



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 06/12/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 22/11/2021 up to midnight on 05/12/2021

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	62,612	
National incidence of confirmed cases per 100,000	1314.9	
Number of cases hospitalised*	515	0.82
Number of cases admitted to ICU*	17	0.03
Number of cases in healthcare workers	541	0.86
% where HCW is known	3.1	
Number of cases associated with clusters**	548	0.88
Males	30,858	49.3
Females	31,667	50.6
M:F ratio	0.97	
Median age (years)	31	
Mean age (years)	32	
Age range (years)	0-99	

* 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 22/11/2021 up to midnight on 05/12/2021. 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 06/12/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

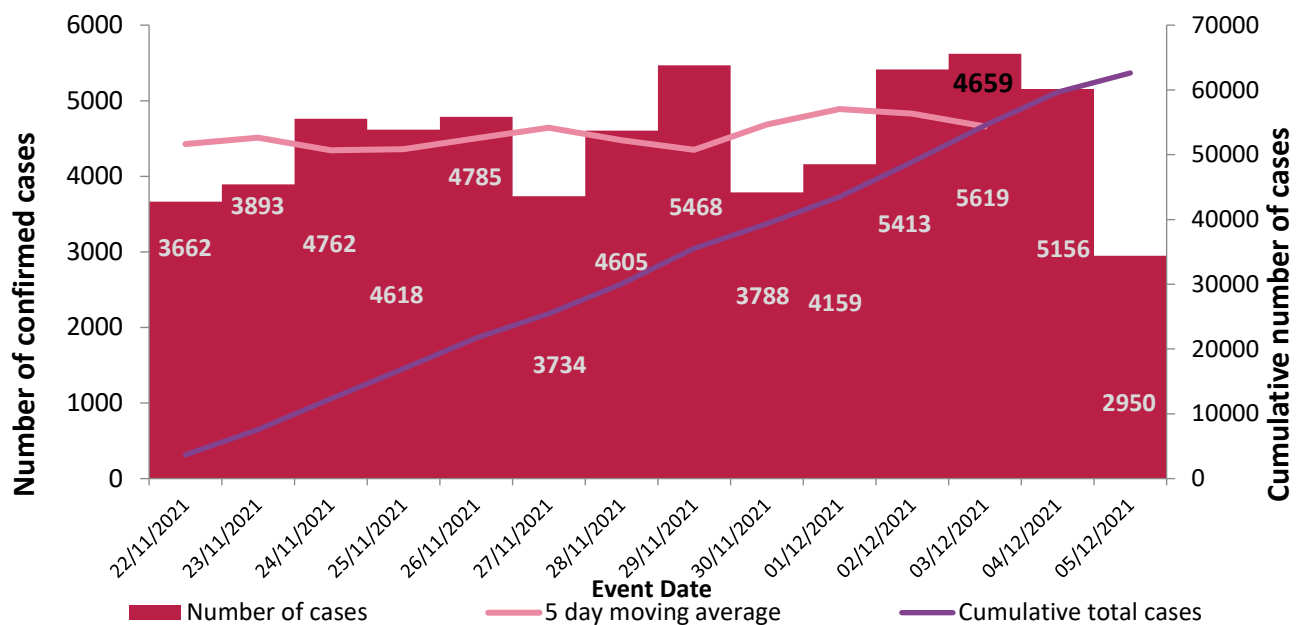


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=62612)

*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.

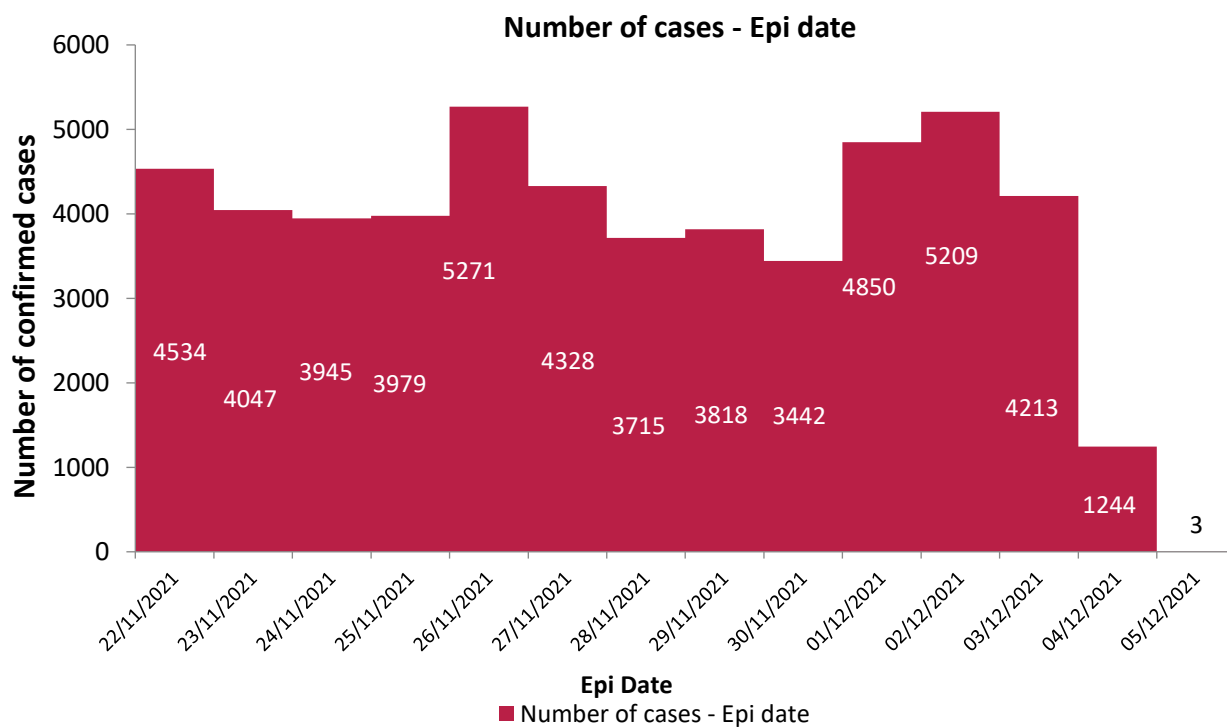


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 22/11/2021 up to midnight on 05/12/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		62,612	100
Sex	Male	30,858	49.3
	Female	31,667	50.6
	Unknown	87	0.1
Age	Median age (years)	31	
	Mean age (years)	32	
	Age range (years)	0-99	
	0-4 yrs	3228	5.2
	5-12 yrs	13005	20.8
	13-18 yrs	3696	5.9
	19-24 yrs	5385	8.6
	25-34 yrs	8751	14.0
	35-44 yrs	11597	18.5
	45-54 yrs	7931	12.7
	55-64 yrs	5190	8.3
	65-74 yrs	2902	4.6
	75-84 yrs	734	1.2
	85+ yrs	174	0.3
	Unknown	19	
	Total	62,612	

Table 2: Symptom and healthcare worker status of confirmed COVID-19 cases notified in Ireland from 22/11/2021 up to midnight on 05/12/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		62,612	100	
Symptom status at time of test*	Yes	15234	24.3	99.9
	No	9	0.0	0.1
	Unknown	47,369	75.7	
	Total cases where known	15243		
Healthcare worker	Yes	541	0.9	3.1
	No	17182	27.4	96.9
	Unknown	44,889	71.7	
	Total cases where known	17723		

*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.

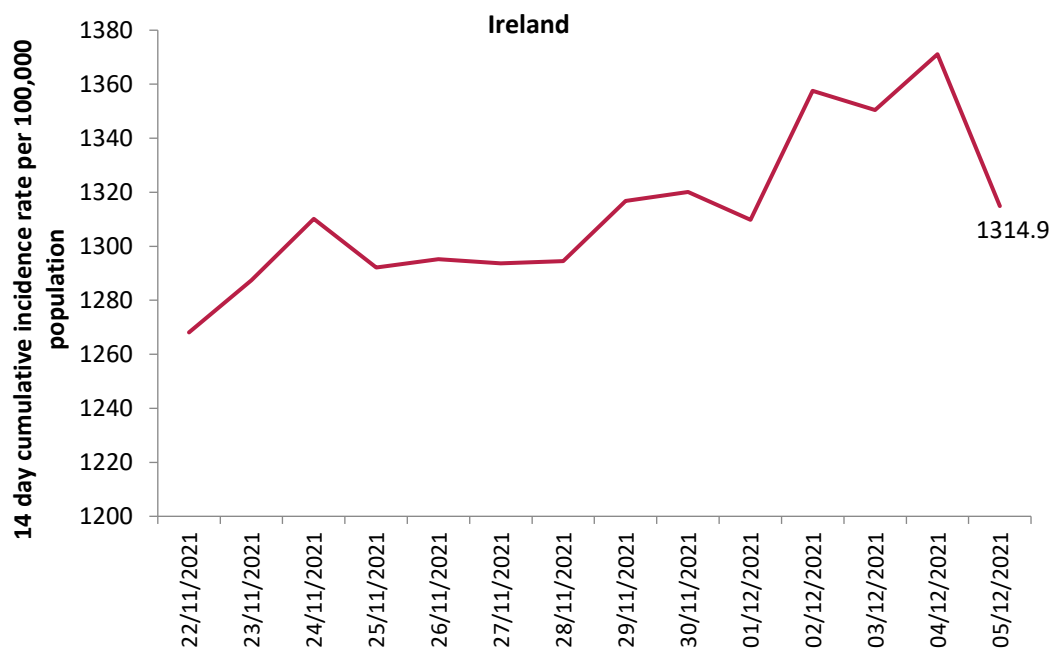


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 22/11/2021 up to midnight on 05/12/2021

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 22/11/2021 up to midnight on 05/12/2021, 7 day numbers are reported from 29/11/2021 up to midnight on 05/12/2021

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 (01/12/2021 - 05/12/2021)
Carlow	666	1169.8	1231	2162.2	54.10	97
Westmeath	935	1053.3	1695	1909.4	55.16	139
Laois	733	865.4	1235	1458.1	59.35	110
Louth	1,052	816.2	1857	1440.8	56.65	140
Longford	321	785.4	662	1619.7	48.49	50
Kildare	1,713	769.9	3169	1424.2	54.05	240
Tipperary	1,209	757.7	2420	1516.7	49.96	173
Waterford	857	737.7	1602	1378.9	53.50	132
Dublin	9,843	730.5	19638	1457.5	50.12	1372
Cork	3,790	698.1	7402	1363.5	51.20	575
Wicklow	965	677.5	1630	1144.5	59.20	122
Kilkenny	662	667.1	1355	1365.5	48.86	94
Offaly	518	664.4	886	1136.5	58.47	79
Sligo	407	621.0	734	1120.0	55.45	58
Meath	1,191	610.6	2355	1207.4	50.57	155
Galway	1,542	597.5	2880	1116.0	53.54	224
Kerry	863	584.3	1524	1031.8	56.63	131
Monaghan	355	578.3	645	1050.7	55.04	54
Clare	681	573.2	1373	1155.6	49.60	100
Wexford	856	571.7	1797	1200.2	47.63	138
Roscommon	368	570.2	662	1025.7	55.59	50
Donegal	898	564.1	1630	1023.9	55.09	132
Leitrim	166	518.0	310	967.4	53.55	25
Mayo	648	496.5	1251	958.6	51.80	90
Cavan	371	487.0	768	1008.2	48.31	52
Limerick	943	483.8	1901	975.4	49.61	130
Unknown/Other						
Total	32,553	683.6	62612	1314.9	51.99	4659

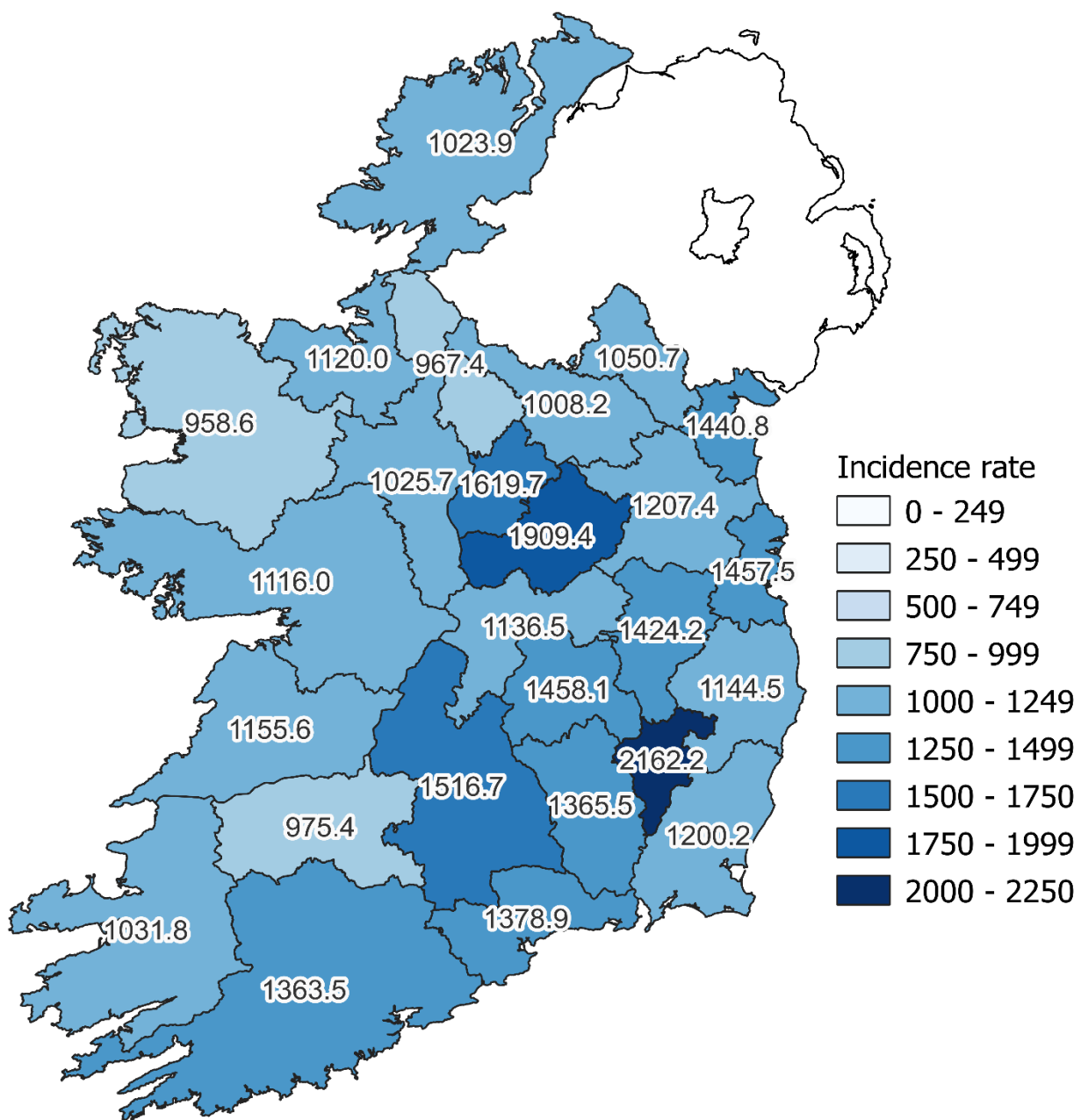


Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 22/11/2021 up to midnight on 05/12/2021

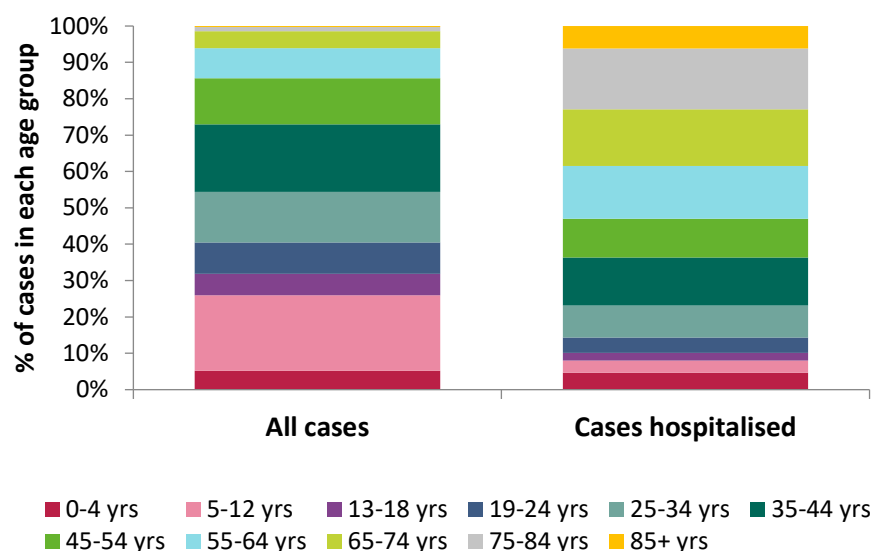


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 22/11/2021 up to midnight on 05/12/2021, in each age group, all cases, and cases admitted to hospital *

Table 4: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 22/11/2021 up to midnight on 05/12/2021, 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	3228	5.2	24	4.7	0	0.0
5-12 yrs	13005	20.8	17	3.3	<5	-
13-18 yrs	3696	5.9	11	2.1	0	0.0
19-24 yrs	5385	8.6	22	4.3	0	0.0
25-34 yrs	8751	14.0	45	8.7	<5	-
35-44 yrs	11597	18.5	68	13.2	0	0.0
45-54 yrs	7931	12.7	55	10.7	<5	-
55-64 yrs	5190	8.3	75	14.6	<5	-
65-74 yrs	2902	4.6	80	15.5	<5	-
75-84 yrs	734	1.2	86	16.7	<5	-
85+ yrs	174	0.3	32	6.2	0	0.0
Unknown	19	0.0	0	0.0	0	0.0
Total	62612	100	515	100	17	100

* 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.

Table 5: Daily number of confirmed COVID-19 cases notified in Ireland from 22/11/2021 up to midnight on 05/12/2021

Date	Number of confirmed cases
22/11/2021	3662
23/11/2021	3893
24/11/2021	4762
25/11/2021	4618
26/11/2021	4785
27/11/2021	3734
28/11/2021	4605
29/11/2021	5468
30/11/2021	3788
01/12/2021	4159
02/12/2021	5413
03/12/2021	5619
04/12/2021	5156
05/12/2021	2950
Total	62,612

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 (22/11/2021 to 05/12/2021)



