



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 15/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 01/01/2021 up to midnight 14/01/2021

	Number	Percent
Total number of confirmed cases	73,026	
National incidence of confirmed cases per 100,000 population	1,533.56	
Number of cases hospitalised*	2,318	3.17
Number of cases admitted to ICU*	136	0.19
Number of deaths among confirmed cases	196	0.27
Case fatality ratio (CFR, %)	0.27	
National incidence of confirmed deaths per 100,000 population	4.12	
Males	34,438	47.16
Females	38,548	52.79
M:F ratio	0.89	
Median age (years)	38	
Mean age (years)	40	
Age range (years)	0 - 120	

* 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

Note 1: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:43 on 15/01/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

Note 2: Due to the surge in COVID-19 cases in recent days, the availability of surveillance data is limited. Consequently, HPSC is currently producing an abridged version of the 14 day report.

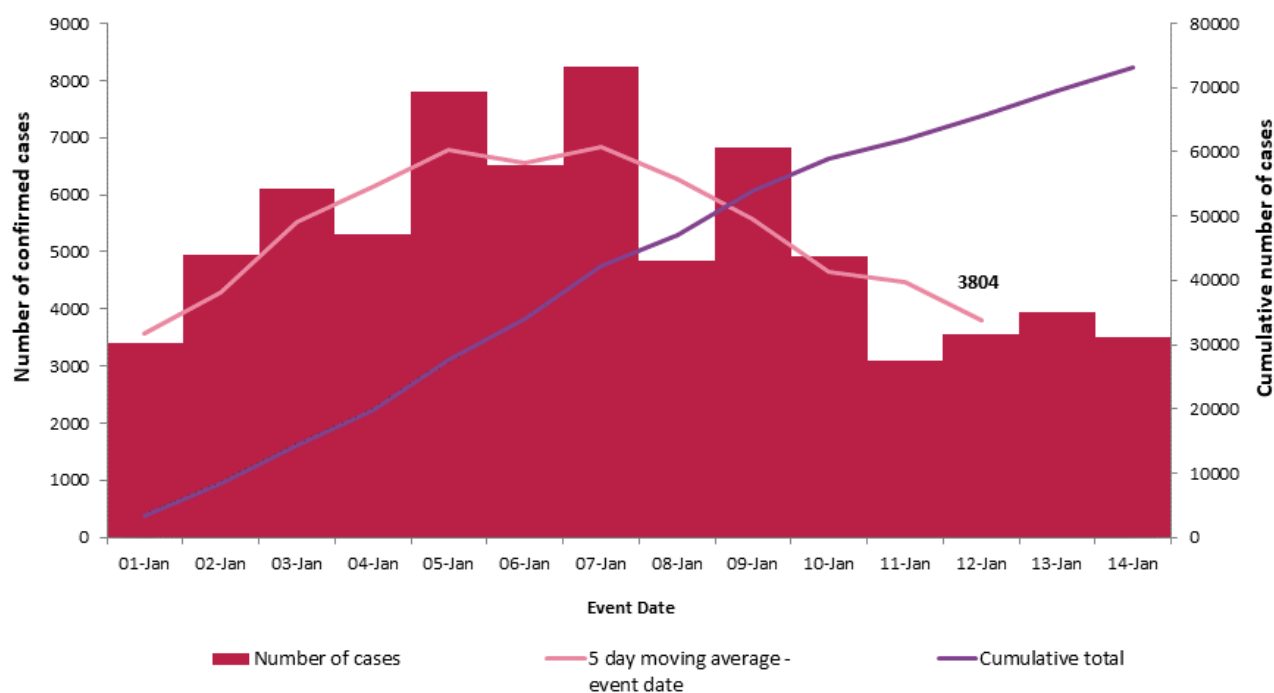


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=73,026)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 01/01/2021 up to midnight on 14/01/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		73,026	100
Sex	Male:Female ratio	0.89	
	Male	34,438	47.16
	Female	38,548	52.79
	Unknown	40	0.05
Age	Median age (years)	38	
	Mean age (years)	40	
	Age range (years)	0 - 120	
	0-4 yrs	1,454	1.99
	5-12 yrs	2,582	3.54
	13-18 yrs	4,410	6.04
	19-24 yrs	9,987	13.68
	25-34 yrs	13,923	19.07
	35-44 yrs	11,825	16.19
	45-54 yrs	11,250	15.41
	55-64 yrs	9,270	12.69
	65-74 yrs	4,229	5.79
	75-84 yrs	2,511	3.44
	85+ yrs	1,575	2.16
	Unknown	10	0.01

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 01/01/2021 to midnight 14/01/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	6,491	1658.9
CHO2	5712	1260.6
CHO3	6827	1773.3
CHO4	10,311	1493.1
CHO5	8,152	1597.4
CHO6	5775	1507.2
CHO7	9,877	1395.6
CHO8	8,485	1370.1
CHO9	11,396	1833.9
Unknown	0	
Total	73,026	1533.6

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 01/01/2021 to midnight 14/01/2021

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1822	2968.1
Louth	3180	2467.3
Limerick	4204	2157.0
Waterford	2356	2028.0
Wexford	2740	1830.1
Dublin	23346	1732.7
Mayo	2247	1721.7
Carlow	948	1665.1
Clare	1927	1621.8
Donegal	2544	1598.1
Cork	8635	1590.6
Cavan	1165	1529.4
Meath	2559	1312.0
Kilkenny	1227	1236.5
Kildare	2563	1151.9
Kerry	1676	1134.7
Sligo	736	1123.1
Galway	2812	1089.7
Offaly	819	1050.5
Roscommon	653	1011.7
Tipperary	1602	1004.1
Laois	848	1001.2
Longford	380	929.7
Wicklow	1139	799.7
Westmeath	670	754.8
Leitrim	228	711.5
Total	73,026	1533.6

Table 4: Number and incidence of confirmed COVID-19 cases by Dublin Local Health Offices* (LHOs) notified in Ireland with a notification date between 01/01/2021 and 14/01/2021

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	1549	1138.4
CCA2	Dublin South East	3118	2520.5
CCA3	Dublin South City	2020	1347.3
CCA4	Dublin South West	2645	1643.9
CCA5	Dublin West	2618	1685.3
CCA6	Dublin North West	4385	2111.5
CCA7	Dublin North Central	3292	2129.6
CCA8	Dublin North	3719	1435.1
	Unknown		
	Dublin	23346	1732.7

Note: Local health offices (LHOs) came into operation on 1st 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.

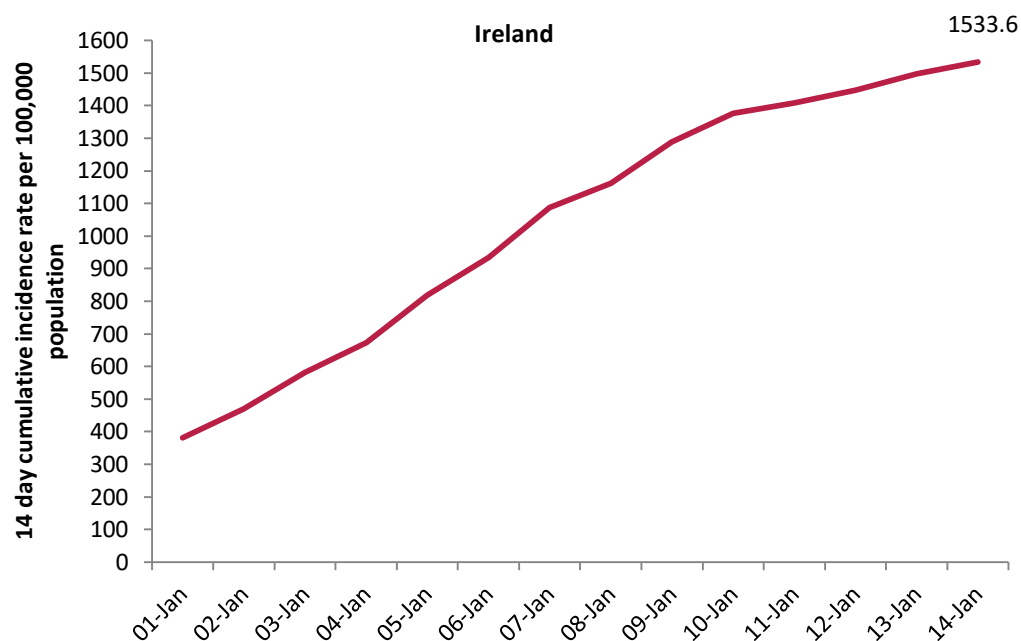


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (01/01/2021 to 14/01/2021)

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: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 01/01/2021 to midnight 14/01/2021 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	1454	26	1.12	1	0.74
5-12 yrs	2582	9	0.39	0	0
13-18 yrs	4410	30	1.29	1	0.74
19-24 yrs	9987	80	3.45	0	0
25-34 yrs	13923	162	6.99	4	2.94
35-44 yrs	11825	175	7.55	7	5.15
45-54 yrs	11250	236	10.18	24	17.65
55-64 yrs	9270	302	13.03	32	23.53
65-74 yrs	4229	431	18.59	41	30.15
75-84 yrs	2511	523	22.56	21	15.44
85+ yrs	1575	344	14.84	5	3.68
Unknown	10			0	0
Total	73,026	2318	100	136	100

* 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

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 09:43 on 15/01/2021. 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. 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 ≥ 85 years.

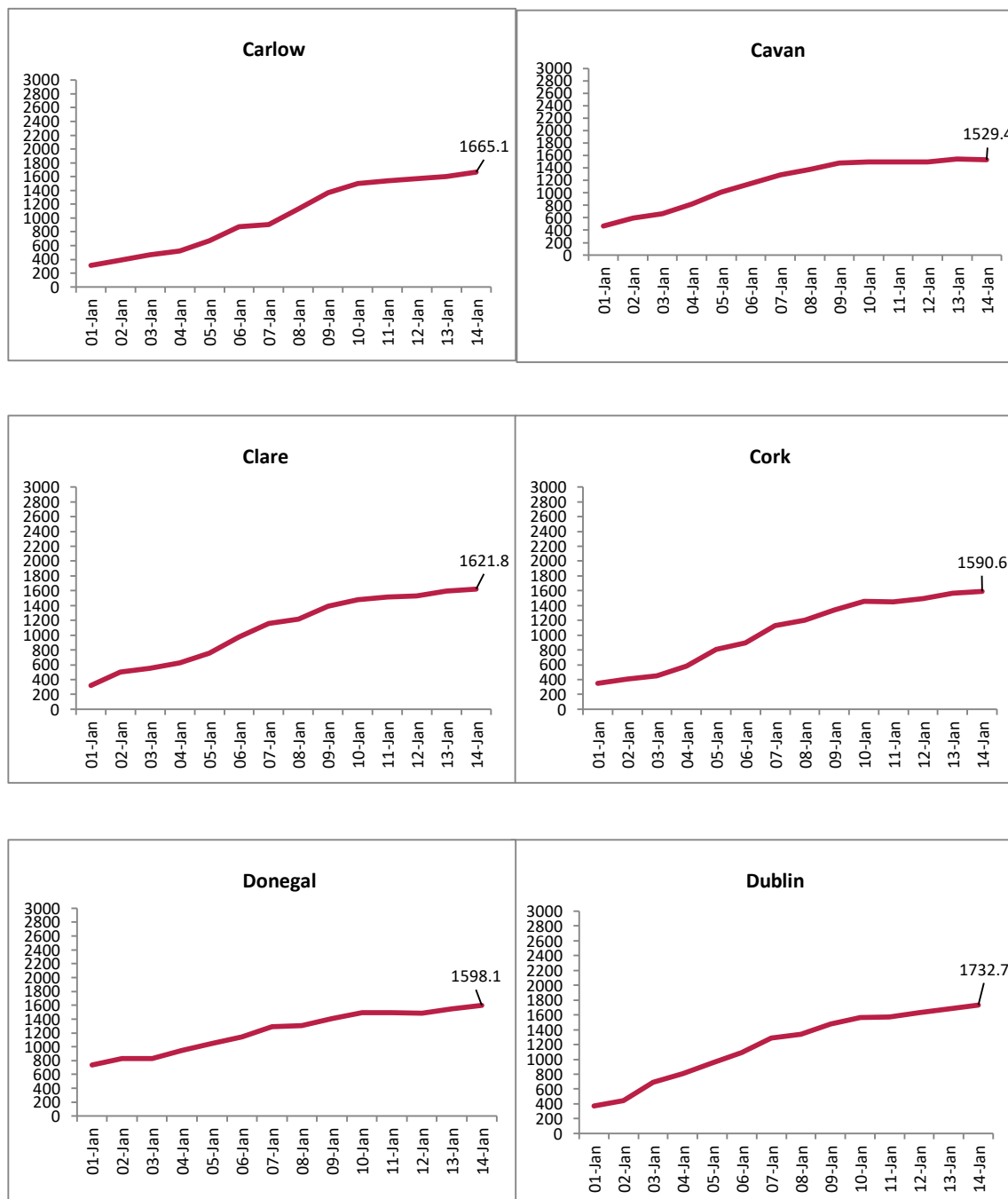
3. HSE areas

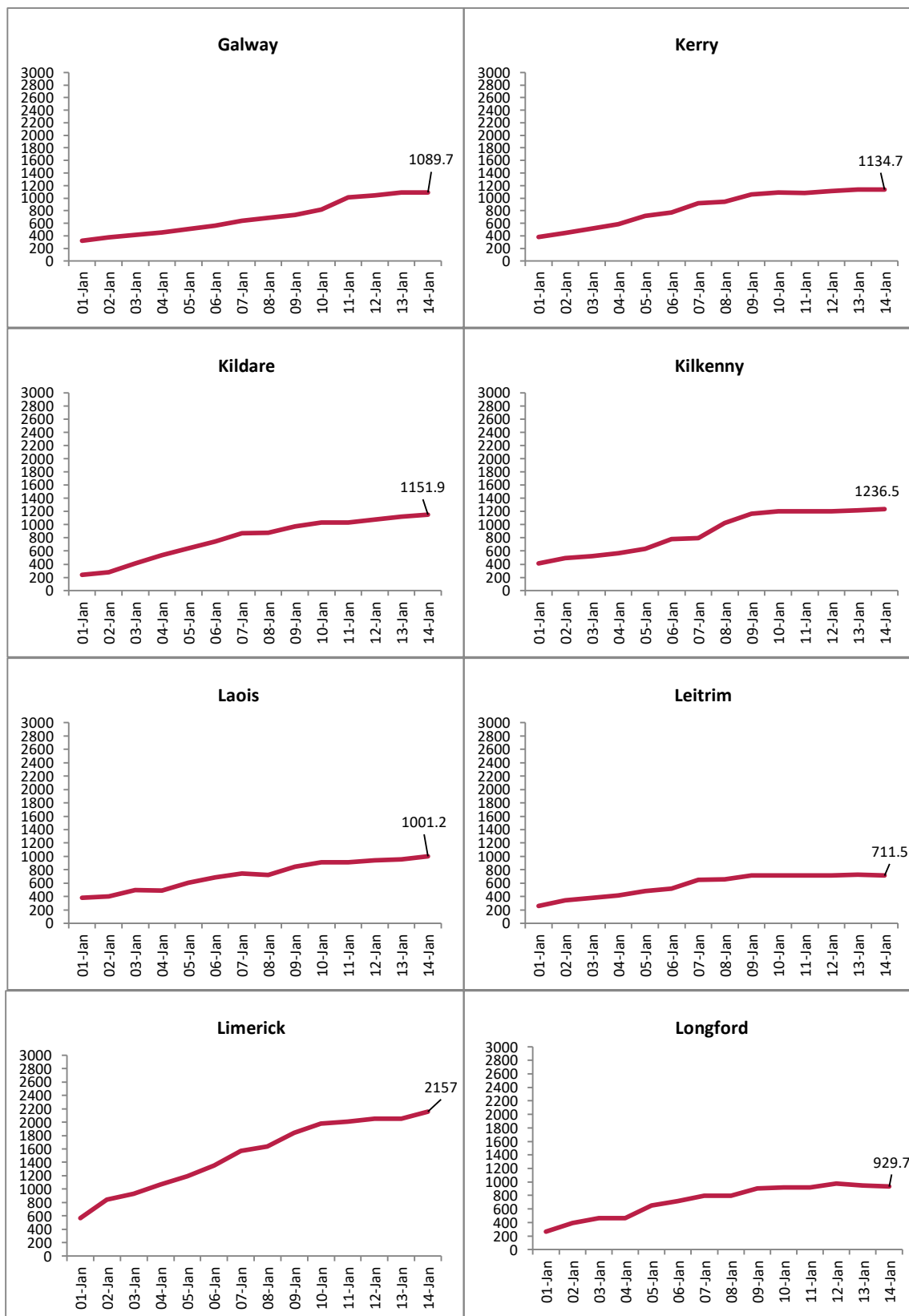
The counties covered by each HSE area are as follows:

- 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.

Appendix 1

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







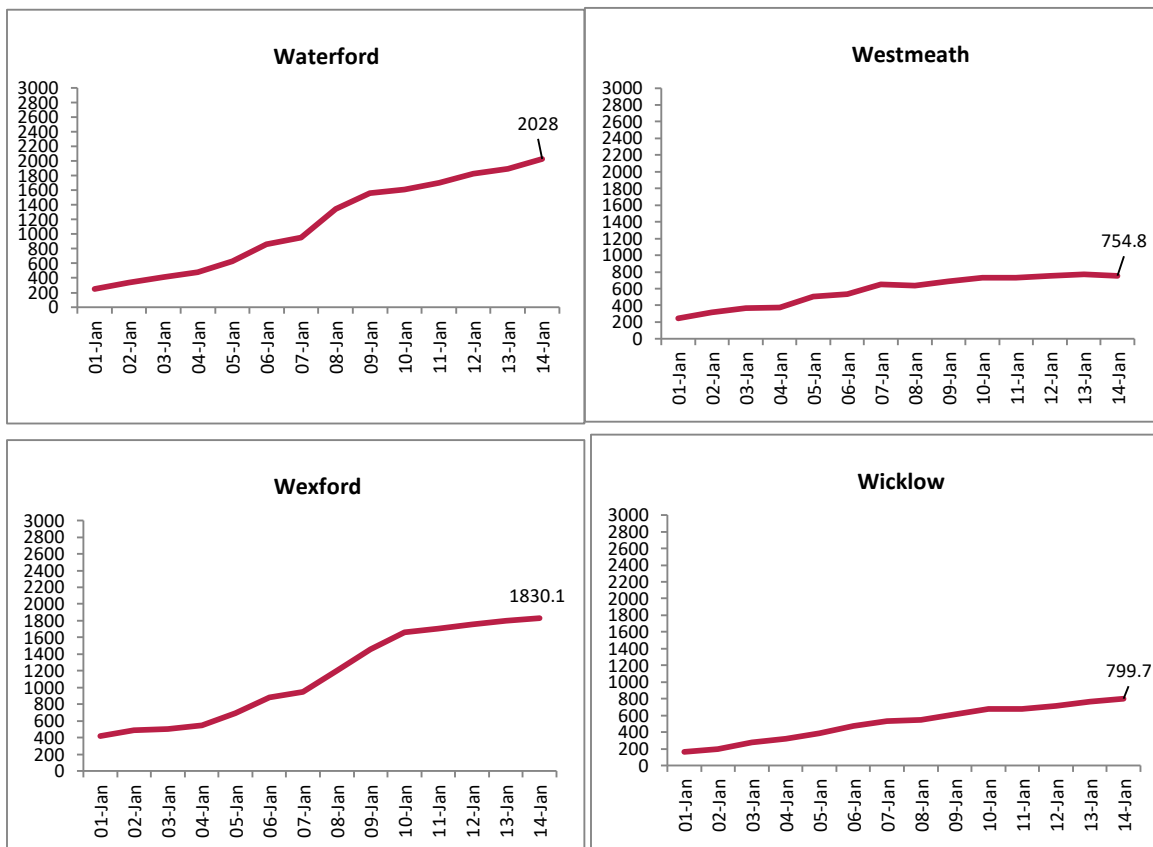
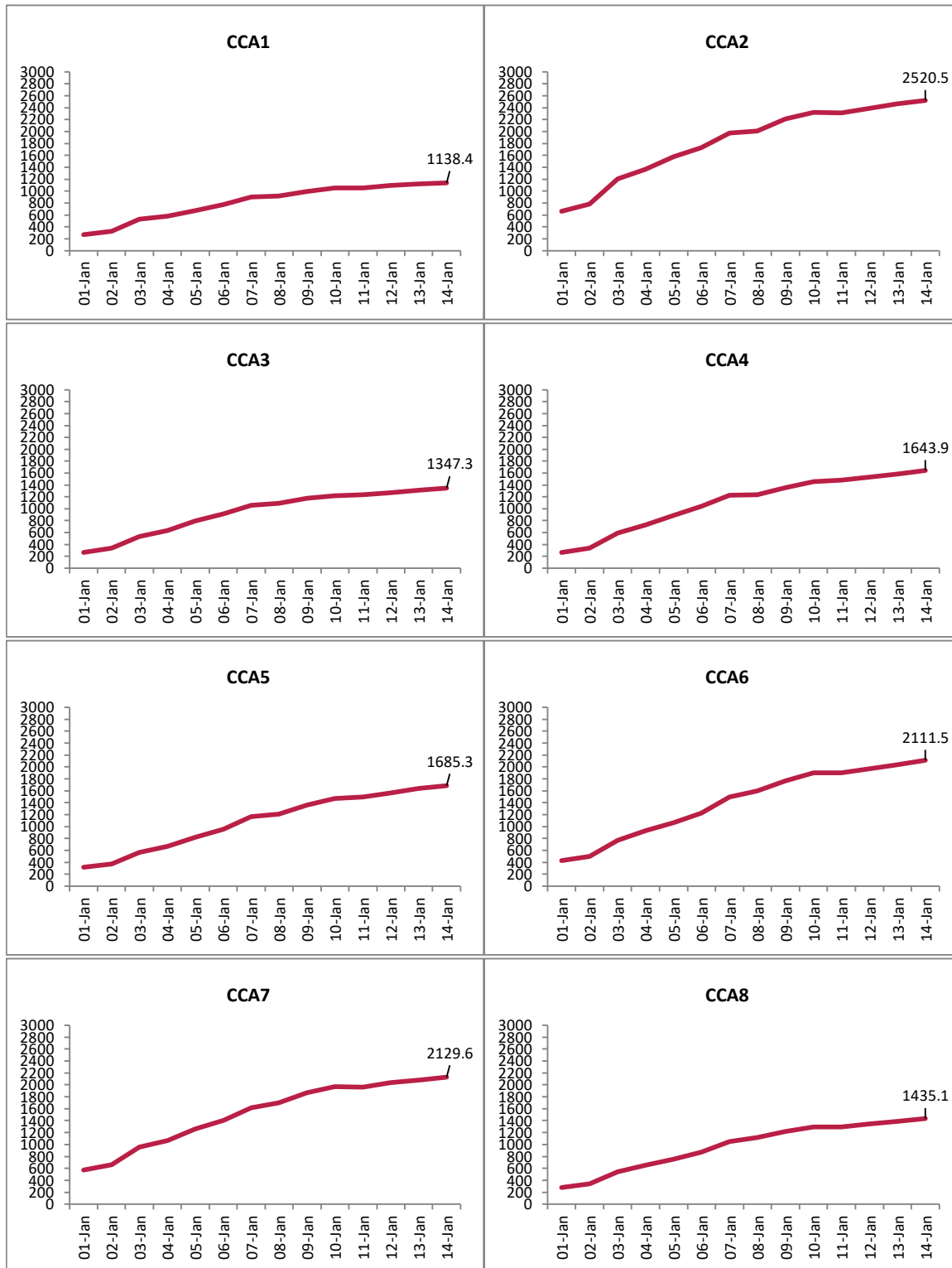


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (01/01/2021 to 14/01/2021)



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