



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 12/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 29/12/2020 up to midnight 11/01/2021

	Number	Percent
Total number of confirmed cases	67,157	
National incidence of confirmed cases per 100,000 population	1,410.31	
Number of cases hospitalised*	1,699	2.53
Number of cases admitted to ICU*	95	0.14
Number of deaths among confirmed cases	103	0.15
Case fatality ratio (CFR, %)	0.15	
National incidence of confirmed deaths per 100,000 population	2.16	
Males	31,858	47.44
Females	35,118	52.29
M:F ratio	0.91	
Median age (years)	37	
Mean age (years)	39	
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

Note 1: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:46 on 12/01/2021 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.

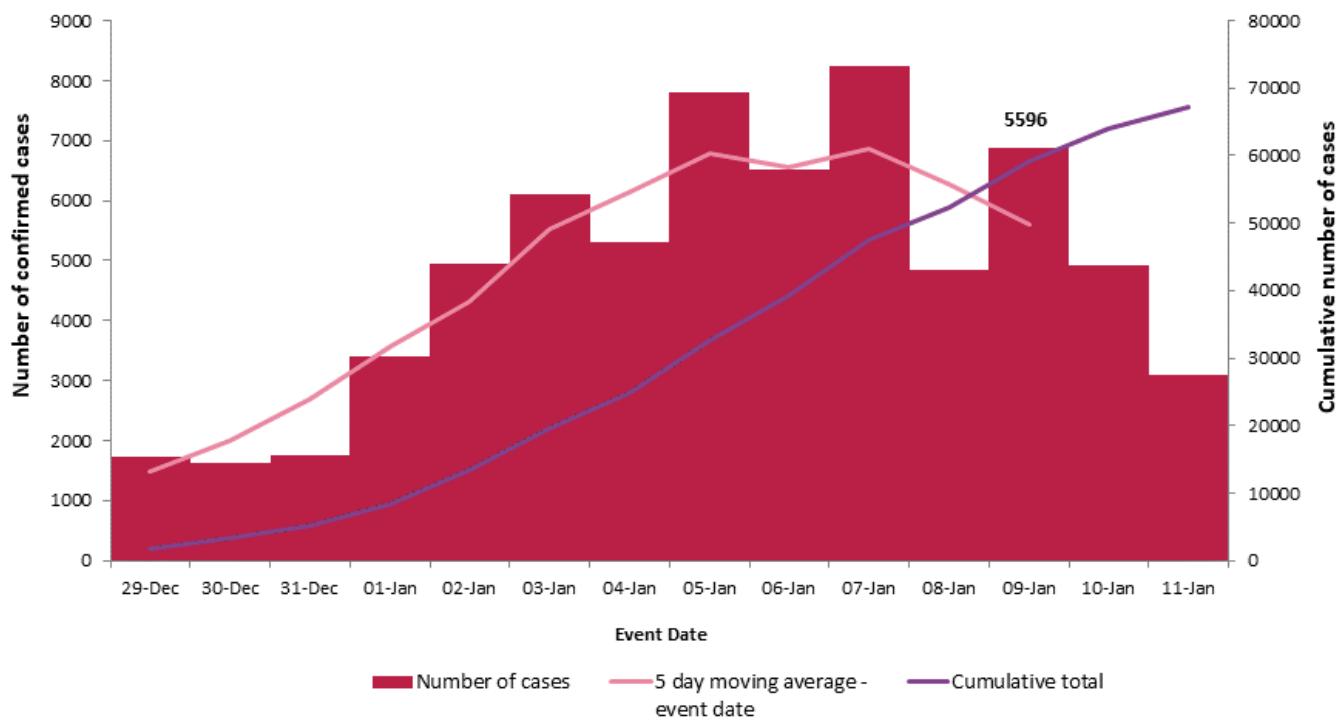


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=67,157)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 29/12/2020 up to midnight on 11/01/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		67,157	100
Sex	Male:Female ratio	0.91	
	Male	31,858	47.44
	Female	35,118	52.29
	Unknown	181	0.27
Age	Median age (years)	37	
	Mean age (years)	39	
	Age range (years)	0 - 104	
	0-4 yrs	1,367	2.04
	5-12 yrs	2,451	3.65
	13-18 yrs	4,121	6.14
	19-24 yrs	9,792	14.58
	25-34 yrs	13,145	19.57
	35-44 yrs	10,713	15.95
	45-54 yrs	10,063	14.98
	55-64 yrs	8,398	12.51
	65-74 yrs	3,815	5.68
	75-84 yrs	2,035	3.03
	85+ yrs	1,247	1.86
	Unknown	10	0.01

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 29/12/2020 to midnight 11/01/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	6,107	1560.8
CHO2	5398	1191.3
CHO3	6389	1659.5
CHO4	9,484	1373.3
CHO5	7,358	1441.8
CHO6	5251	1370.4
CHO7	8,892	1256.4
CHO8	7,886	1273.4
CHO9	10,348	1665.3
Unknown	44	
Total	67,157	1410.3

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 29/12/2020 to midnight 11/01/2021

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1627	2650.4
Louth	2967	2302.1
Limerick	3955	2029.3
Waterford	2030	1747.3
Wexford	2536	1693.8
Mayo	2095	1605.3
Dublin	21257	1577.7
Carlow	860	1510.6
Cavan	1142	1499.2
Clare	1780	1498.1
Donegal	2373	1490.7
Cork	7877	1451.0
Meath	2337	1198.2
Kilkenny	1187	1196.2
Sligo	747	1139.8
Kerry	1607	1088.0
Galway	2668	1033.9
Kildare	2298	1032.8
Roscommon	635	983.8
Offaly	744	954.3
Longford	375	917.5
Laois	774	913.8
Tipperary	1446	906.3
Westmeath	650	732.2
Leitrim	227	708.4
Wicklow	963	676.1
Total	67,157	1410.3

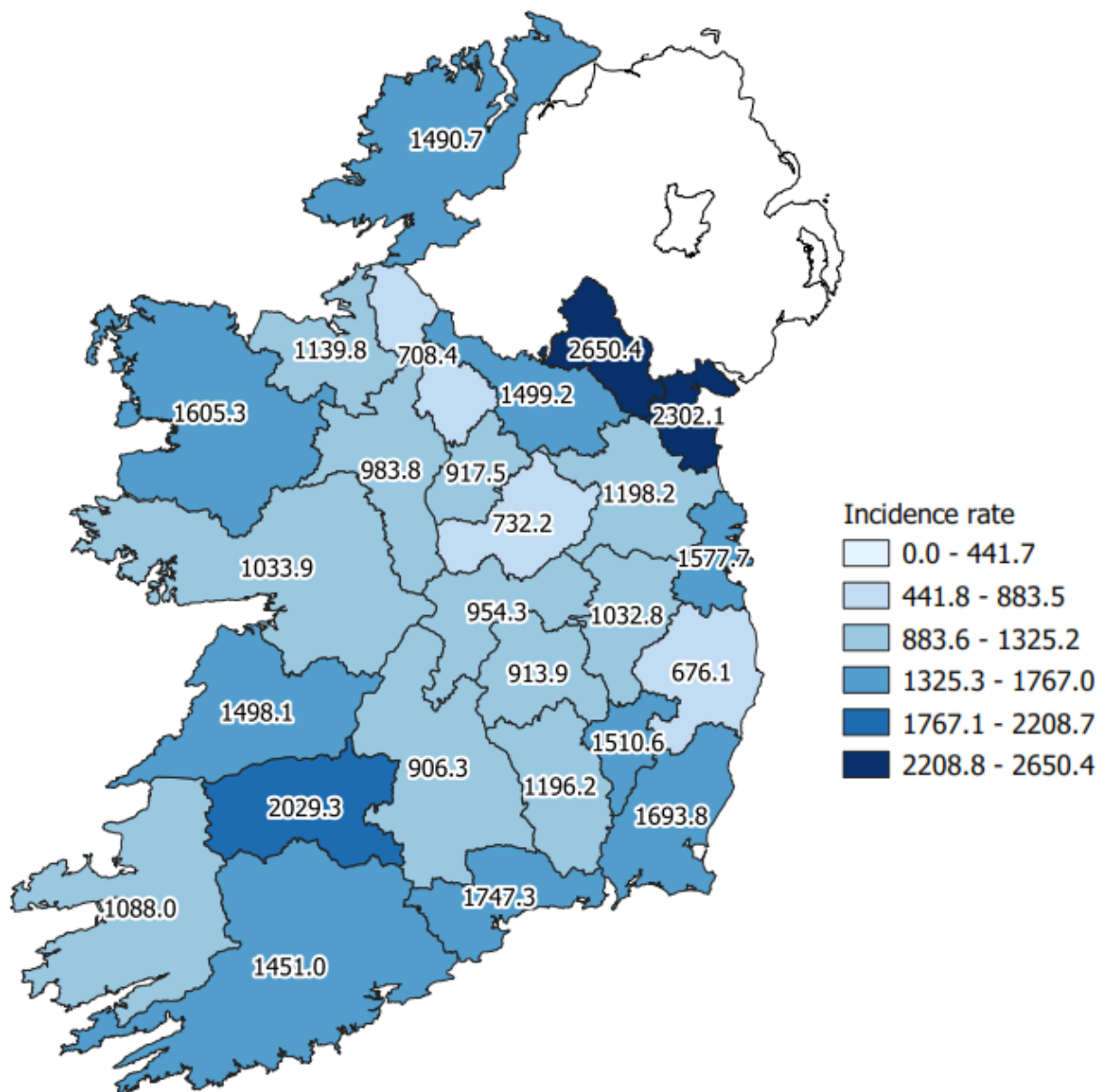


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 29/12/2020 and 11/01/2021

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 29/12/2020 and 11/01/2021

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	1448	1064.1
CCA2	Dublin South East	2869	2319.2
CCA3	Dublin South City	1852	1235.2
CCA4	Dublin South West	2384	1481.7
CCA5	Dublin West	2330	1499.9
CCA6	Dublin North West	3949	1901.6
CCA7	Dublin North Central	3036	1964.0
CCA8	Dublin North	3363	1297.7
	Unknown	26	
	Dublin	21257	1577.7

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.

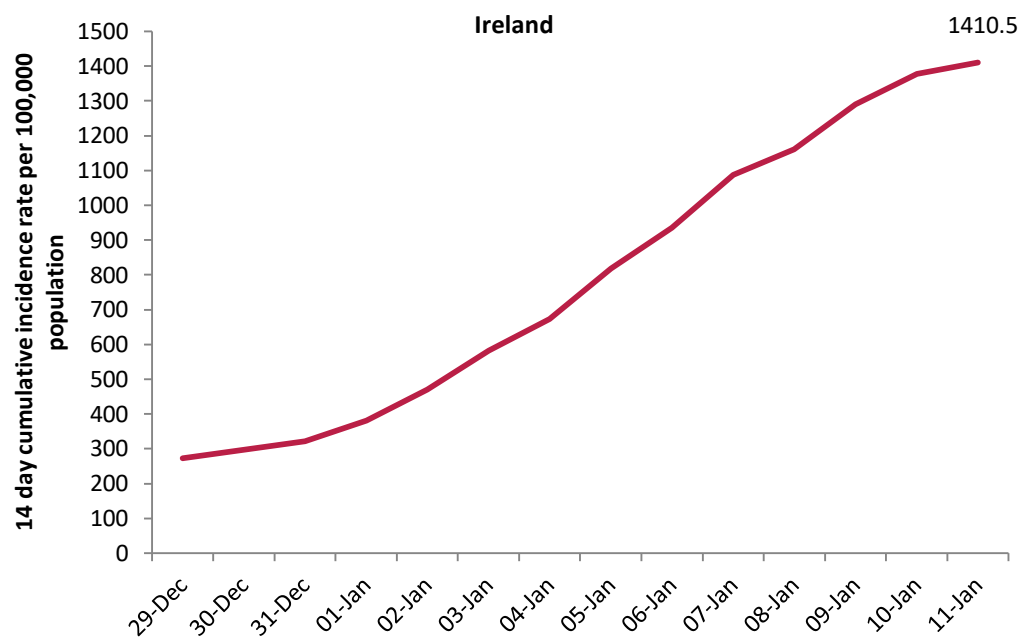


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (29/12/2020 to 11/01/2021)

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 29/12/2020 to midnight 11/01/2021 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	1367	23	1.35	1	1.05
5-12 yrs	2451	5	0.29	1	1.05
13-18 yrs	4121	23	1.35	1	1.05
19-24 yrs	9792	62	3.65	0	0
25-34 yrs	13145	134	7.89	3	3.16
35-44 yrs	10713	139	8.18	4	4.21
45-54 yrs	10063	168	9.89	14	14.74
55-64 yrs	8398	212	12.48	27	28.42
65-74 yrs	3815	310	18.25	28	29.47
75-84 yrs	2035	370	21.78	15	15.79
85+ yrs	1247	253	14.89	1	1.05
Unknown	10			0	0
Total	67,157	1699	100	95	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 09:46 on 12/01/2021. 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

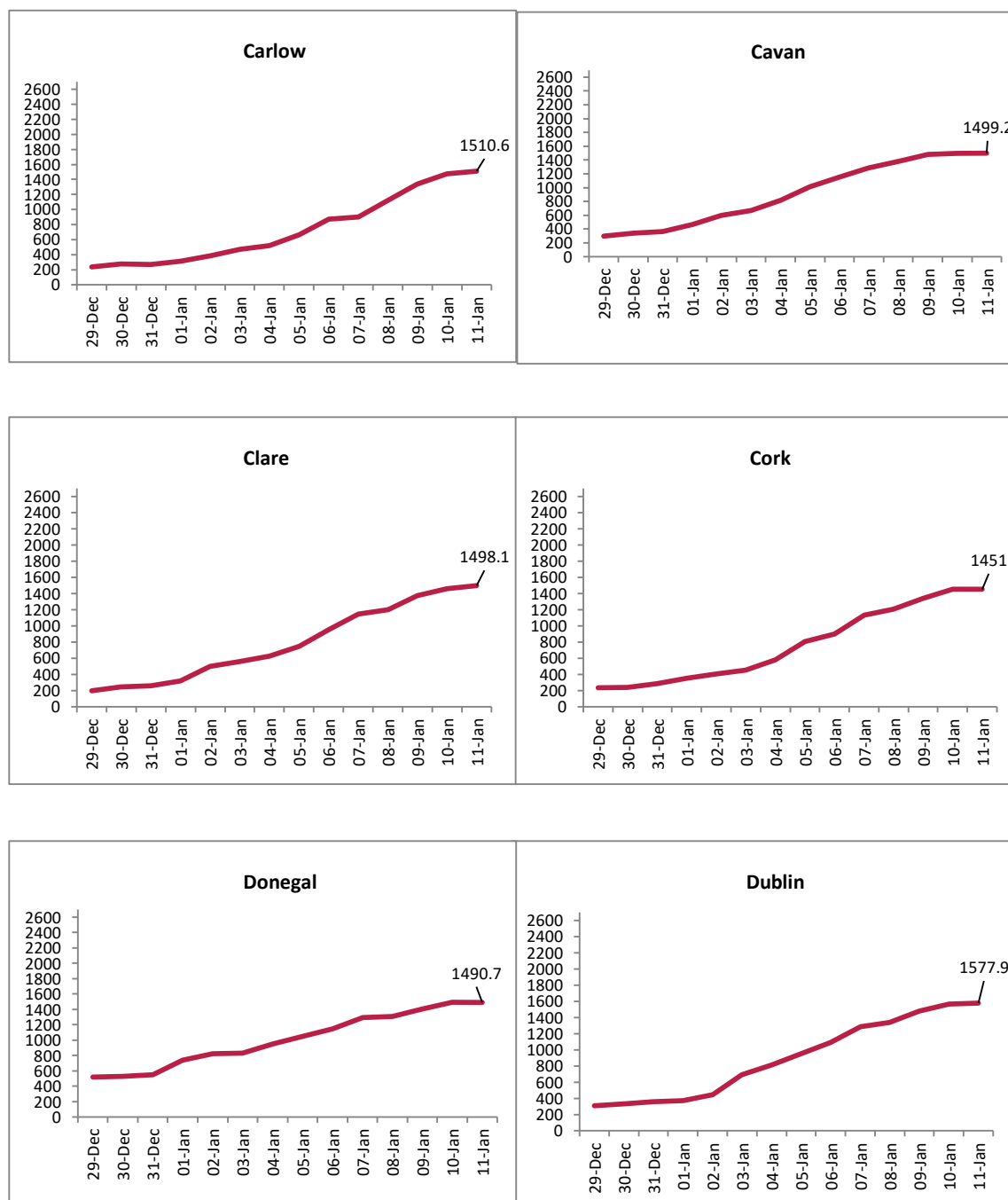
The counties covered by each HSE area are as follows:

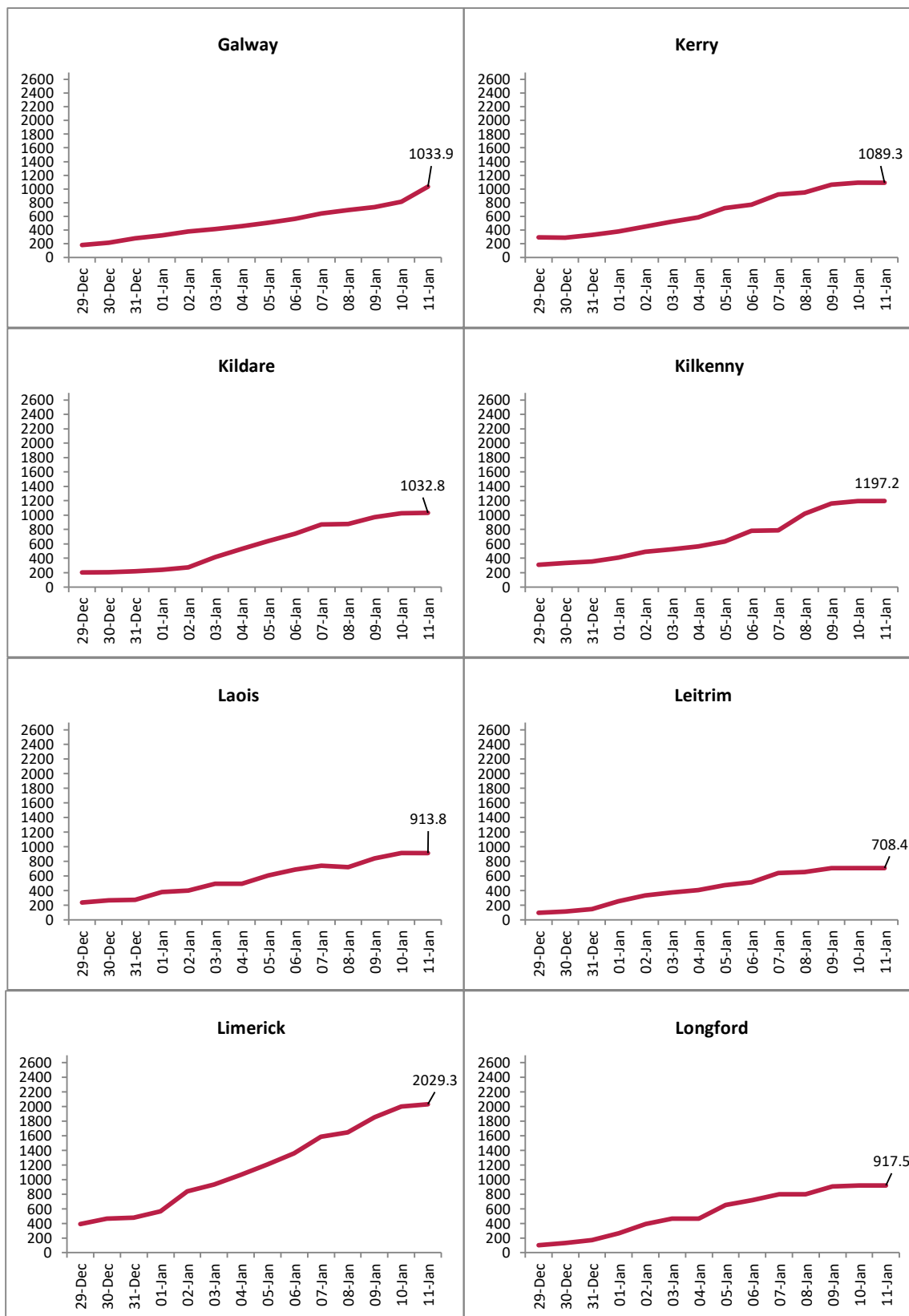
- HSE East (E): Dublin, Kildare & Wicklow;
- HSE Midlands (M): Laois, Longford, Offaly & Westmeath;
- HSE Midwest (MW): Clare, Limerick & N. Tipperary;
- HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;
- HSE Northwest (NW): Donegal, Leitrim & Sligo;
- HSE South (S): Kerry & Cork;
- HSE Southeast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

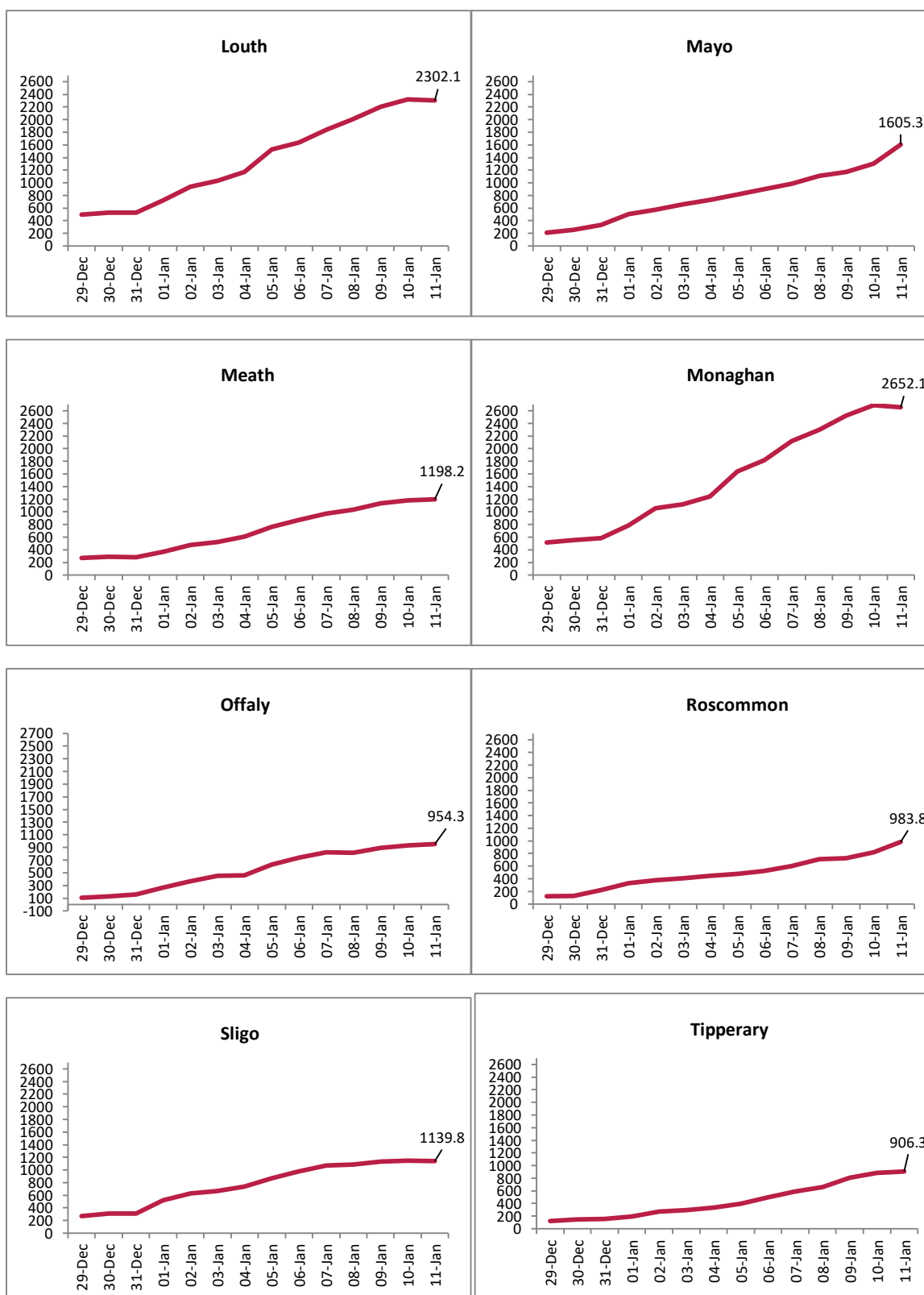
Other outbreak location includes community, extended family, hotel, public house, retail outlet, travel related and all other locations.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (29/12/2020 to 11/01/2021)







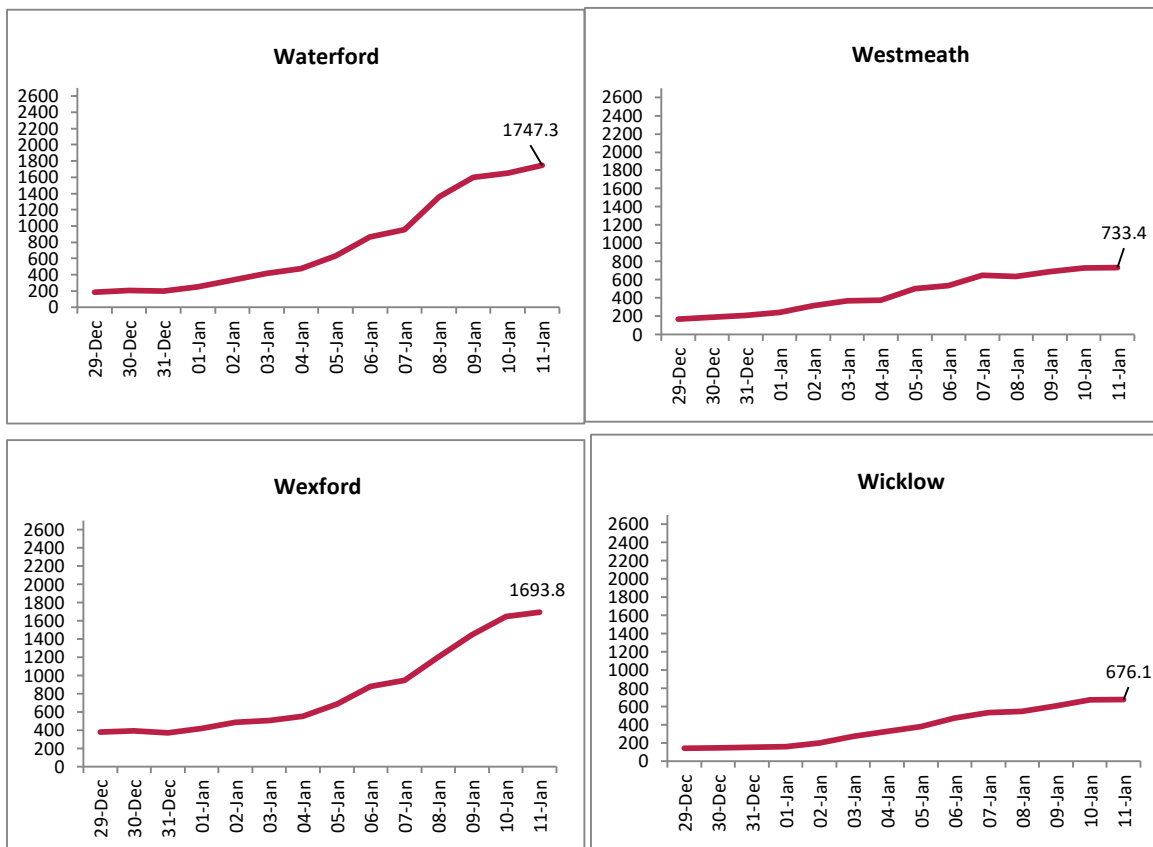


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (29/12/2020 to 11/01/2021)

