



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 20/09/2021

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

	Number	Percent
Total number of confirmed cases	18,607	
National incidence of confirmed cases per 100,000 population	390.8	
Number of cases hospitalised*	276	1.48
Number of cases admitted to ICU*	29	0.16
Males	9,211	49.5
Females	9,370	50.4
M:F ratio	0.98	
Median age (years)	25	
Mean age (years)	29	
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 20/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

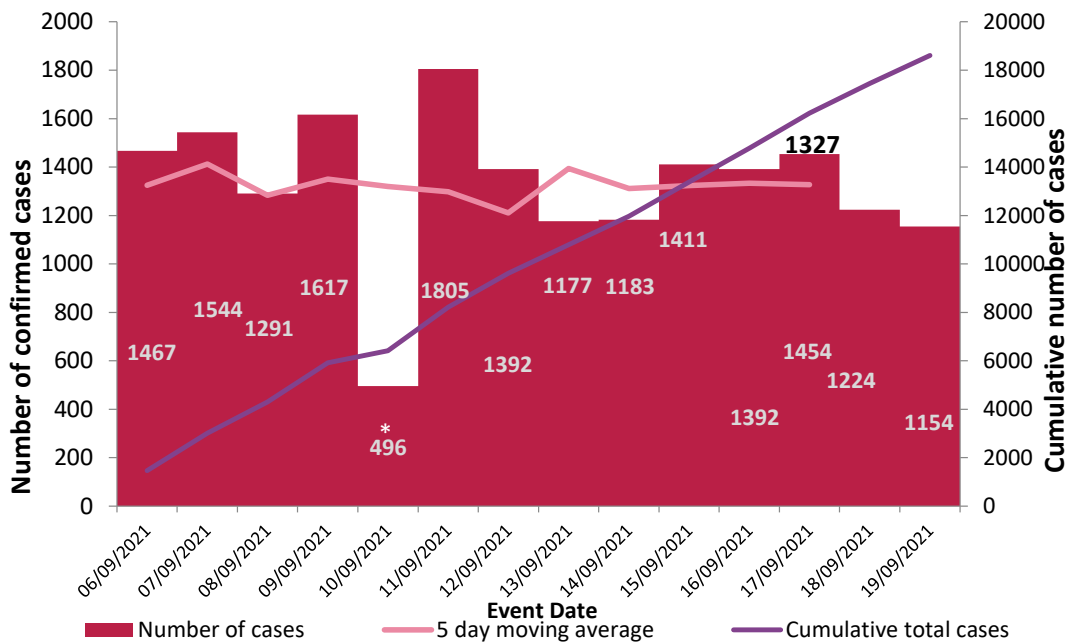


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18607)

* Due to an IT issue causing a delay in reporting, the number of COVID-19 cases notified on the 10/09/2021 is reduced, the case numbers in the days following (11-13th Sept) are inflated, when data are presented by notification date. Due to this IT issue, daily case numbers reported over the weekend were reported from CCT data.

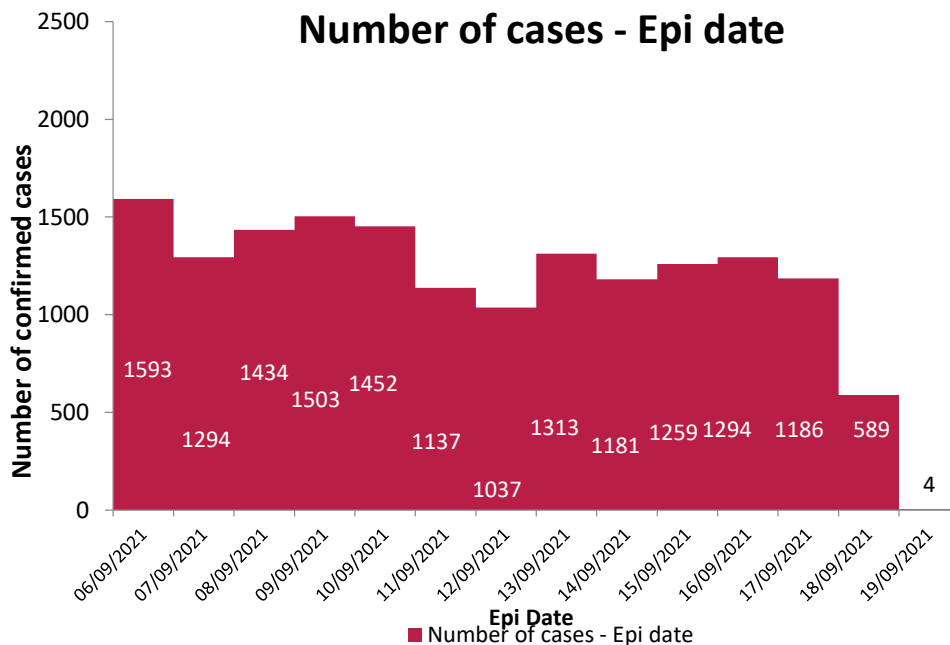


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 06/09/2021 up to midnight on 19/09/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		18,607	100
Sex	Male	9,211	49.5
	Female	9,370	50.4
	Unknown	26	0.1
Age	Median age (years)	25	
	Mean age (years)	29	
	Age range (years)	0-103	
	0-4 yrs	1305	7.0
	5-12 yrs	4170	22.4
	13-18 yrs	1818	9.8
	19-24 yrs	1860	10.0
	25-34 yrs	2437	13.1
	35-44 yrs	2716	14.6
	45-54 yrs	1905	10.2
	55-64 yrs	1118	6.0
	65-74 yrs	704	3.8
	75-84 yrs	389	2.1
	85+ yrs	184	1.0
	Unknown	1	
	Total	18,607	

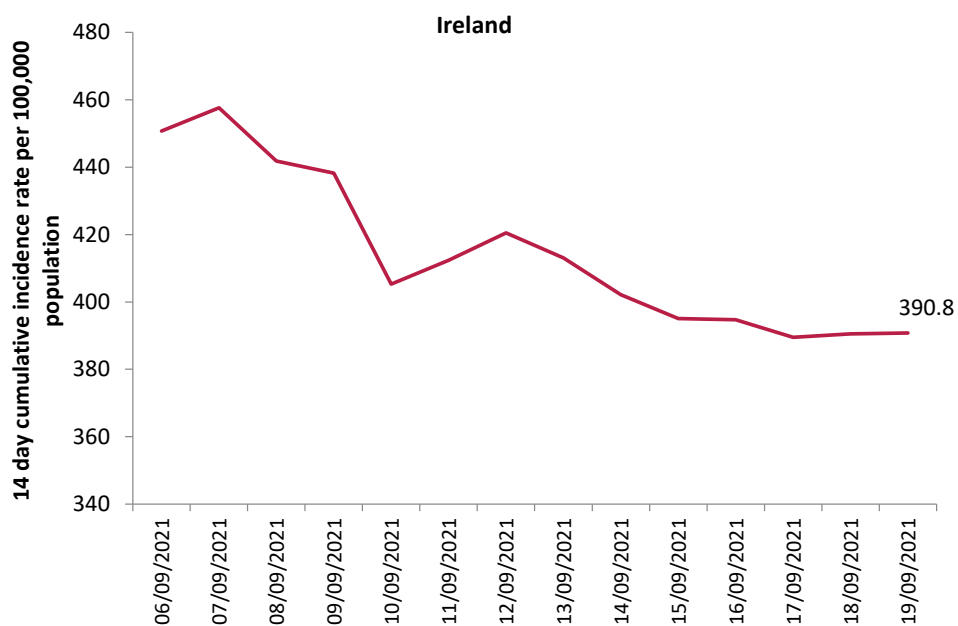


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 06/09/2021 up to midnight on 19/09/2021

*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 06/09/2021 up to midnight on 19/09/2021, 7 day numbers are reported from 13/09/2021 up to midnight on 19/09/2021

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 (15/09/2021 - 19/09/2021)
Monaghan	250	407.3	533	868.3	46.90	32
Donegal	634	398.3	1282	805.3	49.45	95
Louth	511	396.5	872	676.6	58.60	73
Carlow	190	333.7	324	569.1	58.64	30
Laois	188	222.0	434	512.4	43.32	33
Westmeath	197	221.9	354	398.8	55.65	33
Cavan	168	220.5	374	491.0	44.92	28
Longford	87	212.9	201	491.8	43.28	15
Dublin	2,761	204.9	5933	440.3	46.54	398
Limerick	368	188.8	695	356.6	52.95	49
Mayo	241	184.7	506	387.7	47.63	43
Meath	359	184.1	709	363.5	50.63	50
Kerry	246	166.5	472	319.6	52.12	31
Kildare	367	164.9	750	337.1	48.93	49
Clare	183	154.0	339	285.3	53.98	27
Tipperary	245	153.6	454	284.5	53.96	36
Offaly	118	151.4	311	398.9	37.94	19
Roscommon	96	148.7	236	365.6	40.68	16
Kilkenny	143	144.1	321	323.5	44.55	18
Cork	748	137.8	1522	280.4	49.15	121
Waterford	157	135.1	314	270.3	50.00	19
Galway	336	130.2	745	288.7	45.10	54
Wexford	194	129.6	366	244.5	53.01	24
Sligo	75	114.4	196	299.1	38.27	13
Leitrim	35	109.2	121	377.6	28.93	7
Wicklow	98	68.8	243	170.6	40.33	14
Unknown/Other						
Total	8,995	188.9	18607	390.8	48.34	1327

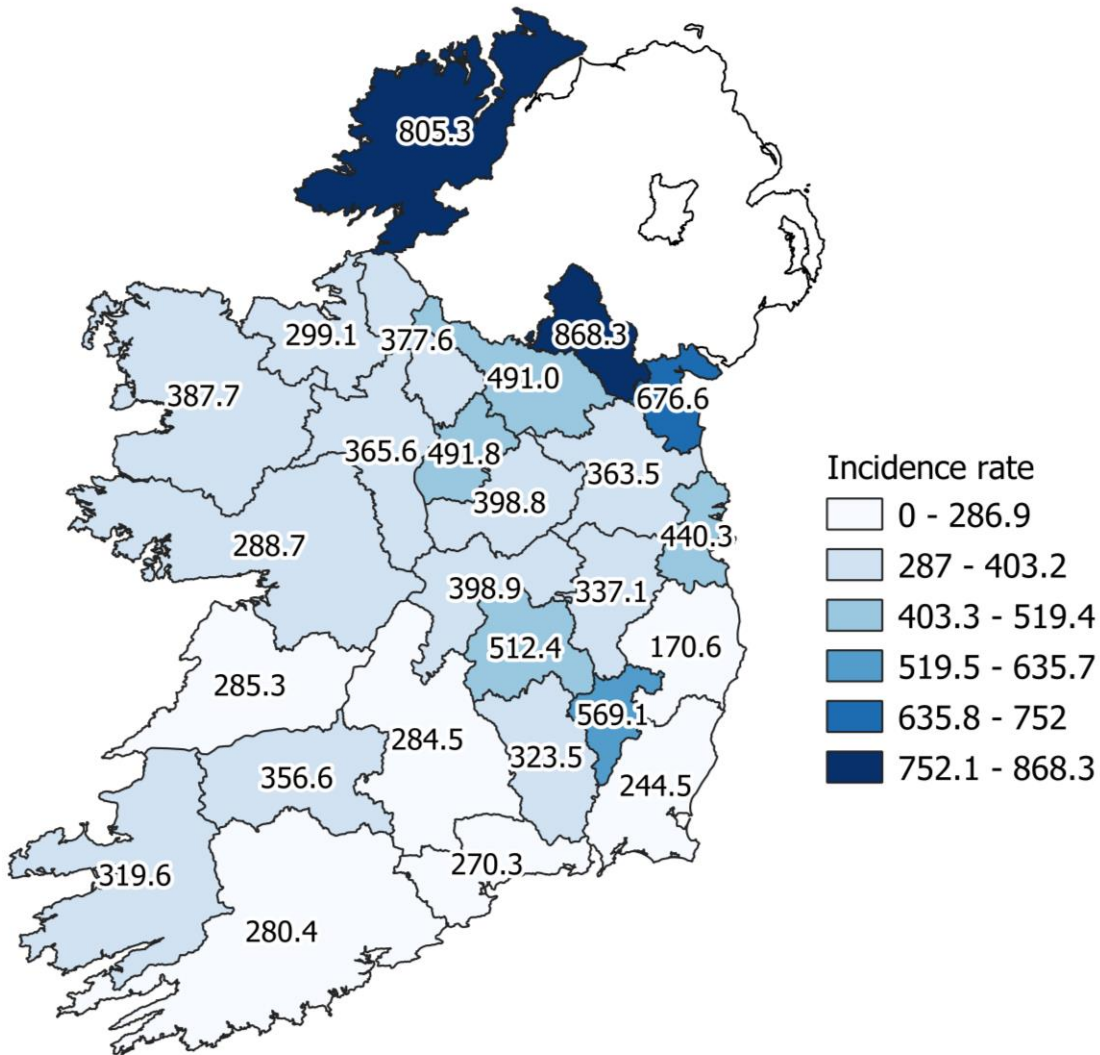


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 06/09/2021 up to midnight on 19/09/2021

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.

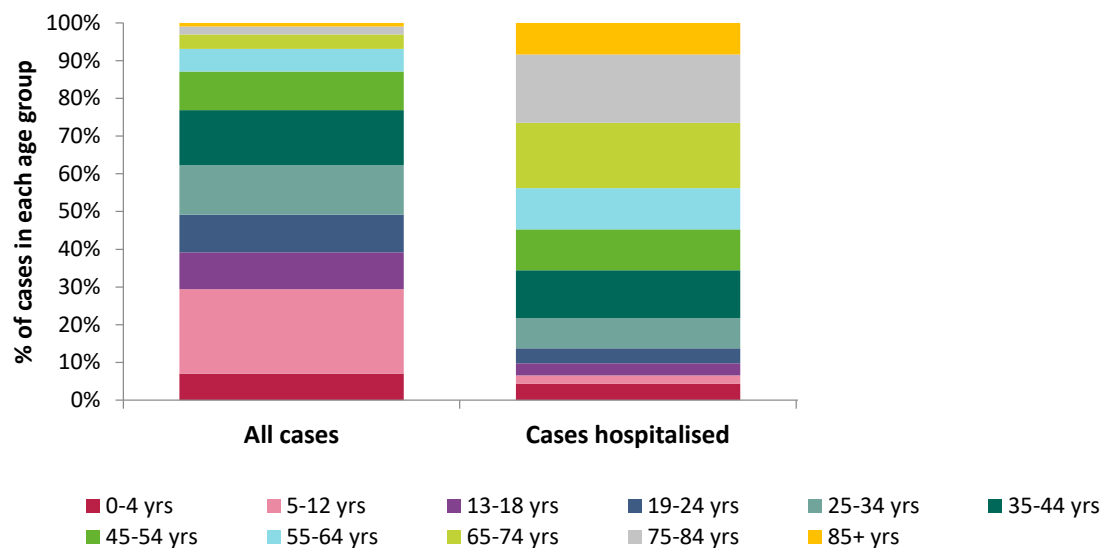


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 06/09/2021 up to midnight on 19/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 06/09/2021 up to midnight on 19/09/2021, 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	1305	7.0	12	4.3	<5	-
5-12 yrs	4170	22.4	6	2.2	<5	-
13-18 yrs	1818	9.8	9	3.3	<5	-
19-24 yrs	1860	10.0	11	4.0	<5	-
25-34 yrs	2437	13.1	22	8.0	<5	-
35-44 yrs	2716	14.6	35	12.7	<5	-
45-54 yrs	1905	10.2	30	10.9	5	17.2
55-64 yrs	1118	6.0	30	10.9	<5	-
65-74 yrs	704	3.8	48	17.4	10	34.5
75-84 yrs	389	2.1	50	18.1	<5	-
85+ yrs	184	1.0	23	8.3	<5	-
Unknown	1	0.0	0	0.0	0	0.0
Total	18607	100	276	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 4: Daily number of confirmed COVID-19 cases notified in Ireland from 06/09/2021 up to midnight on 19/09/2021

Date	Number of confirmed cases
06/09/2021	1467
07/09/2021	1544
08/09/2021	1291
09/09/2021	1617
10/09/2021	496 *
11/09/2021	1805
12/09/2021	1392
13/09/2021	1177
14/09/2021	1183
15/09/2021	1411
16/09/2021	1392
17/09/2021	1454
18/09/2021	1224
19/09/2021	1154
Total	18,607

* Due to an IT issue causing a delay in reporting, the number of COVID-19 cases notified on the 10/09/2021 is reduced, the case numbers in the days following (11-13th Sept) are inflated, when data are presented by notification date. Due to this IT issue, daily case numbers reported over the weekend were reported from CCT data.

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 (06/09/2021 to 19/09/2021)

