



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 06/09/2021

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 23/08/2021 up to midnight on 05/09/2021

	Number	Percent
Total number of confirmed cases	21,464	
National incidence of confirmed cases per 100,000 population	450.7	
Number of cases hospitalised*	329	1.53
Number of cases admitted to ICU*	19	0.09
Males	10,623	49.5
Females	10,799	50.3
M:F ratio	0.98	
Median age (years)	27	
Mean age (years)	31	
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.

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 06/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

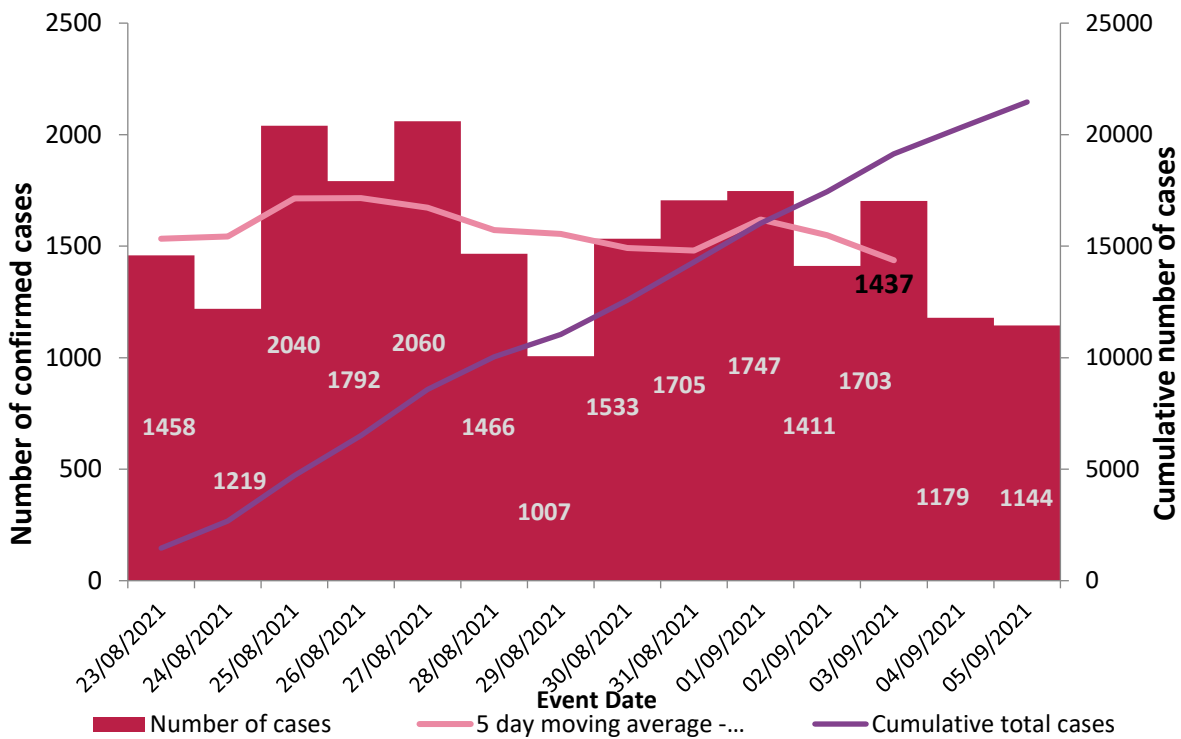


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=21464)

*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

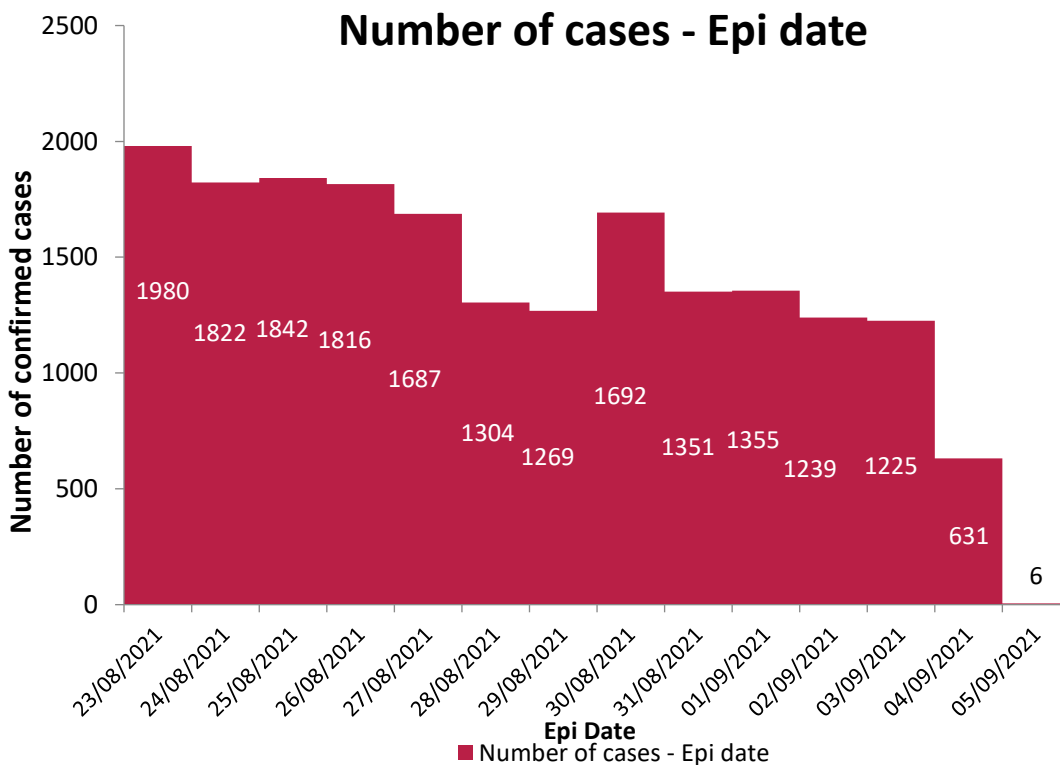


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 23/08/2021 up to midnight on 05/09/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		21,464	100
Sex	Male	10,623	49.5
	Female	10,799	50.3
	Unknown	42	0.2
Age	Median age (years)	27	
	Mean age (years)	31	
	Age range (years)	0-101	
	0-4 yrs	1353	6.3
	5-12 yrs	2963	13.8
	13-18 yrs	2701	12.6
	19-24 yrs	2814	13.1
	25-34 yrs	3161	14.7
	35-44 yrs	2967	13.8
	45-54 yrs	2323	10.8
	55-64 yrs	1451	6.8
	65-74 yrs	936	4.4
	75-84 yrs	500	2.3
	85+ yrs	295	1.4
	Unknown	0	
	Total	21,464	

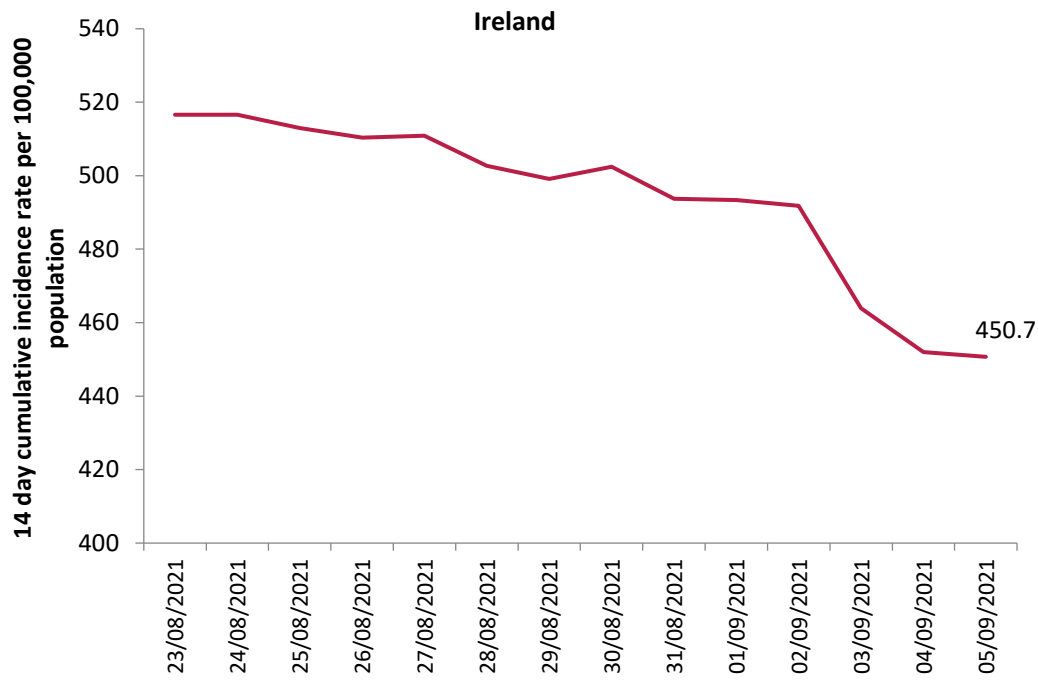


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 23/08/2021 up to midnight on 05/09/2021

*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 23/08/2021 up to midnight on 05/09/2021, 7 day numbers are reported from 30/08/2021 up to midnight on 05/09/2021

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	330	537.6	779	1269.0	42.36	44
Donegal	732	459.8	1655	1039.6	44.23	98
Cavan	275	361.0	629	825.7	43.72	39
Longford	130	318.1	269	658.1	48.33	19
Leitrim	101	315.2	226	705.3	44.69	15
Roscommon	196	303.7	398	616.6	49.25	29
Carlow	171	300.4	283	497.1	60.42	21
Mayo	362	277.4	696	533.3	52.01	53
Louth	344	266.9	634	491.9	54.26	45
Laois	220	259.7	317	374.3	69.40	38
Offaly	184	236.0	373	478.4	49.33	26
Limerick	445	228.3	904	463.8	49.23	61
Galway	573	222.0	1143	442.9	50.13	67
Clare	261	219.7	416	350.1	62.74	38
Meath	418	214.3	834	427.6	50.12	60
Dublin	2,876	213.5	5761	427.6	49.92	416
Kerry	301	203.8	802	543.0	37.53	41
Tipperary	313	196.2	669	419.3	46.79	39
Westmeath	166	187.0	350	394.3	47.43	24
Cork	893	164.5	1832	337.5	48.74	119
Sligo	105	160.2	282	430.3	37.23	13
Wicklow	217	152.4	414	290.7	52.42	27
Wexford	215	143.6	426	284.5	50.47	20
Kilkenny	141	142.1	352	354.7	40.06	17
Kildare	314	141.1	714	320.9	43.98	48
Waterford	139	119.6	306	263.4	45.42	19
Unknown/Other						
Total	10,422	218.9	21464	450.7	48.56	1437

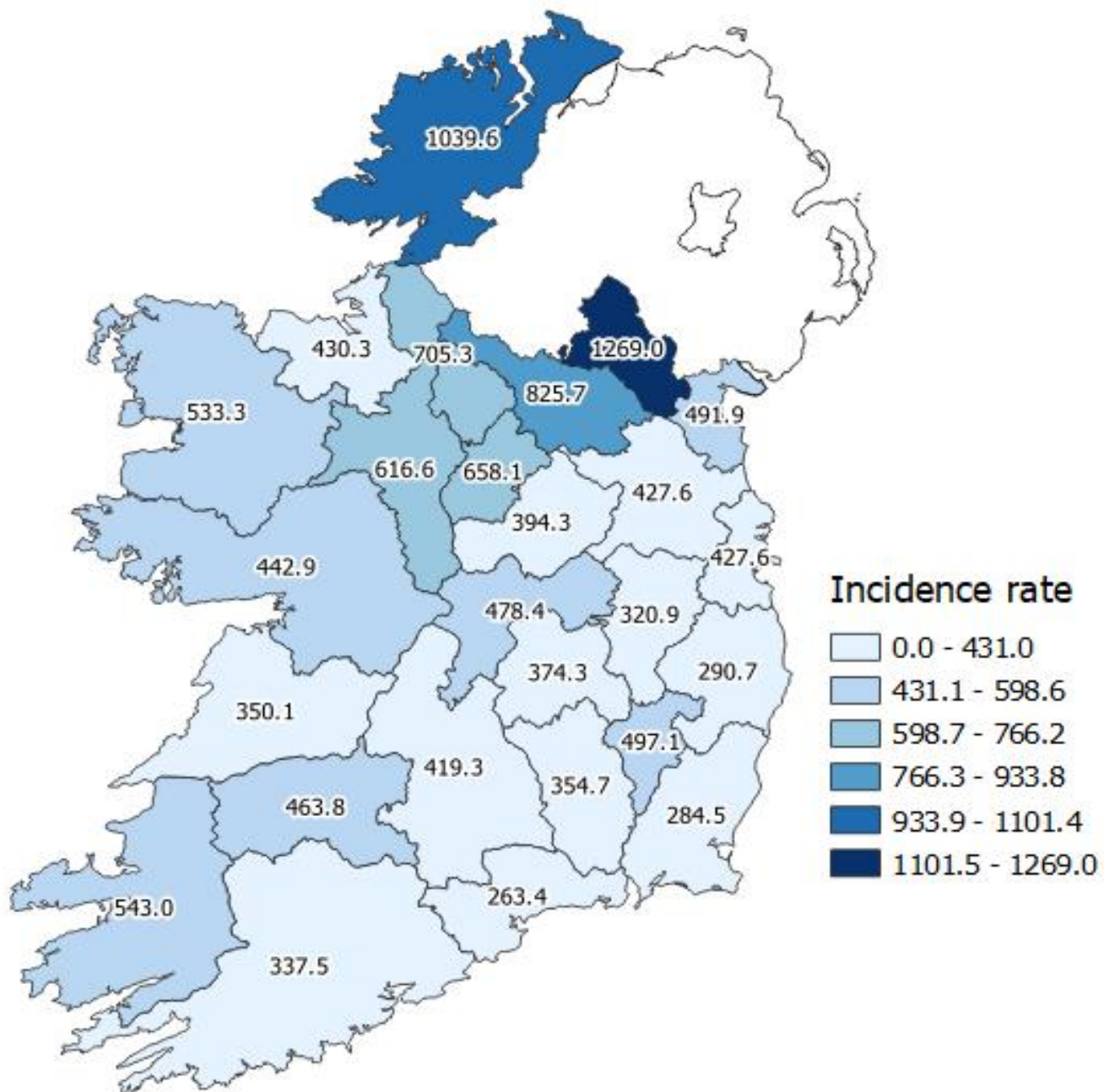


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 23/08/2021 up to midnight on 05/09/2021

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.

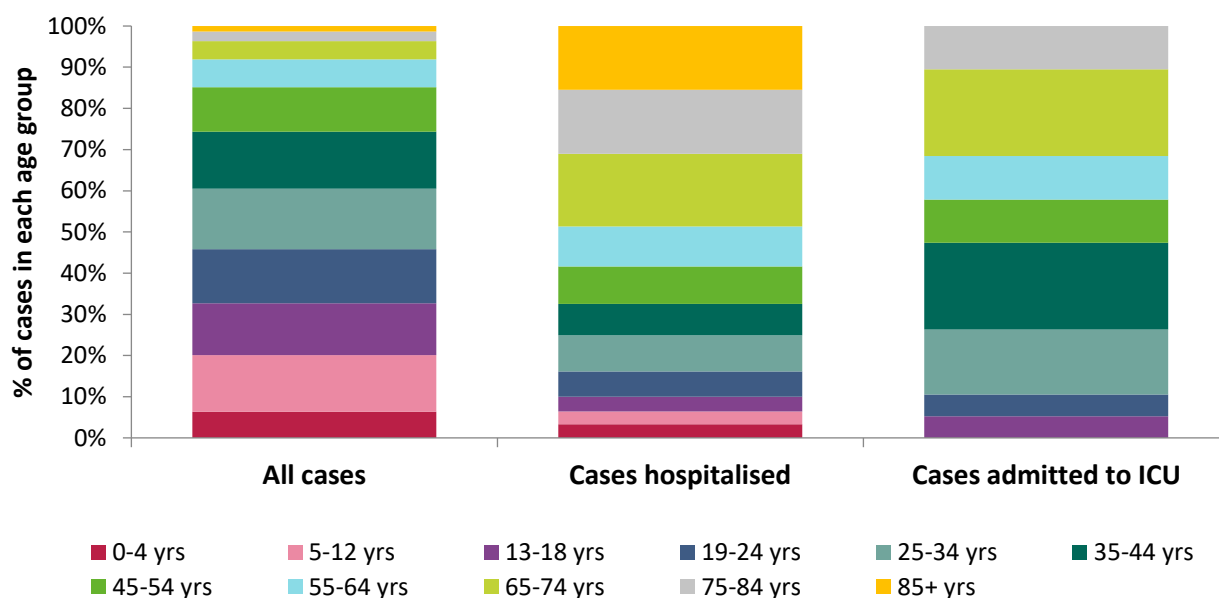


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 23/08/2021 up to midnight on 05/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 23/08/2021 up to midnight on 05/09/2021, 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	1353	6.3	11	3.3	0	0.0
5-12 yrs	2963	13.8	10	3.0	0	0.0
13-18 yrs	2701	12.6	12	3.6	<5	-
19-24 yrs	2814	13.1	20	6.1	<5	-
25-34 yrs	3161	14.7	29	8.8	<5	-
35-44 yrs	2967	13.8	25	7.6	<5	-
45-54 yrs	2323	10.8	30	9.1	<5	-
55-64 yrs	1451	6.8	32	9.7	<5	-
65-74 yrs	936	4.4	58	17.6	<5	-
75-84 yrs	500	2.3	51	15.5	<5	-
85+ yrs	295	1.4	51	15.5	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
Total	21464	100	329	100	19	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 23/08/2021 up to midnight on 05/09/2021

Date	Number of confirmed cases
23/08/2021	1458
24/08/2021	1219
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	1705
01/09/2021	1747
02/09/2021	1411
03/09/2021	1703
04/09/2021	1179
05/09/2021	1144
Total	21,464

*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 (23/08/2021 to 05/09/2021)



