



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 02/09/2021

Reporting from the Computerised Infectious Disease Reporting (CIDR) recommenced on 02/09/2021. See link below for further details:

<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/recommencementofreportingfromcidr/>

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 19/08/2021 up to midnight on 01/09/2021

	Number	Percent
Total number of confirmed cases	23,500	
National incidence of confirmed cases per 100,000 population	493.5	
Number of cases hospitalised*	351	1.49
Number of cases admitted to ICU*	27	0.11
Males	11,555	49.2
Females	11,899	50.6
M:F ratio	0.97	
Median age (years)	27	
Mean age (years)	31	
Age range (years)	0-108	

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.

On 14 May 2021 the HSE suffered a major cyber-attack on its IT systems. While HSE-HPSC and CIDR were not directly compromised by the cyber-attack, our surveillance partners (Departments of Public Health, laboratories, and others) were. As an interim measure after the cyber-attack, the reported daily number of COVID-19 cases was based on data uploaded to the HSE-CovidCare Tracker (CCT). The data extracted from CCT did not represent notified cases and had not undergone the extent of data validation which is undertaken by Departments of Public Health and HPSC. For this reason, the number of cases reported from CIDR for period affected by the cyber-attack (14th May-1st September) will differ from that previously reported based on CCT data.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 02/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

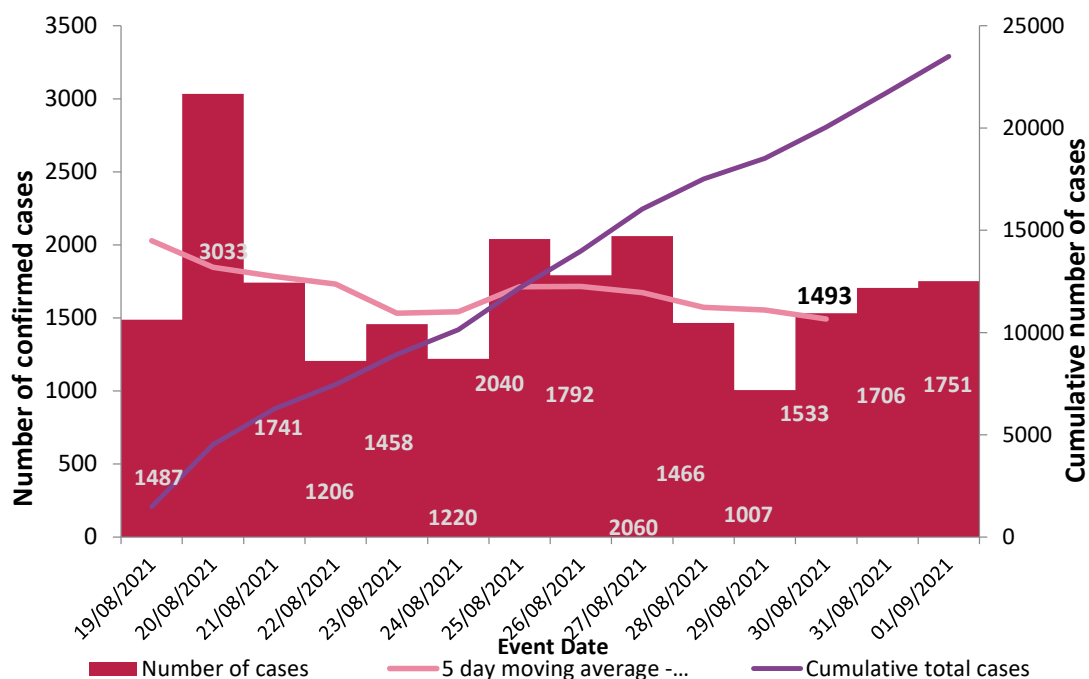


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=23500)

*Please note that due to recent reinstatement of reporting of COVID case numbers from CIDR, case counts may differ from prior reports- please follow link on cover for more details

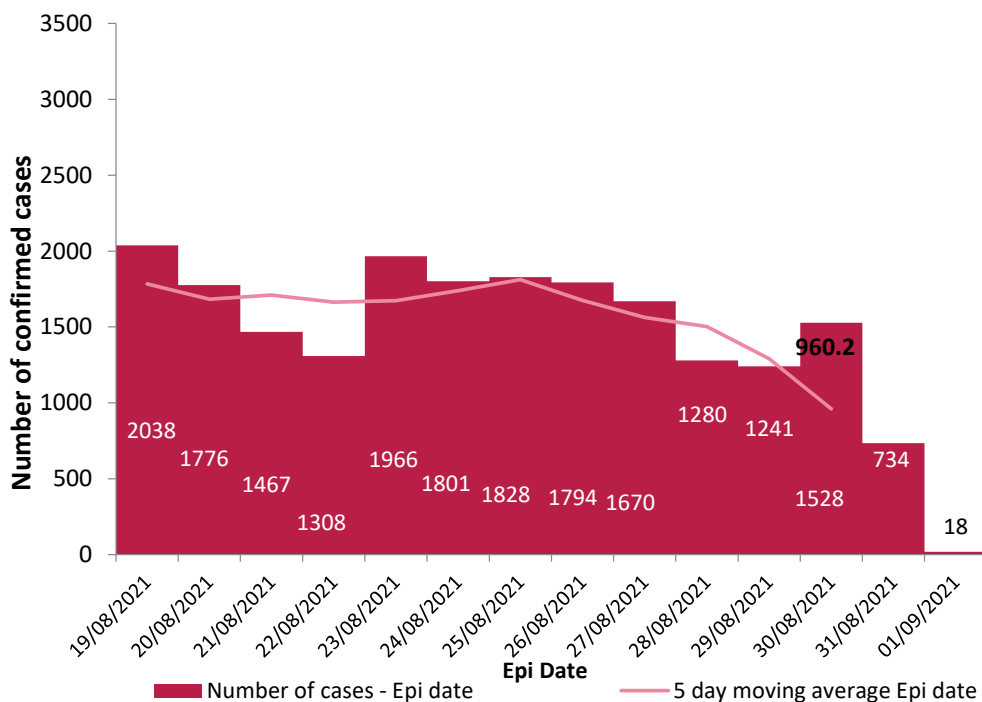


Figure 1b. Daily number of confirmed cases of COVID-19, and 5-day moving average, by epidemiological date*

*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 19/08/2021 up to midnight on 01/09/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		23,500	100
Sex	Male	11,555	49.2
	Female	11,899	50.6
	Unknown	46	0.2
Age	Median age (years)	27	
	Mean age (years)	31	
	Age range (years)	0-108	
	0-4 yrs	1354	5.8
	5-12 yrs	3089	13.1
	13-18 yrs	3184	13.5
	19-24 yrs	3236	13.8
	25-34 yrs	3694	15.7
	35-44 yrs	3068	13.1
	45-54 yrs	2548	10.8
	55-64 yrs	1617	6.9
	65-74 yrs	944	4.0
	75-84 yrs	487	2.1
	85+ yrs	279	1.2
	Unknown	0	
	Total	23,500	

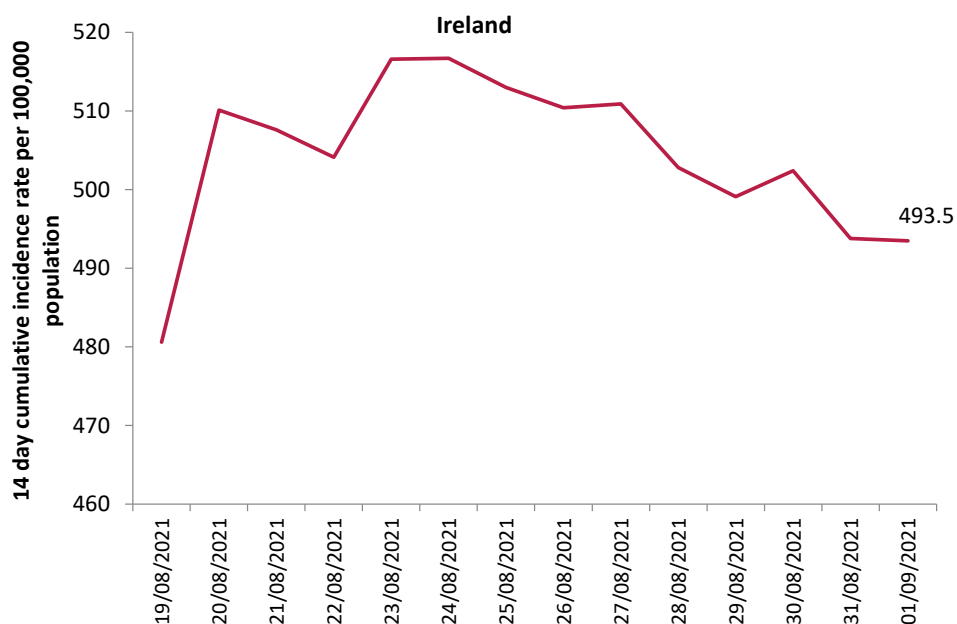


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 19/08/2021 up to midnight on 01/09/2021

*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 19/08/2021 up to midnight on 01/09/2021, 7 day numbers are reported from 26/08/2021 up to midnight on 01/09/2021

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 (28/08/2021 - 01/09/2021)
Monaghan	404	658.1	902	1469.4	44.79	55
Donegal	894	561.6	1828	1148.3	48.91	110
Leitrim	134	418.2	227	708.4	59.03	16
Cavan	313	410.9	766	1005.6	40.86	43
Longford	133	325.4	269	658.1	49.44	17
Carlow	179	314.4	297	521.7	60.27	24
Roscommon	200	309.9	419	649.2	47.73	29
Kerry	439	297.2	851	576.1	51.59	52
Sligo	177	270.1	300	457.8	59.00	19
Louth	345	267.7	681	528.4	50.66	50
Limerick	514	263.7	1081	554.6	47.55	72
Galway	628	243.4	1285	498.0	48.87	83
Mayo	306	234.5	733	561.7	41.75	44
Dublin	3,017	223.9	6228	462.2	48.44	397
Tipperary	355	222.5	876	549.0	40.53	43
Kilkenny	220	221.7	360	362.8	61.11	27
Meath	409	209.7	846	433.7	48.35	57
Offaly	160	205.2	368	472.0	43.48	20
Cork	1,041	191.8	1981	364.9	52.55	146
Clare	209	175.9	358	301.3	58.38	32
Wexford	263	175.7	524	350.0	50.19	37
Kildare	368	165.4	813	365.4	45.26	45
Westmeath	142	160.0	401	451.7	35.41	19
Wicklow	195	136.9	460	323.0	42.39	26
Waterford	157	135.1	387	333.1	40.57	15
Laois	113	133.4	259	305.8	43.63	14
Unknown/Other						
Total	11,315	237.6	23500	493.5	48.15	1493

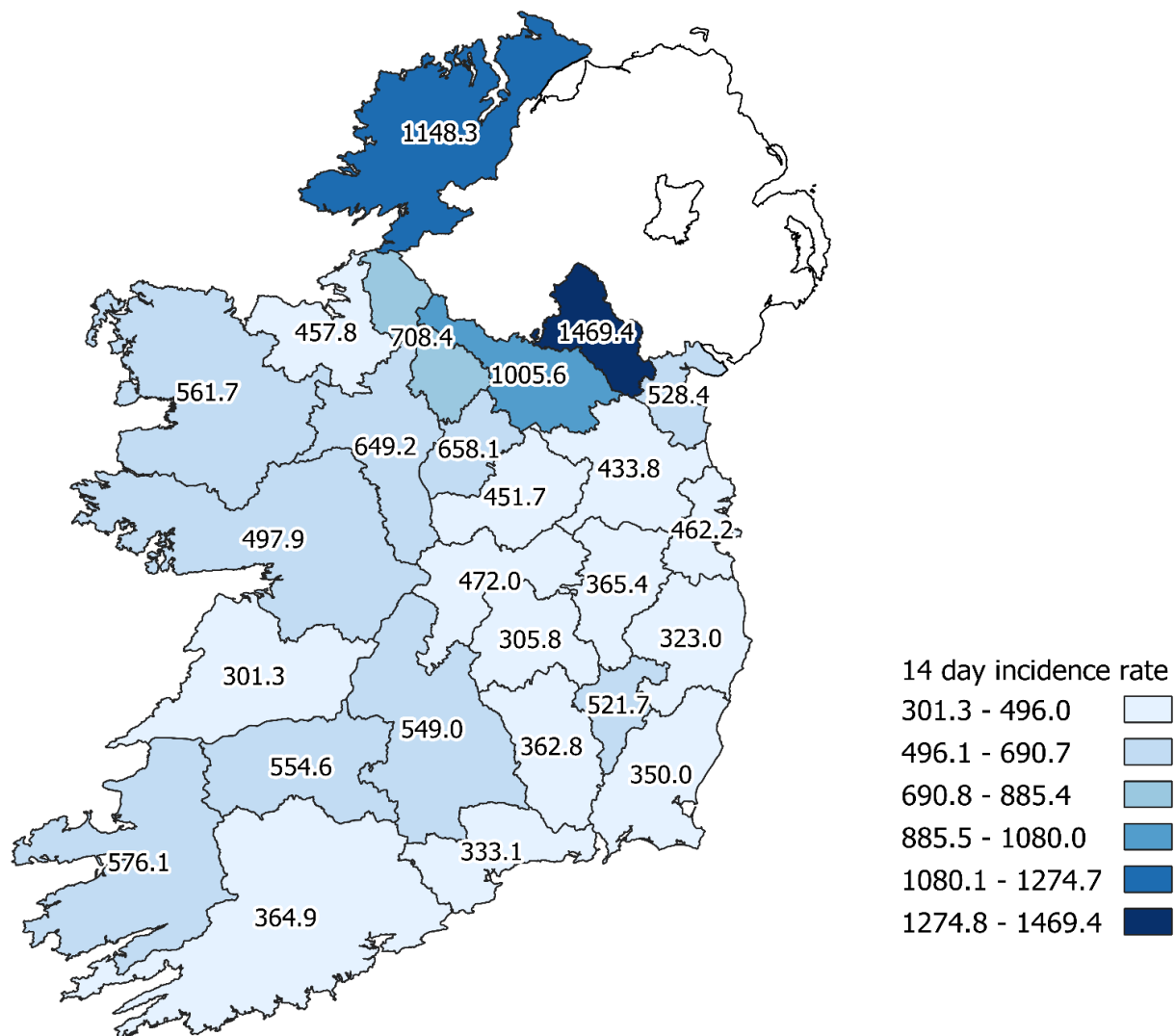


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 19/08/2021 up to midnight on 01/09/2021

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.

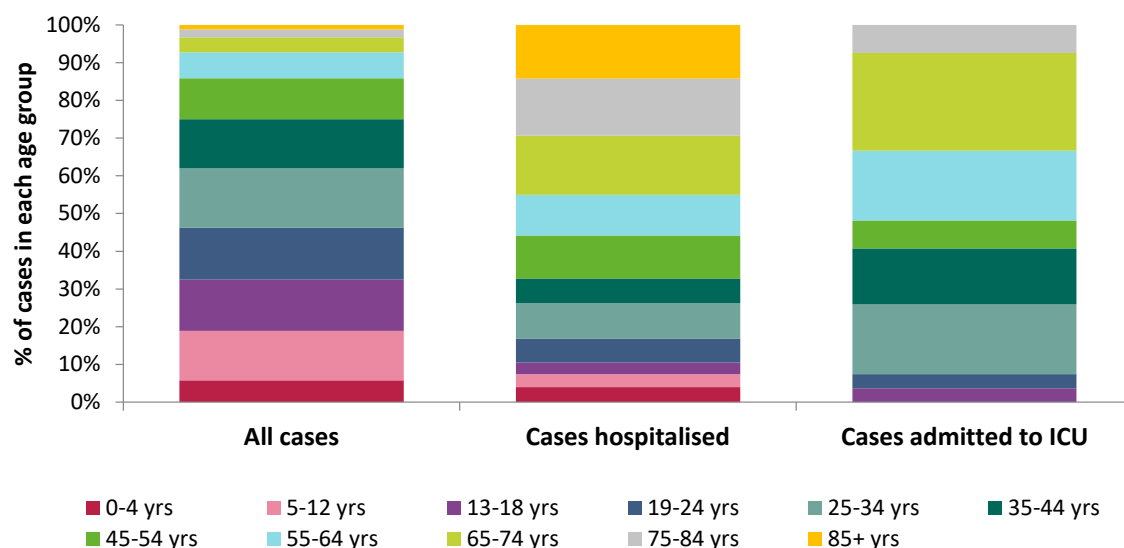


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 19/08/2021 up to midnight on 01/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 19/08/2021 up to midnight on 01/09/2021, 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	1354	5.8	14	4.0	<5	
5-12 yrs	3089	13.1	12	3.4	<5	
13-18 yrs	3184	13.5	11	3.1	<5	
19-24 yrs	3236	13.8	22	6.3	<5	
25-34 yrs	3694	15.7	33	9.4	5	18.5
35-44 yrs	3068	13.1	23	6.6	<5	
45-54 yrs	2548	10.8	40	11.4	<5	
55-64 yrs	1617	6.9	38	10.8	5	18.5
65-74 yrs	944	4.0	55	15.7	7	25.9
75-84 yrs	487	2.1	53	15.1	<5	
85+ yrs	279	1.2	50	14.2	<5	
Unknown	<5		<5		<5	
Total	23500	100	351	100	27	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 19/08/2021 up to midnight on 01/09/2021

Date	Number of confirmed cases
19/08/2021	1487
20/08/2021	3033
21/08/2021	1741
22/08/2021	1206
23/08/2021	1458
24/08/2021	1220
25/08/2021	2040
26/08/2021	1792
27/08/2021	2060
28/08/2021	1466
29/08/2021	1007
30/08/2021	1533
31/08/2021	1706
01/09/2021	1751
Total	23,500

*Please note that due to recent reinstatement of reporting of COVID case numbers from CIDR, case counts may differ from prior reports- please follow link on cover for more details

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.

4. Return to reporting from CIDR

Reporting from the Computerised Infectious Disease Reporting (CIDR) recommenced on 02/09/2021. See link below for further details:

<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/recommencementofreportingfromcidr/>

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (19/08/2021 to 01/09/2021)

