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**Epidemiology of COVID-19 in Ireland - 14 day report.
Report prepared by HPSC on 30/09/2021. Summary
characteristics of confirmed COVID-19 cases notified in
Ireland from 16/09/2021 up to midnight on 29/09/2021**

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Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 30/09/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 16/09/2021 up to midnight on 29/09/2021

	Number	Percent
Total number of confirmed cases	18,648	
National incidence of confirmed cases per 100,000 population	391.6	
Number of cases hospitalised*	322	1.73
Number of cases admitted to ICU*	15	0.08
Males	9,244	49.6
Females	9,368	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 30/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

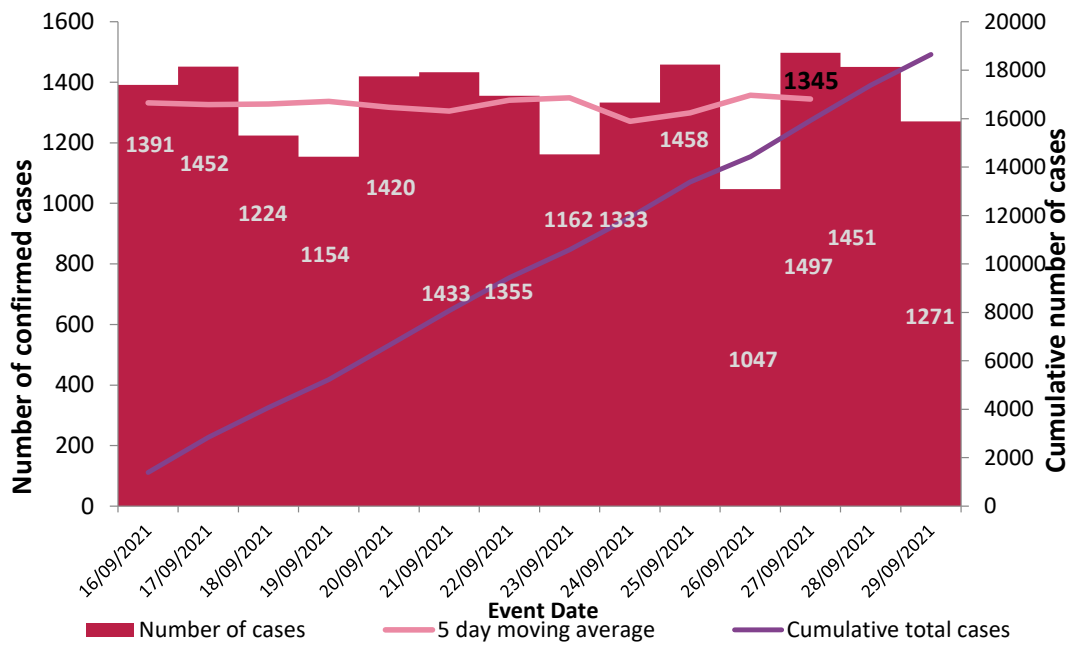


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18648)

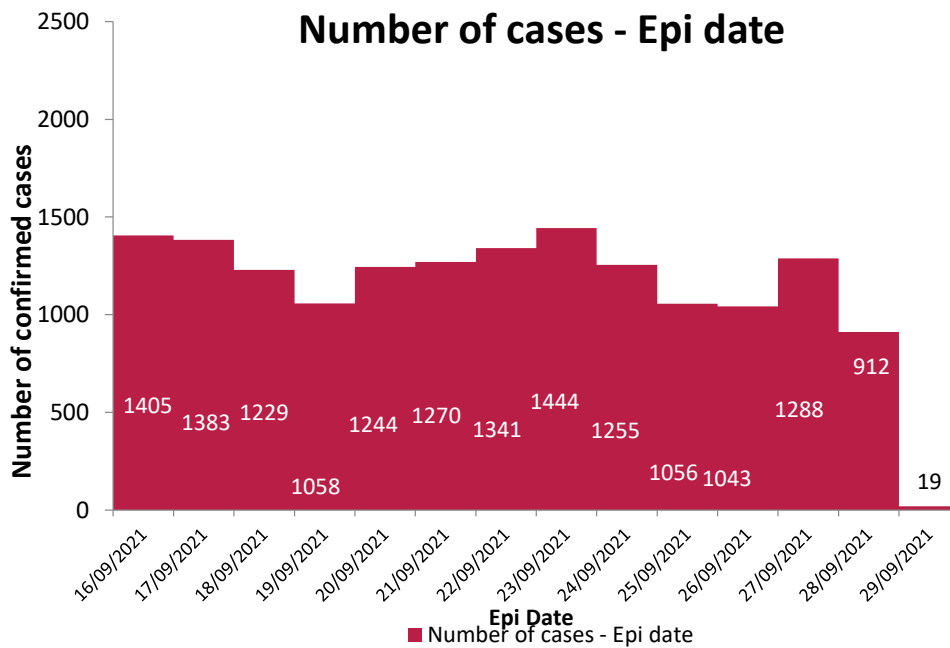


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 16/09/2021 up to midnight on 29/09/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		18,648	100
Sex	Male	9,244	49.6
	Female	9,368	50.2
	Unknown	36	0.2
Age	Median age (years)	29	
	Mean age (years)	32	
	Age range (years)	0-103	
	0-4 yrs	1166	6.3
	5-12 yrs	3642	19.5
	13-18 yrs	1585	8.5
	19-24 yrs	1850	9.9
	25-34 yrs	2531	13.6
	35-44 yrs	2891	15.5
	45-54 yrs	2008	10.8
	55-64 yrs	1388	7.4
	65-74 yrs	873	4.7
	75-84 yrs	468	2.5
	85+ yrs	241	1.3
	Unknown	5	
	Total	18,648	

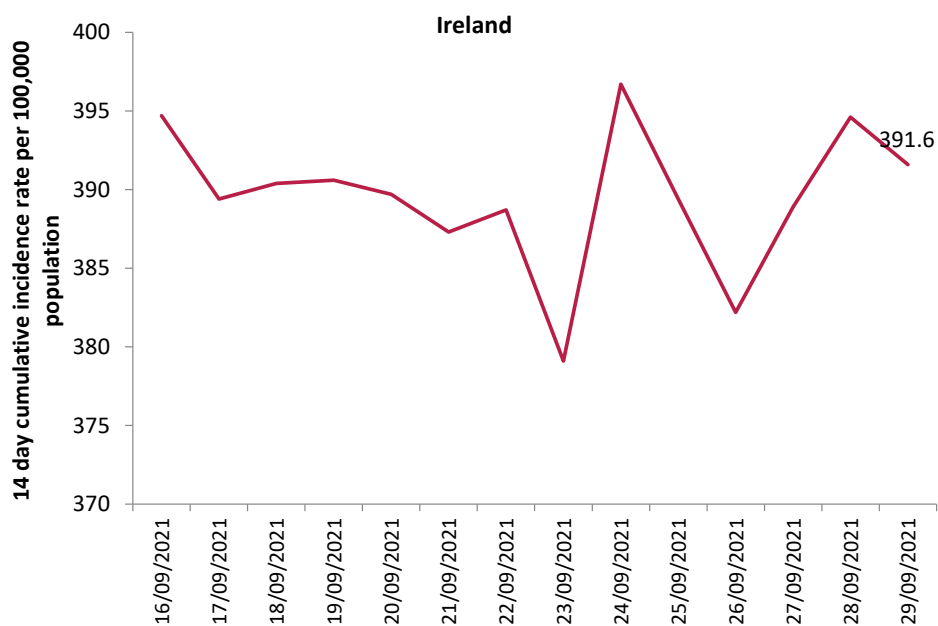


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 16/09/2021 up to midnight on 29/09/2021

*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 16/09/2021 up to midnight on 29/09/2021, 7 day numbers are reported from 23/09/2021 up to midnight on 29/09/2021

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 (25/09/2021 - 29/09/2021)
Carlow	190	333.7	327	574.4	58.10	28
Longford	136	332.7	237	579.8	57.38	22
Donegal	472	296.5	1115	700.4	42.33	64
Waterford	343	295.2	494	425.2	69.43	55
Leitrim	74	230.9	133	415.1	55.64	11
Louth	292	226.6	692	536.9	42.20	40
Dublin	2,959	219.6	6050	449.0	48.91	432
Limerick	428	219.6	807	414.1	53.04	65
Cavan	167	219.2	383	502.8	43.60	25
Monaghan	134	218.3	328	534.3	40.85	21
Meath	398	204.1	806	413.2	49.38	58
Kerry	296	200.4	517	350.0	57.25	45
Kildare	433	194.6	933	419.3	46.41	59
Roscommon	125	193.7	193	299.0	64.77	18
Sligo	114	174.0	196	299.1	58.16	16
Mayo	219	167.8	559	428.3	39.18	26
Galway	425	164.7	778	301.5	54.63	63
Tipperary	242	151.7	491	307.7	49.29	37
Clare	177	149.0	325	273.5	54.46	30
Offaly	115	147.5	233	298.9	49.36	18
Cork	800	147.4	1554	286.3	51.48	112
Westmeath	130	146.4	340	383.0	38.24	17
Laois	121	142.9	315	371.9	38.41	18
Kilkenny	113	113.9	242	243.9	46.69	15
Wexford	170	113.5	313	209.1	54.31	27
Wicklow	146	102.5	287	201.5	50.87	24
Unknown/Other						
Total	9,219	193.6	18648	391.6	49.44	1345

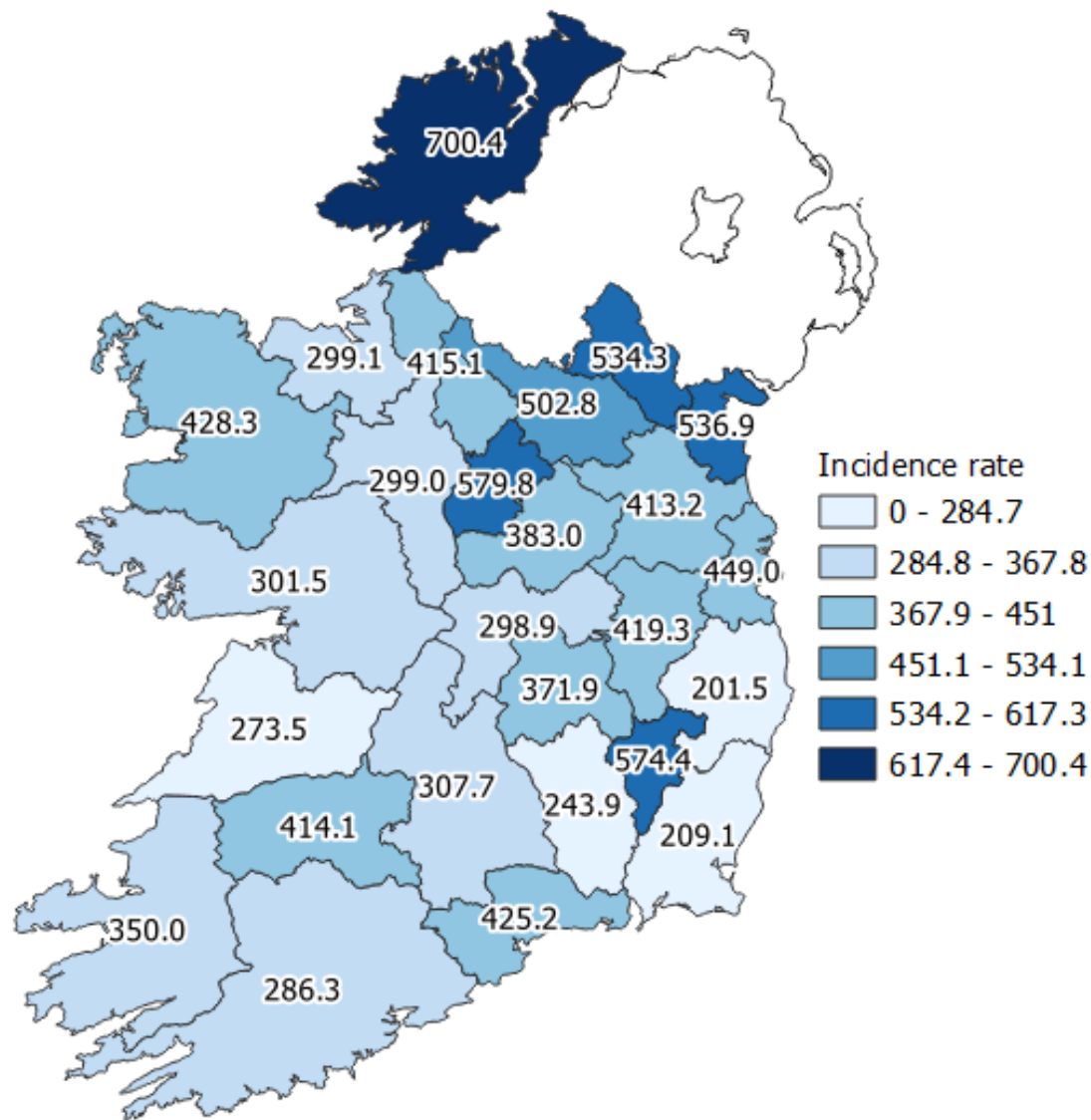


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 16/09/2021 up to midnight on 29/09/2021

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.

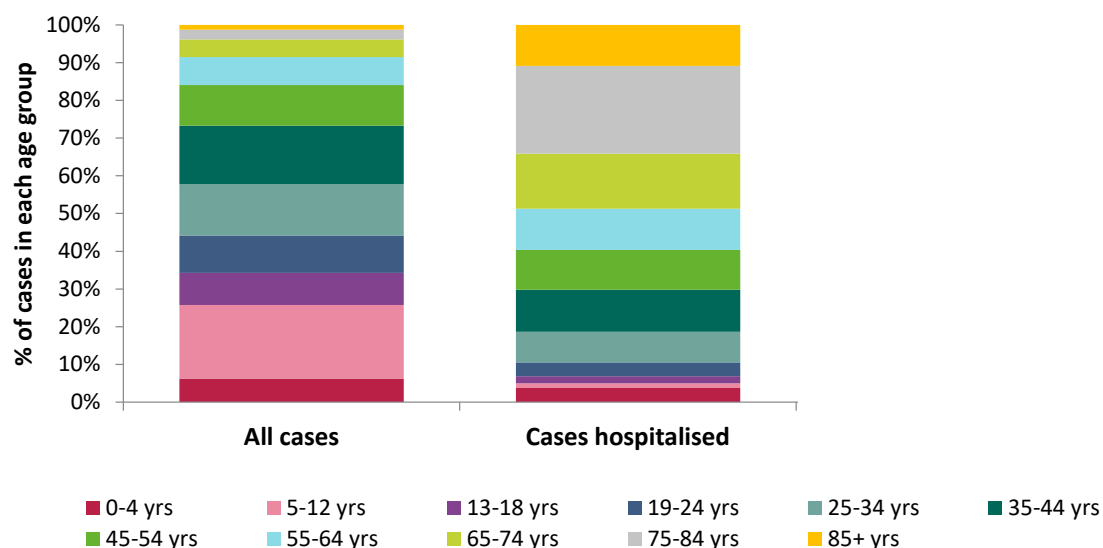


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 16/09/2021 up to midnight on 29/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 16/09/2021 up to midnight on 29/09/2021, 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	1166	6.3	12	3.7	<5	-
5-12 yrs	3642	19.5	4	1.2	<5	-
13-18 yrs	1585	8.5	6	1.9	<5	-
19-24 yrs	1850	9.9	12	3.7	<5	-
25-34 yrs	2531	13.6	26	8.1	<5	-
35-44 yrs	2891	15.5	36	11.2	<5	-
45-54 yrs	2008	10.8	34	10.6	<5	-
55-64 yrs	1388	7.4	35	10.9	<5	-
65-74 yrs	873	4.7	47	14.6	<5	-
75-84 yrs	468	2.5	75	23.3	<5	-
85+ yrs	241	1.3	35	10.9	<5	-
Unknown	5	0.0	0	0.0	0	0.0
Total	18648	100	322	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 16/09/2021 up to midnight on 29/09/2021

Date	Number of confirmed cases
16/09/2021	1391
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	1333
25/09/2021	1458
26/09/2021	1047
27/09/2021	1497
28/09/2021	1451
29/09/2021	1271
Total	18,648

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 (16/09/2021 to 29/09/2021)



