



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

Report prepared by HPSC on 14/01/2021

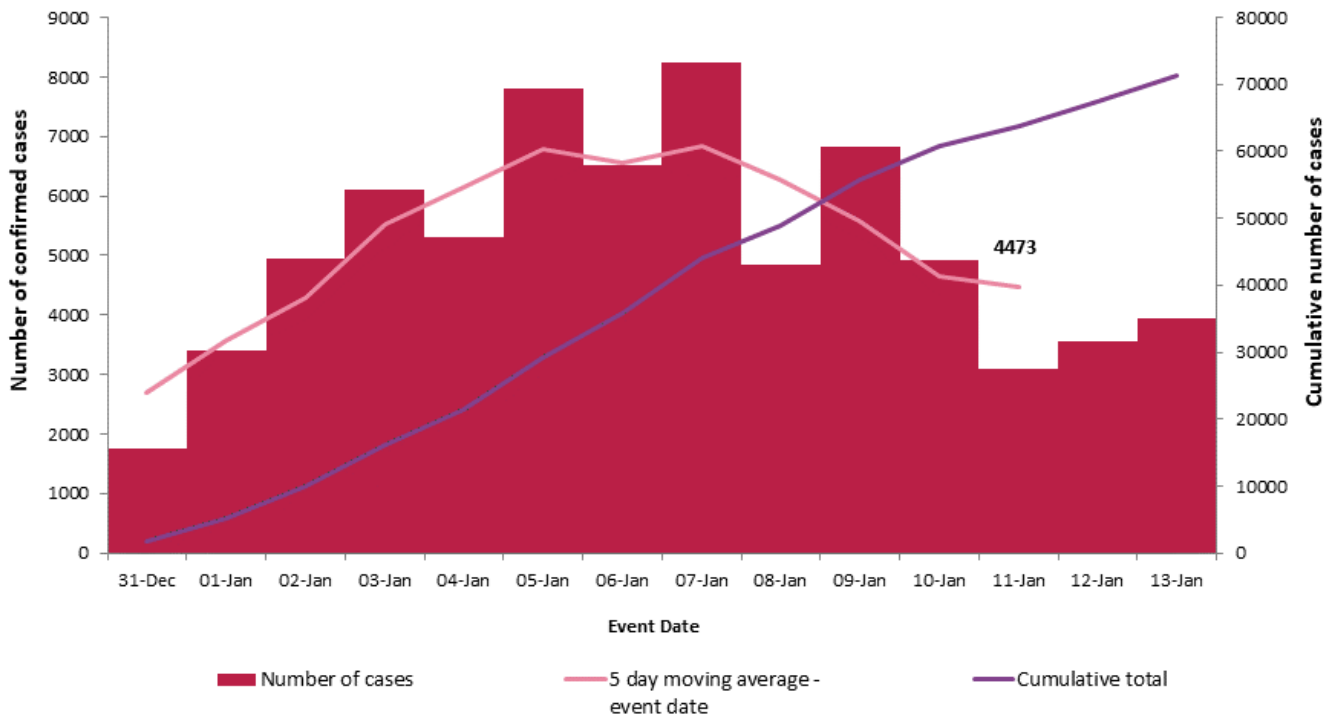
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 31/12/2020 up to midnight 13/01/2021

	Number	Percent
Total number of confirmed cases	71,286	
National incidence of confirmed cases per 100,000 population	1,497.02	
Number of cases hospitalised*	2,124	2.98
Number of cases admitted to ICU*	116	0.16
Number of deaths among confirmed cases	165	0.23
Case fatality ratio (CFR, %)	0.23	
National incidence of confirmed deaths per 100,000 population	3.47	
Males	33,695	47.27
Females	37,526	52.64
M:F ratio	0.9	
Median age (years)	38	
Mean age (years)	40	
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 09:38 on 14/01/2021 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=71,286)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 31/12/2020 up to midnight on 13/01/2021**

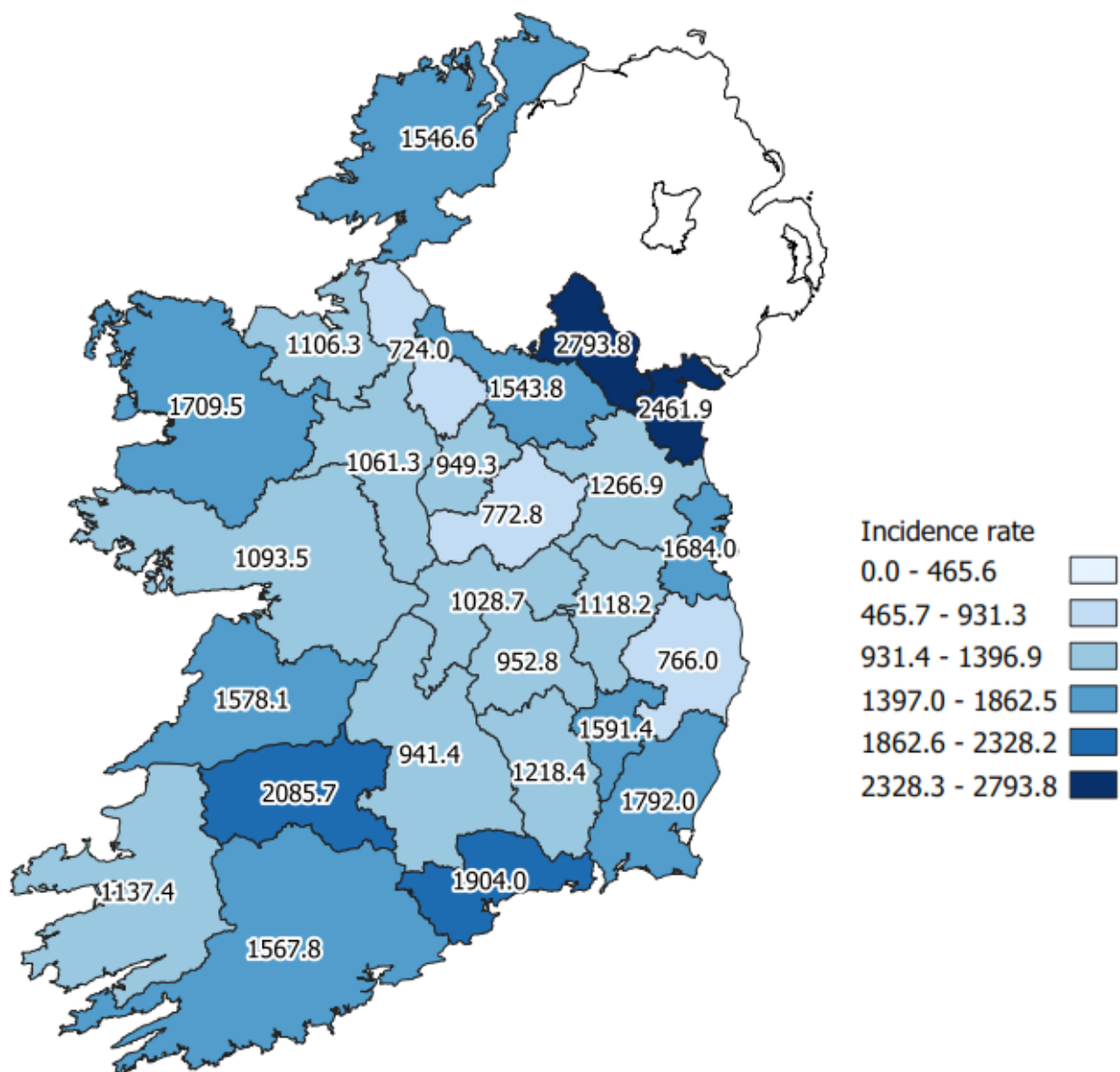
Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>71,286</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.9	
	Male	33,695	47.27
	Female	37,526	52.64
	Unknown	65	0.09
<b>Age</b>	Median age (years)	38	
	Mean age (years)	40	
	Age range (years)	0 - 104	
	0-4 yrs	1,425	2
	5-12 yrs	2,543	3.57
	13-18 yrs	4,330	6.07
	19-24 yrs	9,935	13.94
	25-34 yrs	13,709	19.23
	35-44 yrs	11,481	16.11
	45-54 yrs	10,899	15.29
	55-64 yrs	9,028	12.66
	65-74 yrs	4,113	5.77
	75-84 yrs	2,350	3.3
	85+ yrs	1,464	2.05
	Unknown	9	0.01

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 31/12/2020 to midnight 13/01/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	6,305	1611.4
CHO2	5738	1266.4
CHO3	6596	1713.3
CHO4	10,191	1475.7
CHO5	7,828	1533.9
CHO6	5636	1470.9
CHO7	9,577	1353.2
CHO8	8,359	1349.8
CHO9	11,036	1776.0
Unknown	20	
<b>Total</b>	<b>71,286</b>	<b>1497.0</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 31/12/2020 to midnight 13/01/2021**

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1715	2793.8
Louth	3173	2461.9
Limerick	4065	2085.7
Waterford	2212	1904.0
Wexford	2683	1792.0
Mayo	2231	1709.5
Dublin	22689	1684.0
Carlow	906	1591.4
Clare	1875	1578.1
Cork	8511	1567.8
Donegal	2462	1546.6
Cavan	1176	1543.8
Meath	2471	1266.9
Kilkenny	1209	1218.4
Kerry	1680	1137.4
Kildare	2488	1118.2
Sligo	725	1106.3
Galway	2822	1093.6
Roscommon	685	1061.3
Offaly	802	1028.7
Laois	807	952.8
Longford	388	949.3
Tipperary	1502	941.4
Westmeath	686	772.8
Wicklow	1091	766.0
Leitrim	232	724.0
<b>Total</b>	<b>71,286</b>	<b>1497.0</b>



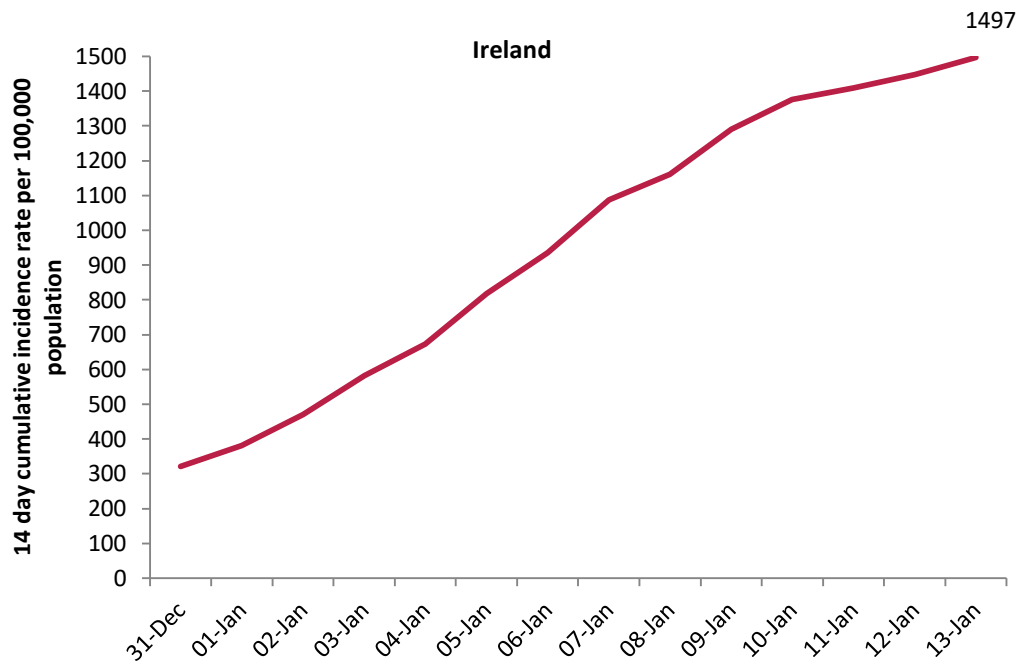
**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 31/12/2020 and 13/01/2021**

*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 31/12/2020 and 13/01/2021**

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	1531	1125.1
CCA2	Dublin South East	3044	2460.7
CCA3	Dublin South City	1972	1315.2
CCA4	Dublin South West	2544	1581.1
CCA5	Dublin West	2545	1638.3
CCA6	Dublin North West	4221	2032.6
CCA7	Dublin North Central	3216	2080.4
CCA8	Dublin North	3599	1388.8
	Unknown	17	
	<b>Dublin</b>	<b>22689</b>	<b>1684.0</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 (31/12/2020 to 13/01/2021)**

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 31/12/2020 to midnight 13/01/2021 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	1425	23	1.08	1	0.86
5-12 yrs	2543	7	0.33	0	0
13-18 yrs	4330	28	1.32	1	0.86
19-24 yrs	9935	71	3.34	0	0
25-34 yrs	13709	155	7.30	2	1.72
35-44 yrs	11481	163	7.67	6	5.17
45-54 yrs	10899	214	10.08	20	17.24
55-64 yrs	9028	275	12.95	28	24.14
65-74 yrs	4113	402	18.93	37	31.90
75-84 yrs	2350	477	22.46	18	15.52
85+ yrs	1464	309	14.55	3	2.59
Unknown	9			0	0
<b>Total</b>	<b>71,286</b>	<b>2124</b>	<b>100</b>	<b>116</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 09:38 on 14/01/2021. 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;

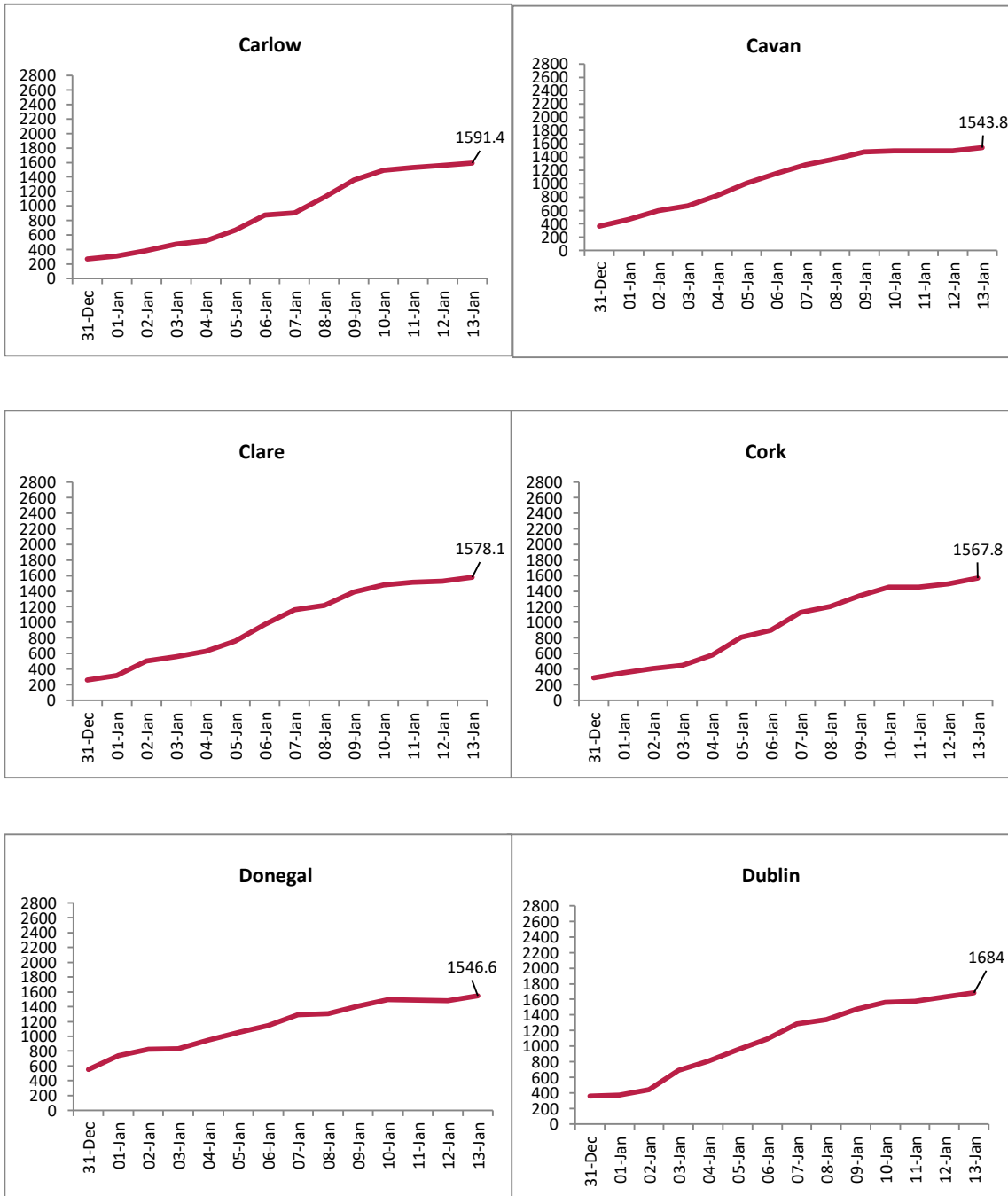
HSE South (S): Kerry & Cork;

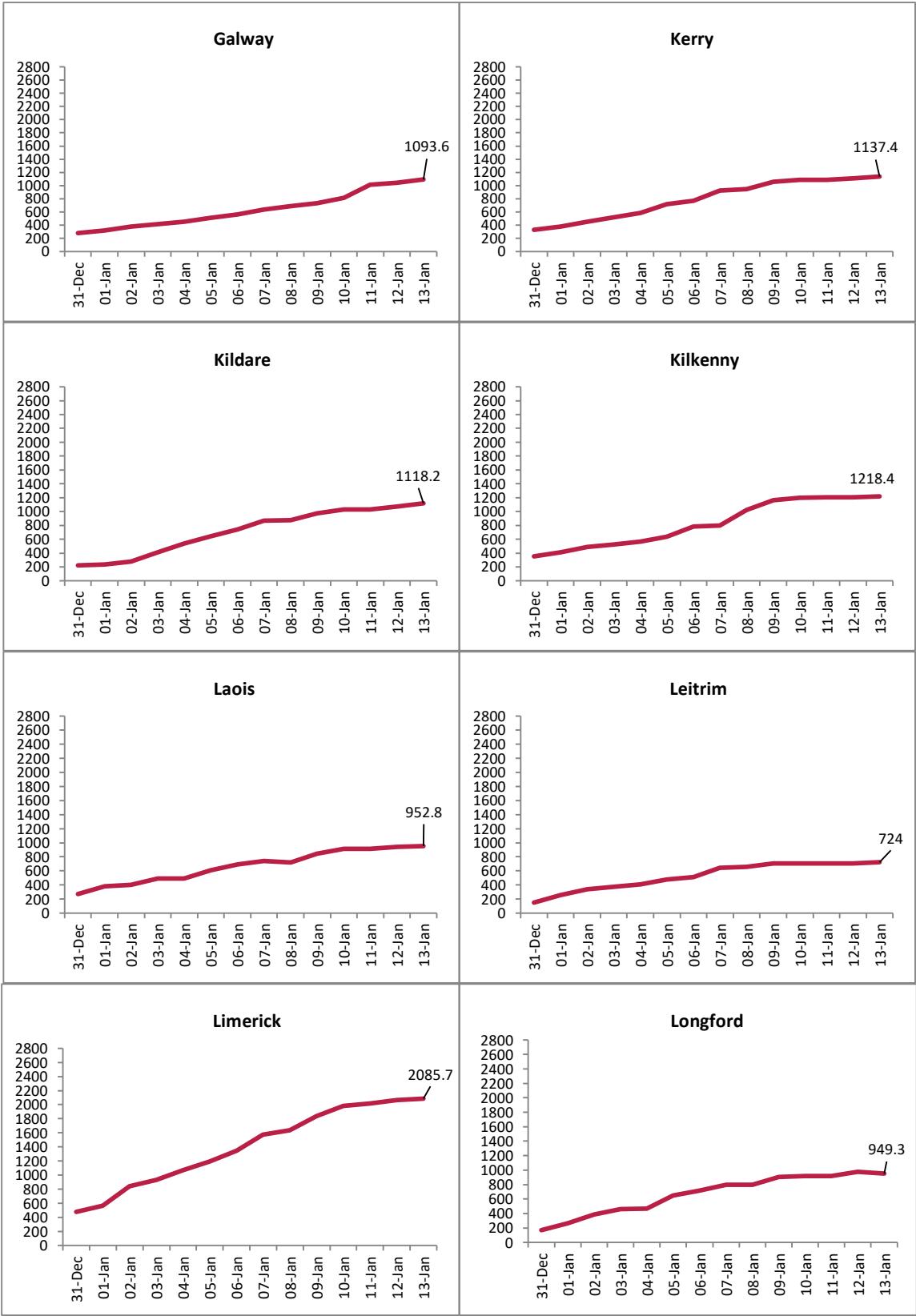
HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;

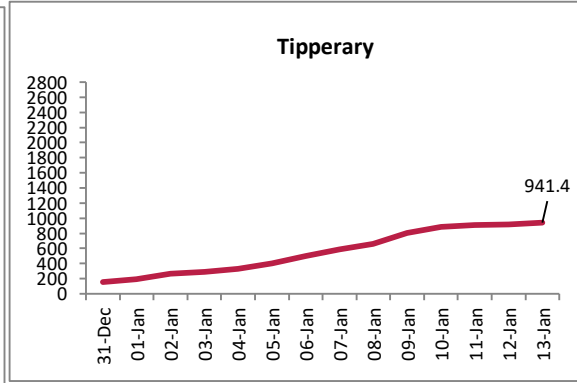
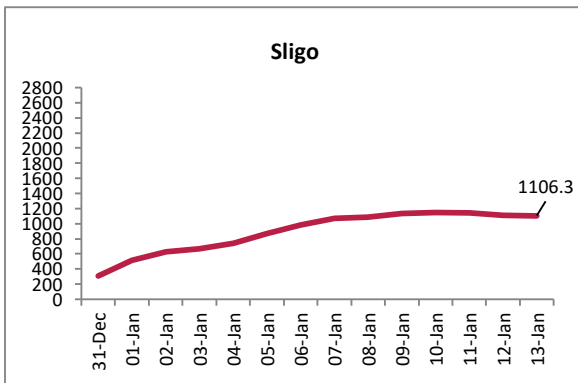
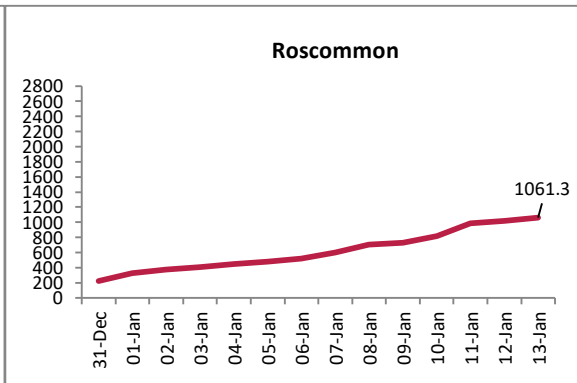
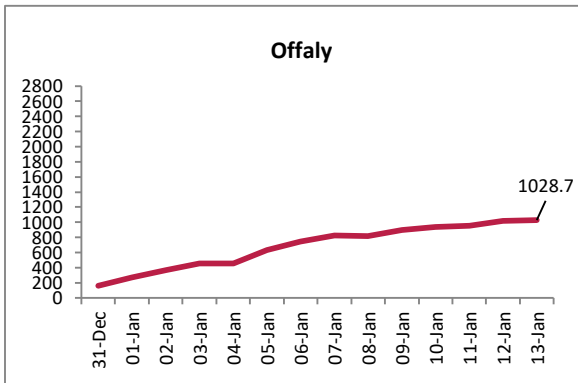
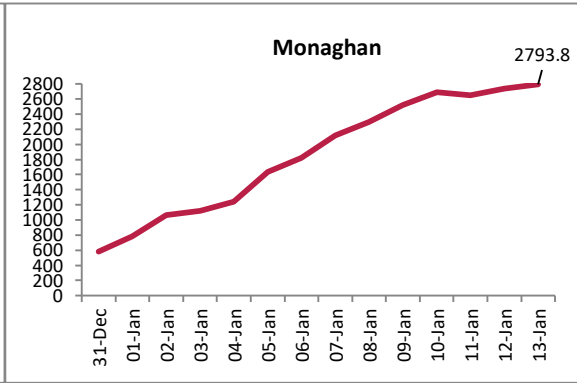
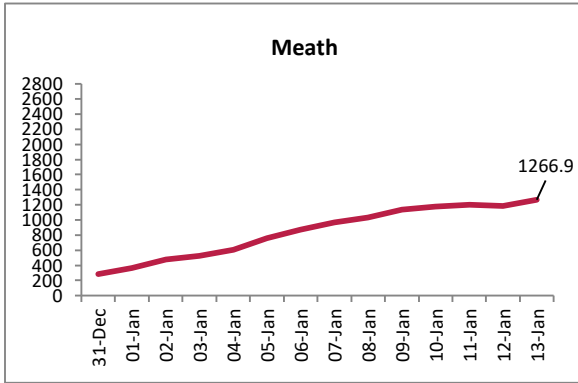
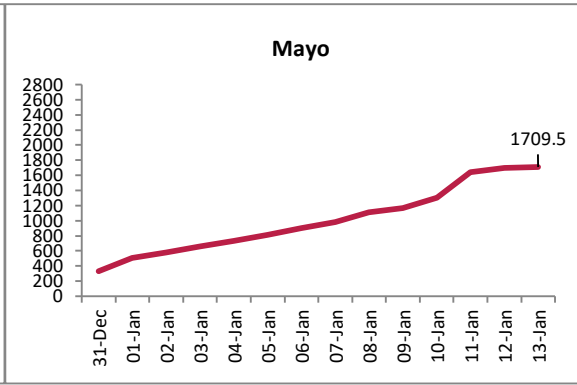
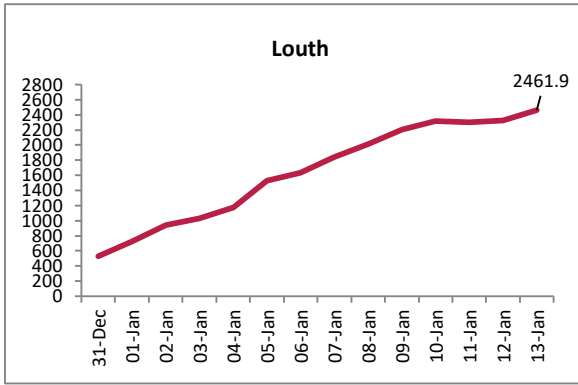
HSE West (W): Galway, Mayo & Roscommon.

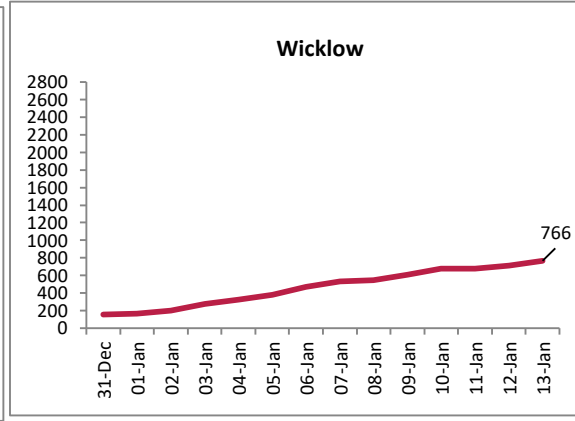
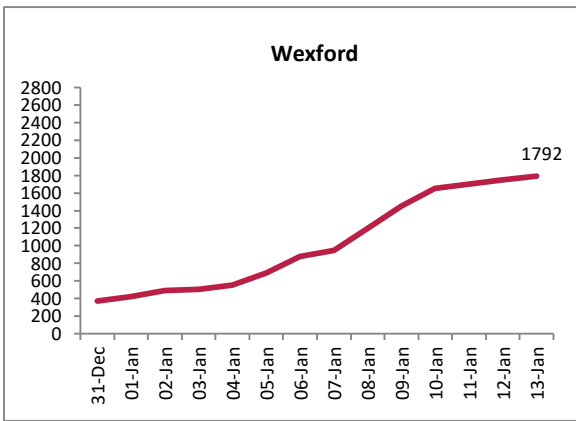
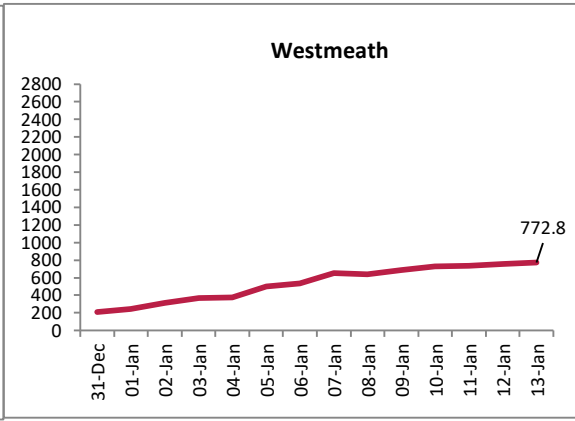
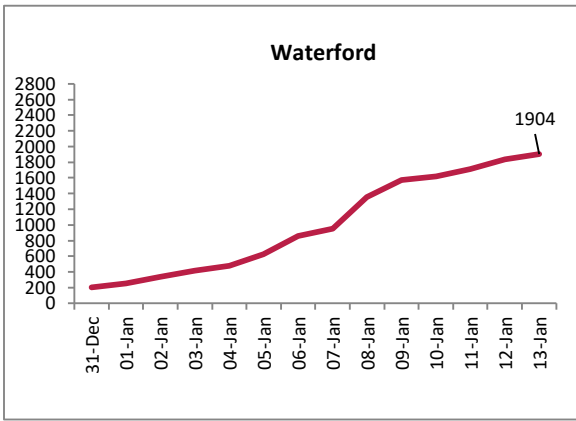
## Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (31/12/2020 to 13/01/2021)









**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (31/12/2020 to 13/01/2021)**

