



# Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 21/09/2021

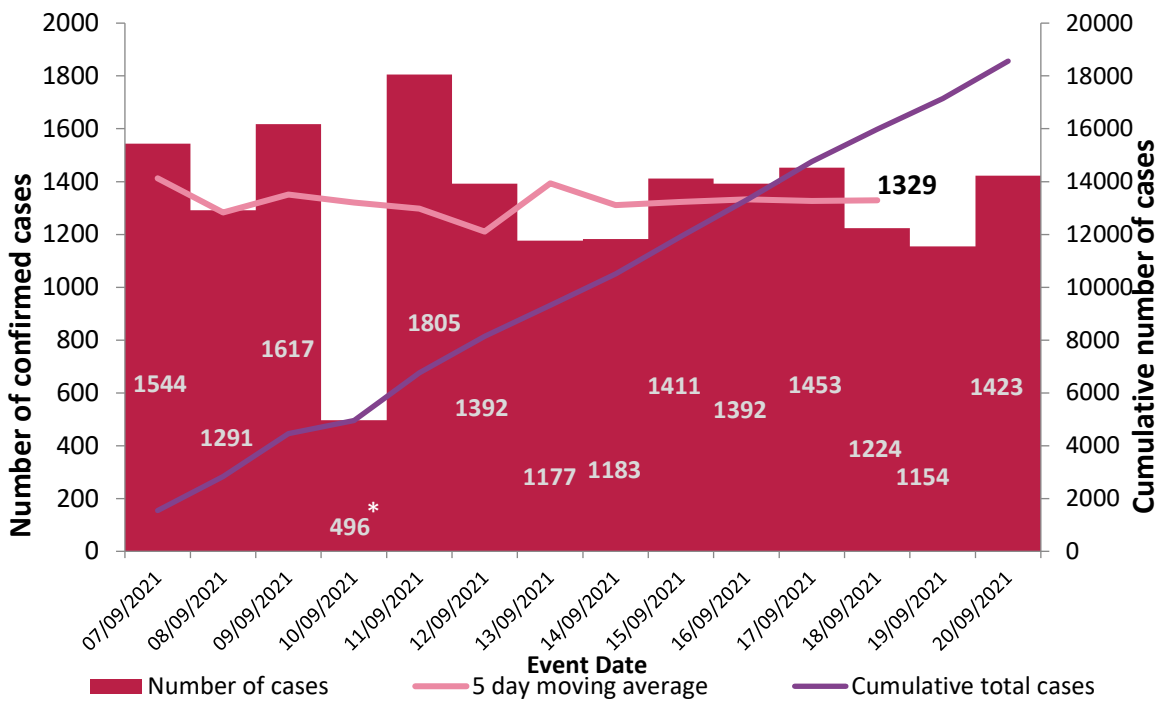
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 07/09/2021 up to midnight on 20/09/2021

	Number	Percent
Total number of confirmed cases	18,562	
National incidence of confirmed cases per 100,000 population	389.8	
Number of cases hospitalised*	280	1.51
Number of cases admitted to ICU*	28	0.15
Males	9,181	49.5
Females	9,343	50.3
M:F ratio	0.98	
Median age (years)	25	
Mean age (years)	29	
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.

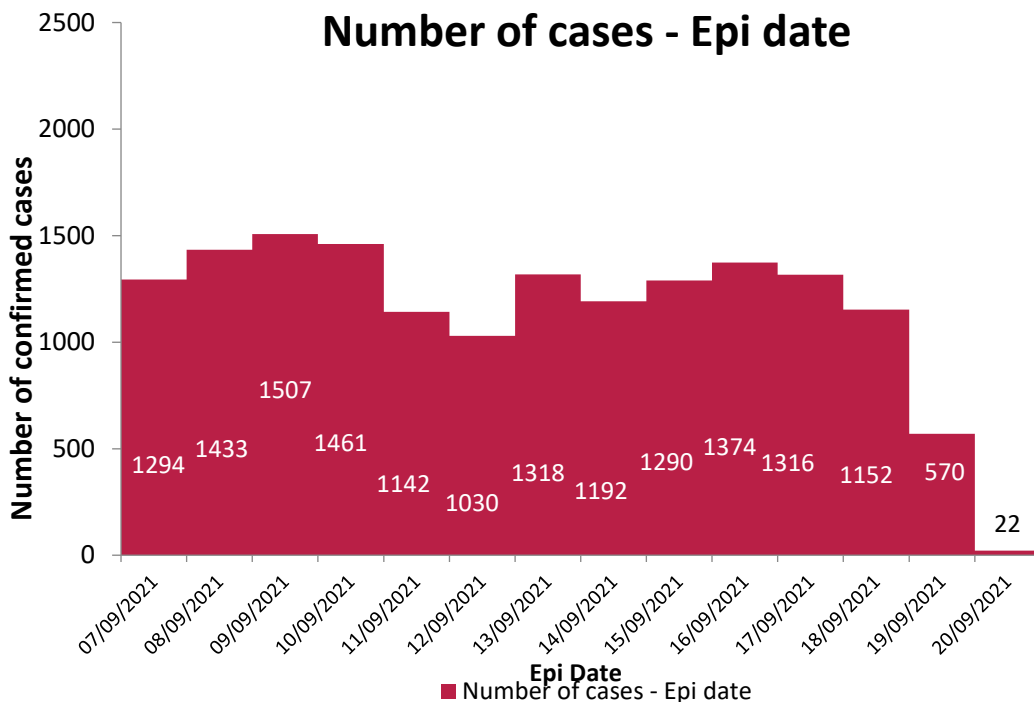
\* The number of cases hospitalised and admitted to ICU described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which 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 21/09/2021 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=18562)**

\* 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 (11-13<sup>th</sup> 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.

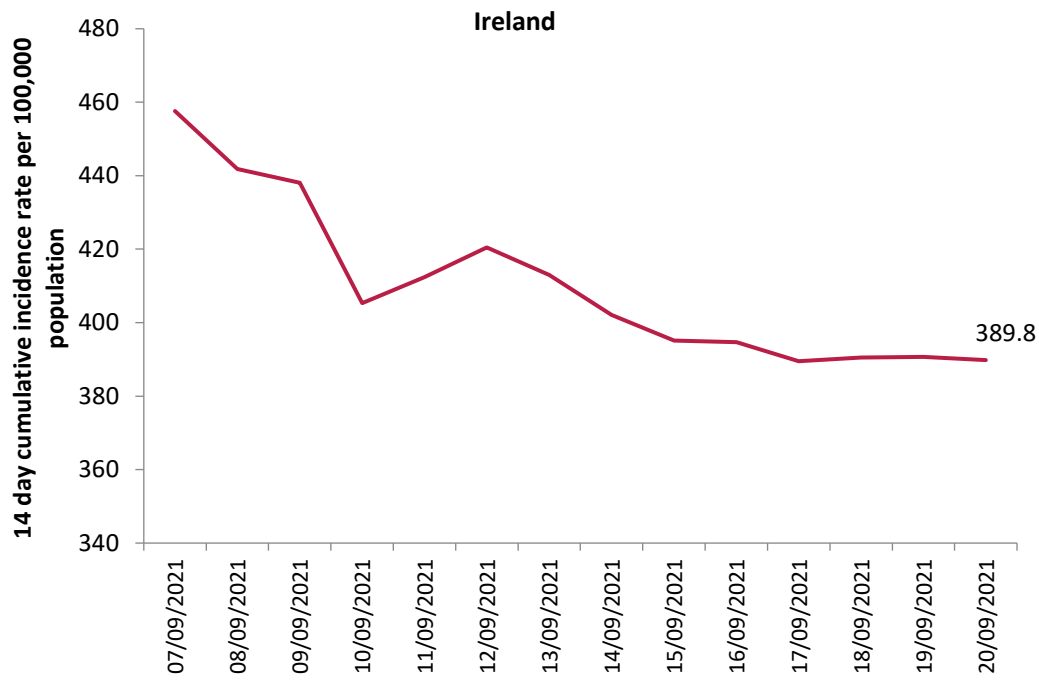


**Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date\***

\*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 07/09/2021 up to midnight on 20/09/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		18,562	<b>100</b>
<b>Sex</b>	Male	9,181	49.5
	Female	9,343	50.3
	Unknown	38	0.2
<b>Age</b>	Median age (years)	25	
	Mean age (years)	29	
	Age range (years)	0-103	
	0-4 yrs	1291	7.0
	5-12 yrs	4226	22.8
	13-18 yrs	1780	9.6
	19-24 yrs	1793	9.7
	25-34 yrs	2400	12.9
	35-44 yrs	2704	14.6
	45-54 yrs	1907	10.3
	55-64 yrs	1130	6.1
	65-74 yrs	709	3.8
	75-84 yrs	404	2.2
	85+ yrs	215	1.2
	Unknown	3	
	Total	18,562	

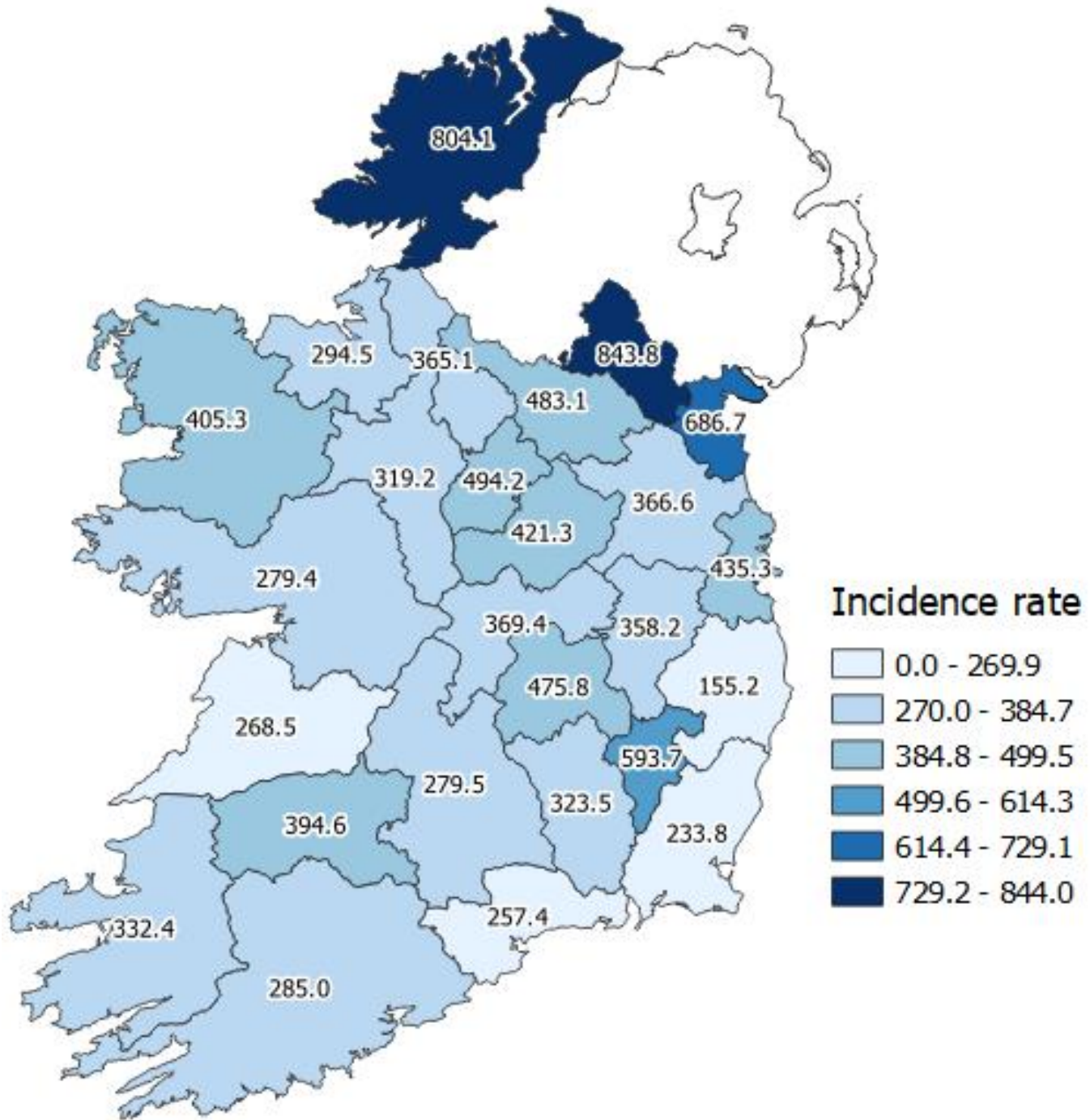


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 07/09/2021 up to midnight on 20/09/2021**

\*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

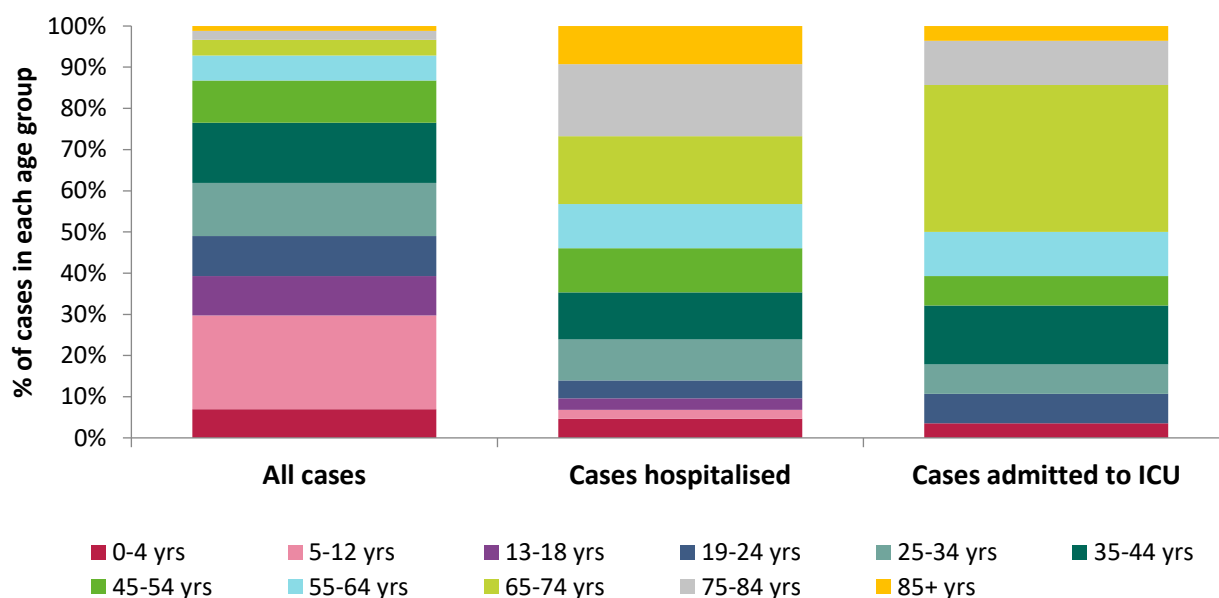
**Table 2: Number of confirmed COVID-19 cases by county notified in Ireland from 07/09/2021 up to midnight on 20/09/2021, 7 day numbers are reported from 14/09/2021 up to midnight on 20/09/2021**

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 (16/09/2021 - 20/09/2021)
Donegal	671	421.5	1280	804.1	52.42	96
Louth	473	367.0	885	686.7	53.45	76
Carlow	208	365.3	338	593.7	61.54	30
Monaghan	208	338.8	518	843.8	40.15	25
Westmeath	227	255.7	374	421.3	60.70	38
Longford	93	227.5	202	494.2	46.04	15
Cavan	170	223.2	368	483.1	46.20	26
Dublin	2,927	217.2	5865	435.3	49.91	423
Laois	179	211.3	403	475.8	44.42	25
Limerick	409	209.9	769	394.6	53.19	56
Mayo	255	195.4	529	405.3	48.20	43
Meath	361	185.1	715	366.6	50.49	52
Kerry	268	181.4	491	332.4	54.58	34
Kildare	398	178.9	797	358.2	49.94	57
Offaly	119	152.6	288	369.4	41.32	16
Tipperary	234	146.7	446	279.5	52.47	33
Kilkenny	144	145.1	321	323.5	44.86	18
Cork	779	143.5	1547	285.0	50.36	112
Clare	168	141.4	319	268.5	52.66	23
Waterford	160	137.7	299	257.4	53.51	18
Roscommon	82	127.0	206	319.2	39.81	10
Galway	318	123.2	721	279.4	44.11	48
Sligo	78	119.0	193	294.5	40.41	11
Leitrim	37	115.5	117	365.1	31.62	6
Wexford	172	114.9	350	233.8	49.14	22
Wicklow	102	71.6	221	155.2	46.15	16
Unknown/Other						
<b>Total</b>	<b>9,240</b>	<b>194.0</b>	<b>18562</b>	<b>389.8</b>	<b>49.78</b>	<b>1329</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 07/09/2021 up to midnight on 20/09/2021**

*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 07/09/2021 up to midnight on 20/09/2021, 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 07/09/2021 up to midnight on 20/09/2021, 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	1291	7.0	13	4.6	<5	-
5-12 yrs	4226	22.8	6	2.1	0	0.0
13-18 yrs	1780	9.6	8	2.9	0	0.0
19-24 yrs	1793	9.7	12	4.3	<5	-
25-34 yrs	2400	12.9	28	10.0	<5	-
35-44 yrs	2704	14.6	32	11.4	<5	-
45-54 yrs	1907	10.3	30	10.7	<5	-
55-64 yrs	1130	6.1	30	10.7	<5	-
65-74 yrs	709	3.8	46	16.4	10	35.7
75-84 yrs	404	2.2	49	17.5	<5	-
85+ yrs	215	1.2	26	9.3	<5	-
Unknown	3	0.0	0	0.0	0	0.0
<b>Total</b>	<b>18562</b>	<b>100</b>	<b>280</b>	<b>100</b>	<b>28</b>	<b>100</b>

\* 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 07/09/2021 up to midnight on 20/09/2021**

Date	Number of confirmed cases
07/09/2021	1544
08/09/2021	1291
09/09/2021	1617
10/09/2021	496 *
11/09/2021	1805
12/09/2021	1392
13/09/2021	1177
14/09/2021	1183
15/09/2021	1411
16/09/2021	1392
17/09/2021	1453
18/09/2021	1224
19/09/2021	1154
20/09/2021	1423
<b>Total</b>	<b>18,562</b>

\* 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 (11-13th 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.



## **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  $\geq 85$  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 (07/09/2021 to 20/09/2021)**

