	253	619.0	47.83	12
Waterford	337	290.1	665	572.4	50.68	47
Carlow	163	286.3	331	581.4	49.24	26
Monaghan	157	255.8	292	475.7	53.77	19
Kerry	371	251.2	660	446.8	56.21	49
Donegal	391	245.6	863	542.1	45.31	54
Cavan	183	240.2	350	459.5	52.29	22
Limerick	422	216.5	850	436.1	49.65	59
Meath	361	185.1	763	391.2	47.31	43
Leitrim	56	174.8	129	402.6	43.41	8
Louth	224	173.8	511	396.5	43.84	30
Dublin	2,175	161.4	5124	380.3	42.45	279
Galway	408	158.1	827	320.5	49.33	61
Clare	183	154.0	358	301.3	51.12	24
Westmeath	130	146.4	262	295.1	49.62	16
Laois	124	146.4	252	297.5	49.21	15
Roscommon	92	142.5	219	339.3	42.01	11
Sligo	92	140.4	206	314.3	44.66	14
Offaly	108	138.5	218	279.6	49.54	15
Cork	741	136.5	1543	284.2	48.02	105
Kildare	298	133.9	760	341.6	39.21	38
Tipperary	195	122.2	438	274.5	44.52	24
Wicklow	172	120.8	318	223.3	54.09	24
Wexford	170	113.5	341	227.8	49.85	23
Kilkenny	104	104.8	230	231.8	45.22	16
Mayo	127	97.3	358	274.3	35.47	18
Unknown/Other						
Total	7,905	166.0	17121	359.5	46.17	1052

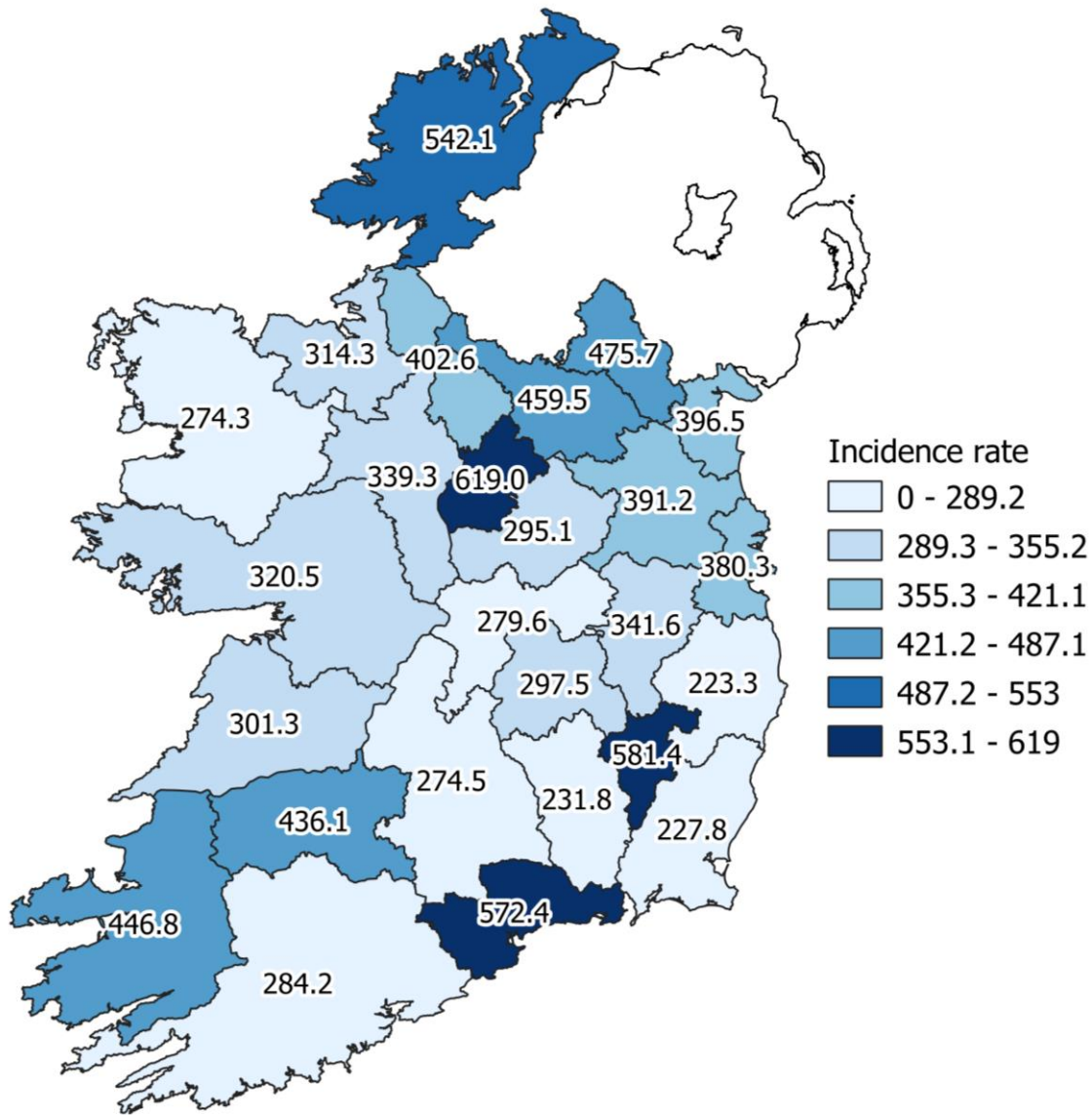


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 23/09/2021 up to midnight on 06/10/2021

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.

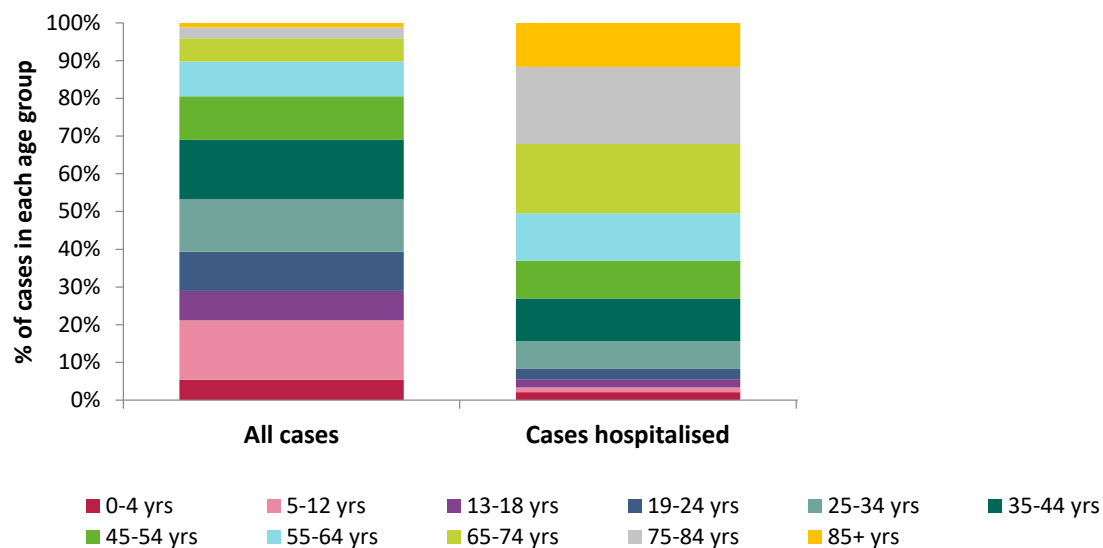


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 23/09/2021 up to midnight on 06/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 23/09/2021 up to midnight on 06/10/2021, 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	928	5.4	7	2.1	<5	-
5-12 yrs	2687	15.7	4	1.2	<5	-
13-18 yrs	1343	7.8	7	2.1	<5	-
19-24 yrs	1776	10.4	9	2.8	<5	-
25-34 yrs	2376	13.9	24	7.3	<5	-
35-44 yrs	2696	15.7	37	11.3	<5	-
45-54 yrs	1986	11.6	33	10.1	<5	-
55-64 yrs	1570	9.2	41	12.5	<5	-
65-74 yrs	1059	6.2	60	18.3	<5	-
75-84 yrs	495	2.9	67	20.5	<5	-
85+ yrs	204	1.2	38	11.6	<5	-
Unknown	1	0.0	0	0.0	0	0.0
Total	17121	100	327	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 23/09/2021 up to midnight on 06/10/2021

Date	Number of confirmed cases
23/09/2021	1162
24/09/2021	1334
25/09/2021	1458
26/09/2021	1047
27/09/2021	1497
28/09/2021	1448
29/09/2021	1270
30/09/2021	1062
01/10/2021	1585
02/10/2021	1051
03/10/2021	892
04/10/2021	1124
05/10/2021	984
06/10/2021	1207
Total	17,121

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 (23/09/2021 to 06/10/2021)

