



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 17/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 03/01/2021 up to midnight 16/01/2021

	Number	Percent
Total number of confirmed cases	70,851	
National incidence of confirmed cases per 100,000 population	1,487.88	
Number of cases hospitalised*	2,609	3.68
Number of cases admitted to ICU*	149	0.21
Number of deaths among confirmed cases	222	0.31
Case fatality ratio (CFR, %)	0.31	
National incidence of confirmed deaths per 100,000 population	4.66	
Males	33,239	46.91
Females	37,546	52.99
M:F ratio	0.89	
Median age (years)	39	
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: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 11:11 on 17/01/2021 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.

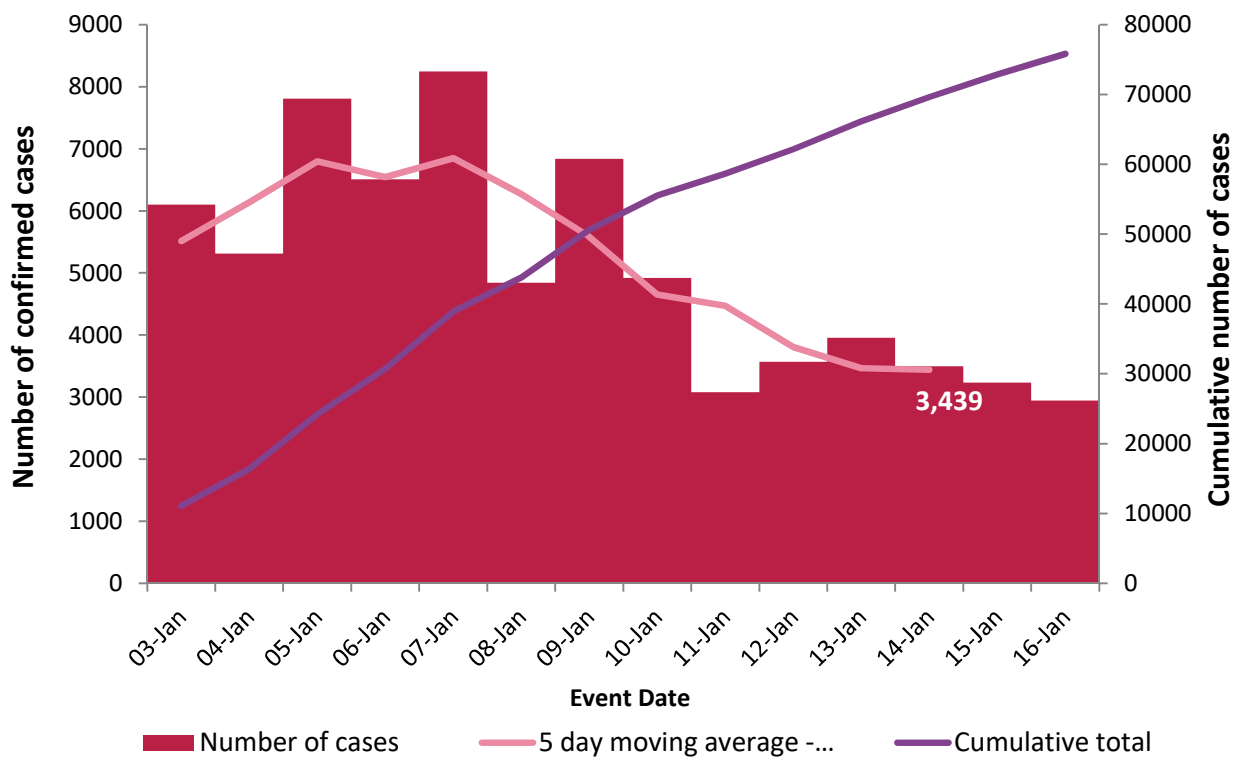


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=70,851)

Table 1: Age and sex of confirmed COVID-19 cases notified in Ireland from 03/01/2021 up to midnight on 16/01/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		70,851	100
Sex	Male:Female ratio	0.89	
	Male	33,239	46.91
	Female	37,546	52.99
	Unknown	66	0.09
Age	Median age (years)	39	
	Mean age (years)	40	
	Age range (years)	0 - 120	
	0-4 yrs	1,391	1.96
	5-12 yrs	2,446	3.45
	13-18 yrs	4,227	5.97
	19-24 yrs	9,254	13.06
	25-34 yrs	13,377	18.88
	35-44 yrs	11,577	16.34
	45-54 yrs	11,065	15.62
	55-64 yrs	9,054	12.78
	65-74 yrs	4,108	5.8
	75-84 yrs	2,604	3.68
	85+ yrs	1,715	2.42
Unknown	33	0.05	

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 03/01/2021 to midnight 16/01/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	5,666	1448.1
CHO2	5559	1226.9
CHO3	6082	1579.7
CHO4	10,138	1468.1
CHO5	8,059	1579.2
CHO6	5753	1501.4
CHO7	10,104	1427.7
CHO8	7,807	1260.7
CHO9	11,683	1880.1
Unknown	0	
Total	70,851	1487.9

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 03/01/2021 to midnight 16/01/2021

County	Number of confirmed cases	Incidence per 100,000 population
Carlow	949	1666.9
Cavan	1086	1425.6
Clare	1734	1459.4
Cork	8594	1583.1
Donegal	2207	1386.4
Dublin	23730	1761.2
Galway	2828	1095.9
Kerry	1544	1045.3
Kildare	2672	1200.9
Kilkenny	1138	1146.8
Laois	817	964.6
Leitrim	184	574.2
Limerick	3713	1905.1
Longford	298	729.1
Louth	2884	2237.7
Mayo	2134	1635.2
Meath	2391	1225.9
Monaghan	1640	2671.6
Offaly	763	978.7
Roscommon	597	925.0
Sligo	553	843.8
Tipperary	1529	958.3
Waterford	2392	2058.9
Westmeath	633	713.1
Wexford	2703	1805.3
Wicklow	1138	799.0
Total	70,851	1487.9

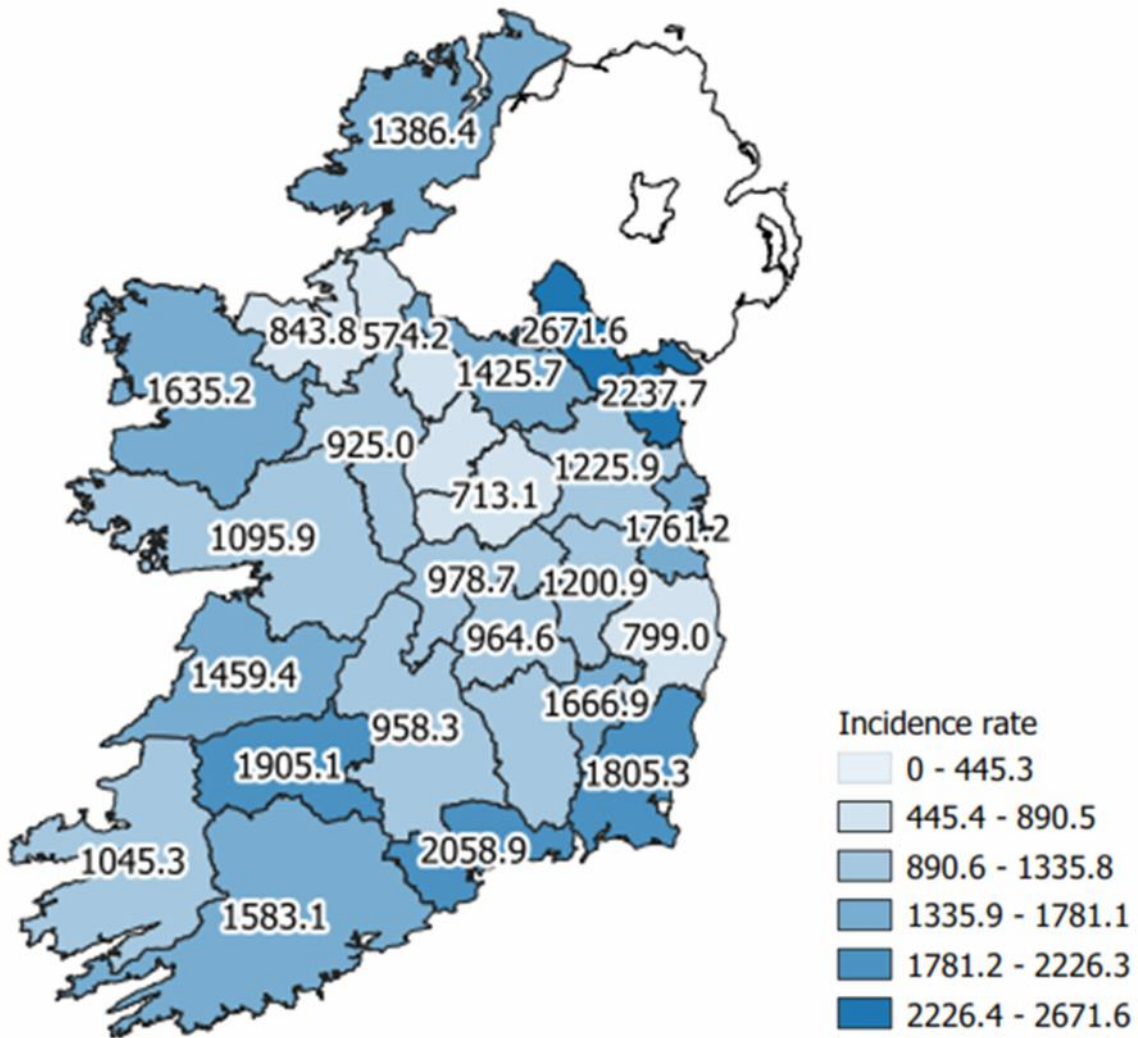


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 03/01/2021 and 16/01/2021

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 03/01/2021 and 16/01/2021

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	1521	1117.8
CCA2	Dublin South East	3128	2528.6
CCA3	Dublin South City	2016	1344.6
CCA4	Dublin South West	2681	1666.3
CCA5	Dublin West	2701	1738.7
CCA6	Dublin North West	4514	2173.6
CCA7	Dublin North Central	3334	2156.8
CCA8	Dublin North	3835	1479.8
	Dublin	23730	1761.2

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.

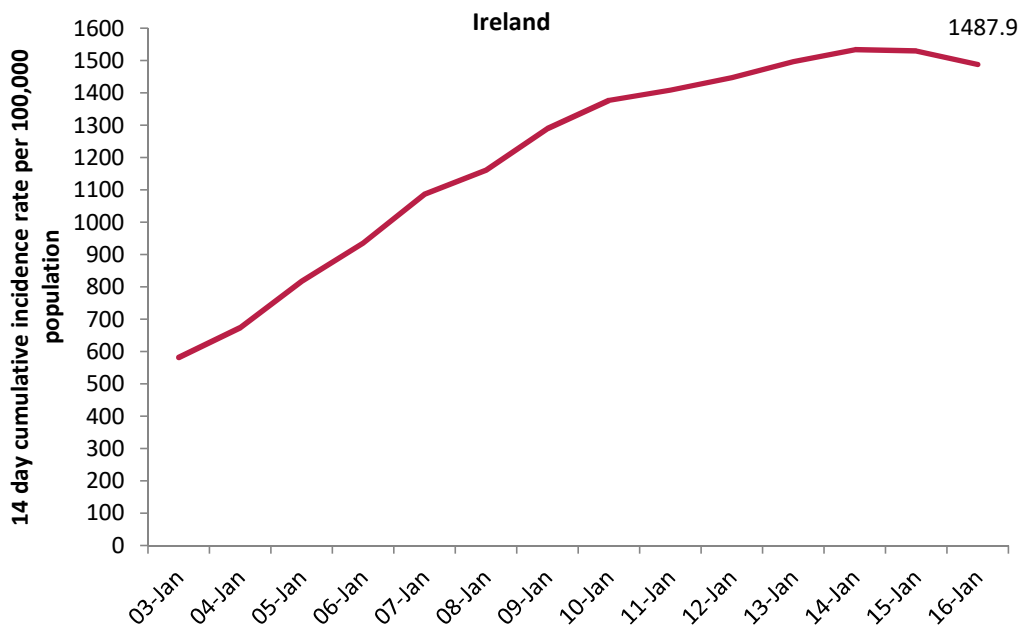


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (03/01/2021 to 16/01/2021)

14 day incidence rates per 100,000 populations of confirmed cases of COVID-19 for individual counties can be found in appendix 5 of this report

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 03/01/2021 to midnight 16/01/2021 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	1391	27	1.03	2	1.34
5-12 yrs	2446	13	0.50	0	0.00
13-18 yrs	4227	29	1.11	1	0.67
19-24 yrs	9254	85	3.26	0	0.00
25-34 yrs	13377	175	6.71	6	4.03
35-44 yrs	11577	194	7.44	7	4.70
45-54 yrs	11065	255	9.77	28	18.79
55-64 yrs	9054	344	13.19	38	25.50
65-74 yrs	4108	468	17.94	39	26.17
75-84 yrs	2604	599	22.96	20	13.42
85+ yrs	1715	420	16.10	8	5.37
Unknown	33			0	0
Total	70,851	2609	100	149	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 11:11 on 17/01/2021. 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;

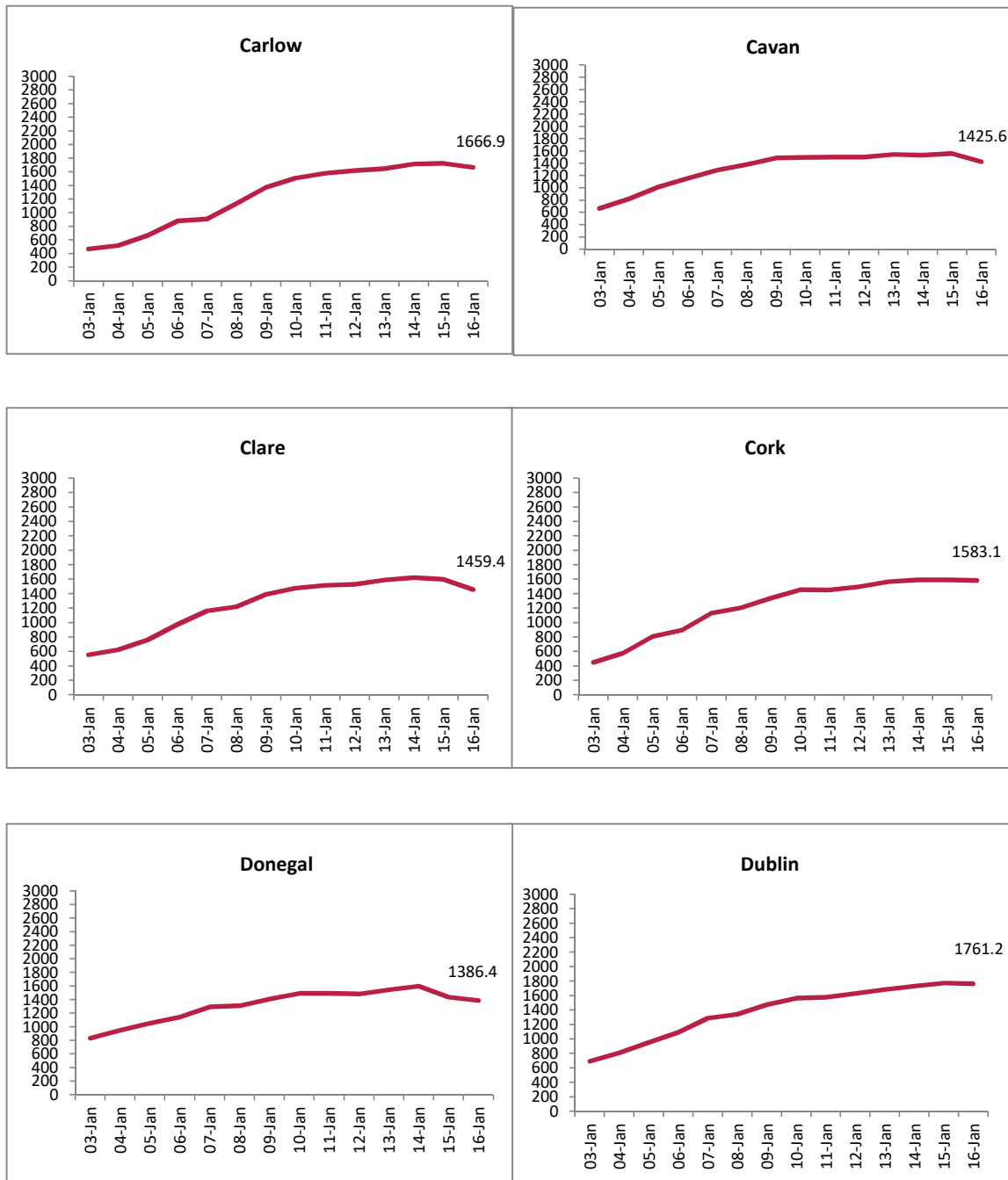
HSE South (S): Kerry & Cork;

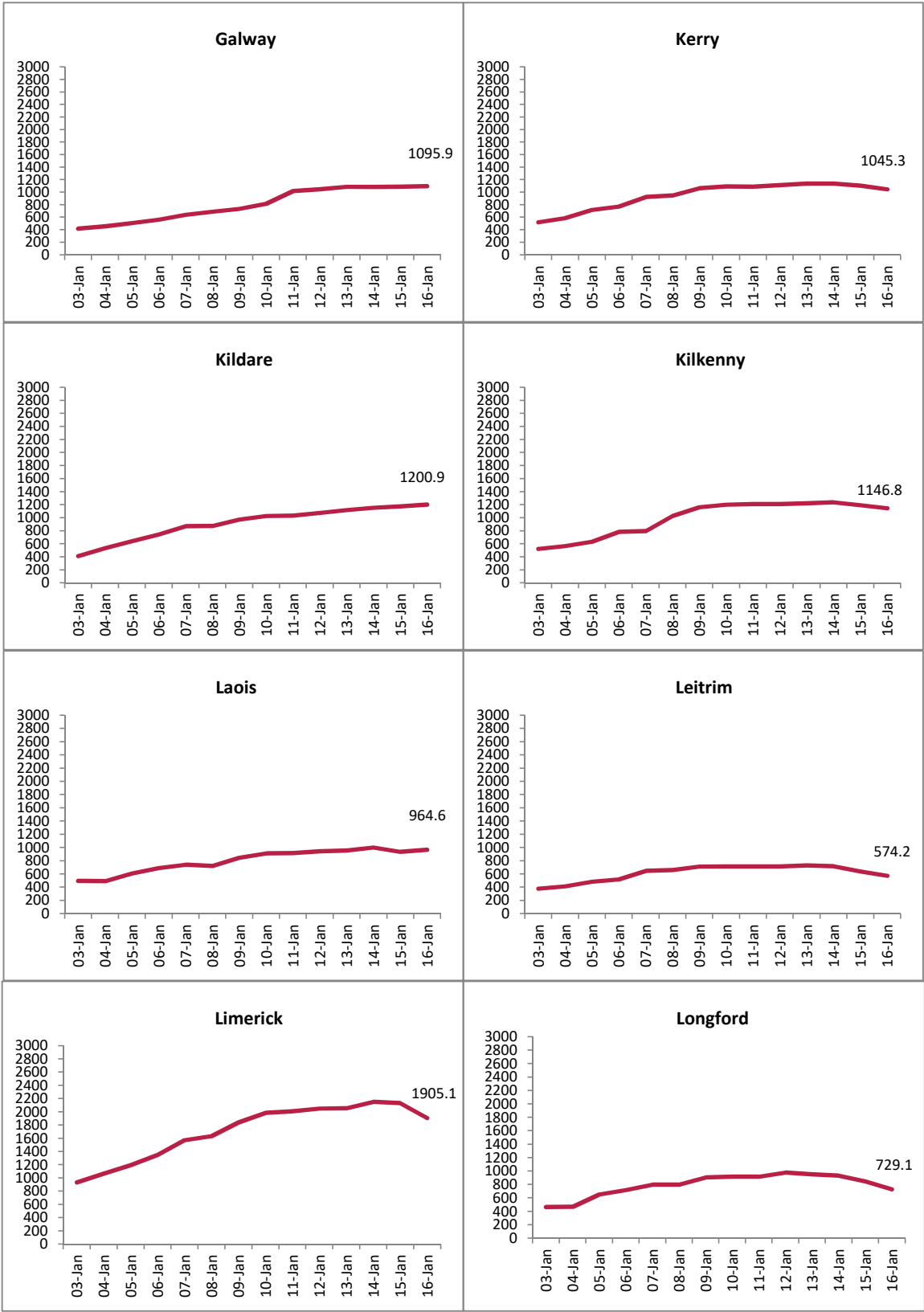
HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;

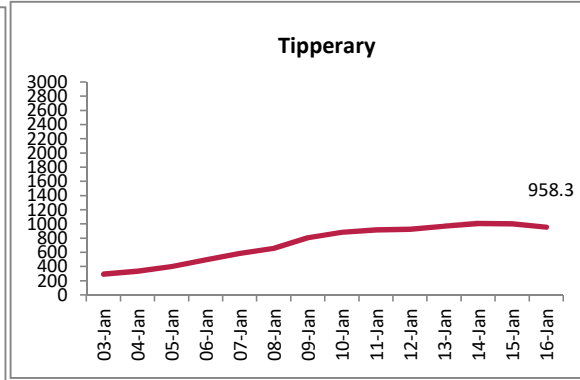
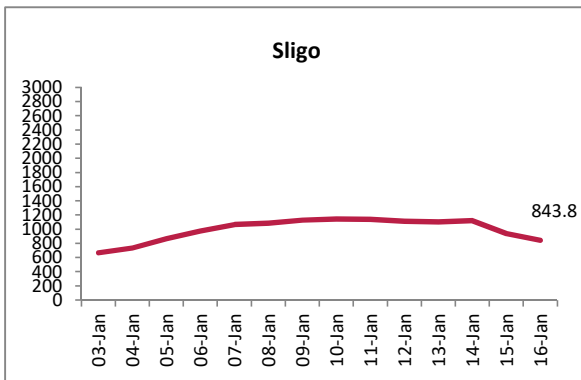
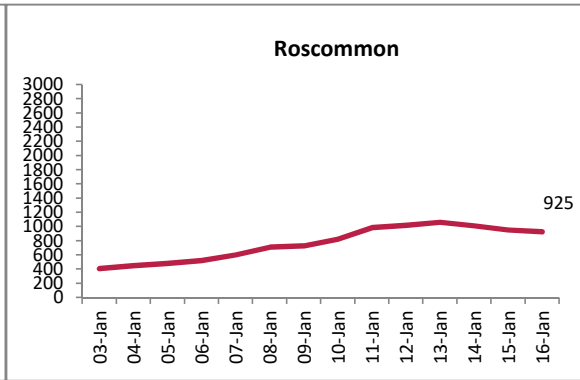
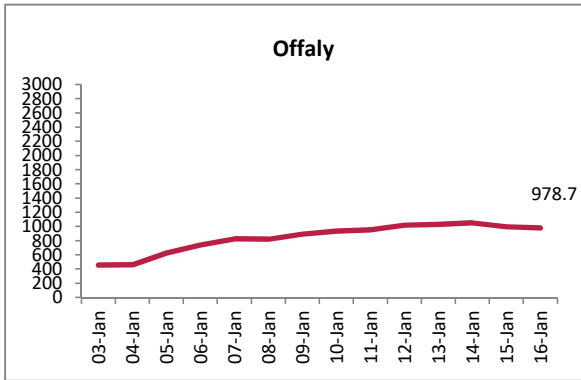
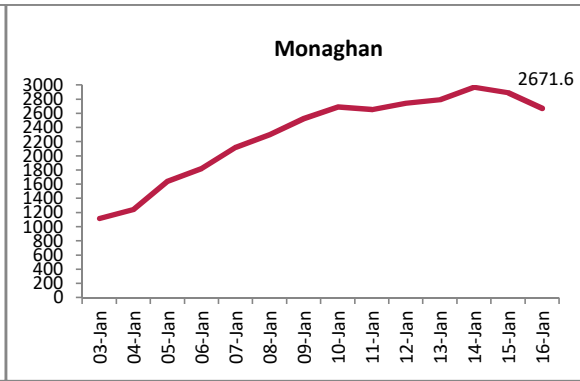
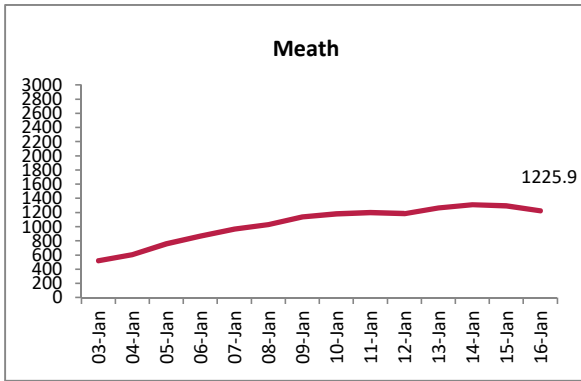
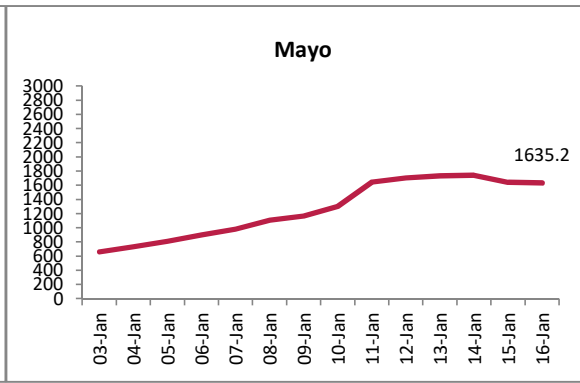
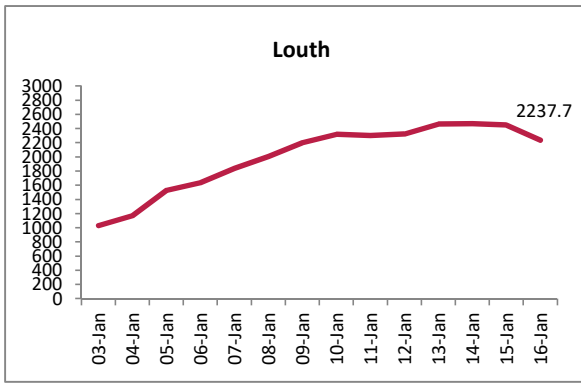
HSE West (W): Galway, Mayo & Roscommon.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (03/01/2021 to 16/01/2021)







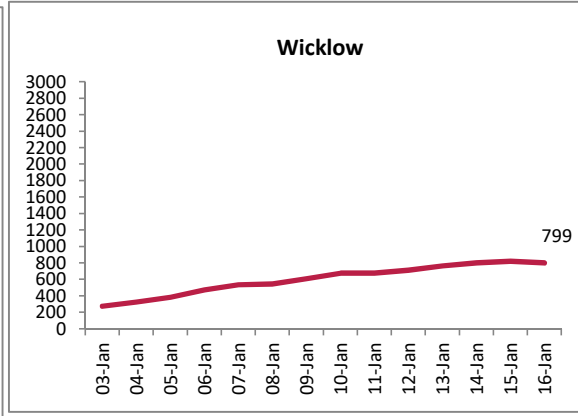
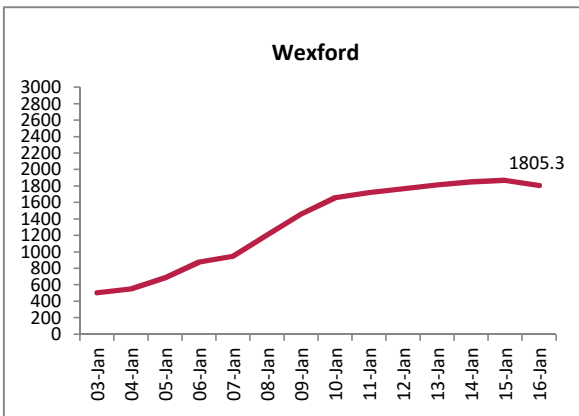
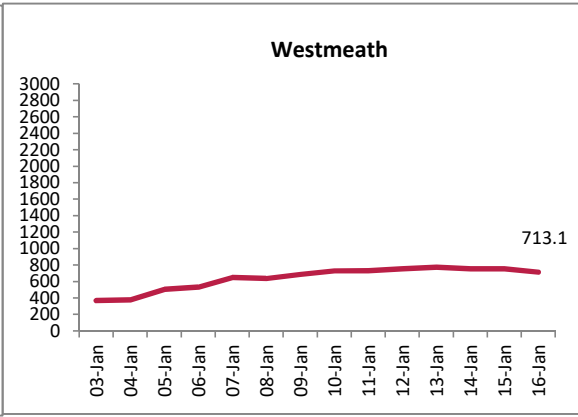
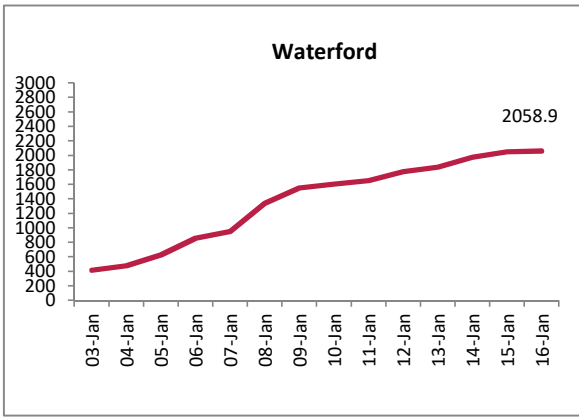
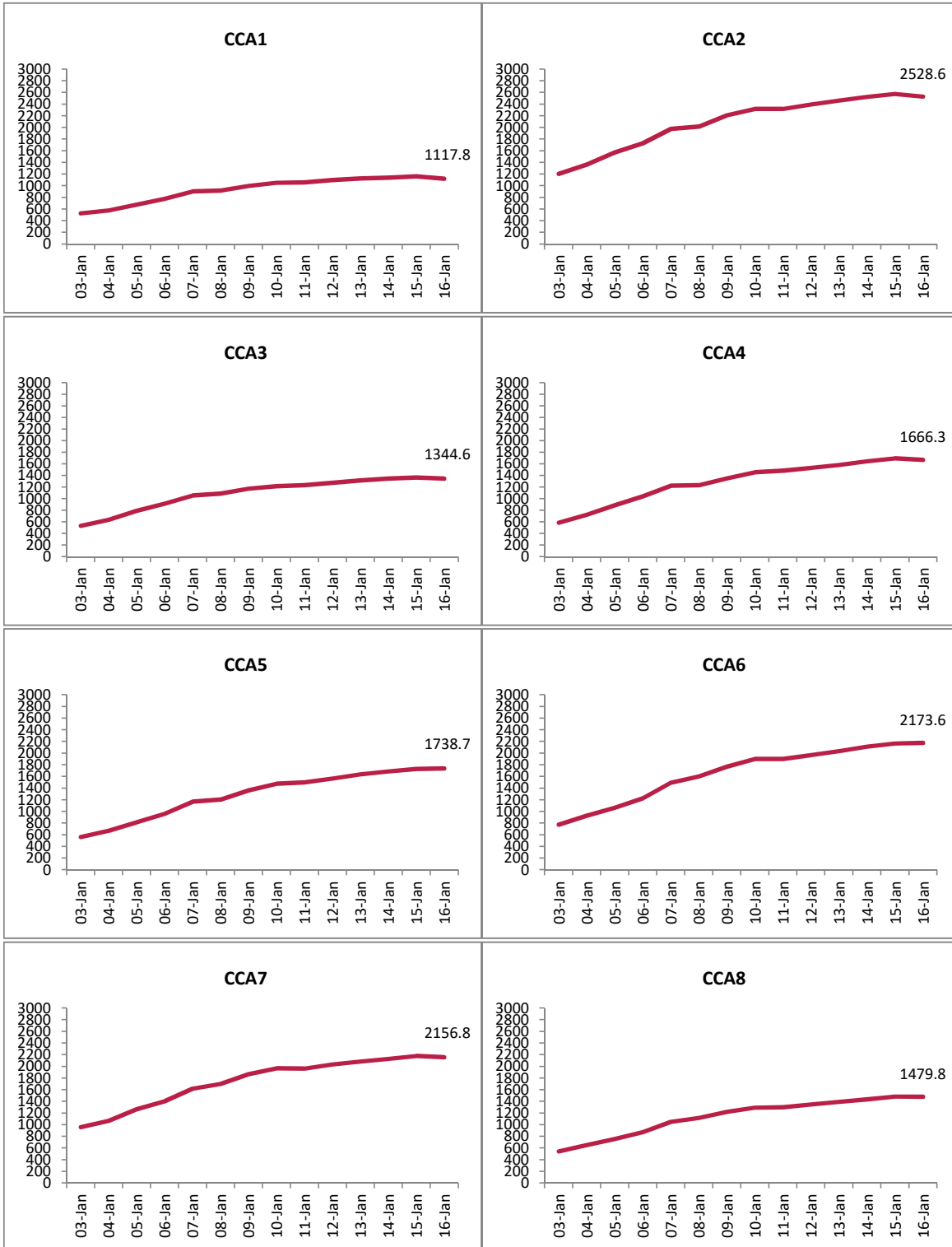


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (03/01/2021 to 16/01/2021)



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