



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 01/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 17/09/2021 up to midnight on 30/09/2021

	Number	Percent
Total number of confirmed cases	18,314	
National incidence of confirmed cases per 100,000 population	384.6	
Number of cases hospitalised*	324	1.77
Number of cases admitted to ICU*	13	0.07
Males	9,082	49.6
Females	9,187	50.2
M:F ratio	0.99	
Median age (years)	29	
Mean age (years)	32	
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 01/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

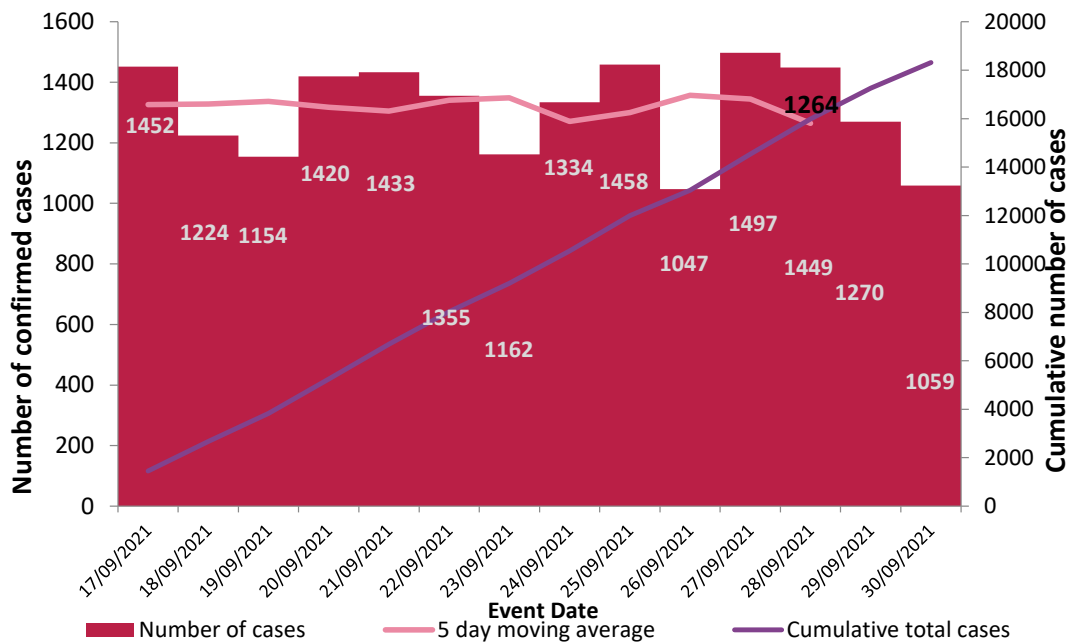


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18314)

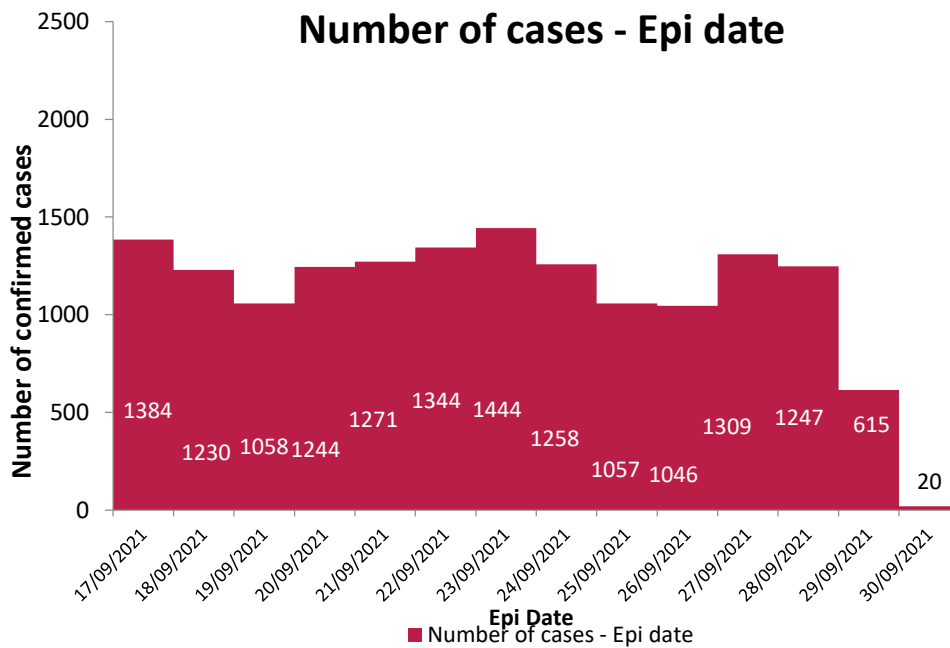


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 17/09/2021 up to midnight on 30/09/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		18,314	100
Sex	Male	9,082	49.6
	Female	9,187	50.2
	Unknown	45	0.2
Age	Median age (years)	29	
	Mean age (years)	32	
	Age range (years)	0-103	
	0-4 yrs	1129	6.2
	5-12 yrs	3490	19.1
	13-18 yrs	1523	8.3
	19-24 yrs	1825	10.0
	25-34 yrs	2496	13.6
	35-44 yrs	2868	15.7
	45-54 yrs	1994	10.9
	55-64 yrs	1404	7.7
	65-74 yrs	885	4.8
	75-84 yrs	473	2.6
	85+ yrs	223	1.2
	Unknown	4	
Total		18,314	

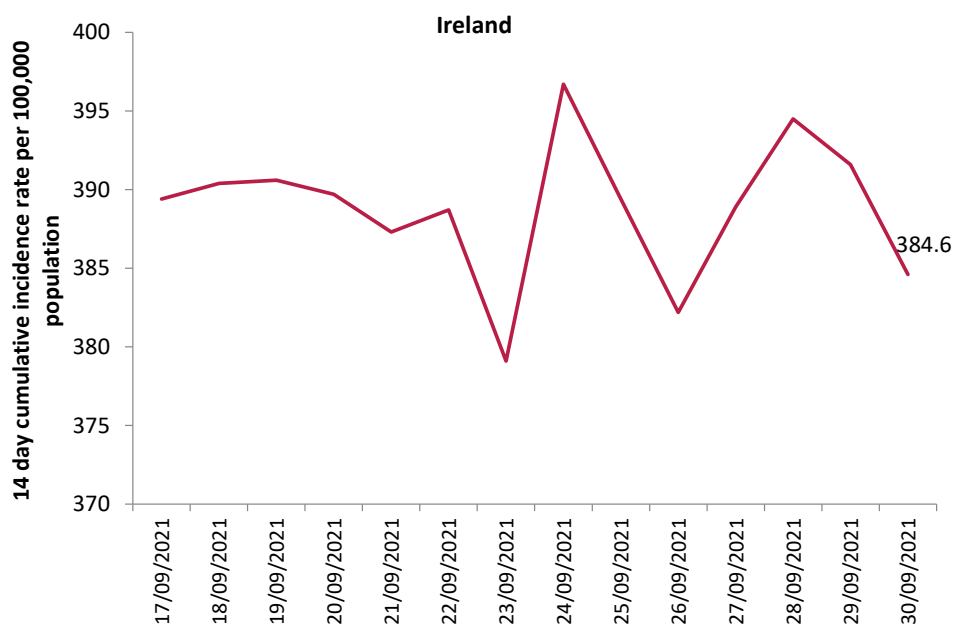


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 17/09/2021 up to midnight on 30/09/2021

*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 17/09/2021 up to midnight on 30/09/2021, 7 day numbers are reported from 24/09/2021 up to midnight on 30/09/2021

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 (26/09/2021 - 30/09/2021)
Longford	146	357.2	247	604.3	59.11	21
Carlow	182	319.7	318	558.6	57.23	28
Donegal	484	304.0	1046	657.1	46.27	69
Waterford	327	281.5	510	439.0	64.12	55
Cavan	187	245.5	365	479.2	51.23	26
Monaghan	148	241.1	306	498.5	48.37	18
Louth	282	218.8	627	486.5	44.98	31
Dublin	2,928	217.3	6012	446.2	48.70	402
Leitrim	68	212.2	130	405.7	52.31	10
Limerick	408	209.3	795	407.9	51.32	63
Kerry	307	207.8	542	366.9	56.64	51
Roscommon	132	204.5	202	313.0	65.35	18
Meath	385	197.4	783	401.4	49.17	51
Kildare	411	184.7	892	400.9	46.08	47
Sligo	103	157.2	200	305.2	51.50	15
Galway	402	155.8	767	297.2	52.41	59
Clare	183	154.0	323	271.8	56.66	28
Mayo	199	152.5	537	411.5	37.06	24
Tipperary	241	151.0	492	308.4	48.98	36
Cork	804	148.1	1571	289.4	51.18	104
Offaly	113	144.9	212	271.9	53.30	16
Laois	121	142.9	299	353.0	40.47	18
Westmeath	126	141.9	317	357.1	39.75	17
Wexford	175	116.9	307	205.0	57.00	26
Wicklow	157	110.2	289	202.9	54.33	22
Kilkenny	95	95.7	225	226.7	42.22	10
Unknown/Other						
Total	9,114	191.4	18314	384.6	49.77	1264

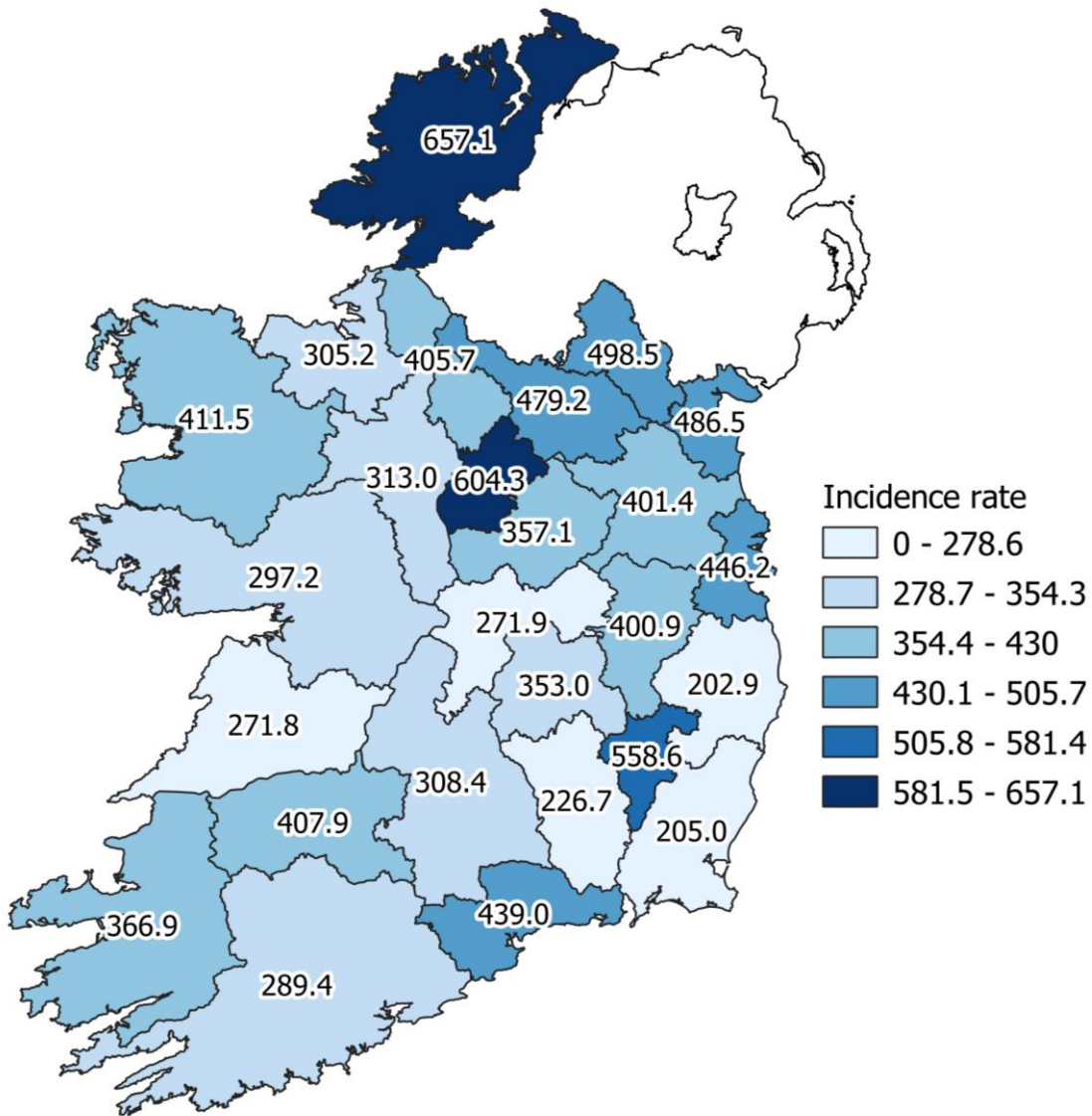


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 17/09/2021 up to midnight on 30/09/2021

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.

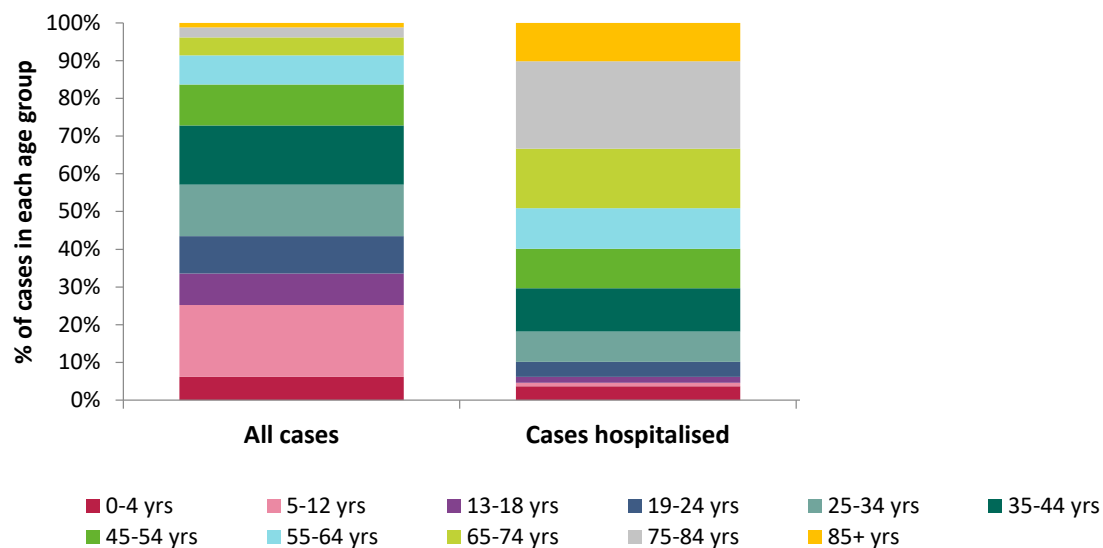


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 17/09/2021 up to midnight on 30/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 17/09/2021 up to midnight on 30/09/2021, 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	1129	6.2	12	3.7	<5	-
5-12 yrs	3490	19.1	3	0.9	<5	-
13-18 yrs	1523	8.3	5	1.5	<5	-
19-24 yrs	1825	10.0	13	4.0	<5	-
25-34 yrs	2496	13.6	26	8.0	<5	-
35-44 yrs	2868	15.7	37	11.4	<5	-
45-54 yrs	1994	10.9	34	10.5	<5	-
55-64 yrs	1404	7.7	35	10.8	<5	-
65-74 yrs	885	4.8	51	15.7	<5	-
75-84 yrs	473	2.6	75	23.1	<5	-
85+ yrs	223	1.2	33	10.2	<5	-
Unknown	4	0.0	0	0.0	0	0.0
Total	18314	100	324	100	13	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 17/09/2021 up to midnight on 30/09/2021

Date	Number of confirmed cases
17/09/2021	1452
18/09/2021	1224
19/09/2021	1154
20/09/2021	1420
21/09/2021	1433
22/09/2021	1355
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	1059
Total	18,314

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 (17/09/2021 to 30/09/2021)

