



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

Report prepared by HPSC on 27/01/2021

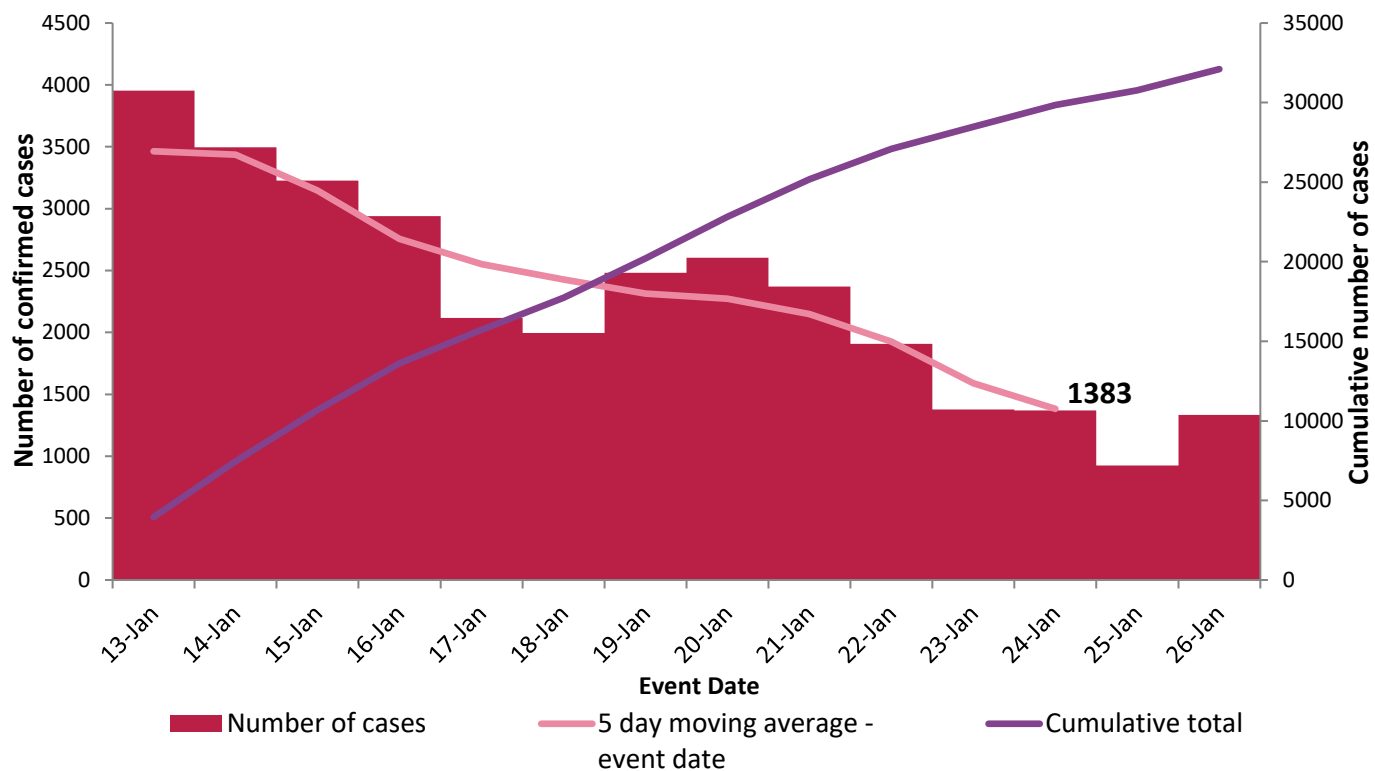
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 13/01/2021 up to midnight 26/01/2021

	Number	Percent
Total number of confirmed cases	32,103	
National incidence of confirmed cases per 100,000 population	674.17	
Number of cases hospitalised*	1,986	6.19
Number of cases admitted to ICU*	99	0.31
Number of deaths among confirmed cases	213	0.66
Case fatality ratio (CFR, %)	0.66	
National incidence of confirmed deaths per 100,000 population	4.47	
Number of cases** associated with clusters	3,927	12.23
Number of imported cases	9	0.03
Number of cases in healthcare workers	4,013	12.5
Males	14,838	46.22
Females	17,229	53.67
M:F ratio	0.86	
Median age (years)	41	
Mean age (years)	43	
Age range (years)	0 - 104	

\* The number of cases hospitalised and admitted to ICU relate only to events notified in the last 14 days and do not include cases notified prior to this and admitted to hospital or ICU in the last 14 days

\*\*Cases may be associated with outbreaks notified outside the timeframe of this report  
13/01/2021 - 26/01/2021

**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 08:30 on 27/01/2021 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 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=32,103)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 13/01/2021 up to midnight on 26/01/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>32,103</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.86	
	Male	14,838	46.22
	Female	17,229	53.67
	Unknown	36	0.11
<b>Age</b>	Median age (years)	41	
	Mean age (years)	43	
	Age range (years)	0 - 104	
	0-4 yrs	730	2.27
	5-12 yrs	1,084	3.38
	13-18 yrs	1,644	5.12
	19-24 yrs	3,253	10.13
	25-34 yrs	5,507	17.15
	35-44 yrs	5,480	17.07
	45-54 yrs	5,293	16.49
	55-64 yrs	3,924	12.22
	65-74 yrs	1,901	5.92
	75-84 yrs	1,780	5.54
	85+ yrs	1,463	4.56
Unknown	44	0.14	
<b>Underlying clinical conditions</b>	Yes	1,830	5.7
	No	22,769	70.92
	Unknown	7,504	23.37
<b>Symptom status at time of test*</b>	Yes	20,472	63.77
	No	3,734	11.63
	Unknown	7,897	24.6

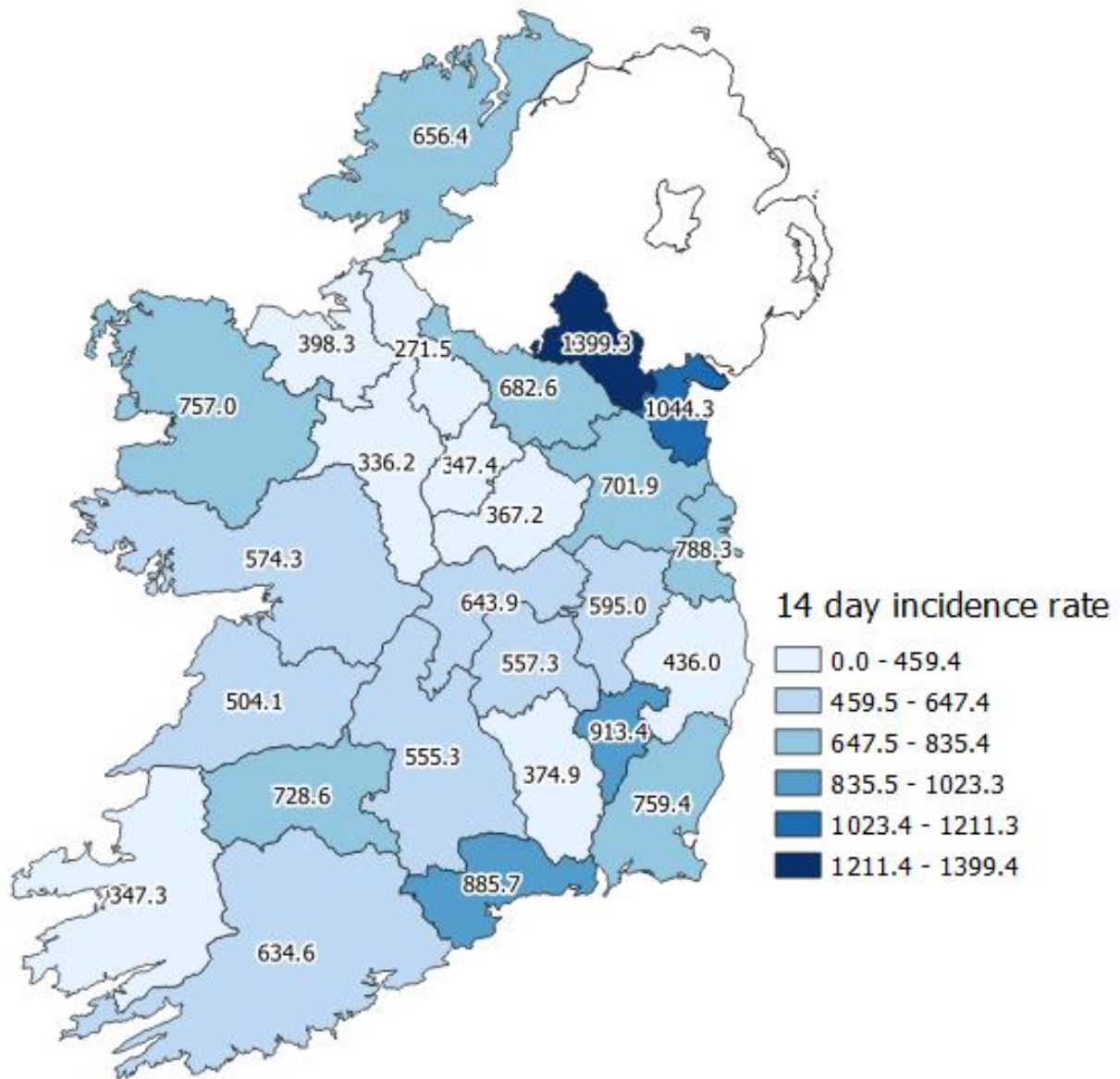
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 13/01/2021 to midnight 26/01/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	2,770	707.9
CHO2	2687	593.0
CHO3	2402	623.9
CHO4	3,958	573.1
CHO5	3,554	696.4
CHO6	2541	663.2
CHO7	4,623	653.2
CHO8	4,166	672.7
CHO9	5,402	869.3
Unknown	0	
<b>Total</b>	<b>32,103</b>	<b>674.2</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 13/01/2021 to midnight 26/01/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (22/01/2021-26/01/2021)
Monaghan	859	1399.3	42
Louth	1346	1044.3	68
Carlow	520	913.4	24
Waterford	1029	885.7	49
Dublin	10621	788.3	457
Wexford	1137	759.4	50
Mayo	988	757.0	41
Limerick	1420	728.6	55
Meath	1369	701.9	64
Cavan	520	682.6	20
Donegal	1045	656.4	42
Offaly	502	643.9	35
Cork	3445	634.6	137
Kildare	1324	595.0	49
Galway	1482	574.3	61
Laois	472	557.3	17
Tipperary	886	555.3	34
Clare	599	504.1	22
Wicklow	621	436.0	26
Sligo	261	398.3	14
Kilkenny	372	374.9	14
Westmeath	326	367.2	18
Longford	142	347.4	10
Kerry	513	347.3	20
Roscommon	217	336.2	6
Leitrim	87	271.5	5
<b>Total</b>	<b>32,103</b>	<b>674.2</b>	<b>1383</b>



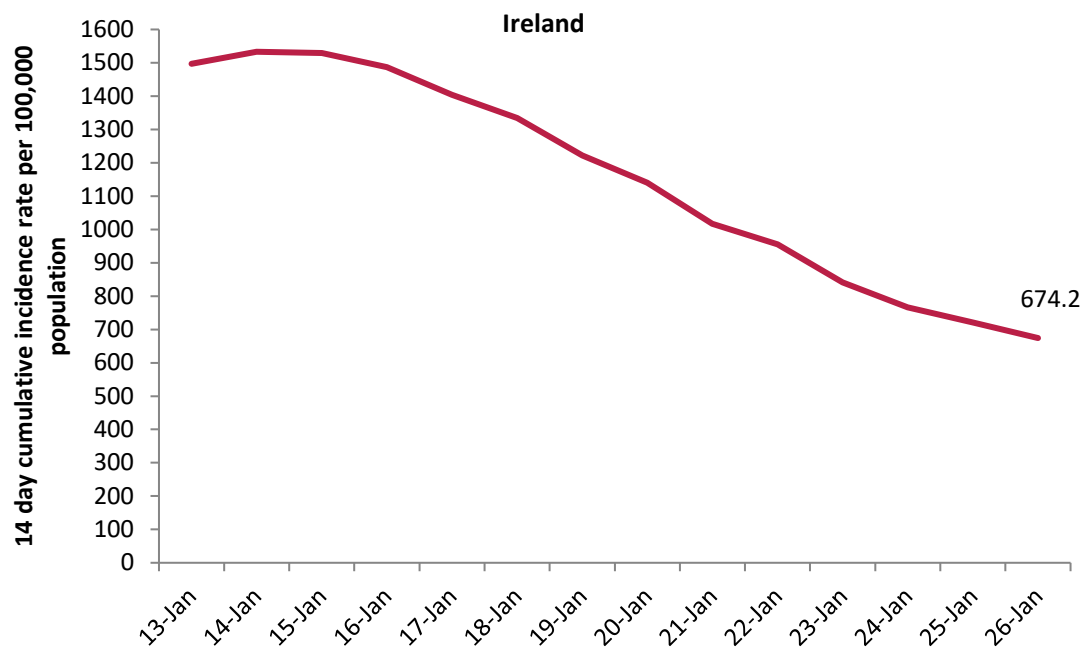
**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 13/01/2021 and 26/01/2021**

*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.*

**Table 4: Number and incidence of confirmed COVID-19 cases by Dublin Local Health Offices\* (LHOs) notified in Ireland with a notification date between 13/01/2021 and 26/01/2021**

CCA	Local Health Office	Number of cases in past 14 days based on notification date	14 day incidence rates based on notification dates
CCA1	Dublin South	631	463.7
CCA2	Dublin South East	1,312	1060.6
CCA3	Dublin South City	889	592.9
CCA4	Dublin South West	1,076	668.7
CCA5	Dublin West	1,311	843.9
CCA6	Dublin North West	2,181	1050.2
CCA7	Dublin North Central	1,556	1006.6
CCA8	Dublin North	1,665	642.5
	Unknown		
	<b>Dublin</b>	<b>10,621</b>	<b>788.3</b>

**Note:** Local health offices (LHOs) came into operation on 1<sup>st</sup> September 2005, replacing Community Care Areas (CCAs). LHO population denominators are used in this report rather than CCA population denominators. The LHO rates were calculated using Census 2016 LHO denominator data extracted from the HSE Health Atlas and are not a direct match to the corresponding CCAs.



**Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland\* (13/01/2021 to 26/01/2021)**

\*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 5: Number of confirmed COVID-19 cases by most likely transmission source notified from 13/01/2021 to midnight 26/01/2021**

Most likely transmission source	Number of cases	Percent
Travel related*	143	0.45%
Close contact with a known confirmed case	10,832	33.74%
Healthcare setting acquired: patient	2,036	6.34%
Healthcare setting acquired: staff	1,949	6.07%
Community transmission	5,404	16.83%
Under investigation	11,739	36.57%
<b>Total</b>	<b>32,103</b>	<b>100.00%</b>

\*Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases

**Table 6: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 13/01/2021 to midnight 26/01/2021 by age group, hospitalisation and ICU admission\***

Age Group (years)	Number of cases (n)	Cases hospitalised (n)	Cases hospitalised (%)	Cases admitted to ICU (n)	Cases admitted to ICU (%)
0-4 yrs	730	18	0.91	0	0
5-12 yrs	1,084	13	0.65	0	0
13-18 yrs	1,644	32	1.61	1	1.01
19-24 yrs	3,253	77	3.88	0	0
25-34 yrs	5,507	131	6.60	4	4.04
35-44 yrs	5,480	159	8.01	9	9.09
45-54 yrs	5,293	206	10.37	15	15.15
55-64 yrs	3,924	265	13.34	29	29.29
65-74 yrs	1,901	282	14.20	23	23.23
75-84 yrs	1,780	483	24.32	15	15.15
85+ yrs	1,463	320	16.11	3	3.03
Unknown	44			0	0
<b>Total</b>	<b>32,103</b>	<b>1,986</b>	<b>100</b>	<b>99</b>	<b>100</b>

\* The number of cases hospitalised and admitted to ICU relate only to events notified in the last 14 days and do not include cases notified prior to this and admitted to hospital or ICU in the last 14 days



## Deaths among COVID-19 cases

**Table 7: Summary of deaths in all COVID-19 cases notified in Ireland from 13/01/2021 up to midnight 26/01/2021**

	Number	Percent
Total number of deaths	218	
Confirmed	213	97.71
Probable	3	1.38
Possible	2	0.92
Total number of cases hospitalised	102	46.79
Total number of male cases	99	45.41
M:F ratio	0.83	
Median age (years)	83	
Mean age (years)	81	
Age range (years)	41 - 100	

**Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 13/01/2021 up to midnight 26/01/2021**

Age group (years)	Female	Male	Total	Percent
35-44 yrs	<5	<5	<5	<b>1.38</b>
45-54 yrs	<5	<5	<5	<b>1.83</b>
55-64 yrs	5	6	<b>11</b>	<b>5.05</b>
65-74 yrs	12	16	<b>28</b>	<b>12.84</b>
75-84 yrs	40	41	<b>81</b>	<b>37.16</b>
85+ yrs	59	32	<b>91</b>	<b>41.74</b>
<b>Total</b>	<b>119</b>	<b>99</b>	<b>218</b>	<b>100</b>
<b>Percent</b>	<b>54.59</b>	<b>45.41</b>		

## **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 at 08:30 on 27/01/2021. 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. Epidemiological date

Epidemiological date is derived from the earliest of onset date, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date and event creation/notification date.

### 3. Population data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-14 years, 15-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and  $\geq 85$  years.

### 3. Transmission classification

Transmission classification is based on country of infection as well as enhanced exposure data (international travel; close contact of a case) recorded in CIDR. Transmission is classified as 'unknown' due to incomplete data on CIDR.

Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

WHO definition of transmission classification is specified below:

- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within the reporting location.
- Imported cases only indicates locations where all cases have been acquired outside the location of reporting.

### 4. HSE areas

The counties covered by each HSE area are as follows:

- HSE East (E): Dublin, Kildare & Wicklow;
- HSE Midlands (M): Laois, Longford, Offaly & Westmeath;
- HSE Midwest (MW): Clare, Limerick & N. Tipperary;
- HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;
- HSE Northwest (NW): Donegal, Leitrim & Sligo;
- HSE South (S): Kerry & Cork;
- HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;
- HSE West (W): Galway, Mayo & Roscommon.

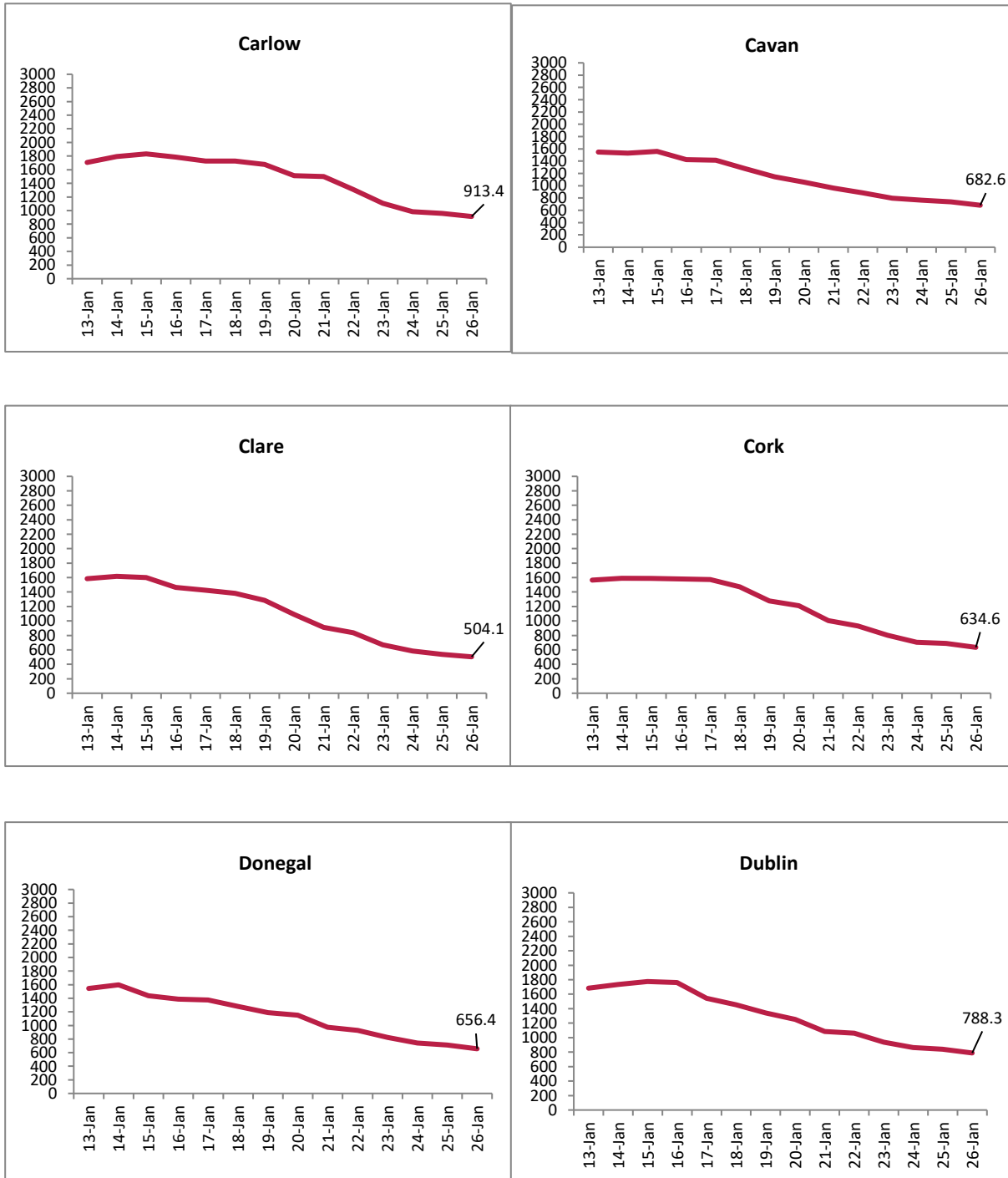
### 5. Outbreak location

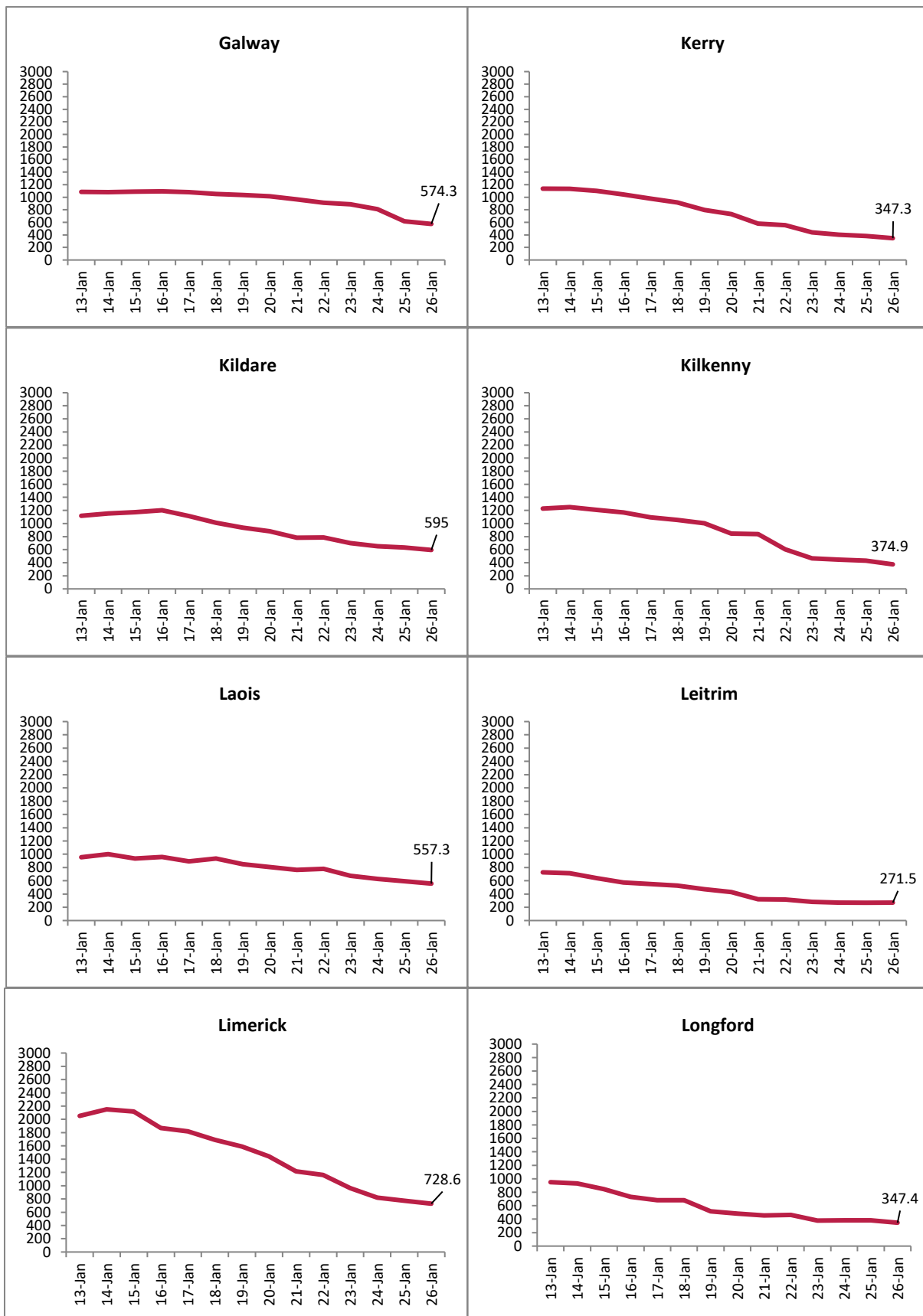
Where an outbreak location is reported as a residential facility (RF) this includes nursing homes, community hospitals, long-stay units and residential institutions including mental health facilities, prisons and direct provision centres.

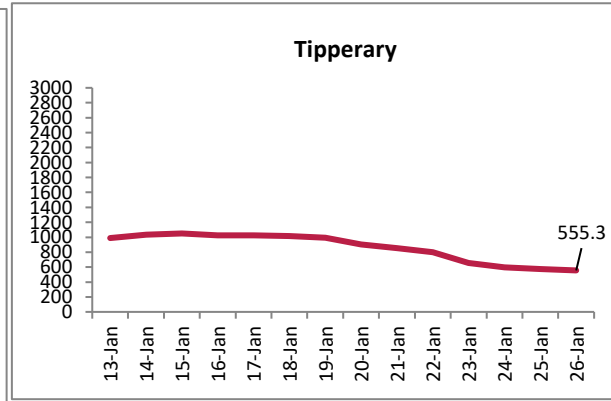
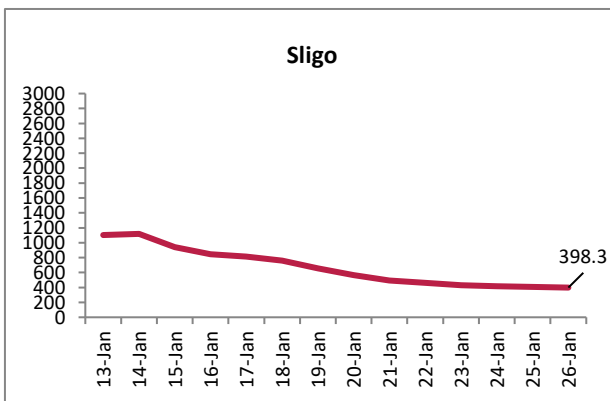
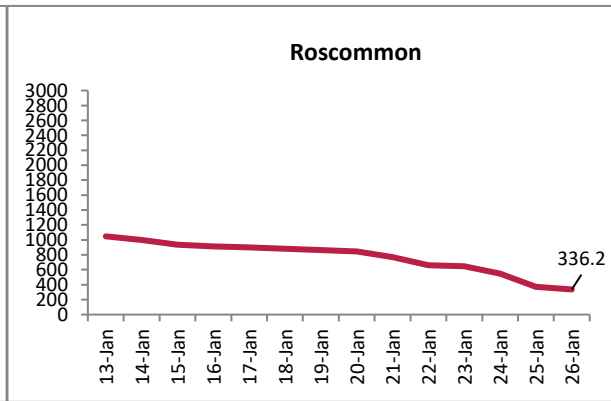
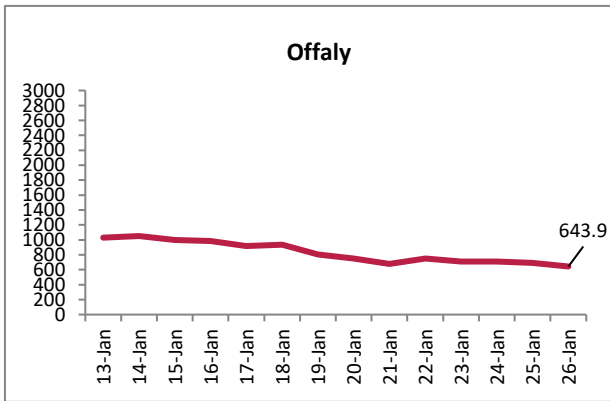
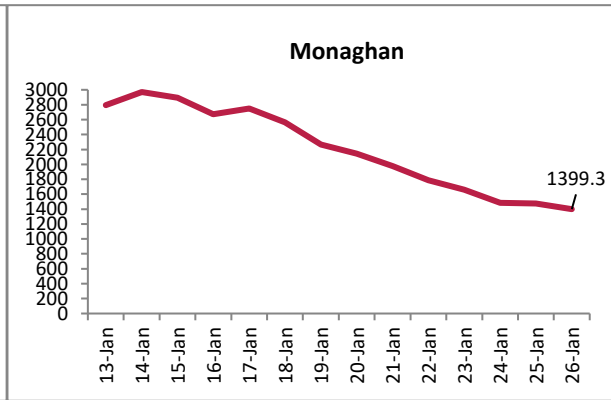
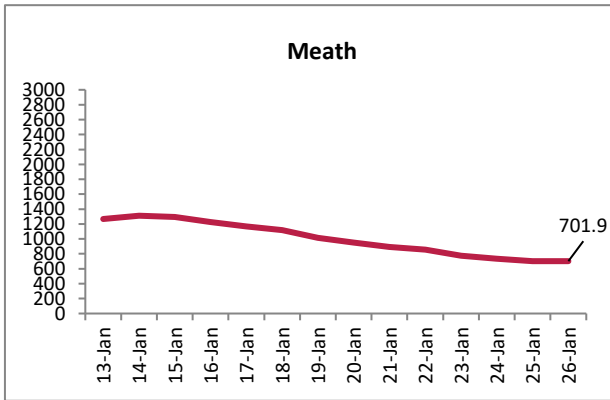
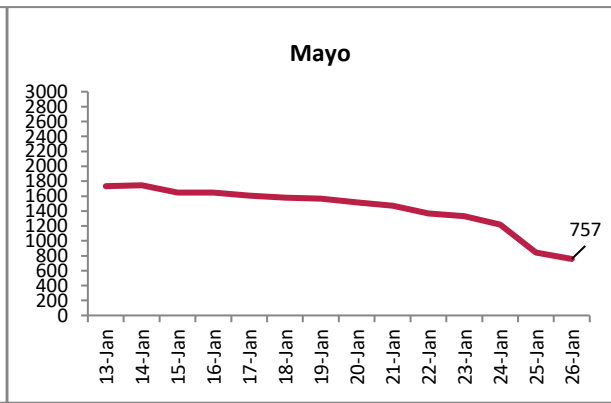
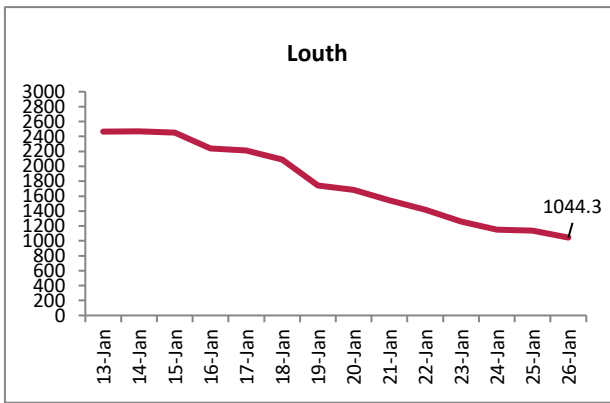
Other outbreak location includes community, extended family, hotel, public house, retail outlet, travel related and all other locations.

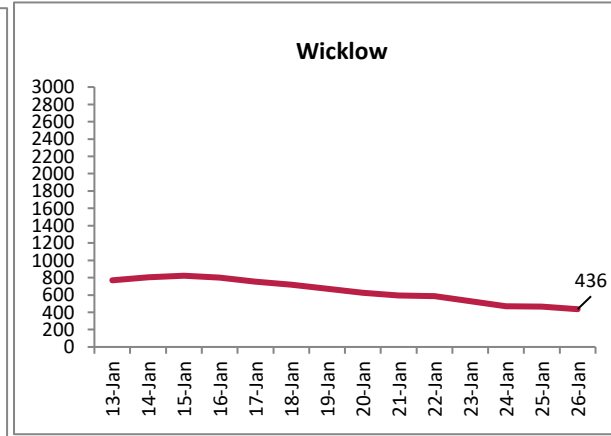
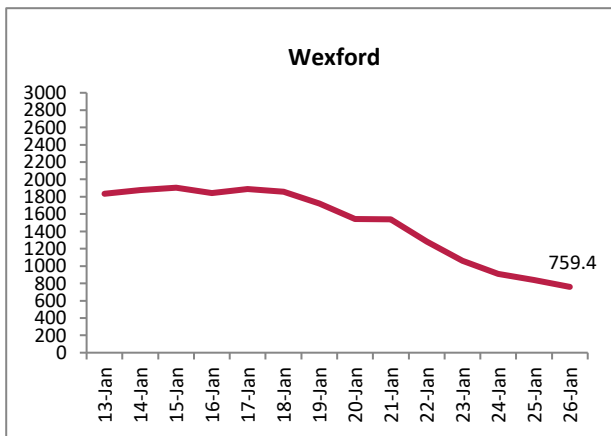
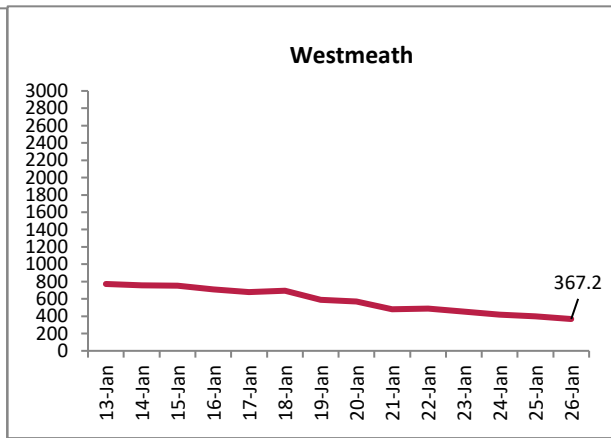
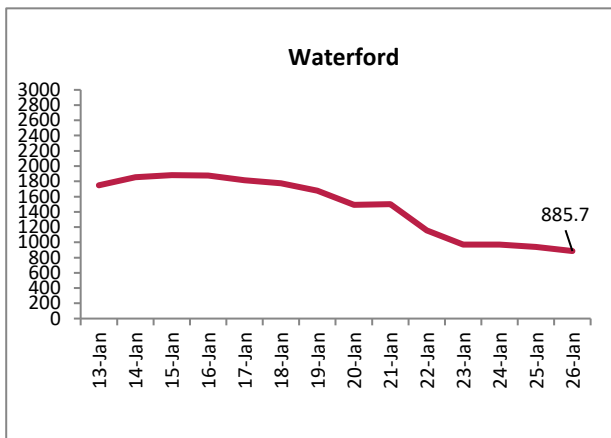
## Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (13/01/2021 to 26/01/2021)

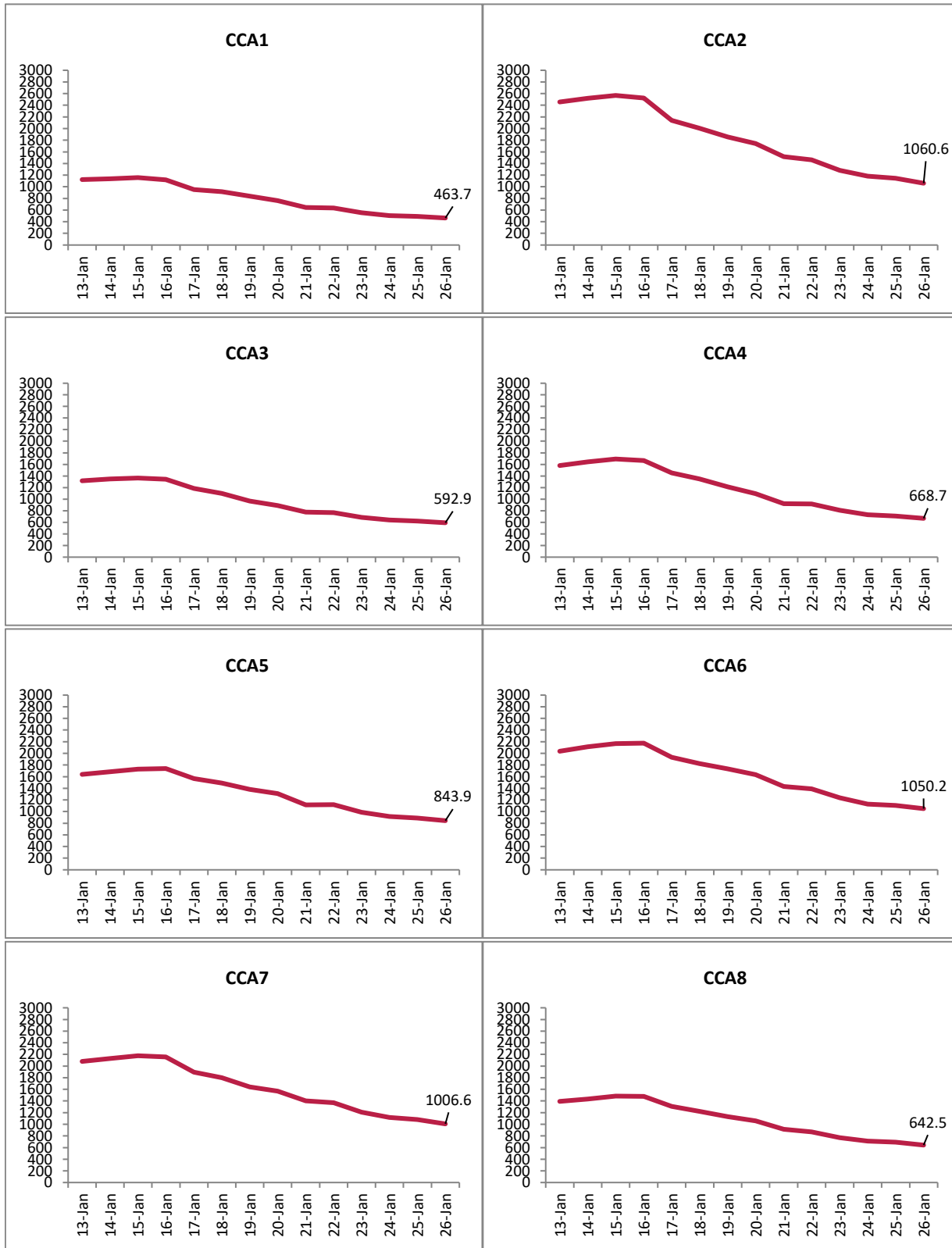








**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (13/01/2021 to 26/01/2021)**



Report prepared by Health Protection Surveillance Centre on 27/01/2021