



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

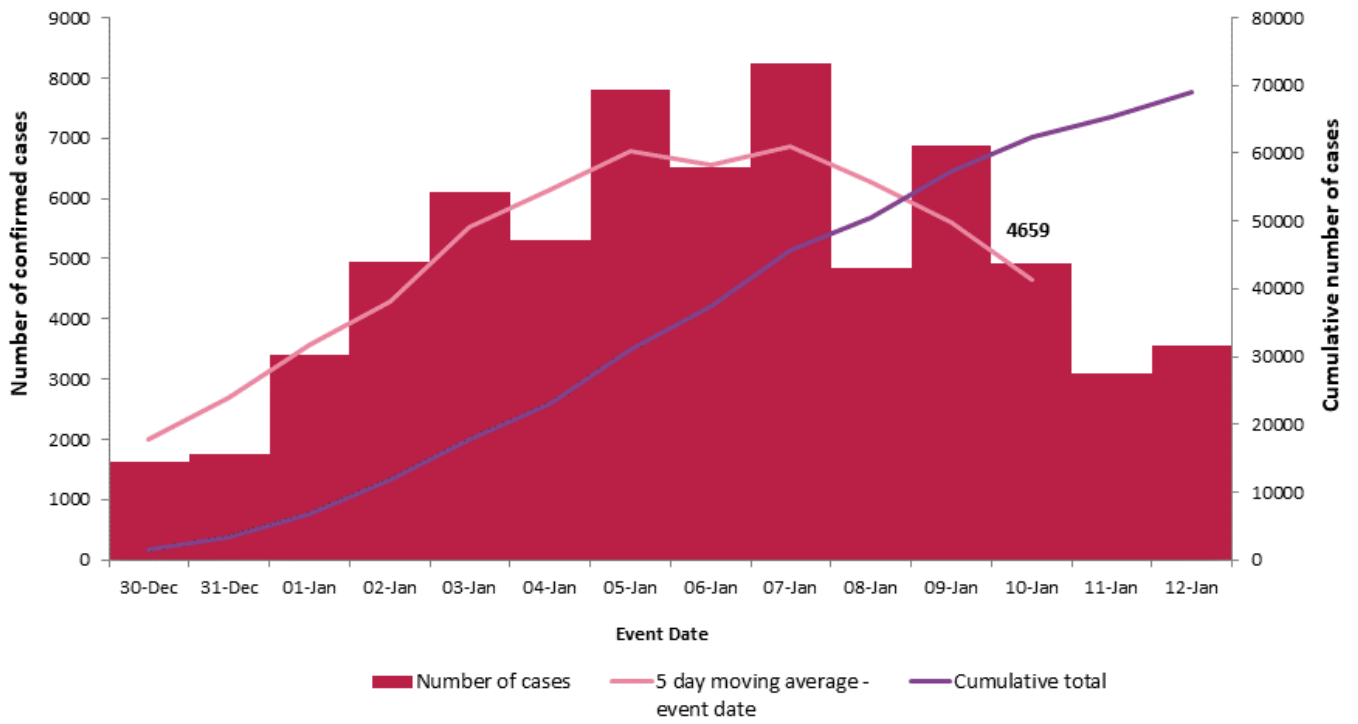
Report prepared by HPSC on 13/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 30/12/2020 up to midnight 12/01/2021

	Number	Percent
Total number of confirmed cases	68,990	
National incidence of confirmed cases per 100,000 population	1,448.8	
Number of cases hospitalised*	1,882	2.73
Number of cases admitted to ICU*	109	0.16
Number of deaths among confirmed cases	143	0.21
Case fatality ratio (CFR, %)	0.21	
National incidence of confirmed deaths per 100,000 population	3	
Males	32,667	47.35
Females	36,239	52.53
M:F ratio	0.9	
Median age (years)	37	
Mean age (years)	40	
Age range (years)	0 - 104	

Note 1: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 14:38 on 13/01/2021 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=68,990)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 30/12/2020 up to midnight on 12/01/2021**

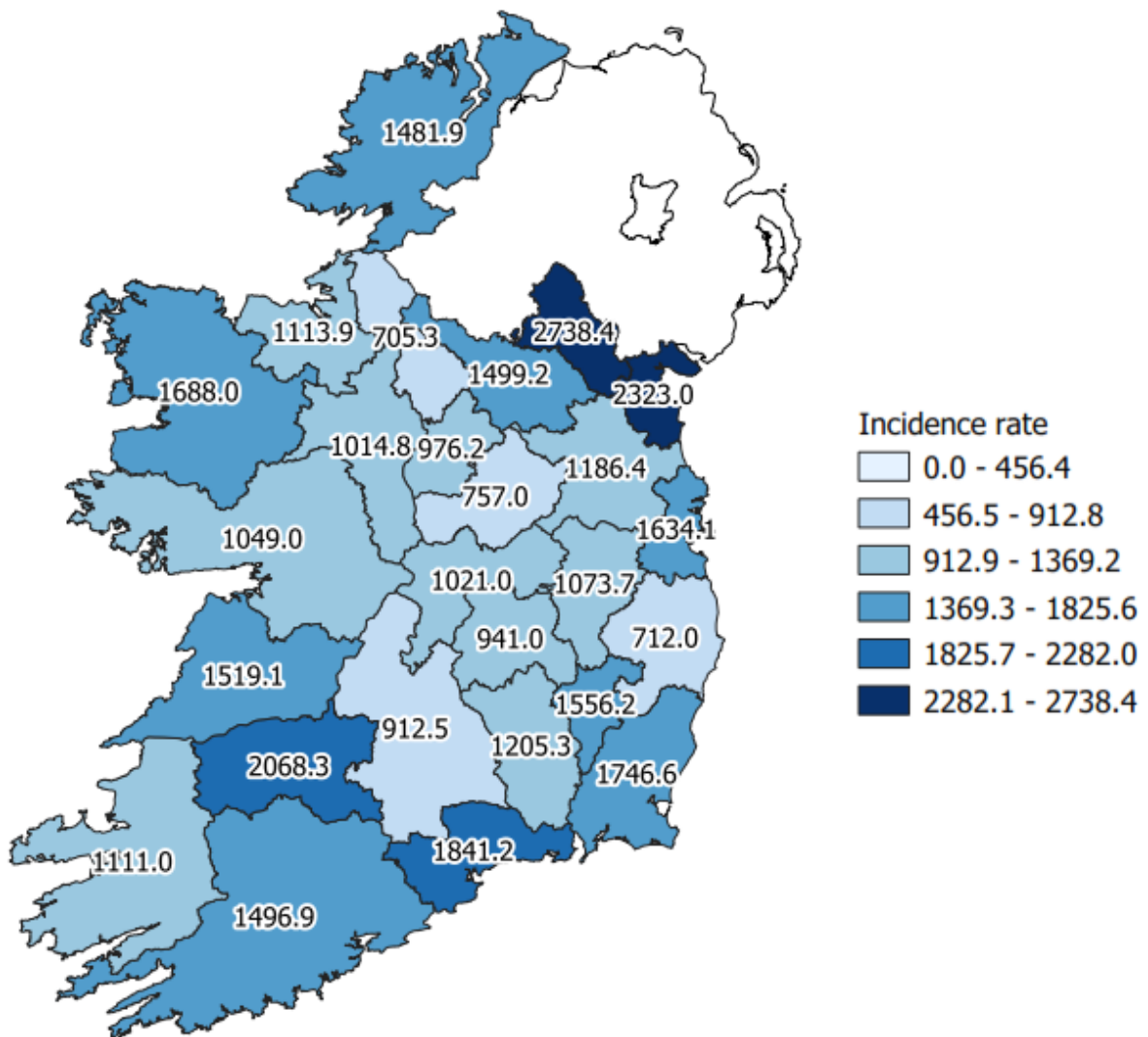
Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>68,990</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.9	
	Male	32,667	47.35
	Female	36,239	52.53
	Unknown	84	0.12
<b>Age</b>	Median age (years)	37	
	Mean age (years)	40	
	Age range (years)	0 - 104	
	0-4 yrs	1,387	2.01
	5-12 yrs	2,487	3.6
	13-18 yrs	4,216	6.11
	19-24 yrs	9,833	14.25
	25-34 yrs	13,421	19.45
	35-44 yrs	11,025	15.98
	45-54 yrs	10,468	15.17
	55-64 yrs	8,683	12.59
	65-74 yrs	3,963	5.74
	75-84 yrs	2,158	3.13
	85+ yrs	1,339	1.94
	Unknown	10	0.01

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 30/12/2020 to midnight 12/01/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	6,128	1566.1
CHO2	5565	1228.2
CHO3	6484	1684.2
CHO4	9,766	1414.2
CHO5	7,602	1489.6
CHO6	5458	1424.4
CHO7	9,217	1302.4
CHO8	8,011	1293.6
CHO9	10,727	1726.2
Unknown	32	
<b>Total</b>	<b>68,990</b>	<b>1448.8</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 30/12/2020 to midnight 12/01/2021**

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1681	2738.4
Louth	2994	2323.0
Limerick	4031	2068.3
Waterford	2139	1841.2
Wexford	2615	1746.6
Mayo	2203	1688.0
Dublin	22017	1634.1
Carlow	886	1556.2
Clare	1805	1519.1
Cavan	1142	1499.2
Cork	8126	1496.9
Donegal	2359	1481.9
Kilkenny	1196	1205.3
Meath	2314	1186.4
Sligo	730	1113.9
Kerry	1641	1111.0
Kildare	2389	1073.7
Galway	2707	1049.0
Offaly	796	1021.0
Roscommon	655	1014.8
Longford	399	976.2
Laois	797	941.0
Tipperary	1456	912.5
Westmeath	672	757.0
Wicklow	1014	712.0
Leitrim	226	705.3
<b>Total</b>	<b>68,990</b>	<b>1448.8</b>



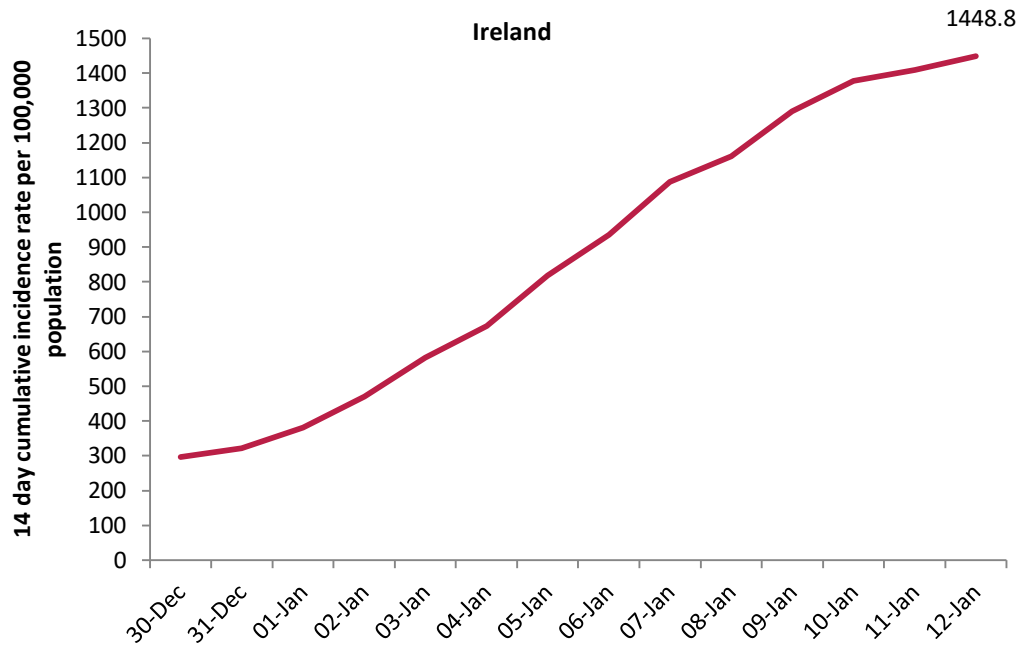
**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 30/12/2020 and 12/01/2021**

*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 30/12/2020 and 12/01/2020**

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	1504	1105.3
CCA2	Dublin South East	2965	2396.9
CCA3	Dublin South City	1908	1272.6
CCA4	Dublin South West	2465	1532.0
CCA5	Dublin West	2430	1564.3
CCA6	Dublin North West	4090	1969.5
CCA7	Dublin North Central	3146	2035.2
CCA8	Dublin North	3491	1347.1
	Unknown	18	
	<b>Dublin</b>	<b>22017</b>	<b>1634.1</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 (30/12/2020 to 12/01/2021)**

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 30/12/2020 to midnight 12/01/2021 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	1387	22	1.17	1	0.92
5-12 yrs	2487	6	0.32	0	0
13-18 yrs	4216	27	1.43	1	0.92
19-24 yrs	9833	64	3.40	0	0
25-34 yrs	13421	141	7.49	3	2.75
35-44 yrs	11025	147	7.81	4	3.67
45-54 yrs	10468	186	9.88	17	15.60
55-64 yrs	8683	239	12.70	28	25.69
65-74 yrs	3963	357	18.97	35	32.11
75-84 yrs	2158	411	21.84	19	17.43
85+ yrs	1339	282	14.98	1	0.92
Unknown	10			0	0
<b>Total</b>	<b>68,990</b>	<b>1882</b>	<b>100</b>	<b>109</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 14:38 on 13/01/2021. 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  $\geq 85$  years.

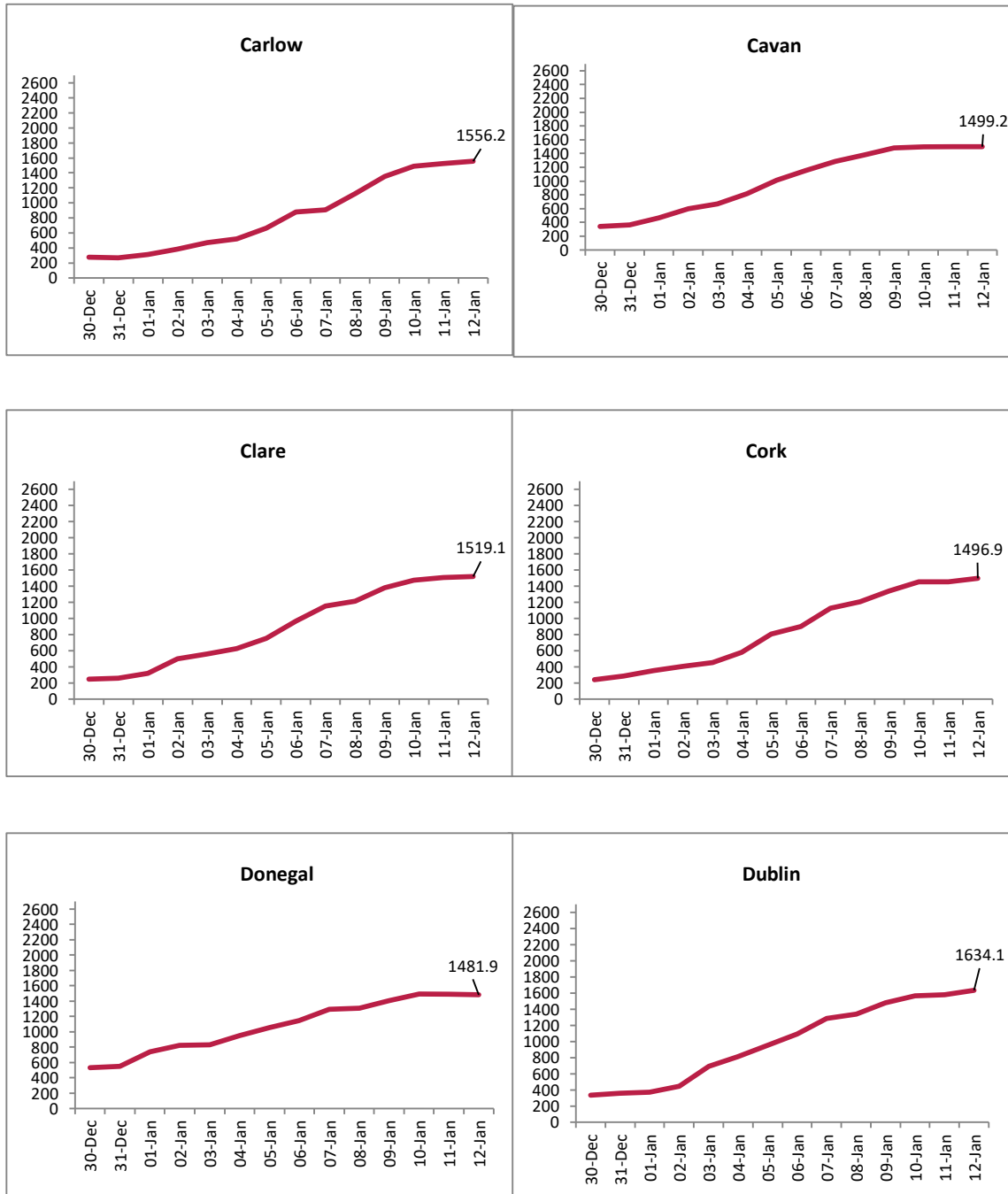
### 3. HSE areas

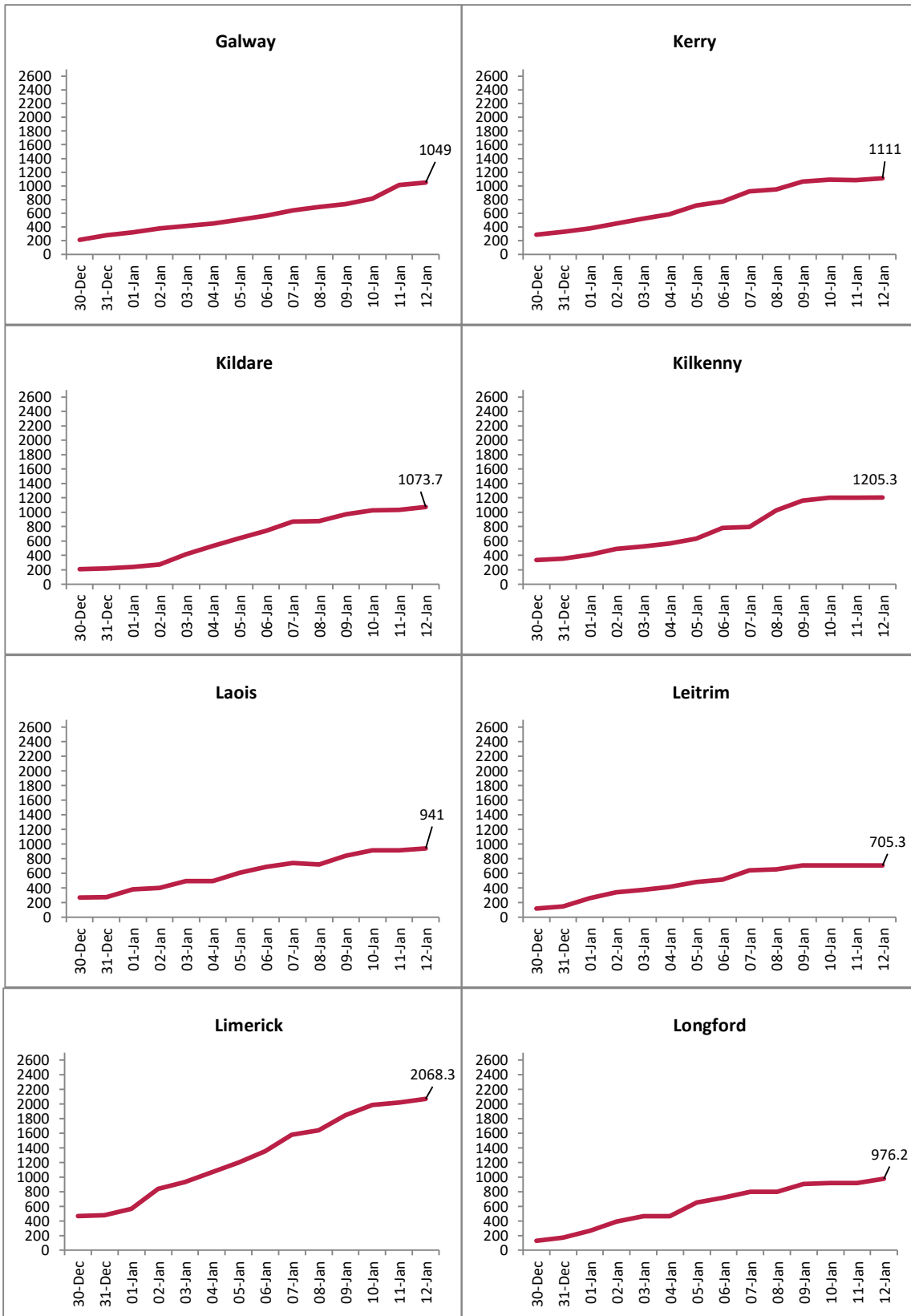
The counties covered by each HSE area are as follows:

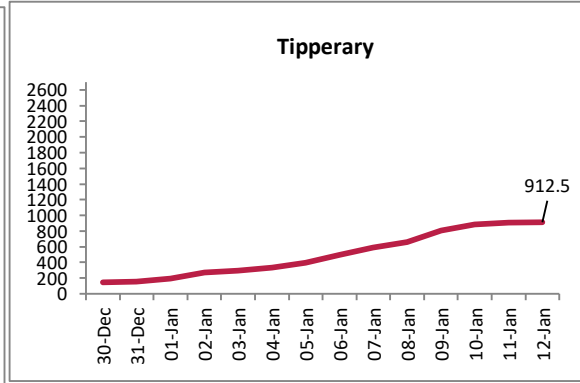
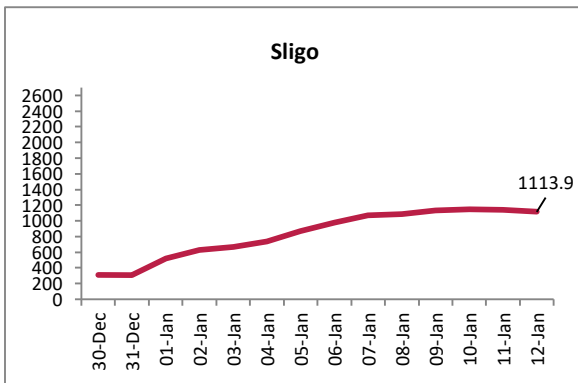
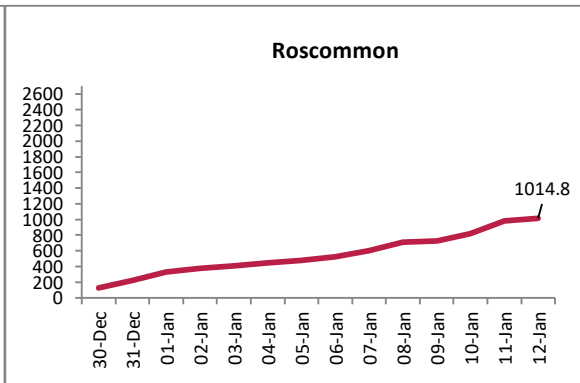
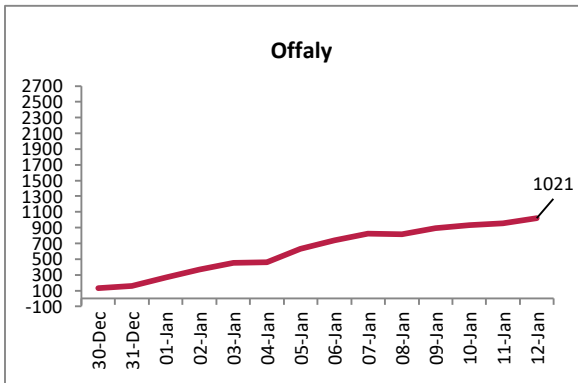
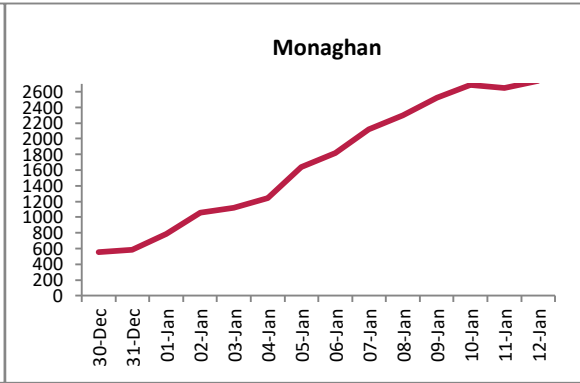
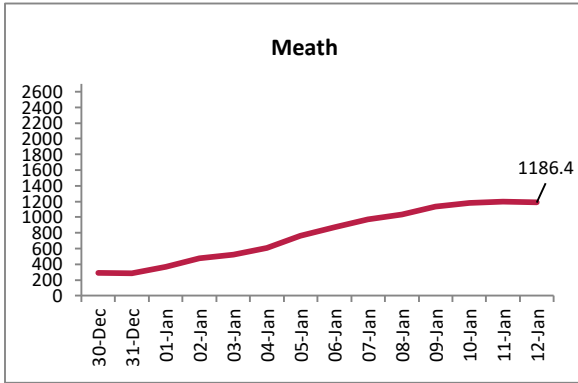
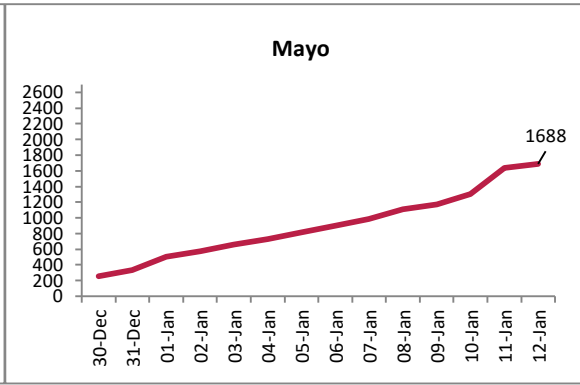
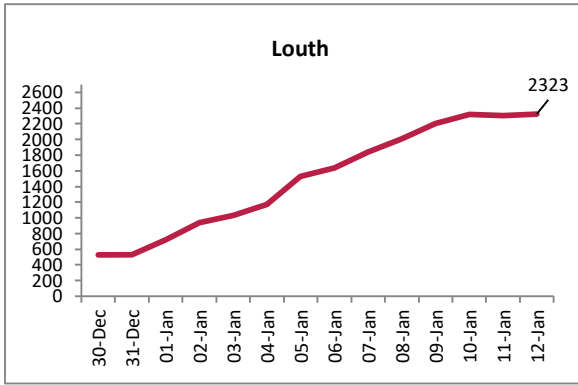
HSE East (E): Dublin, Kildare & Wicklow;  
HSE Midlands (M): Laois, Longford, Offaly & Westmeath;  
HSE Midwest (MW): Clare, Limerick & N. Tipperary;  
HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;  
HSE Northwest (NW): Donegal, Leitrim & Sligo;  
HSE South (S): Kerry & Cork;  
HSE Southeast (SE):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

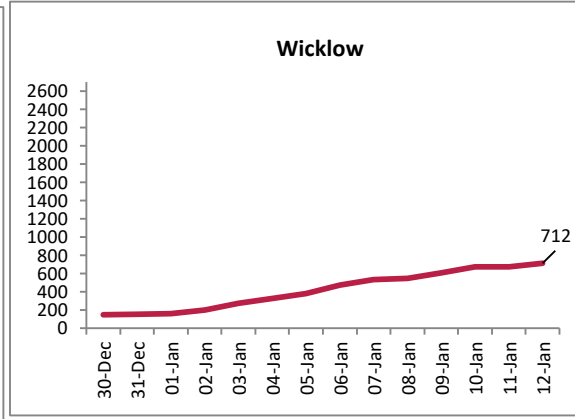
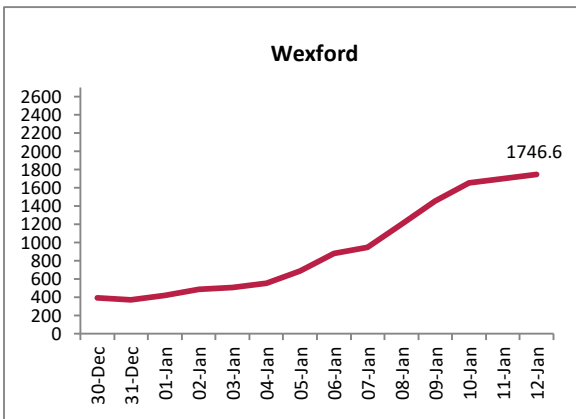
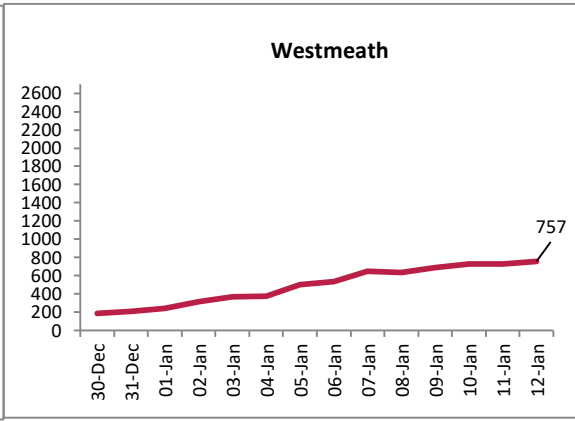
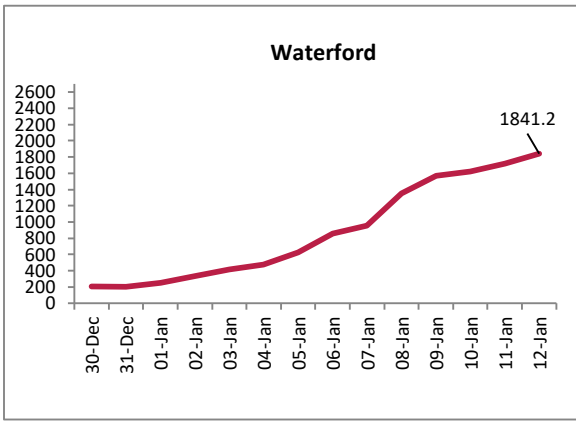
## Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (30/12/2020 to 12/01/2021)









**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (30/12/2020 to 12/01/2021)**

