



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 30/11/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 16/11/2021 up to midnight on 29/11/2021

Data on the most likely source of transmission is no longer included in this report and will be reported on a weekly basis in the Weekly Report on the epidemiology of COVID-19 in Ireland

	Number	Percent
Total number of confirmed cases	62,711	
National incidence of confirmed cases per 100,000	1316.9	
Number of cases hospitalised*	518	0.83
Number of cases admitted to ICU*	35	0.06
Number of cases in healthcare workers	407	0.65
% where HCW is known	3.2	
Number of cases associated with clusters**	755	1.20
Males	31,212	49.8
Females	31,406	50.1
M:F ratio	0.99	
Median age (years)	32	
Mean age (years)	33	
Age range (years)	0-101	

* 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.

**Cases may be associated with outbreaks notified outside the timeframe of this report from 16/11/2021 up to midnight on 29/11/2021. Also, this is likely an underestimate of cases associated with clusters as Departments of Public Health are prioritising Public Health Risk Assessments and outbreak investigations in settings that have the greatest clinical need or would benefit most from Public Health intervention.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 30/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

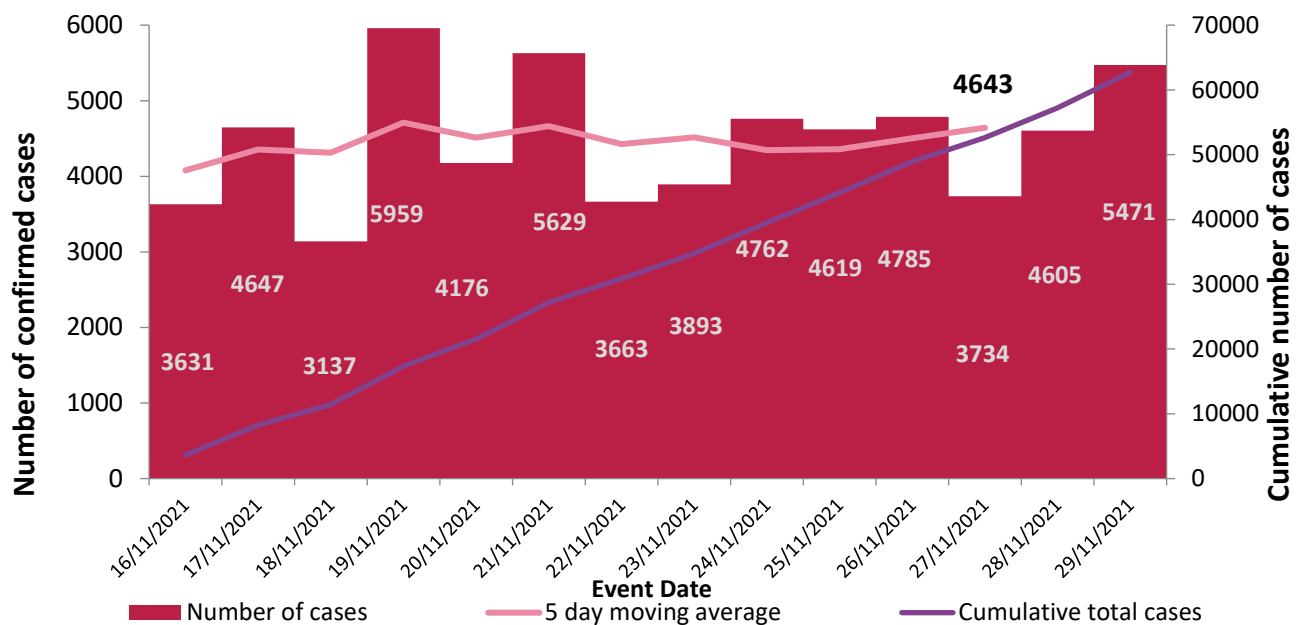


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=62711)

*Changes in the timeliness of the processing steps on CIDR can lead to day to day variations in the number of daily cases. Using epidemiological date (figure 1b), or analysing over a longer time period such as a week or 14 days (figure 2), smooths out any variations introduced by processing times, and provide a more accurate picture of the trend.

Please see [Epidemiology of COVID-19 in Ireland Frequently Asked Questions \(https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/epidemiologyfrequentlyaskedquestions/\)](https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/epidemiologyfrequentlyaskedquestions/) and the weekly epidemiological report (<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/epidemiologyofcovid-19inirelandweeklyreports/>) for further detail and analyses.

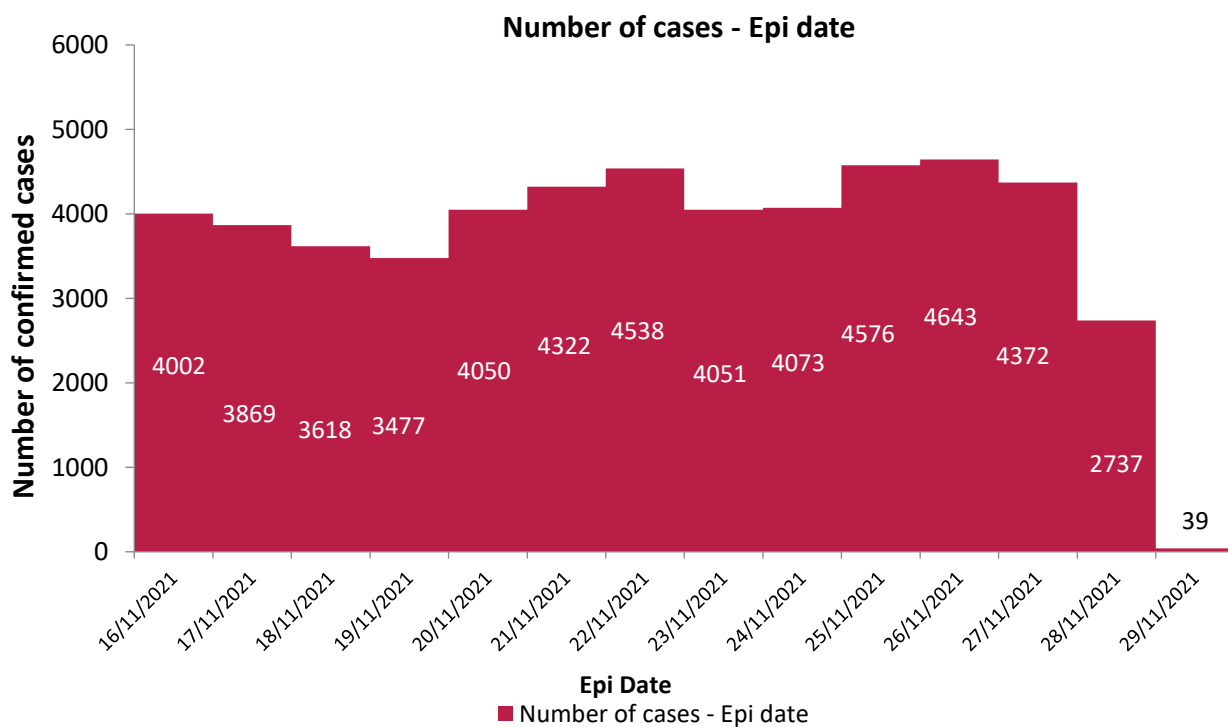


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 16/11/2021 up to midnight on 29/11/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		62,711	100
Sex	Male	31,212	49.8
	Female	31,406	50.1
	Unknown	93	0.1
Age	Median age (years)	32	
	Mean age (years)	33	
	Age range (years)	0-101	
	0-4 yrs	3078	4.9
	5-12 yrs	12144	19.4
	13-18 yrs	3585	5.7
	19-24 yrs	5620	9.0
	25-34 yrs	8894	14.2
	35-44 yrs	11353	18.1
	45-54 yrs	8079	12.9
	55-64 yrs	5409	8.6
	65-74 yrs	3393	5.4
	75-84 yrs	930	1.5
	85+ yrs	209	0.3
	Unknown	17	
	Total	62,711	

Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 16/11/2021 up to midnight on 29/11/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		62,711	100	
Symptom status at time of test*	Yes	10880	17.3	99.9
	No	13	0.0	0.1
	Unknown	51,818	82.6	
	Total cases where known	10893		
Healthcare worker	Yes	407	0.6	3.2
	No	12223	19.5	96.8
	Unknown	50,081	79.9	
	Total cases where known	12630		

*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

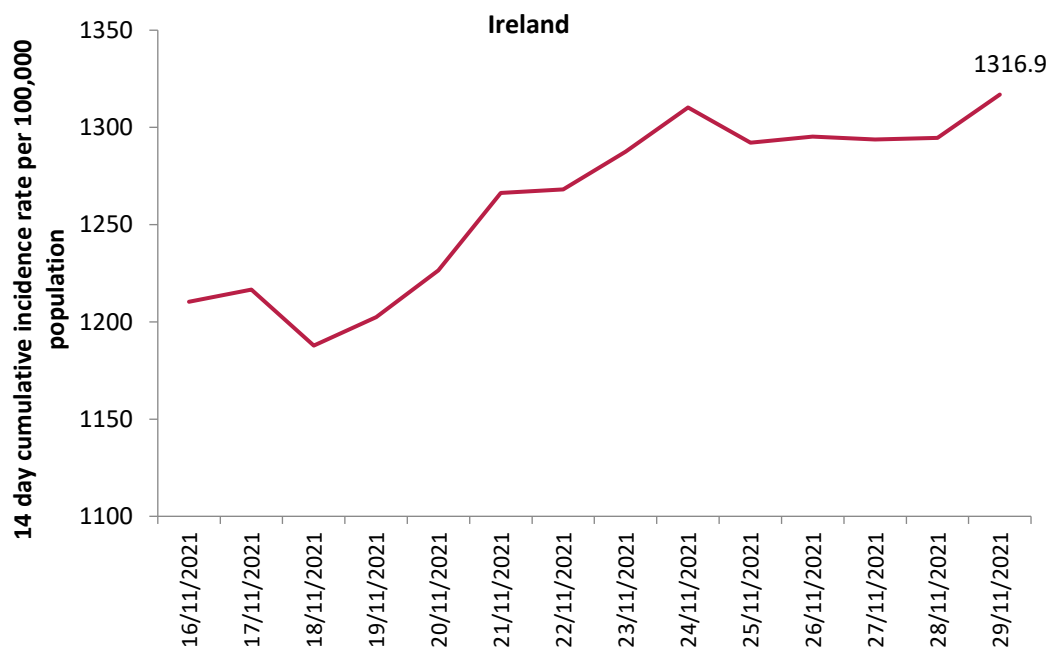


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 16/11/2021 up to midnight on 29/11/2021

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 3: Number of confirmed COVID-19 cases by county notified in Ireland from 16/11/2021 up to midnight on 29/11/2021, 7 day numbers are reported from 23/11/2021 up to midnight on 29/11/2021

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 (25/11/2021 - 29/11/2021)
Carlow	601	1055.6	1065	1870.7	56.43	77
Westmeath	841	947.4	1635	1841.8	51.44	118
Longford	350	856.3	673	1646.6	52.01	51
Louth	1,066	827.1	2112	1638.7	50.47	155
Tipperary	1,246	780.9	2303	1443.4	54.10	171
Dublin	10,293	763.9	20014	1485.4	51.43	1514
Kilkenny	716	721.5	1431	1442.1	50.03	88
Waterford	809	696.4	1639	1410.8	49.36	108
Kildare	1,532	688.5	2854	1282.7	53.68	229
Meath	1,278	655.2	2519	1291.5	50.73	179
Cork	3,541	652.3	7048	1298.3	50.24	576
Wexford	919	613.8	1676	1119.4	54.83	130
Clare	721	606.8	1402	1180.0	51.43	108
Monaghan	365	594.6	717	1168.0	50.91	53
Laois	499	589.2	937	1106.3	53.26	67
Roscommon	377	584.1	758	1174.4	49.74	55
Wicklow	806	565.9	1471	1032.8	54.79	125
Galway	1,435	556.1	2842	1101.3	50.49	206
Limerick	1,069	548.5	2093	1073.9	51.08	158
Cavan	410	538.2	952	1249.7	43.07	52
Sligo	349	532.5	700	1068.1	49.86	48
Donegal	801	503.2	1740	1093.0	46.03	108
Mayo	649	497.3	1486	1138.6	43.67	97
Kerry	732	495.6	1569	1062.2	46.65	108
Offaly	339	434.8	747	958.2	45.38	48
Leitrim	125	390.1	328	1023.6	38.11	16
Unknown/Other						
Total	31,869	669.3	62711	1316.9	50.82	4643

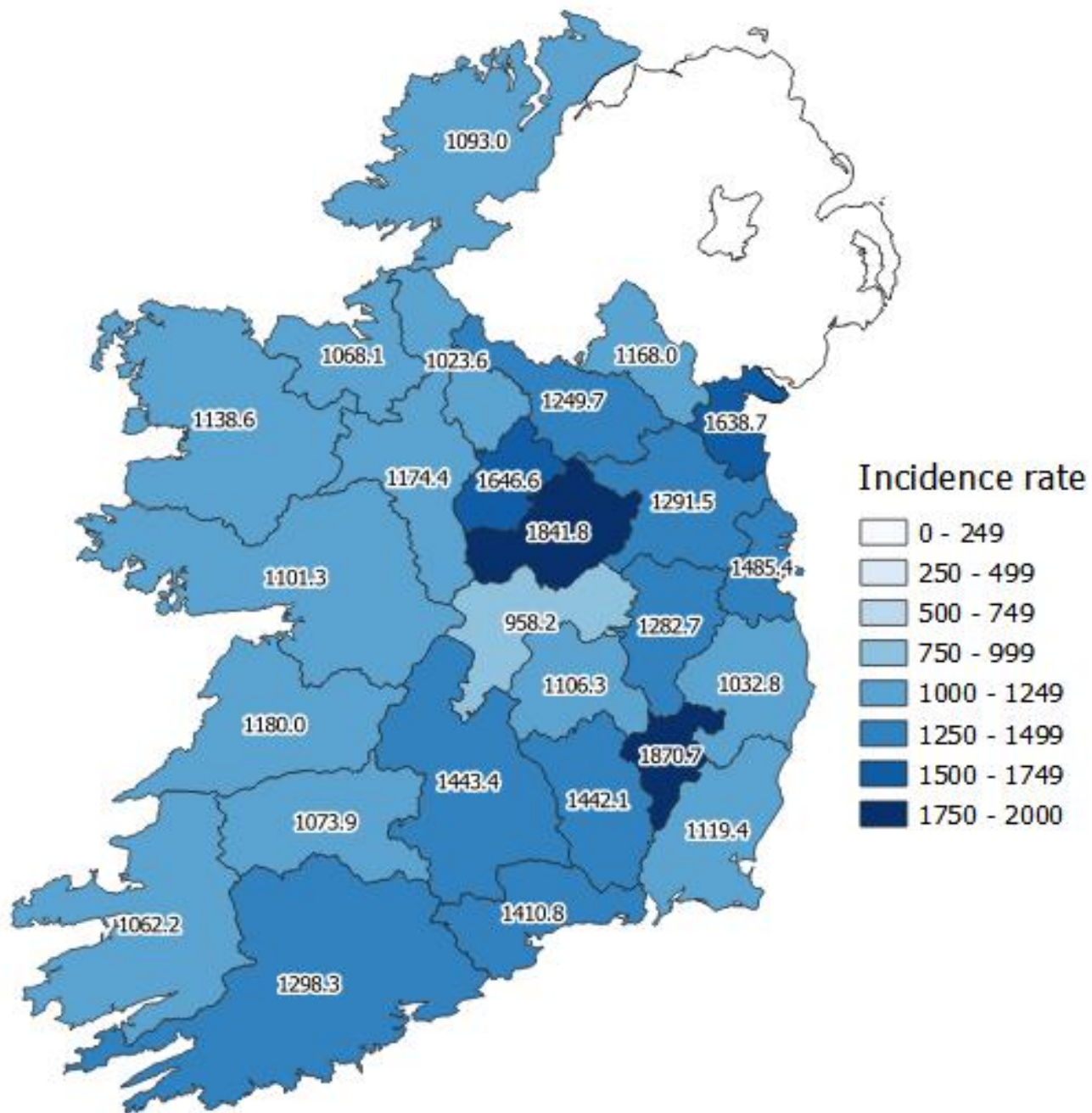


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 16/11/2021 up to midnight on 29/11/2021

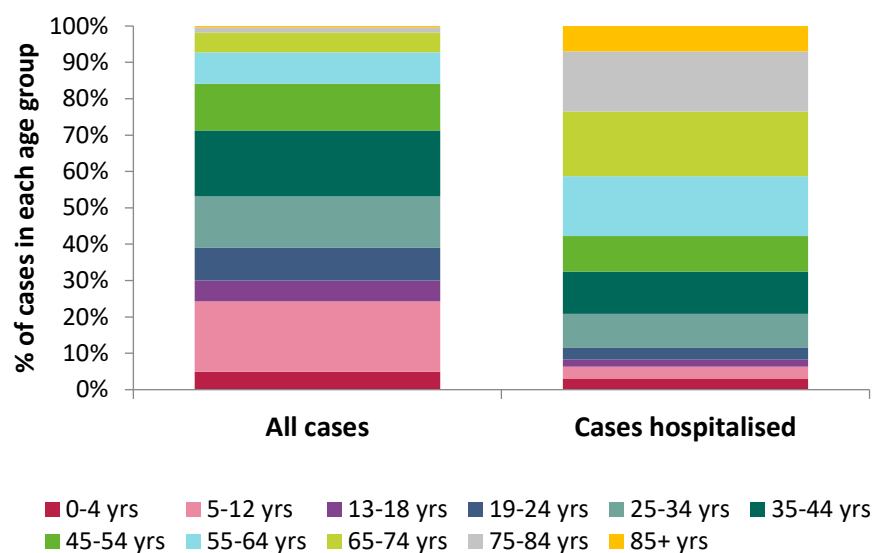


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 16/11/2021 up to midnight on 29/11/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 4: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 16/11/2021 up to midnight on 29/11/2021, 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	3078	4.9	16	3.1	0	0.0
5-12 yrs	12144	19.4	17	3.3	<5	-
13-18 yrs	3585	5.7	10	1.9	0	0.0
19-24 yrs	5620	9.0	17	3.3	<5	-
25-34 yrs	8894	14.2	48	9.3	<5	-
35-44 yrs	11353	18.1	60	11.6	<5	-
45-54 yrs	8079	12.9	51	9.8	5	14.3
55-64 yrs	5409	8.6	85	16.4	7	20.0
65-74 yrs	3393	5.4	92	17.8	14	40.0
75-84 yrs	930	1.5	86	16.6	<5	-
85+ yrs	209	0.3	36	6.9	<5	-
Unknown	17	0.0	0	0.0	0	0.0
Total	62711	100	518	100	35	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 5: Daily number of confirmed COVID-19 cases notified in Ireland from 16/11/2021 up to midnight on 29/11/2021

Date	Number of confirmed cases
16/11/2021	3631
17/11/2021	4647
18/11/2021	3137
19/11/2021	5959
20/11/2021	4176
21/11/2021	5629
22/11/2021	3663
23/11/2021	3893
24/11/2021	4762
25/11/2021	4619
26/11/2021	4785
27/11/2021	3734
28/11/2021	4605
29/11/2021	5471
Total	62,711

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 (16/11/2021 to 29/11/2021)

