



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

Report prepared by HPSC on 06/01/2021

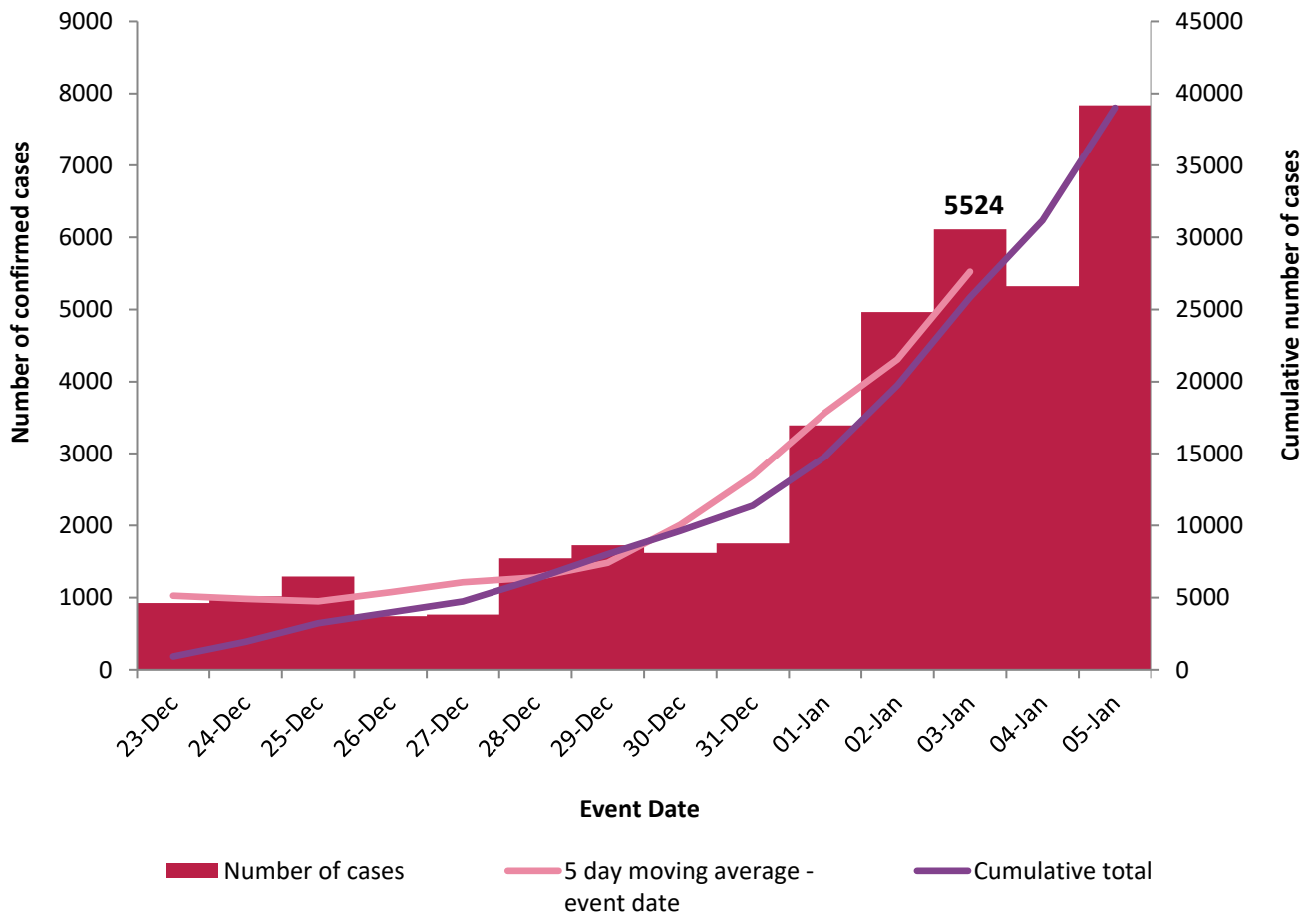
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 23/12/2020 up to midnight 05/01/2021

	Number	Percent
Total number of confirmed cases	39,005	
National incidence of confirmed cases per 100,000 population	819.11	
Number of cases hospitalised*	808	2.07
Number of cases admitted to ICU*	29	0.07
Number of deaths among confirmed cases	48	0.12
Case fatality ratio (CFR, %)	0.12	
National incidence of confirmed deaths per 100,000 population	1.01	
Males	18,881	48.41
Females	20,041	51.38
M:F ratio	0.94	
Median age (years)	35	
Mean age (years)	38	
Age range (years)	0 - 102	

\* 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: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:27 on 06/01/2021 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=39,005)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 23/12/2020 up to midnight on 05/01/2021**

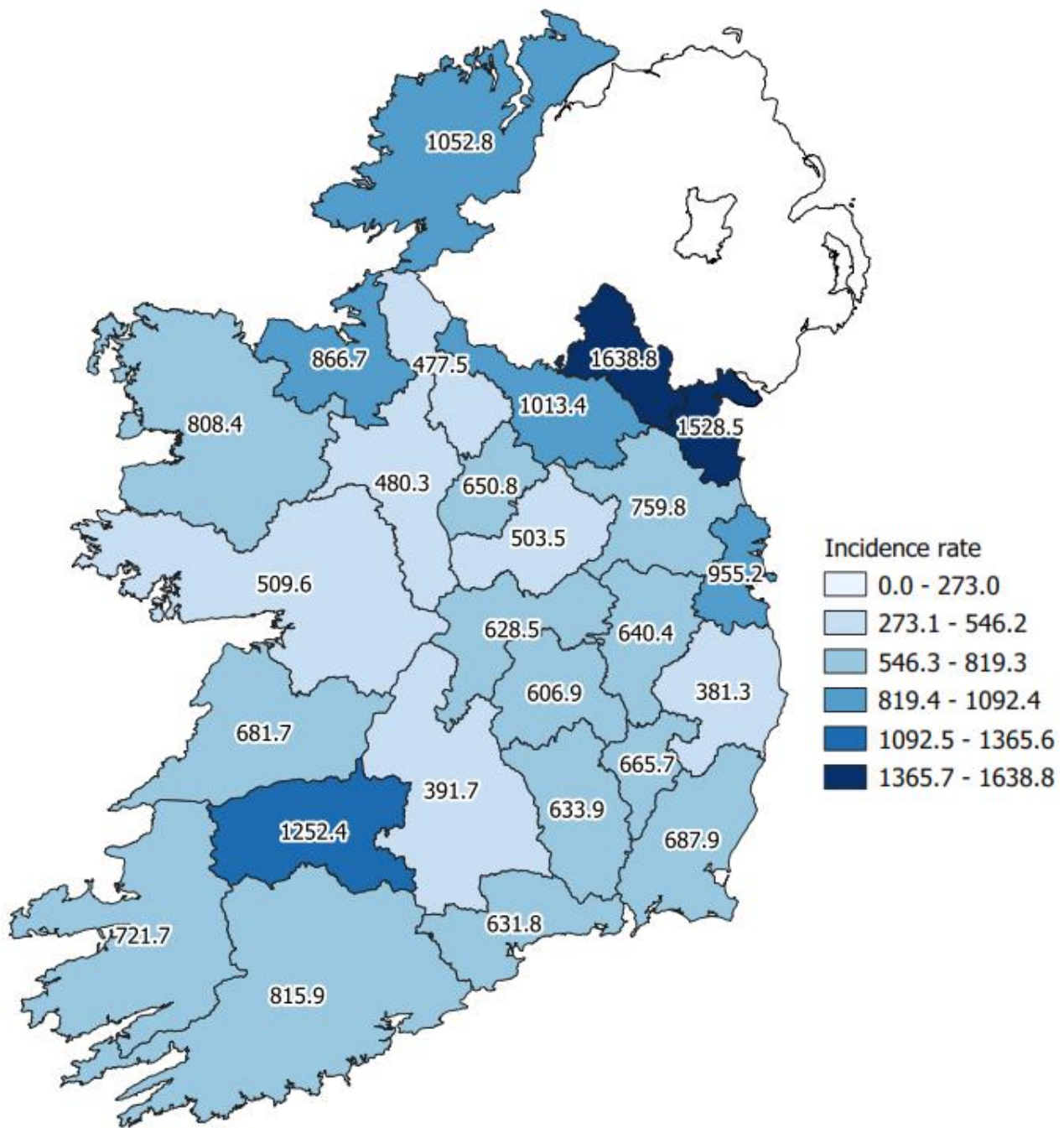
Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>39,005</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.94	
	Male	18,881	48.41
	Female	20,041	51.38
	Unknown	83	0.21
<b>Age</b>	Median age (years)	35	
	Mean age (years)	38	
	Age range (years)	0 - 102	
	0-4 yrs	927	2.38
	5-12 yrs	1,698	4.35
	13-18 yrs	2,375	6.09
	19-24 yrs	6,106	15.65
	25-34 yrs	7,913	20.29
	35-44 yrs	5,997	15.37
	45-54 yrs	5,583	14.31
	55-64 yrs	4,690	12.02
	65-74 yrs	2,076	5.32
	75-84 yrs	1,046	2.68
	85+ yrs	590	1.51
	Unknown	4	0.01

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 23/12/2020 to midnight 05/01/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	4,173	1066.5
CHO2	2680	591.5
CHO3	3591	932.7
CHO4	5,494	795.6
CHO5	3,009	589.6
CHO6	3392	885.2
CHO7	5,323	752.1
CHO8	5,200	839.7
CHO9	6,118	984.5
Unknown	25	
<b>Total</b>	<b>39,005</b>	<b>819.1</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 23/12/2020 to midnight 05/01/2021**

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1006	1638.8
Louth	1970	1528.5
Limerick	2441	1252.4
Donegal	1676	1052.8
Cavan	772	1013.4
Dublin	12870	955.2
Sligo	568	866.7
Cork	4429	815.9
Mayo	1055	808.4
Meath	1482	759.8
Kerry	1066	721.7
Wexford	1030	687.9
Clare	810	681.7
Carlow	379	665.7
Longford	266	650.8
Kildare	1425	640.4
Kilkenny	629	633.9
Waterford	734	631.8
Offaly	490	628.5
Laois	514	606.9
Galway	1315	509.6
Westmeath	447	503.5
Roscommon	310	480.3
Leitrim	153	477.5
Tipperary	625	391.7
Wicklow	543	381.3
<b>Total</b>	<b>39,005</b>	<b>819.1</b>



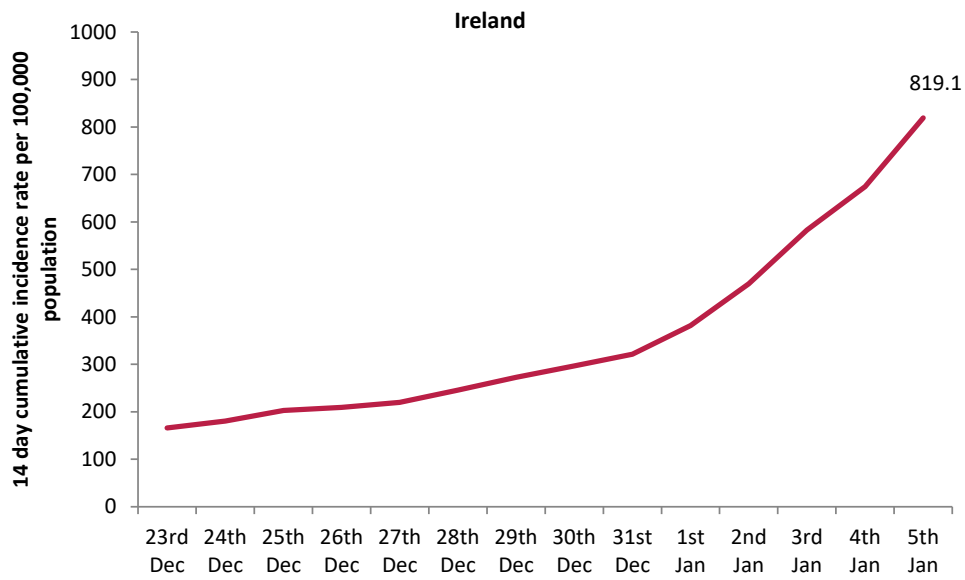
**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 23/12/2020 and 05/01/2021**

*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 23/12/2020 and 05/01/2021**

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	916	673.2
CCA2	Dublin South East	1949	1575.5
CCA3	Dublin South City	1190	793.7
CCA4	Dublin South West	1428	887.5
CCA5	Dublin West	1265	814.3
CCA6	Dublin North West	2211	1064.7
CCA7	Dublin North Central	1954	1264.0
CCA8	Dublin North	1953	753.6
	Unknown	4	
	<b>Dublin</b>	<b>12,870</b>	<b>955.2</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 (23/12/2020 to 05/01/2021)**

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 23/12/2020 to midnight 05/01/2021 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	927	8	0.99	0	0
5-12 yrs	1698	7	0.87	0	0
13-18 yrs	2375	16	1.98	1	3.45
19-24 yrs	6106	39	4.83	0	0
25-34 yrs	7913	85	10.52	3	10.34
35-44 yrs	5997	68	8.42	0	0
45-54 yrs	5583	86	10.64	2	6.90
55-64 yrs	4690	85	10.52	7	24.14
65-74 yrs	2076	130	16.09	10	34.48
75-84 yrs	1046	165	20.42	6	20.69
85+ yrs	590	119	14.73	0	0
Unknown	4	0	0	0	0
<b>Total</b>	<b>39,005</b>	<b>808</b>	<b>100</b>	<b>29</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



## **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 09:27 on 06/01/2021. 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.

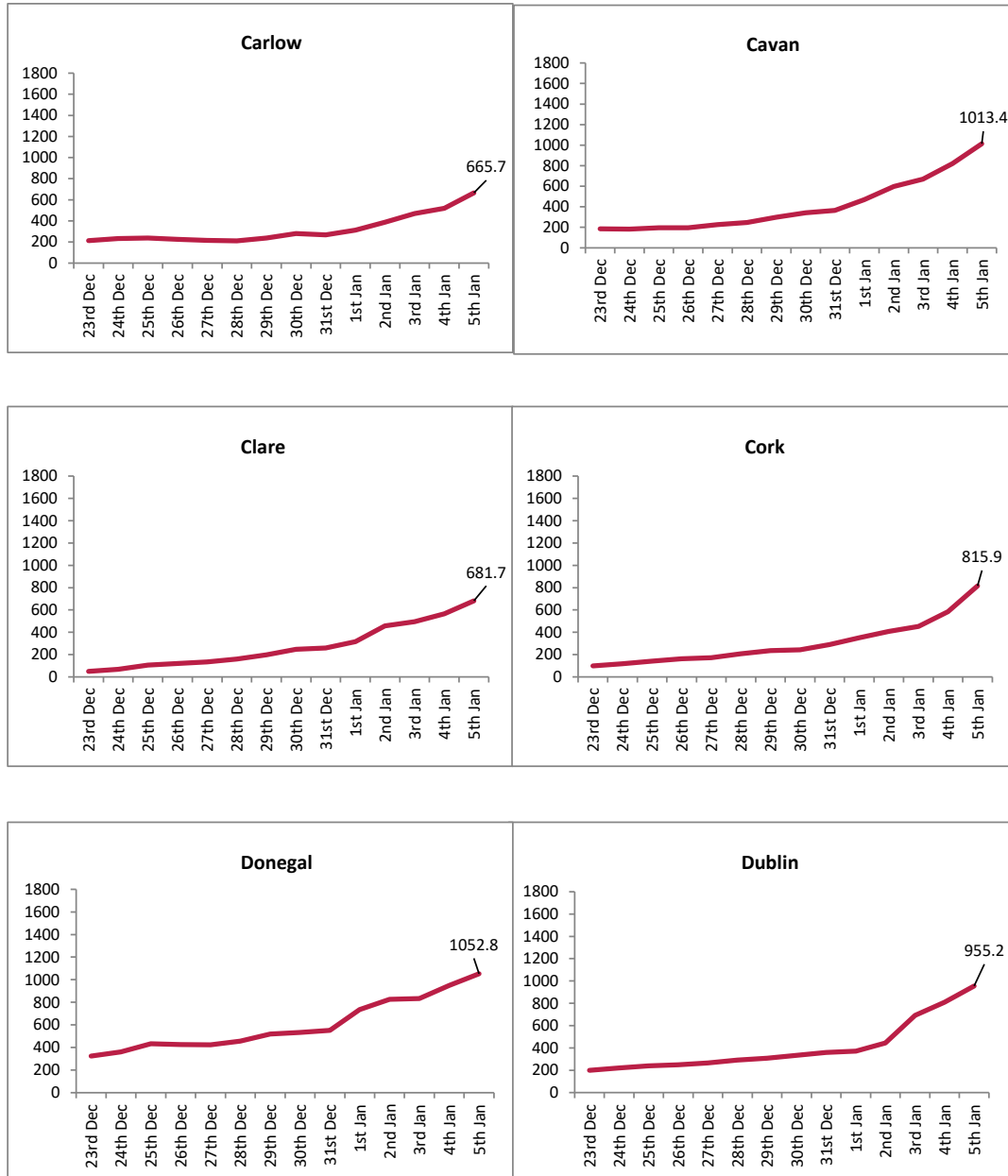
### 5. Outbreak location

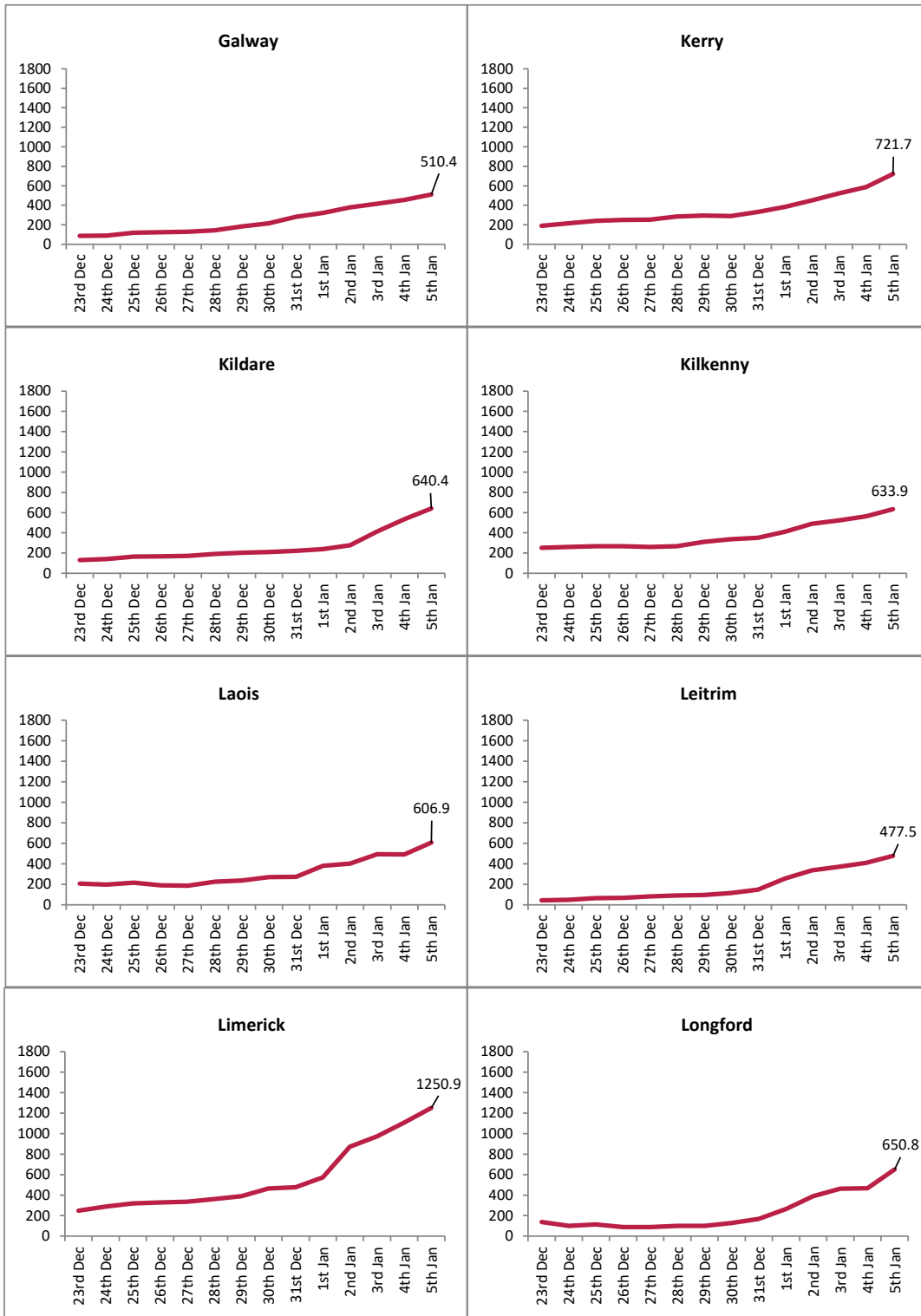
Where an outbreak location is reported as a residential facility (RF) this includes nursing homes, community hospitals, long-stay units and residential institutions including mental health facilities, prisons and direct provision centres.

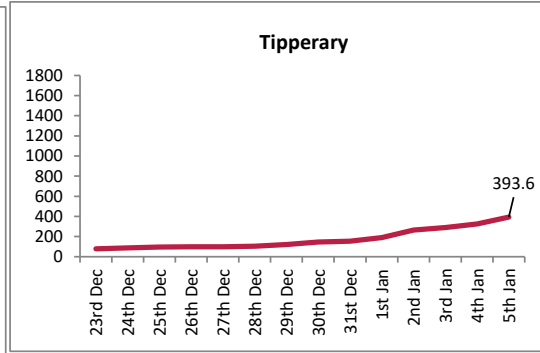
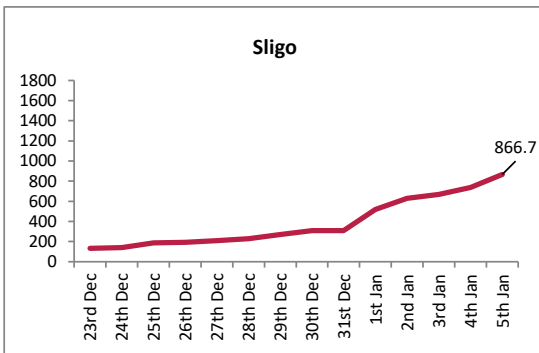
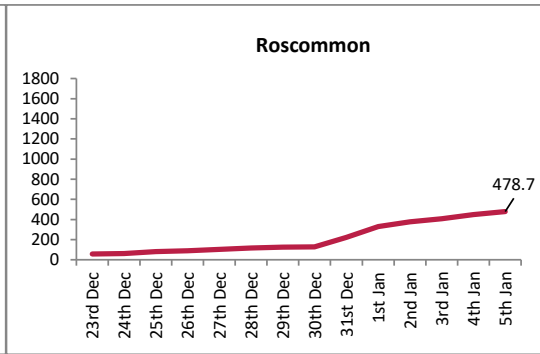
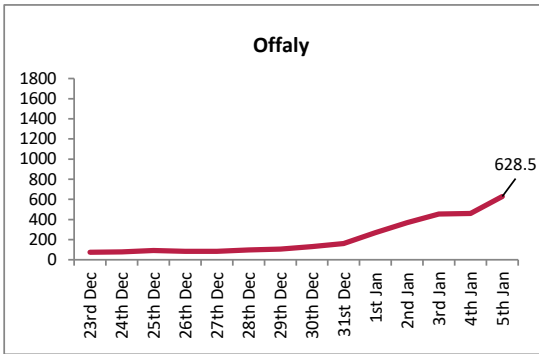
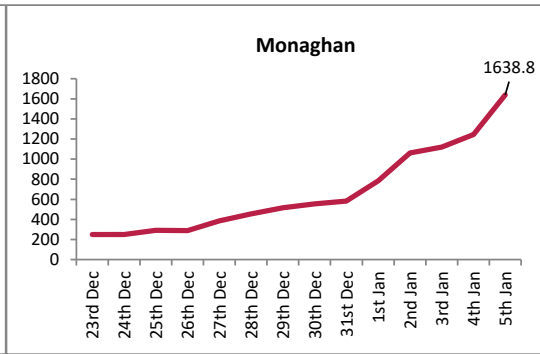
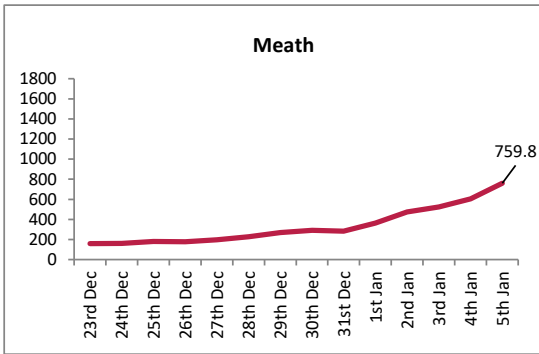
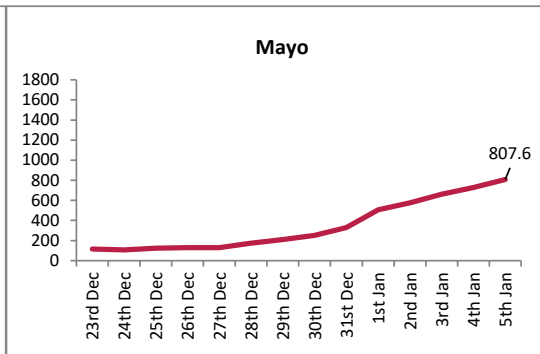
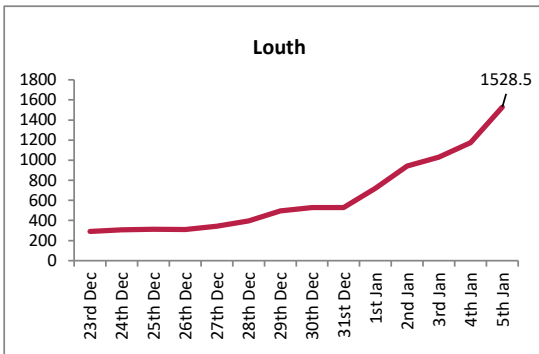
Other outbreak location includes community, extended family, hotel, public house, retail outlet, travel related and all other locations.

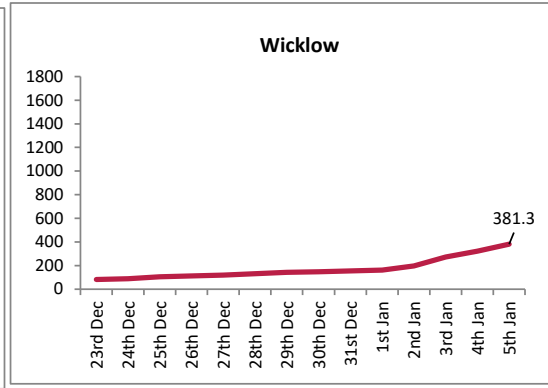
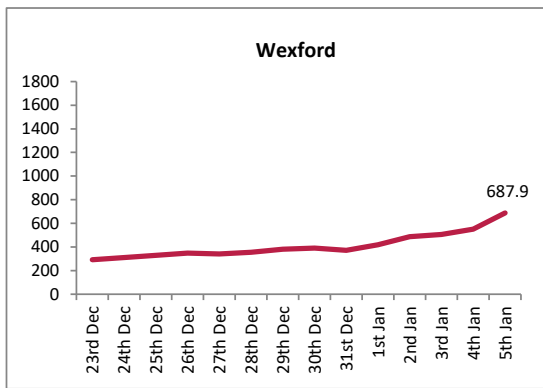
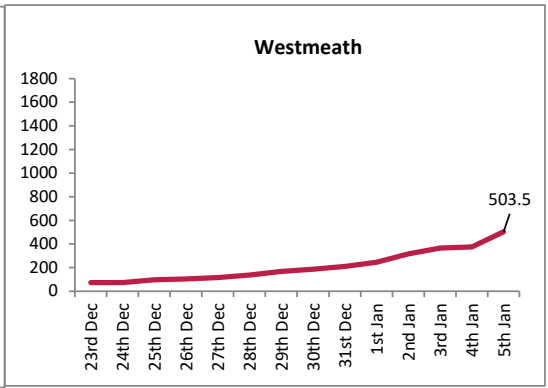
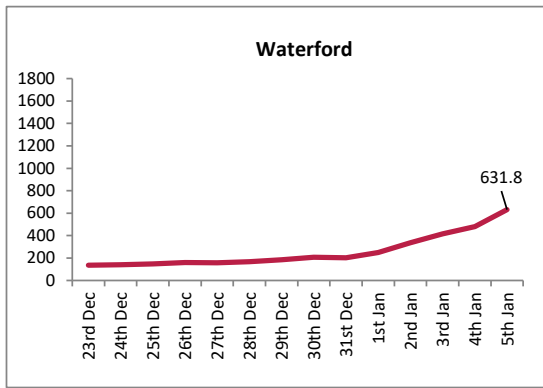
## Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (23/12/2020 to 05/01/2021)









**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (23/12/2020 to 05/01/2021)**

