



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 18/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 04/01/2021 up to midnight 17/01/2021

	Number	Percent
Total number of confirmed cases	66,866	
National incidence of confirmed cases per 100,000 population	1,404.2	
Number of cases hospitalised*	2,553	3.82
Number of cases admitted to ICU*	140	0.21
Number of deaths among confirmed cases	211	0.32
Case fatality ratio (CFR, %)	0.32	
National incidence of confirmed deaths per 100,000 population	4.43	
Males	31,332	46.86
Females	35,486	53.07
M:F ratio	0.88	
Median age (years)	39	
Mean age (years)	41	
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 09:36 on 18/01/2021 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.

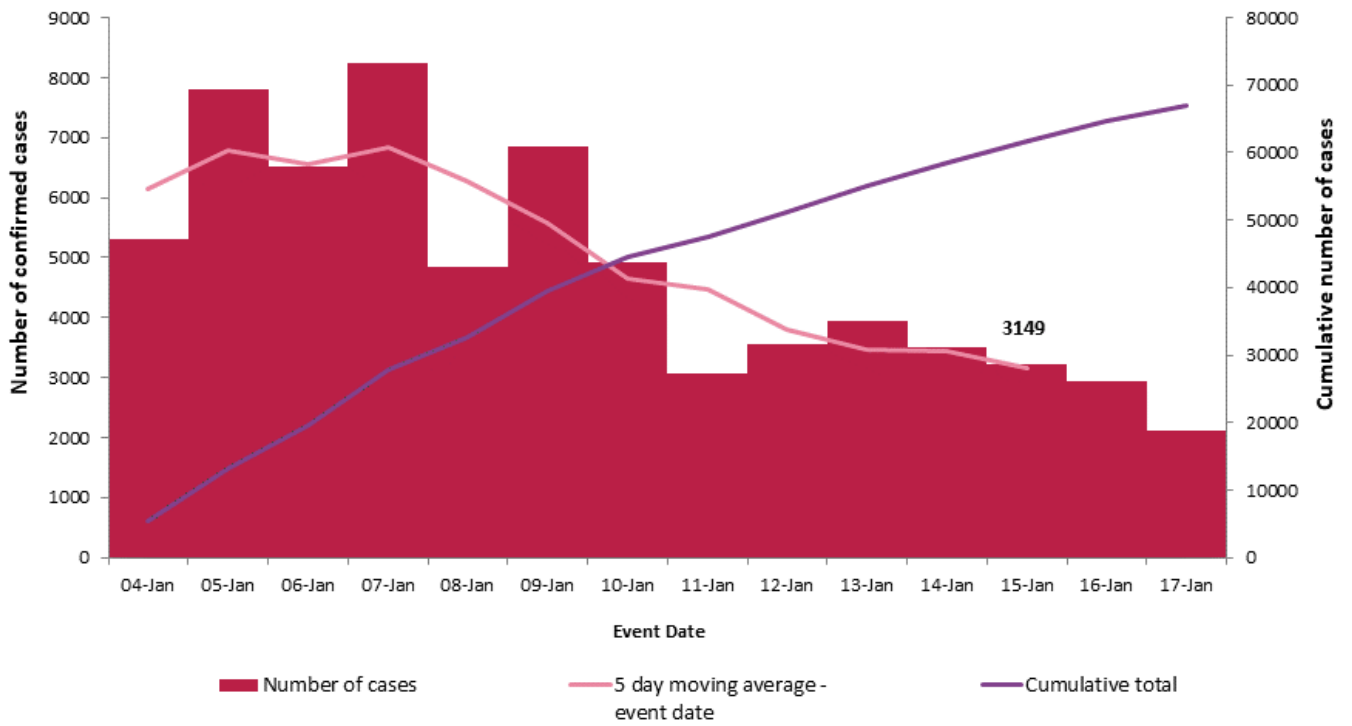


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=66,866)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 04/01/2021 up to midnight on 17/01/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		66,866	100
Sex	Male:Female ratio	0.88	
	Male	31,332	46.86
	Female	35,486	53.07
	Unknown	48	0.07
Age	Median age (years)	39	
	Mean age (years)	41	
	Age range (years)	0 - 104	
	0-4 yrs	1,292	1.93
	5-12 yrs	2,253	3.37
	13-18 yrs	3,983	5.96
	19-24 yrs	8,640	12.92
	25-34 yrs	12,477	18.66
	35-44 yrs	11,020	16.48
	45-54 yrs	10,514	15.72
	55-64 yrs	8,487	12.69
	65-74 yrs	3,893	5.82
	75-84 yrs	2,548	3.81
	85+ yrs	1,724	2.58
	Unknown	35	0.05

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 04/01/2021 to midnight 17/01/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	5,658	1446.0
CHO2	5460	1205.0
CHO3	5927	1539.5
CHO4	9,989	1446.5
CHO5	7,954	1558.6
CHO6	4993	1303.1
CHO7	9,057	1279.8
CHO8	7,501	1211.2
CHO9	10,327	1661.9
Unknown	0	
Total	66,866	1404.2

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 04/01/2021 to midnight 17/01/2021

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1688	2749.8
Louth	2849	2210.5
Waterford	2318	1995.2
Wexford	2769	1849.4
Limerick	3581	1837.4
Carlow	916	1608.9
Mayo	2085	1597.6
Cork	8543	1573.7
Dublin	20828	1545.8
Clare	1702	1432.5
Cavan	1077	1413.8
Donegal	2187	1373.8
Meath	2282	1170.0
Kildare	2475	1112.3
Galway	2793	1082.3
Kilkenny	1066	1074.3
Kerry	1446	979.0
Tipperary	1538	963.9
Offaly	713	914.6
Roscommon	582	901.7
Laois	761	898.5
Sligo	534	814.8
Wicklow	1074	754.1
Westmeath	605	681.5
Longford	278	680.2
Leitrim	176	549.2
Total	66,866	1404.2

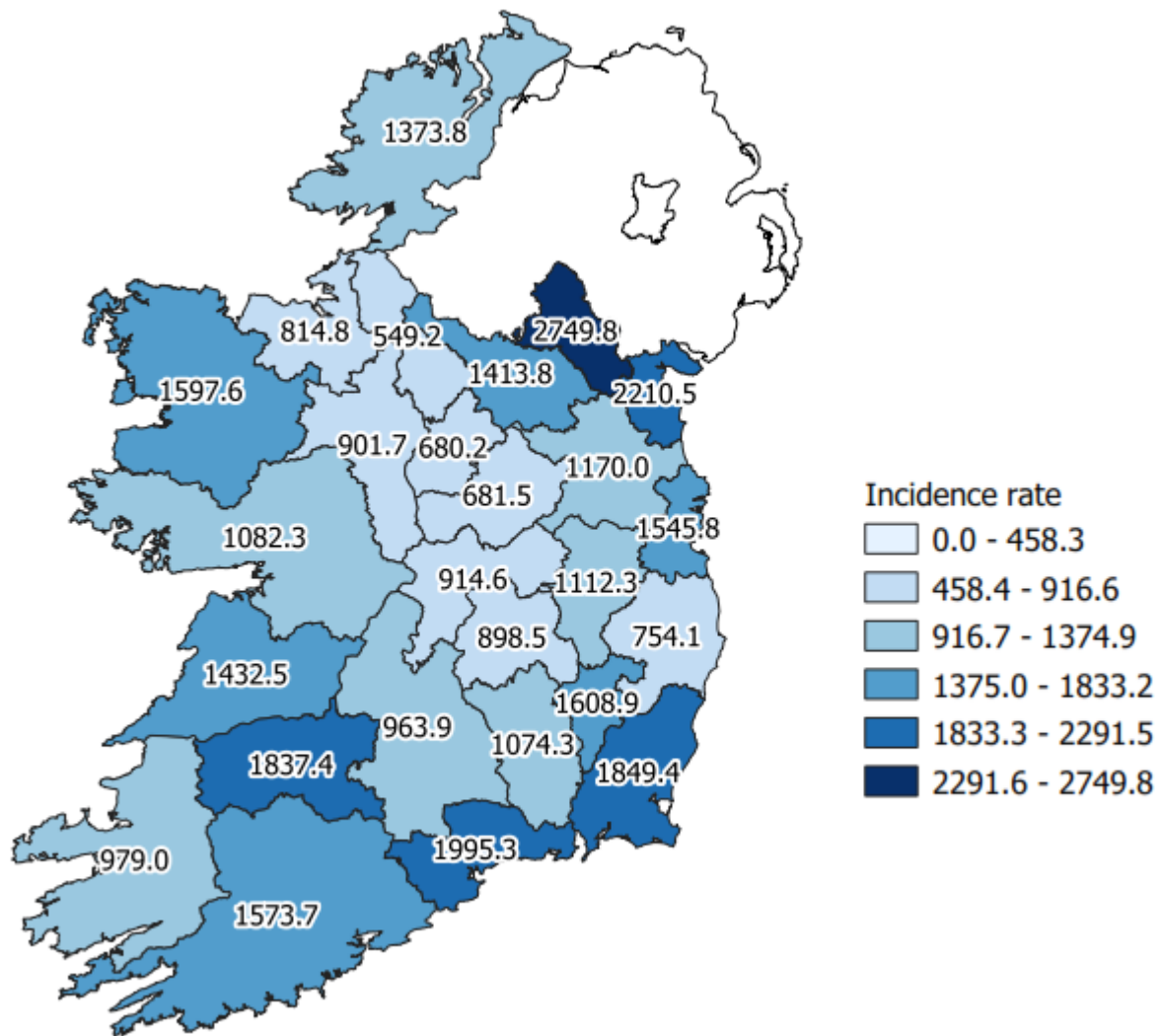


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 04/01/2021 and 17/01/2021

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 04/01/2021 and 17/01/2021

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	1294	951.0
CCA2	Dublin South East	2655	2146.3
CCA3	Dublin South City	1777	1185.2
CCA4	Dublin South West	2342	1455.6
CCA5	Dublin West	2433	1566.2
CCA6	Dublin North West	4010	1930.9
CCA7	Dublin North Central	2931	1896.1
CCA8	Dublin North	3386	1306.6
	Unknown		
	Dublin	20828	1545.8

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.

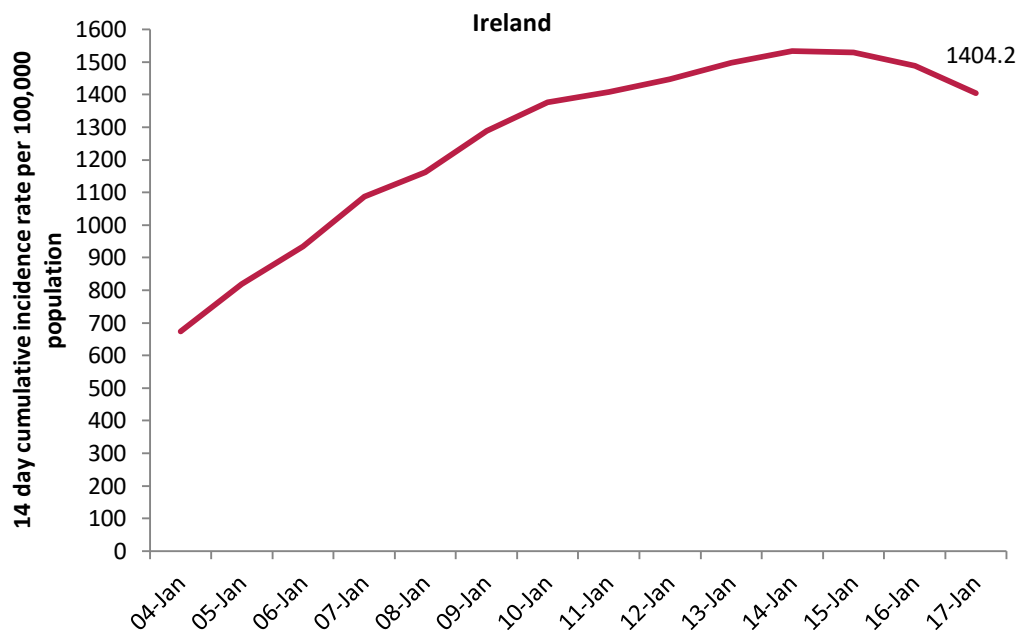


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (04/01/2021 to 17/01/2021)

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 04/01/2021 to midnight 17/01/2021 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	1292	25	0.98	2	1.43
5-12 yrs	2253	12	0.47	0	0
13-18 yrs	3983	26	1.02	1	0.71
19-24 yrs	8640	84	3.29	0	0
25-34 yrs	12477	167	6.54	5	3.57
35-44 yrs	11020	183	7.17	6	4.29
45-54 yrs	10514	251	9.83	25	17.86
55-64 yrs	8487	337	13.20	35	25.00
65-74 yrs	3893	460	18.02	37	26.43
75-84 yrs	2548	591	23.15	21	15.00
85+ yrs	1724	417	16.33	8	5.71
Unknown	35			0	0
Total	66,866	2553	100	140	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

Deaths among COVID-19 cases

Table 6: Summary of deaths in all COVID-19 cases notified in Ireland from 04/01/2021 up to midnight 17/01/2021

	Number	Percent
Total number of deaths	215	
Total number of cases hospitalised	96	44.65
Cases admitted to ICU	10	4.65
Cases not admitted to ICU	86	40
Total number of male cases	124	57.67
M:F ratio	1.36	
Median age (years)	82	
Mean age (years)	80	
Age range (years)	25 - 100	

Table 7: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 04/01/2021 up to midnight 17/01/2021

Age group (years)	Female	Male	Total	Percent
25-54 yrs	*	*	6	2.8
55-64 yrs	*	*	10	4.65
65-74 yrs	15	22	37	17.21
75-84 yrs	24	53	77	35.81
85+ yrs	47	38	85	39.53
Total	91	124	215	100
Percent	42.33	57.67		

* Numbers <5

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 09:36 on 18/01/2021. 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;

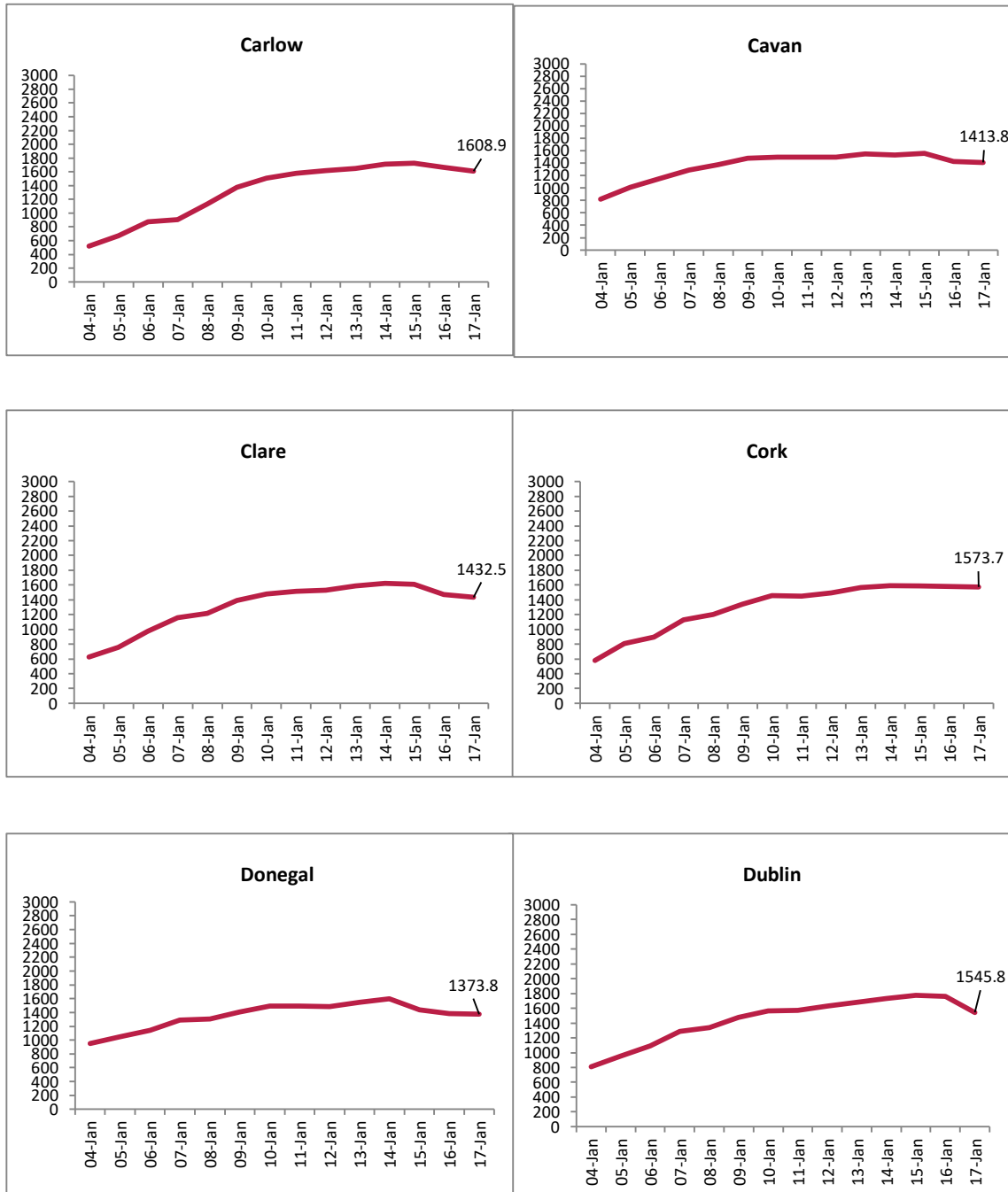
HSE South (S): Kerry & Cork;

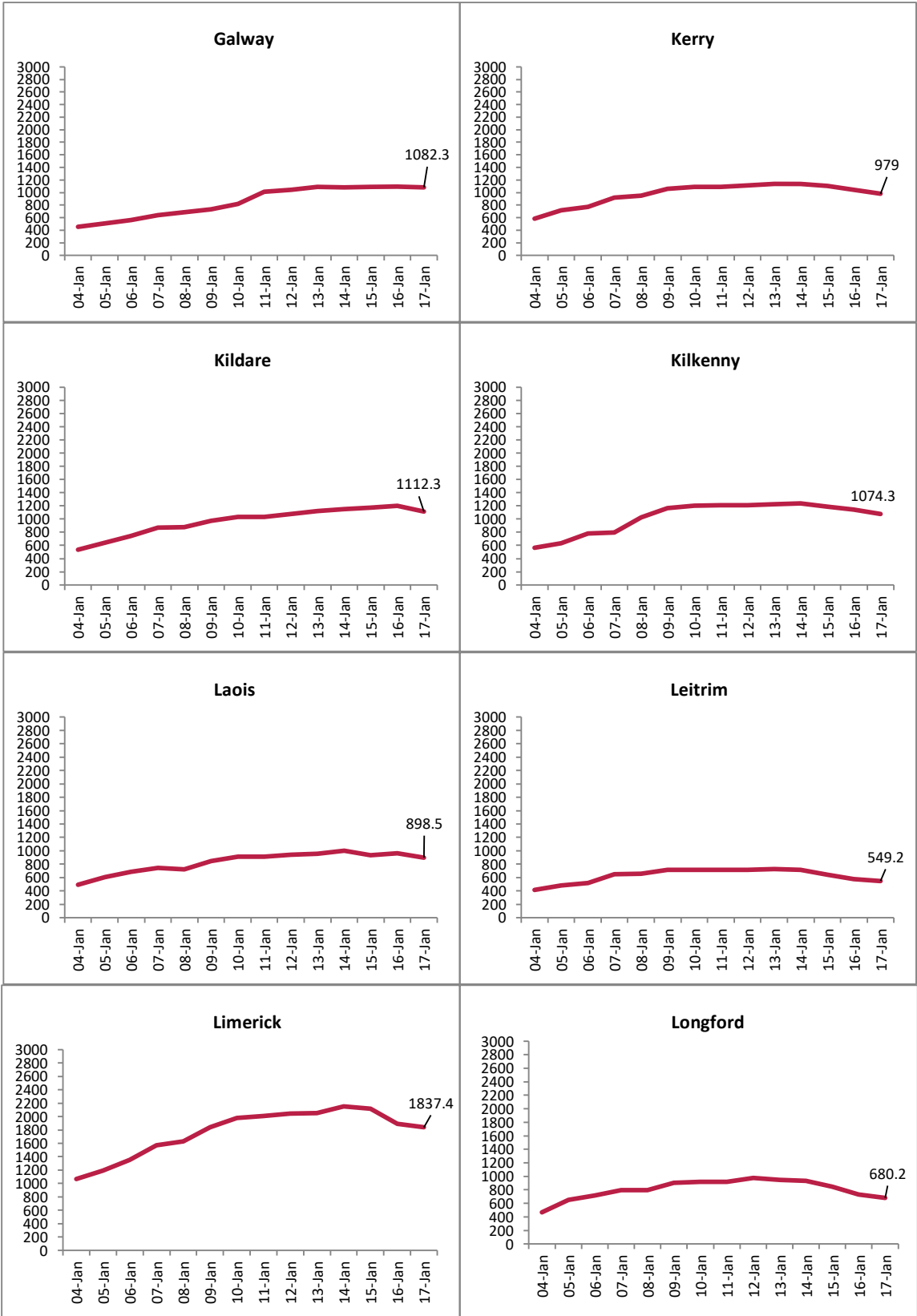
HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;

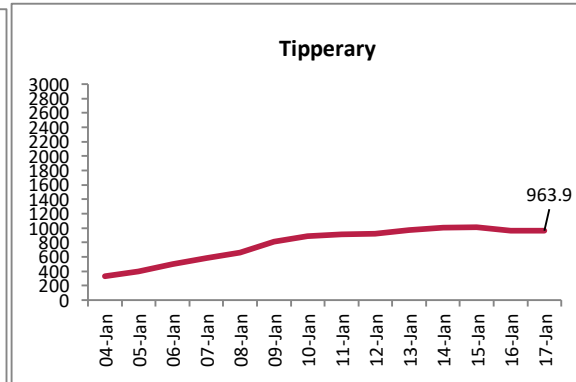
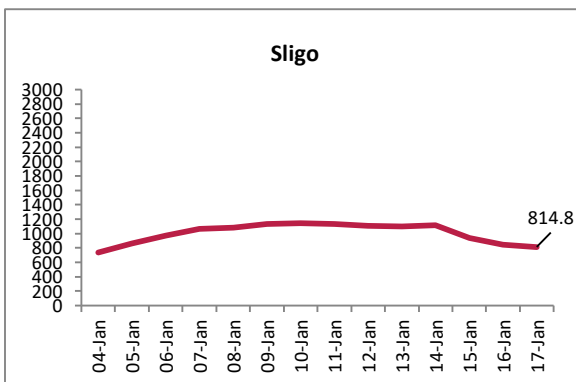
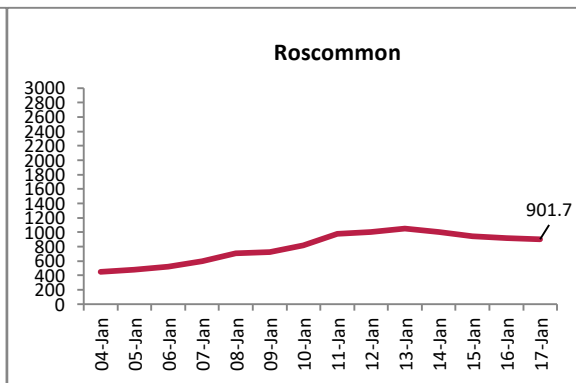
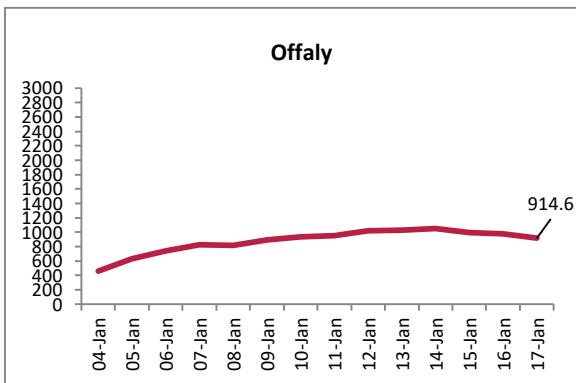
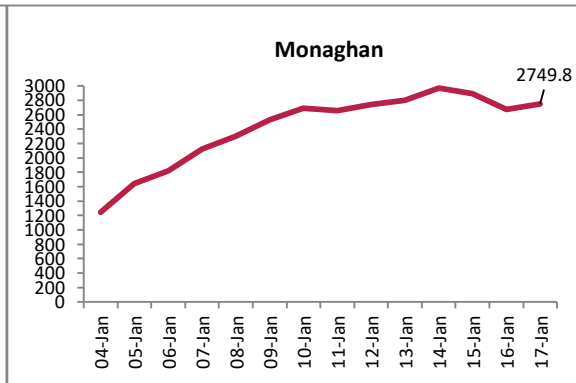
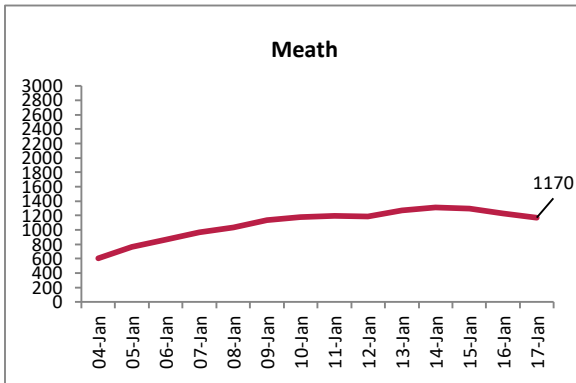
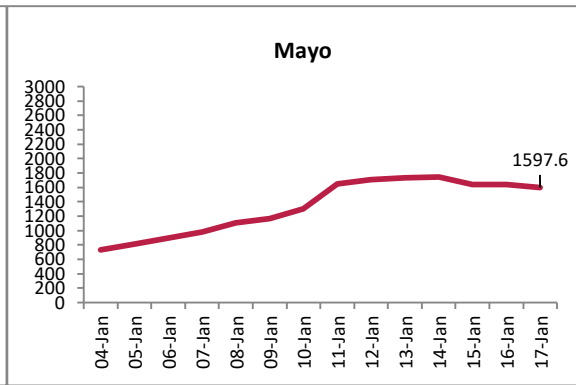
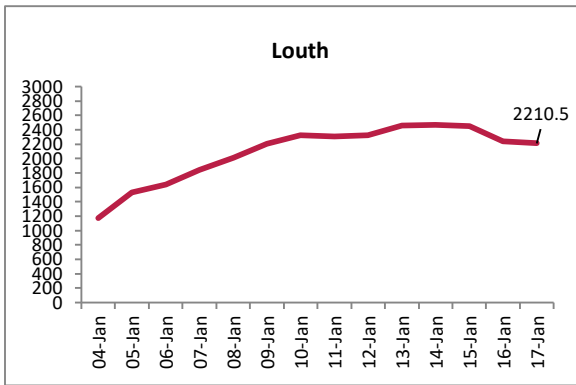
HSE West (W): Galway, Mayo & Roscommon.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (04/01/2021 to 17/01/2021)







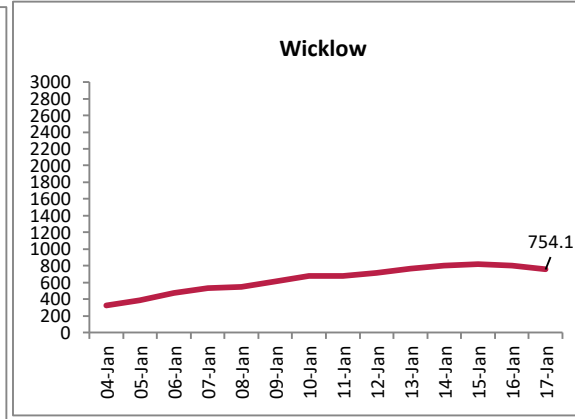
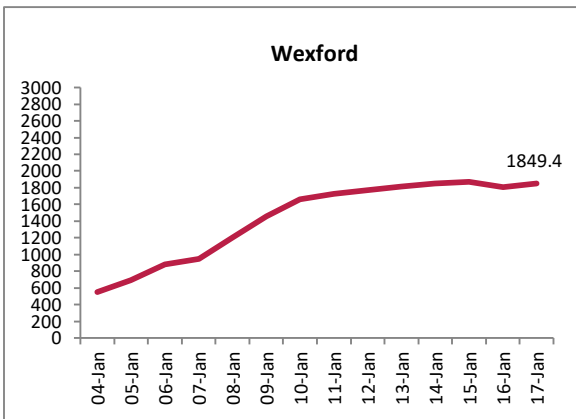
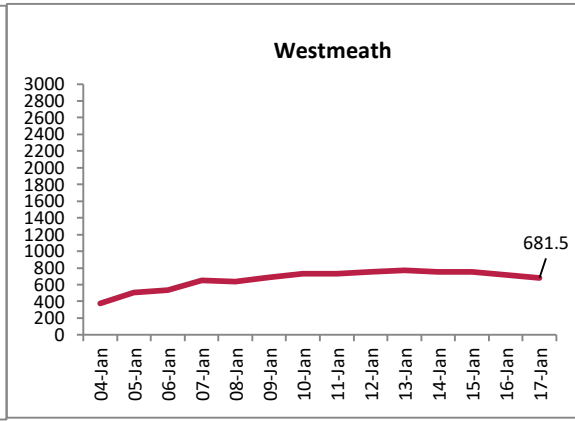
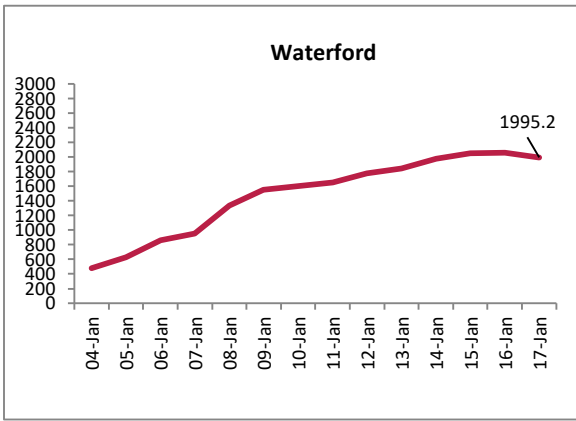


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (04/01/2021 to 17/01/2021)

