



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 11/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 28/12/2020 up to midnight 10/01/2021

	Number	Percent
Total number of confirmed cases	65,650	
National incidence of confirmed cases per 100,000 population	1,378.66	
Number of cases hospitalised*	1,456	2.22
Number of cases admitted to ICU*	67	0.1
Number of deaths among confirmed cases	70	0.11
Case fatality ratio (CFR, %)	0.11	
National incidence of confirmed deaths per 100,000 population	1.47	
Males	31,179	47.49
Females	34,265	52.19
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

**Cases may be associated with outbreaks notified outside the timeframe of this report
28/12/2020 - 10/01/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:37 on 11/01/2021 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.

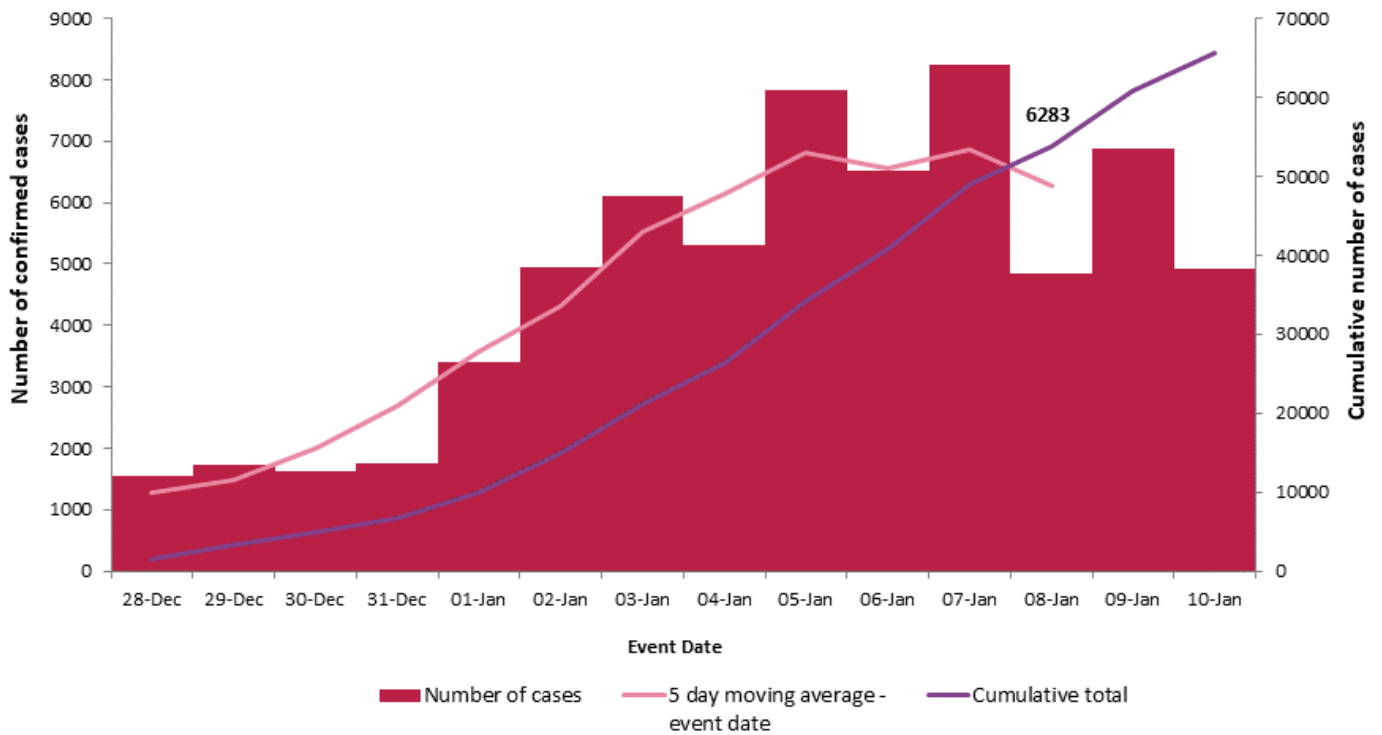


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=65,650)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 28/12/2020 up to midnight on 10/01/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		65,650	100
Sex	Male:Female ratio	0.91	
	Male	31,179	47.49
	Female	34,265	52.19
	Unknown	206	0.31
Age	Median age (years)	37	
	Mean age (years)	39	
	Age range (years)	0 - 104	
	0-4 yrs	1,348	2.05
	5-12 yrs	2,477	3.77
	13-18 yrs	4,046	6.16
	19-24 yrs	9,714	14.8
	25-34 yrs	12,933	19.7
	35-44 yrs	10,430	15.89
	45-54 yrs	9,840	14.99
	55-64 yrs	8,151	12.42
	65-74 yrs	3,689	5.62
	75-84 yrs	1,883	2.87
	85+ yrs	1,130	1.72
Unknown	9	0.01	

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 28/12/2020 to midnight 10/01/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	6,137	1568.4
CHO2	4336	956.9
CHO3	6253	1624.2
CHO4	9,528	1379.7
CHO5	7,134	1397.9
CHO6	5238	1367.0
CHO7	8,771	1239.3
CHO8	7,854	1268.2
CHO9	10,339	1663.8
Unknown	60	
Total	65,650	1378.7

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 28/12/2020 to midnight 10/01/2021

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1650	2687.9
Louth	2990	2319.9
Limerick	3961	2032.3
Waterford	1937	1667.3
Wexford	2457	1641.0
Dublin	21127	1568.0
Cavan	1139	1495.2
Donegal	2378	1493.8
Carlow	839	1473.7
Cork	7911	1457.3
Clare	1696	1427.4
Mayo	1701	1303.4
Kilkenny	1185	1194.2
Meath	2300	1179.2
Sligo	752	1147.5
Kerry	1618	1095.4
Kildare	2290	1029.2
Offaly	728	933.8
Longford	375	917.5
Laois	772	911.5
Tipperary	1373	860.5
Roscommon	530	821.1
Galway	2105	815.7
Westmeath	650	732.2
Leitrim	227	708.4
Wicklow	959	673.3
Total	65,650	1378.7

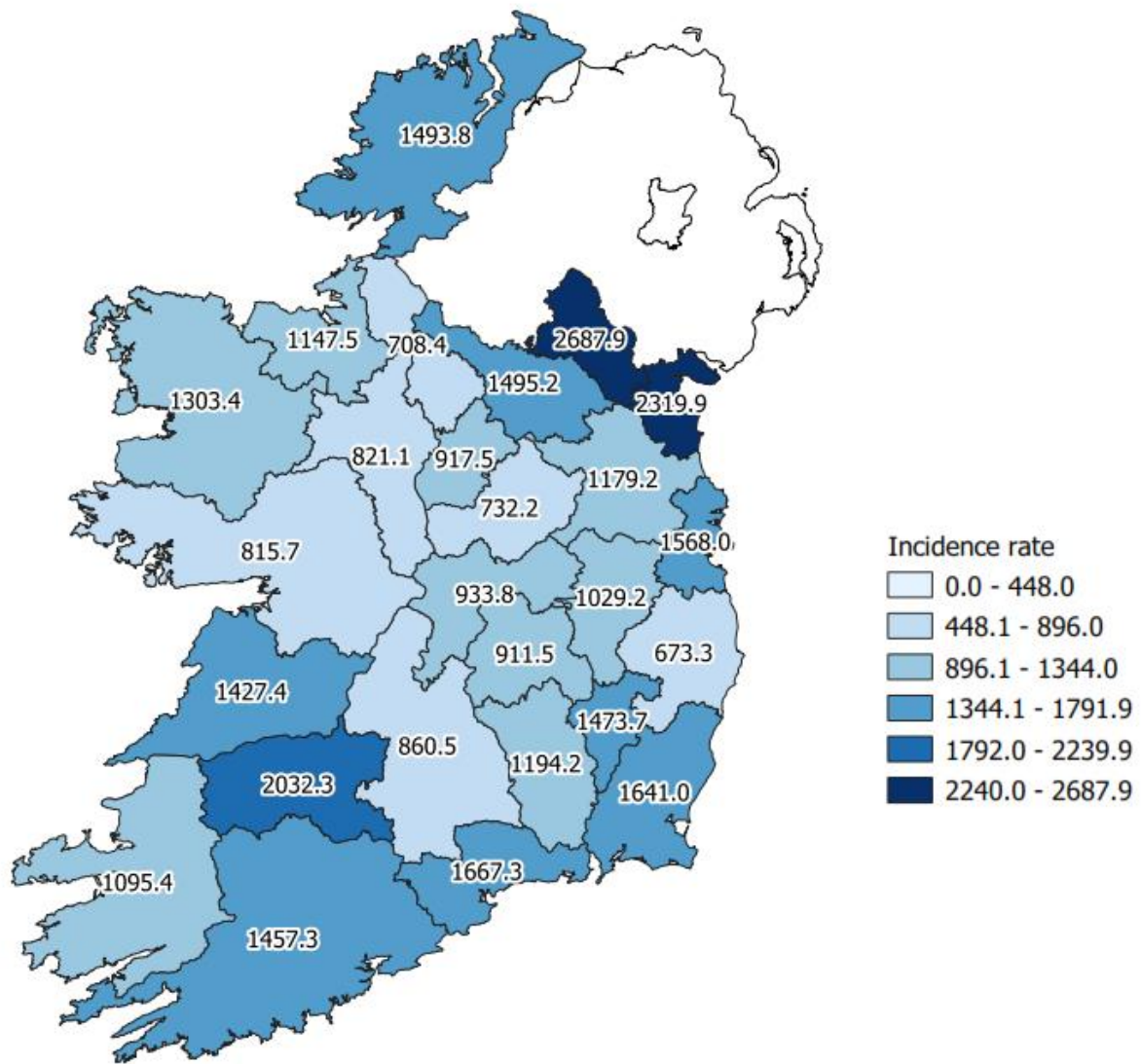


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 28/12/2020 and 10/01/2021

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 28/12/2020 and 10/01/2021

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	1438	1056.8
CCA2	Dublin South East	2870	2320.1
CCA3	Dublin South City	1825	1217.2
CCA4	Dublin South West	2338	1453.1
CCA5	Dublin West	2290	1474.2
CCA6	Dublin North West	3947	1900.6
CCA7	Dublin North Central	3040	1966.6
CCA8	Dublin North	3352	1293.4
	Unknown	27	
	Dublin	21127	1568.0

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.

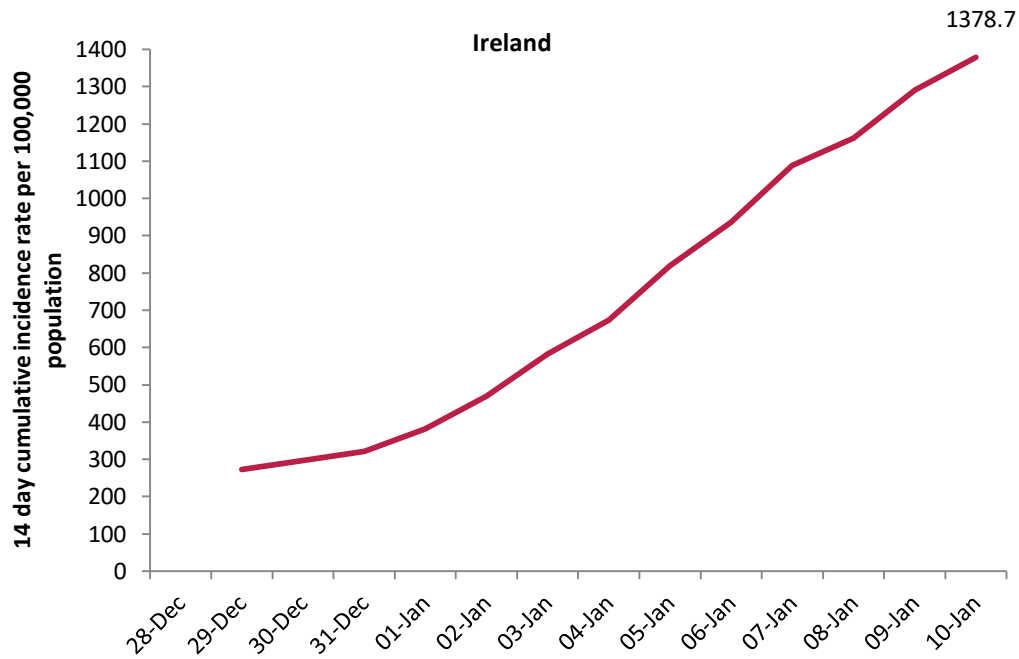


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (28/12/2020 to 10/01/2021)

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 28/12/2020 to midnight 10/01/2021 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	1348	21	1.4	1	1.5
5-12 yrs	2477	5	0.3	0	0
13-18 yrs	4046	24	1.6	1	1.5
19-24 yrs	9714	55	3.8	0	0
25-34 yrs	12933	118	8.1	3	4.5
35-44 yrs	10430	122	8.4	2	3.0
45-54 yrs	9840	159	10.9	9	13.4
55-64 yrs	8151	178	12.2	18	26.9
65-74 yrs	3689	263	18.1	22	32.8
75-84 yrs	1883	291	20.0	10	14.9
85+ yrs	1130	220	15.1	1	1.5
Unknown	9			0	0
Total	65,650	1456	100	67	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 09:24 on 07/01/2021. 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;

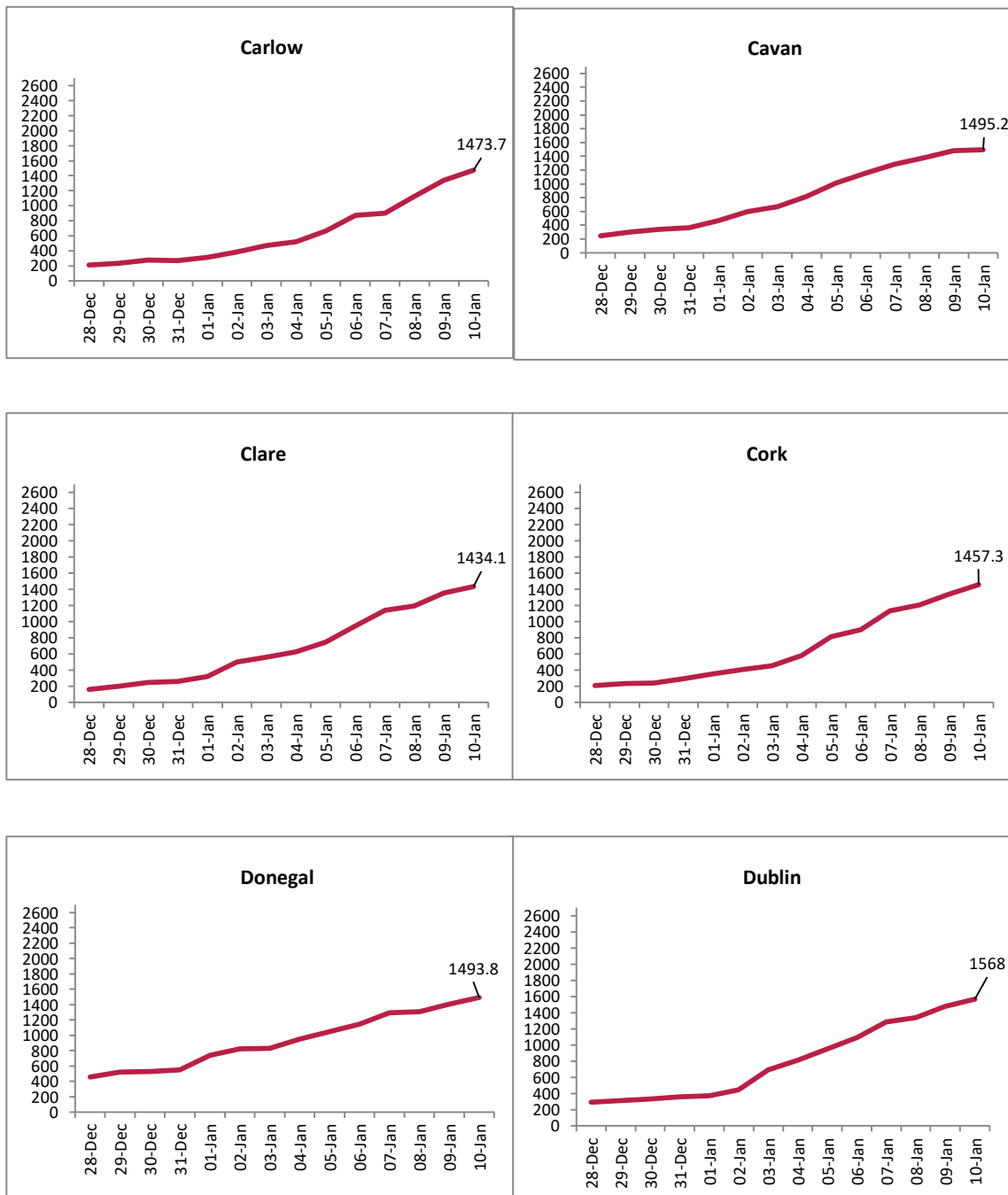
HSE South (S): Kerry & Cork;

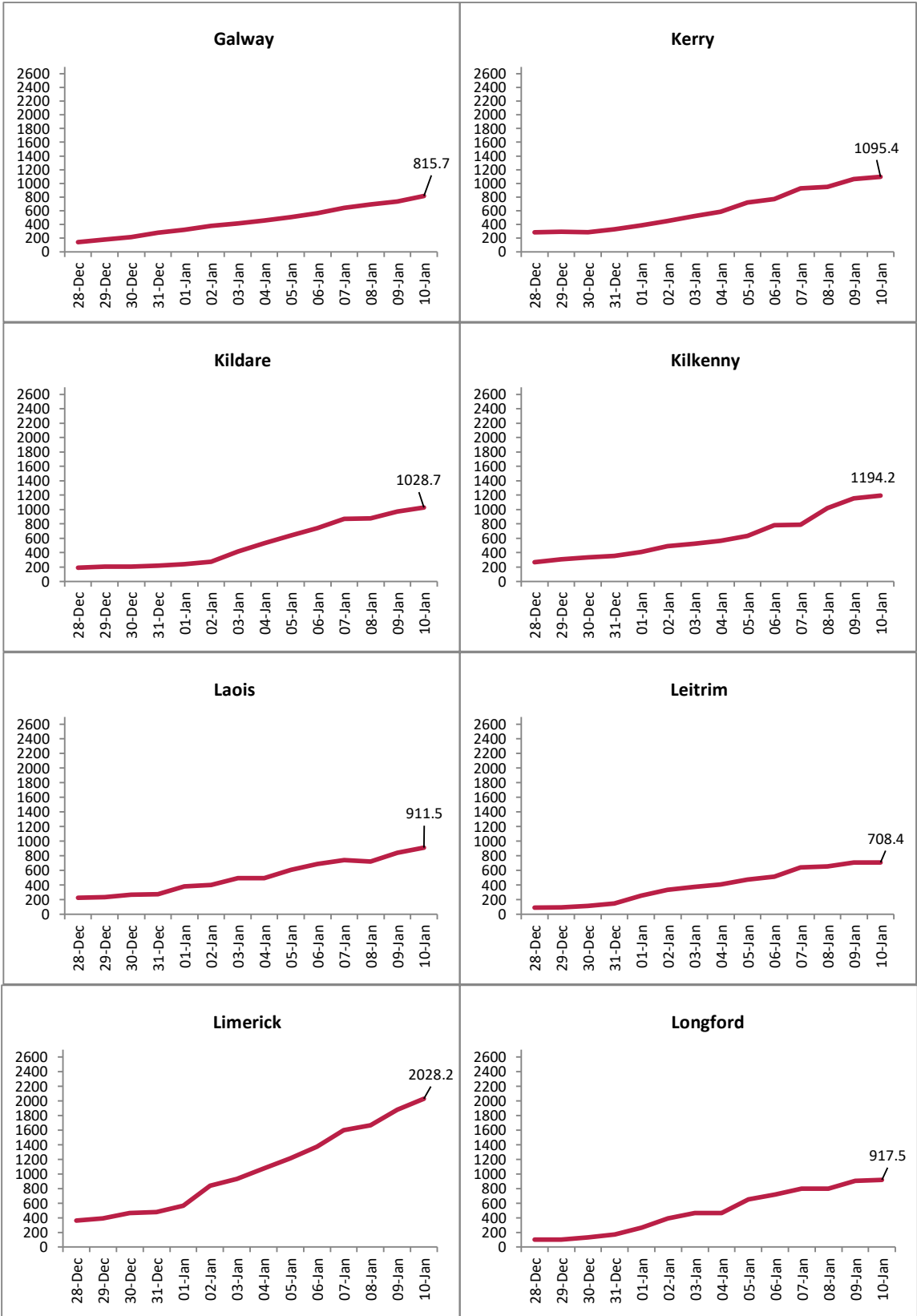
HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;

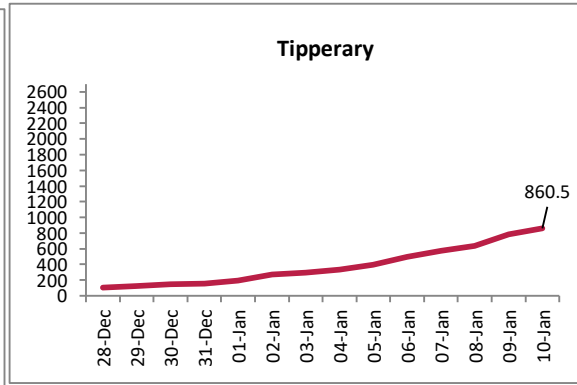
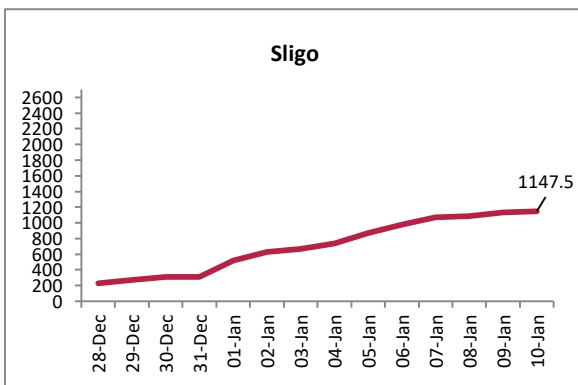
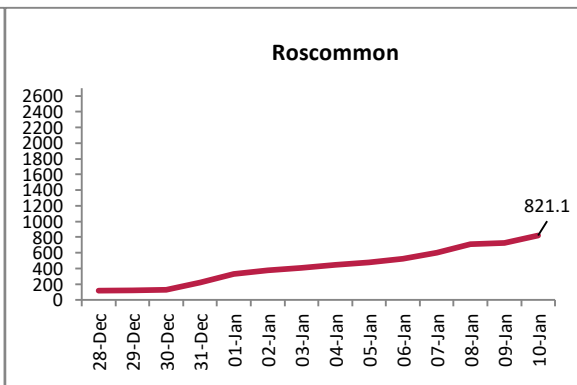
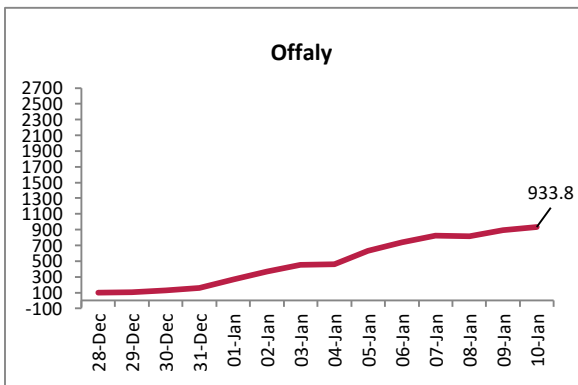
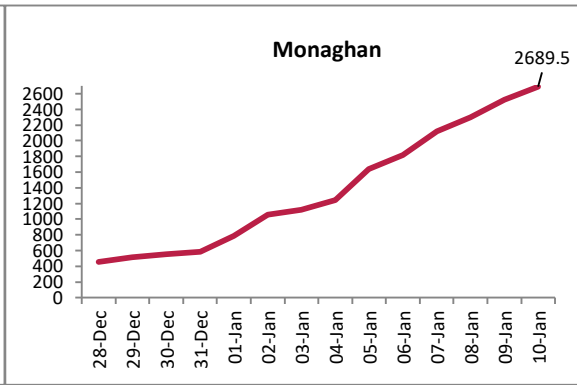
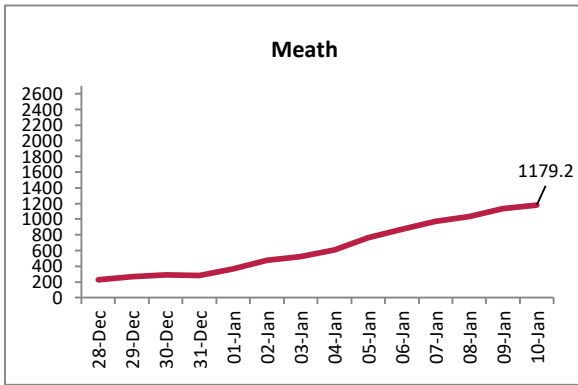
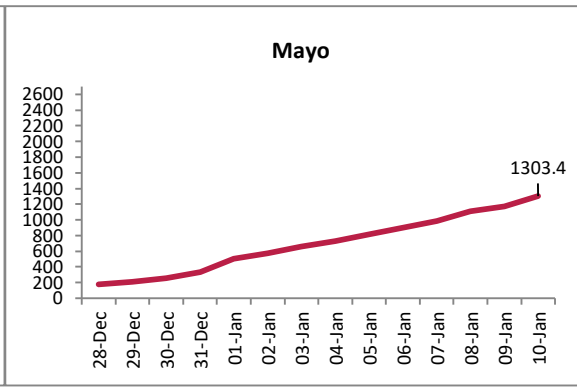
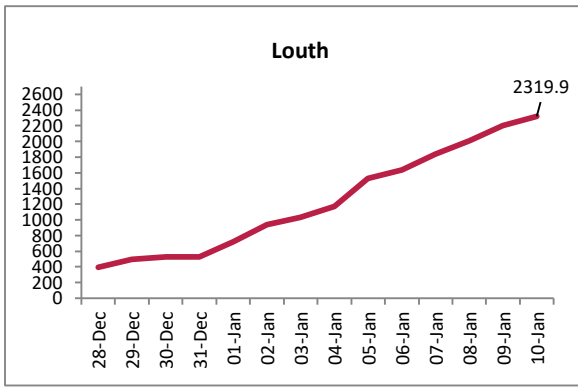
HSE West (W): Galway, Mayo & Roscommon.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (28/12/2020 to 10/01/2021)







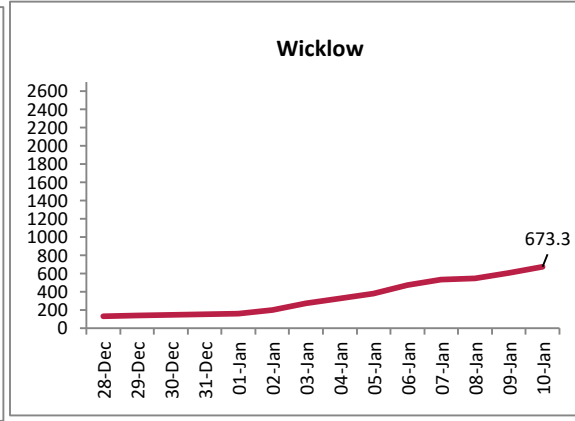
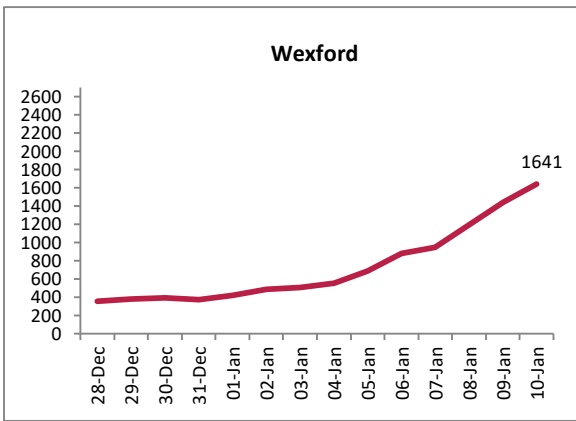
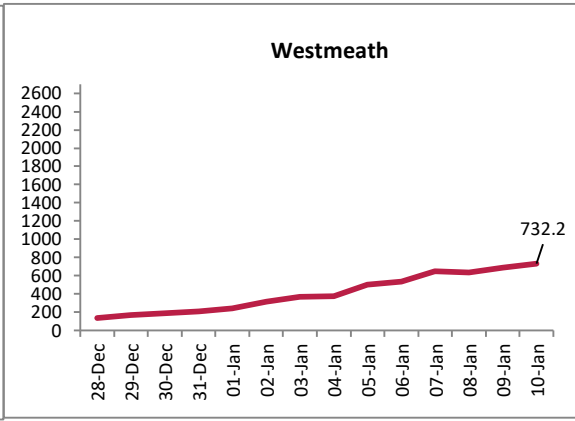
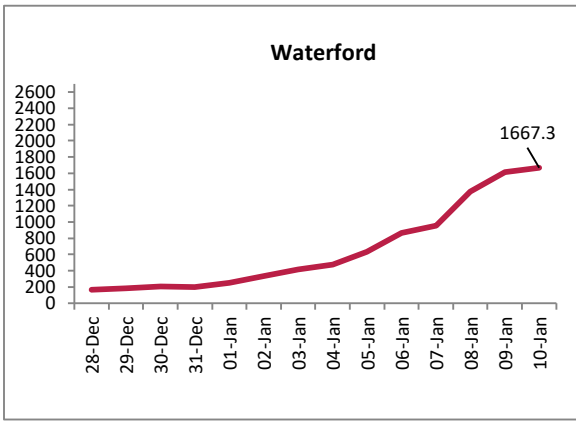


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (28/12/2020 to 10/01/2021)

