



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 13/09/2021

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 30/08/2021 up to midnight on 12/09/2021

	Number	Percent
Total number of confirmed cases	20,033	
National incidence of confirmed cases per 100,000 population	420.7	
Number of cases hospitalised*	308	1.54
Number of cases admitted to ICU*	20	0.10
Males	9,943	49.6
Females	10,068	50.3
M:F ratio	0.99	
Median age (years)	27	
Mean age (years)	30	
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.

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 13/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

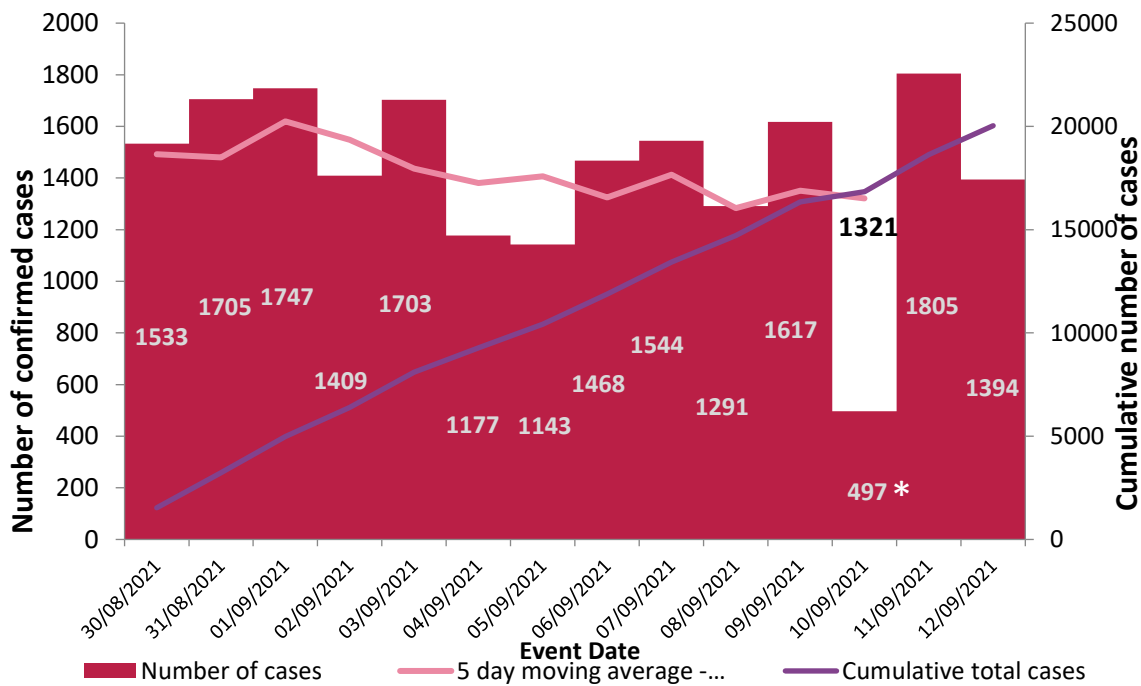


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=20033)

* 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 (11-12th 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.

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

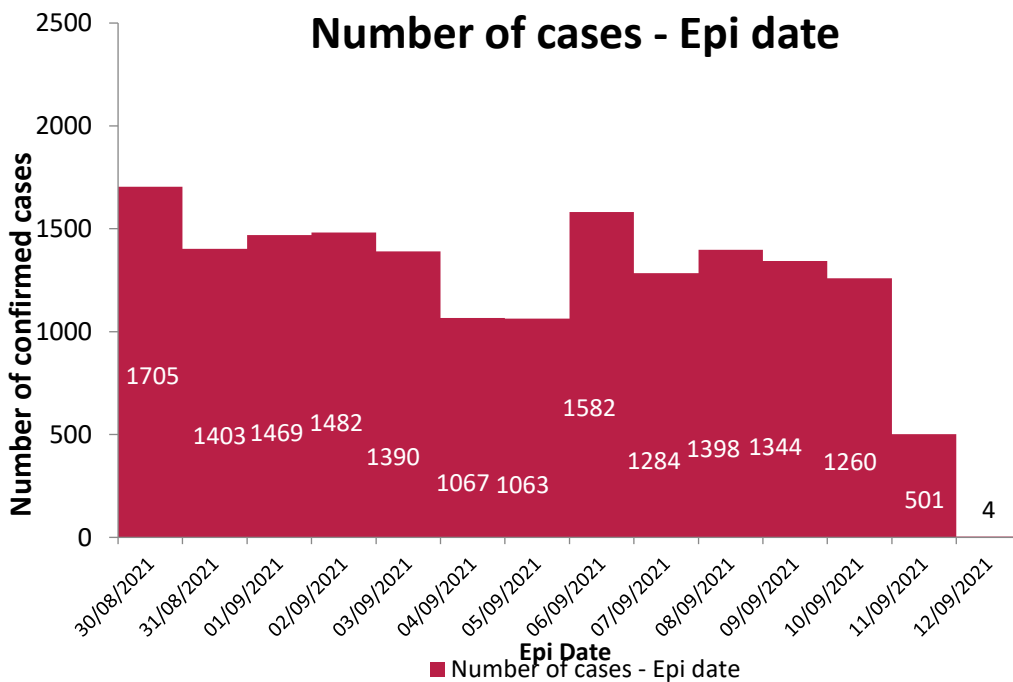


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date**

**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 30/08/2021 up to midnight on 12/09/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		20,033	100
Sex	Male	9,943	49.6
	Female	10,068	50.3
	Unknown	22	0.1
Age	Median age (years)	27	
	Mean age (years)	30	
	Age range (years)	0-103	
	0-4 yrs	1376	6.9
	5-12 yrs	3588	17.9
	13-18 yrs	2219	11.1
	19-24 yrs	2356	11.8
	25-34 yrs	2768	13.8
	35-44 yrs	2918	14.6
	45-54 yrs	2059	10.3
	55-64 yrs	1259	6.3
	65-74 yrs	819	4.1
	75-84 yrs	442	2.2
	85+ yrs	229	1.1
	Unknown	0	
	Total	20,033	

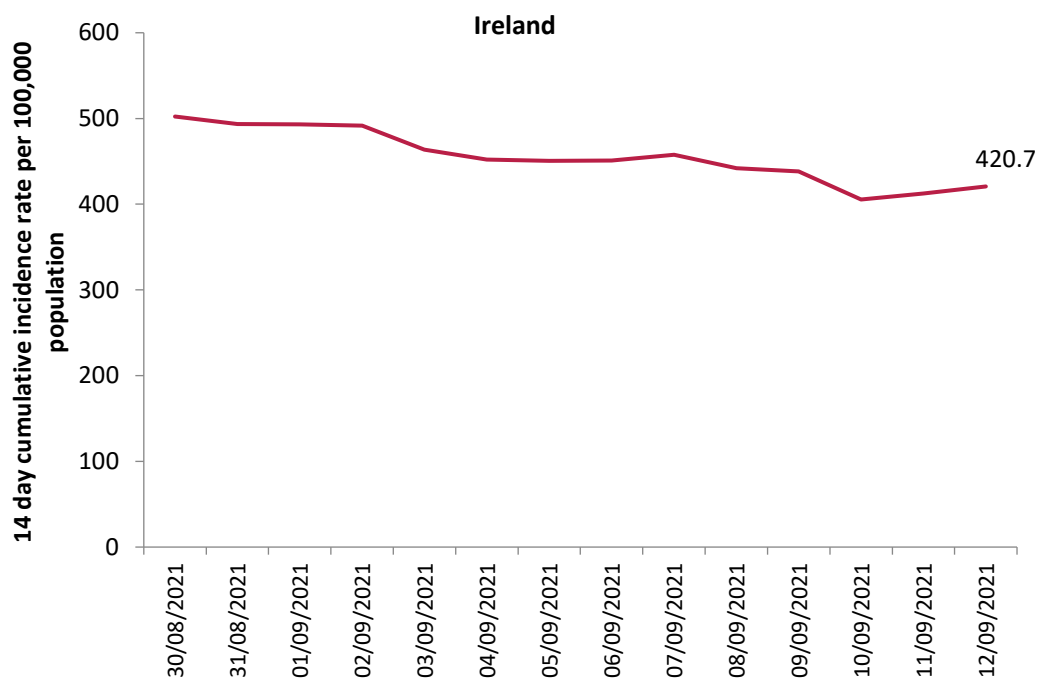


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 30/08/2021 up to midnight on 12/09/2021

*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 30/08/2021 up to midnight on 12/09/2021, 7 day numbers are reported from 06/09/2021 up to midnight on 12/09/2021

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	284	462.6	615	1001.9	46.18	38
Donegal	647	406.4	1380	866.9	46.88	91
Carlow	183	321.4	308	541.0	59.42	28
Longford	117	286.3	237	579.8	49.37	17
Louth	365	283.2	714	554.0	51.12	48
Laois	233	275.1	448	528.9	52.01	36
Leitrim	84	262.1	188	586.7	44.68	13
Cavan	197	258.6	478	627.5	41.21	22
Offaly	194	248.8	371	475.9	52.29	26
Dublin	3,190	236.8	6071	450.6	52.54	401
Roscommon	139	215.4	341	528.3	40.76	19
Mayo	260	199.2	628	481.2	41.40	48
Westmeath	169	190.4	317	357.1	53.31	23
Sligo	122	186.2	222	338.8	54.95	20
Meath	335	171.8	763	391.2	43.91	45
Limerick	325	166.8	768	394.1	42.32	54
Kilkenny	164	165.3	317	319.5	51.74	23
Galway	416	161.2	989	383.2	42.06	71
Kildare	347	156.0	691	310.6	50.22	43
Kerry	227	153.7	521	352.7	43.57	31
Waterford	173	148.9	298	256.5	58.05	20
Cork	772	142.2	1663	306.3	46.42	115
Tipperary	214	134.1	529	331.6	40.45	30
Clare	156	131.3	414	348.4	37.68	22
Wexford	169	112.9	394	263.2	42.89	21
Wicklow	134	94.1	368	258.4	36.41	14
Unknown/Other						
Total	9,616	201.9	20033	420.7	48.00	1321

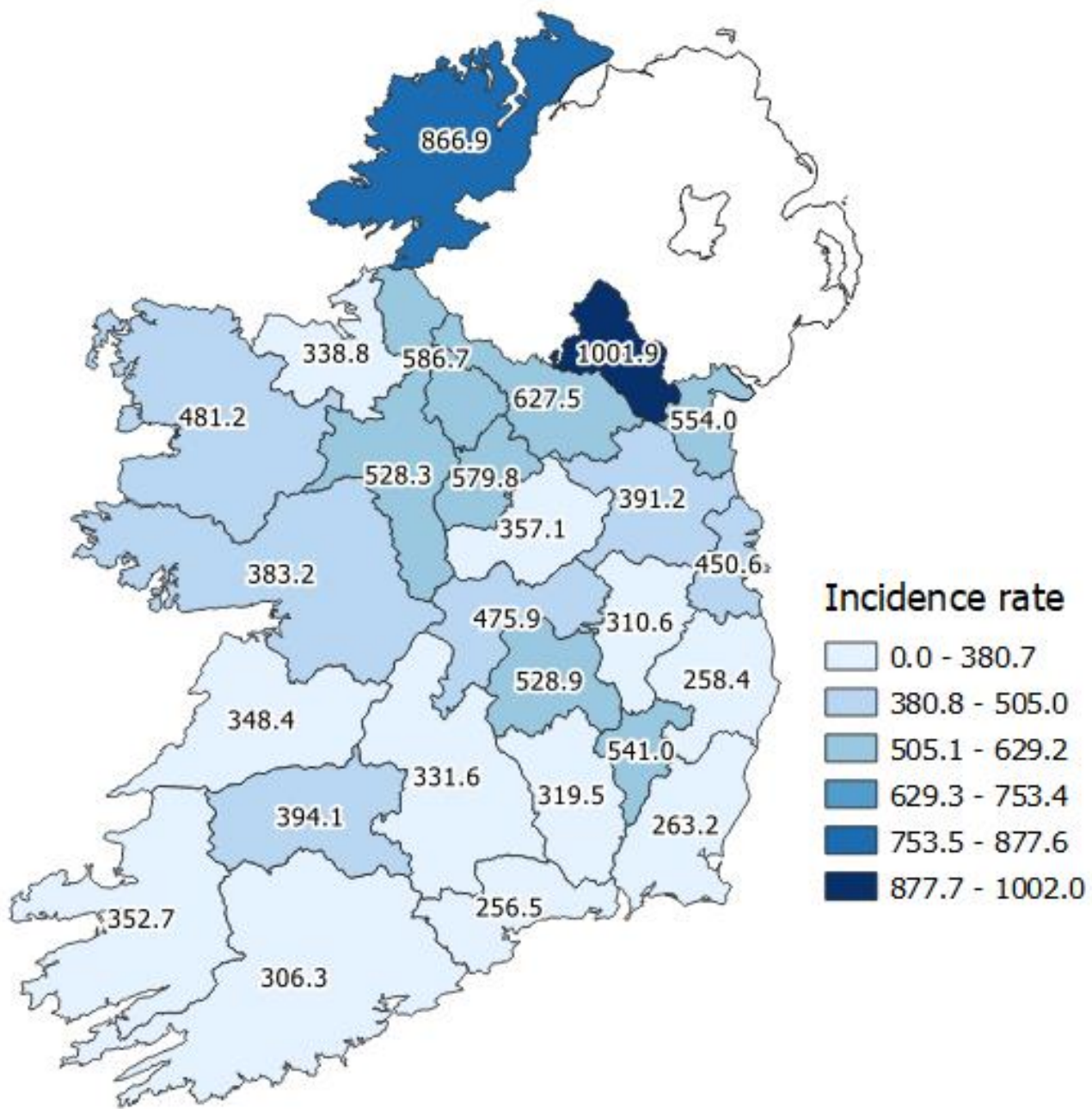


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 30/08/2021 up to midnight on 12/09/2021

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.

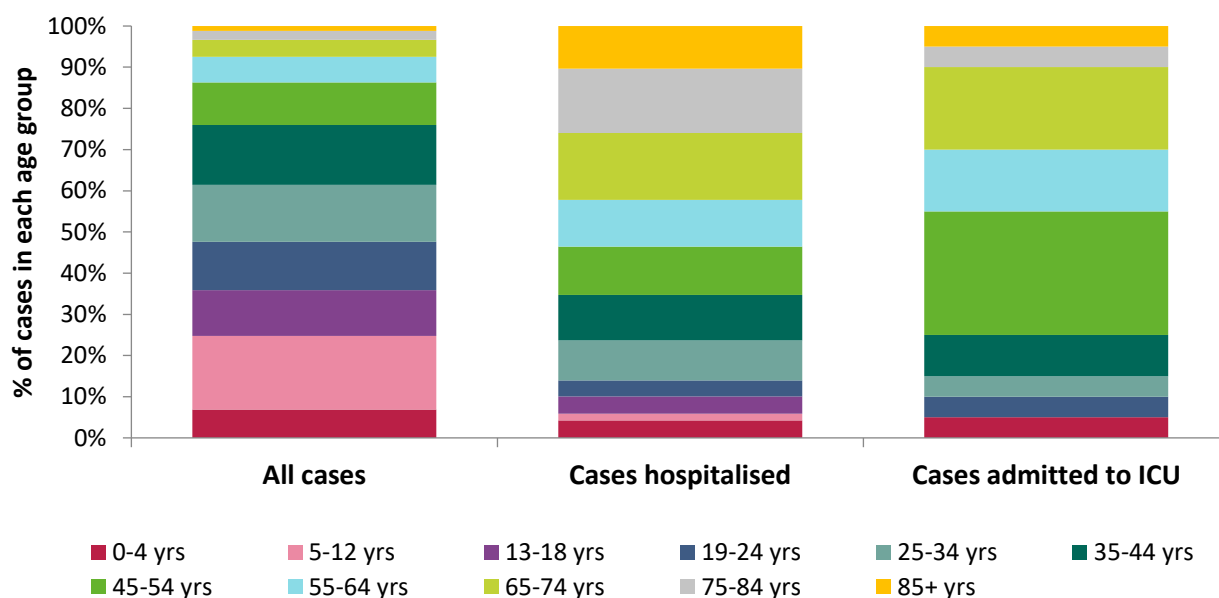


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 30/08/2021 up to midnight on 12/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 30/08/2021 up to midnight on 12/09/2021, 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	1376	6.9	13	4.2	<5	-
5-12 yrs	3588	17.9	5	1.6	0	0.0
13-18 yrs	2219	11.1	13	4.2	0	0.0
19-24 yrs	2356	11.8	12	3.9	<5	-
25-34 yrs	2768	13.8	30	9.7	<5	-
35-44 yrs	2918	14.6	34	11.0	<5	-
45-54 yrs	2059	10.3	36	11.7	6	30.0
55-64 yrs	1259	6.3	35	11.4	<5	-
65-74 yrs	819	4.1	50	16.2	<5	-
75-84 yrs	442	2.2	48	15.6	<5	-
85+ yrs	229	1.1	32	10.4	<5	-
Unknown	0	0.0	0	0.0	0	0.0
Total	20033	100	308	100	20	

* 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 30/08/2021 up to midnight on 12/09/2021

Date	Number of confirmed cases
30/08/2021	1533
31/08/2021	1705
01/09/2021	1747
02/09/2021	1409
03/09/2021	1703
04/09/2021	1177
05/09/2021	1143
06/09/2021	1468
07/09/2021	1544
08/09/2021	1291
09/09/2021	1617
10/09/2021	497 *
11/09/2021	1805
12/09/2021	1394
Total	20,033

* 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 (11-12th 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.

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 (30/08/2021 to 12/09/2021)

