



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 16/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 02/01/2021 up to midnight 15/01/2021

	Number	Percent
Total number of confirmed cases	72,864	
National incidence of confirmed cases per 100,000 population	1,530.16	
Number of cases hospitalised*	2,586	3.55
Number of cases admitted to ICU*	158	0.22
Number of deaths among confirmed cases	228	0.31
Case fatality ratio (CFR, %)	0.31	
National incidence of confirmed deaths per 100,000 population	4.79	
Males	34,285	47.05
Females	38,496	52.83
M:F ratio	0.89	
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

**Cases may be associated with outbreaks notified outside the timeframe of this report
02/01/2021 - 15/01/2021

Note 1: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:57 on 16/01/2021 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.

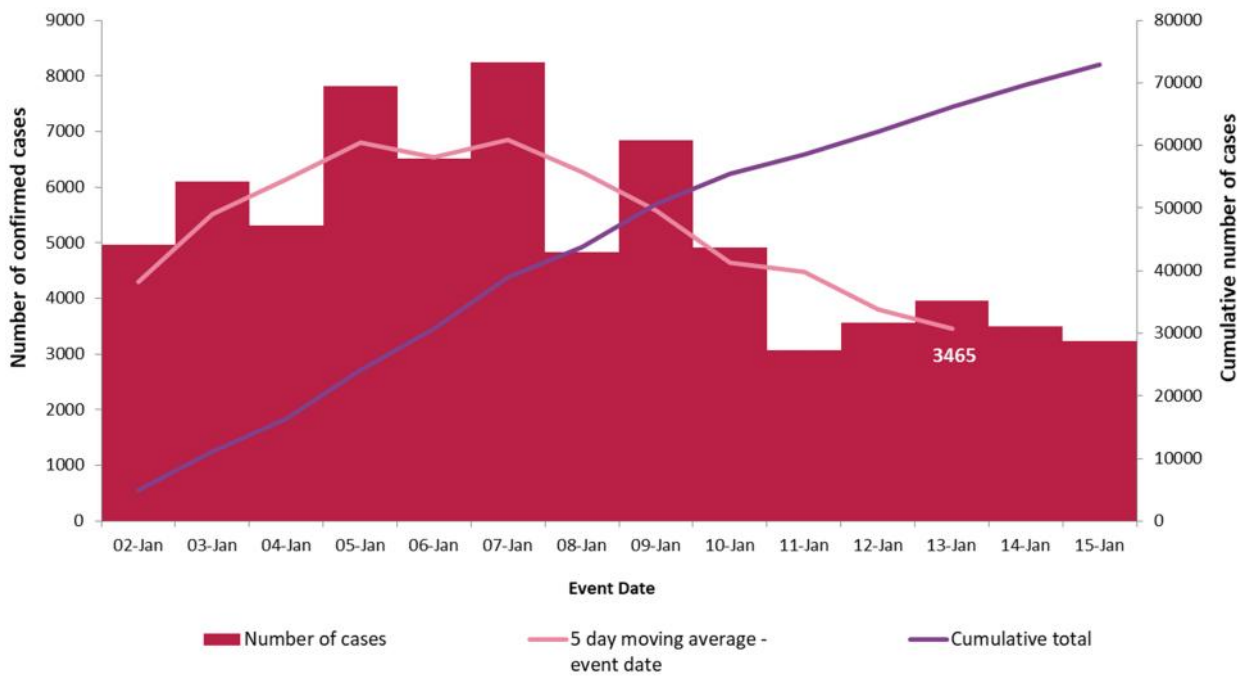


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=72,864)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 02/01/2021 up to midnight on 15/01/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		72,864	100
Sex	Male:Female ratio	0.89	
	Male	34,285	47.05
	Female	38,496	52.83
	Unknown	83	0.11
Age	Median age (years)	38	
	Mean age (years)	40	
	Age range (years)	0 - 120	
	0-4 yrs	1,428	1.96
	5-12 yrs	2,550	3.5
	13-18 yrs	4,368	5.99
	19-24 yrs	9,675	13.28
	25-34 yrs	13,865	19.03
	35-44 yrs	11,840	16.25
	45-54 yrs	11,331	15.55
	55-64 yrs	9,291	12.75
	65-74 yrs	4,239	5.82
	75-84 yrs	2,599	3.57
	85+ yrs	1,663	2.28
	Unknown	15	0.02

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 02/01/2021 to midnight 15/01/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	6,070	1551.3
CHO2	5561	1227.3
CHO3	6730	1748.1
CHO4	10,264	1486.3
CHO5	8,251	1616.8
CHO6	5894	1538.2
CHO7	10,093	1426.1
CHO8	8,291	1338.8
CHO9	11,705	1883.6
Unknown	5	
Total	72,864	1530.2

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 02/01/2021 to midnight 15/01/2021

County	Number of confirmed cases	Incidence per 100,000 population
Carlow	981	1723.1
Cavan	1187	1558.2
Clare	1897	1596.6
Cork	8636	1590.8
Donegal	2289	1437.9
Dublin	23925	1775.7
Galway	2807	1087.7
Kerry	1628	1102.2
Kildare	2606	1171.2
Kilkenny	1182	1191.1
Laois	792	935.1
Leitrim	205	639.7
Limerick	4158	2133.4
Longford	346	846.5
Louth	3161	2452.6
Mayo	2140	1639.8
Meath	2524	1294.1
Monaghan	1775	2891.5
Offaly	777	996.7
Roscommon	614	951.3
Sligo	618	943.0
Tipperary	1600	1002.8
Waterford	2383	2051.2
Westmeath	667	751.4
Wexford	2800	1870.1
Wicklow	1166	818.7
Total	72,864	1530.2

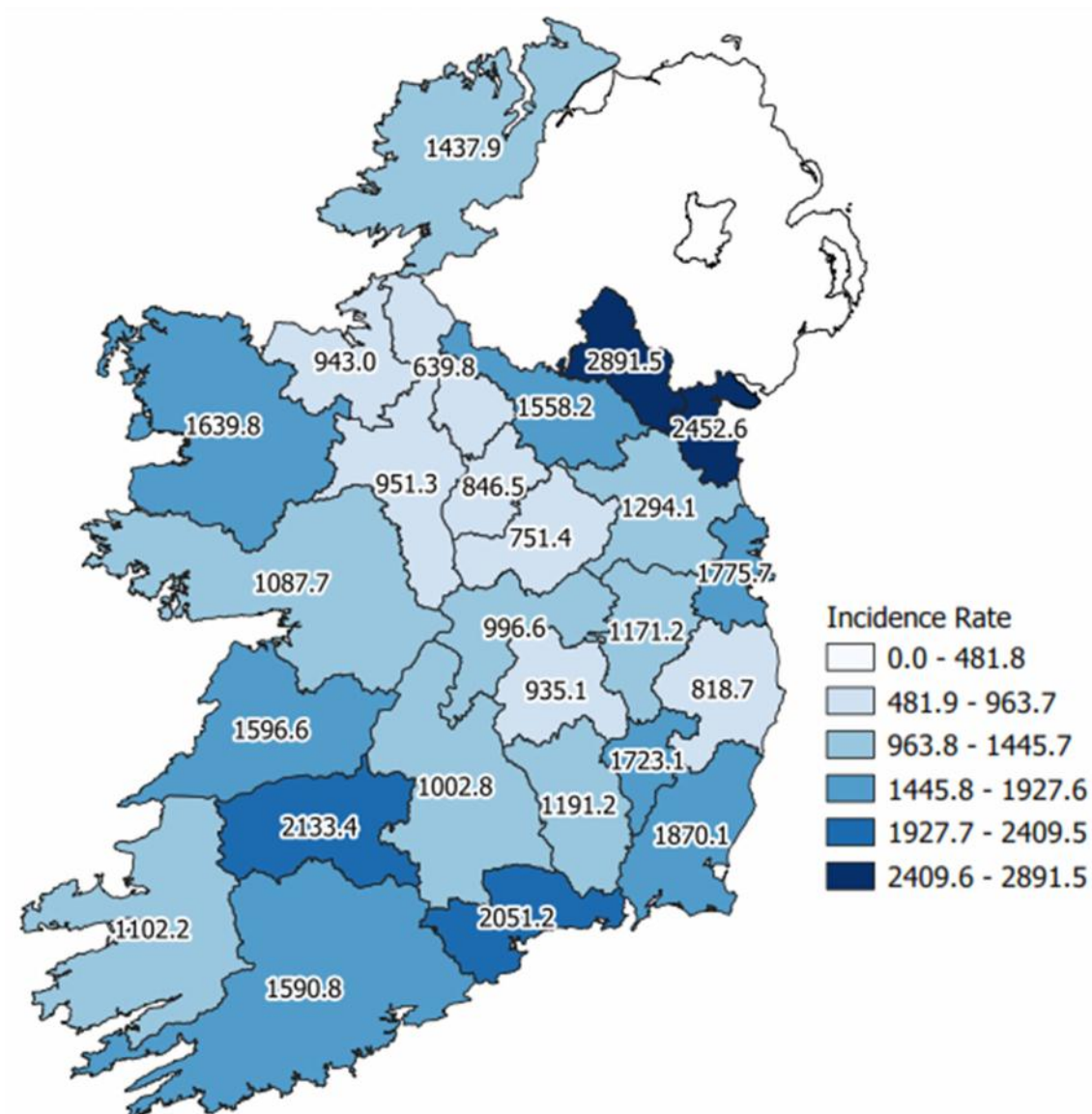


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 02/01/2021 and 15/01/2021

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 02/01/2021 and 15/01/2021

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	1576	1158.2
CCA2	Dublin South East	3184	2573.9
CCA3	Dublin South City	2045	1363.9
CCA4	Dublin South West	2725	1693.6
CCA5	Dublin West	2685	1728.4
CCA6	Dublin North West	4495	2164.5
CCA7	Dublin North Central	3364	2176.2
CCA8	Dublin North	3846	1484.1
	Unknown	5	
	Dublin	23925	1775.7

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.

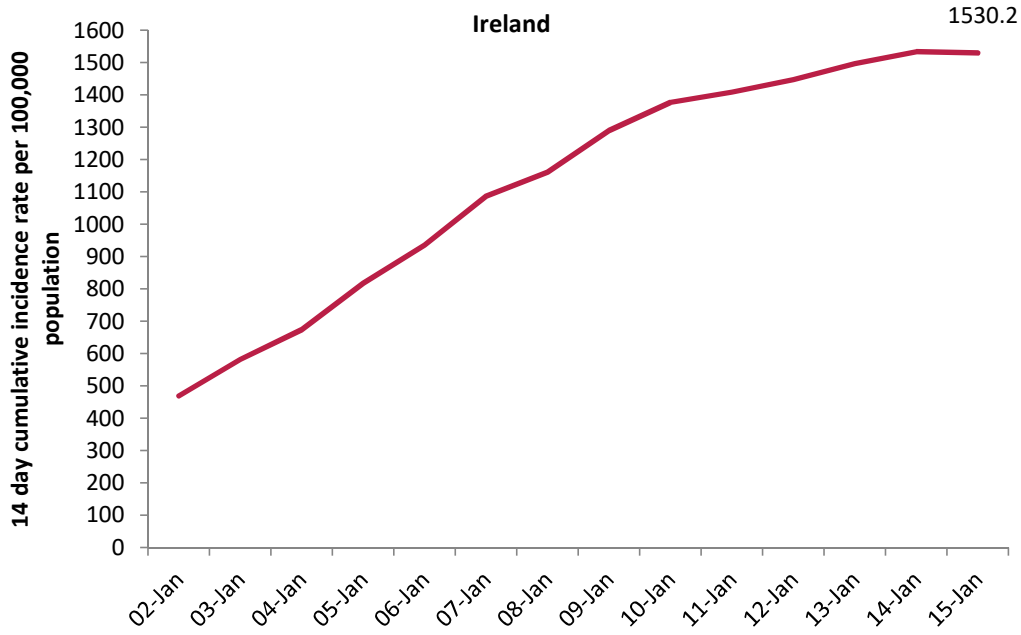


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (02/01/2021 to 15/01/2021)

14 day incidence rates per 100,000 populations of confirmed cases of COVID-19 for individual counties can be found in appendix 4 of this report

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 02/01/2021 to midnight 15/01/2021 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	1428	28	1.08	2	1.27
5-12 yrs	2550	11	0.43	0	0.00
13-18 yrs	4368	30	1.16	1	0.63
19-24 yrs	9675	85	3.29	0	0.00
25-34 yrs	13865	175	6.77	6	3.80
35-44 yrs	11840	190	7.35	8	5.06
45-54 yrs	11331	266	10.29	29	18.35
55-64 yrs	9291	343	13.26	41	25.95
65-74 yrs	4239	467	18.06	42	26.58
75-84 yrs	2599	592	22.89	22	13.92
85+ yrs	1663	399	15.43	7	4.43
Unknown	15			0	0.00
Total	72,864	2586	100	158	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 09:57 on 16/01/2021. 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;

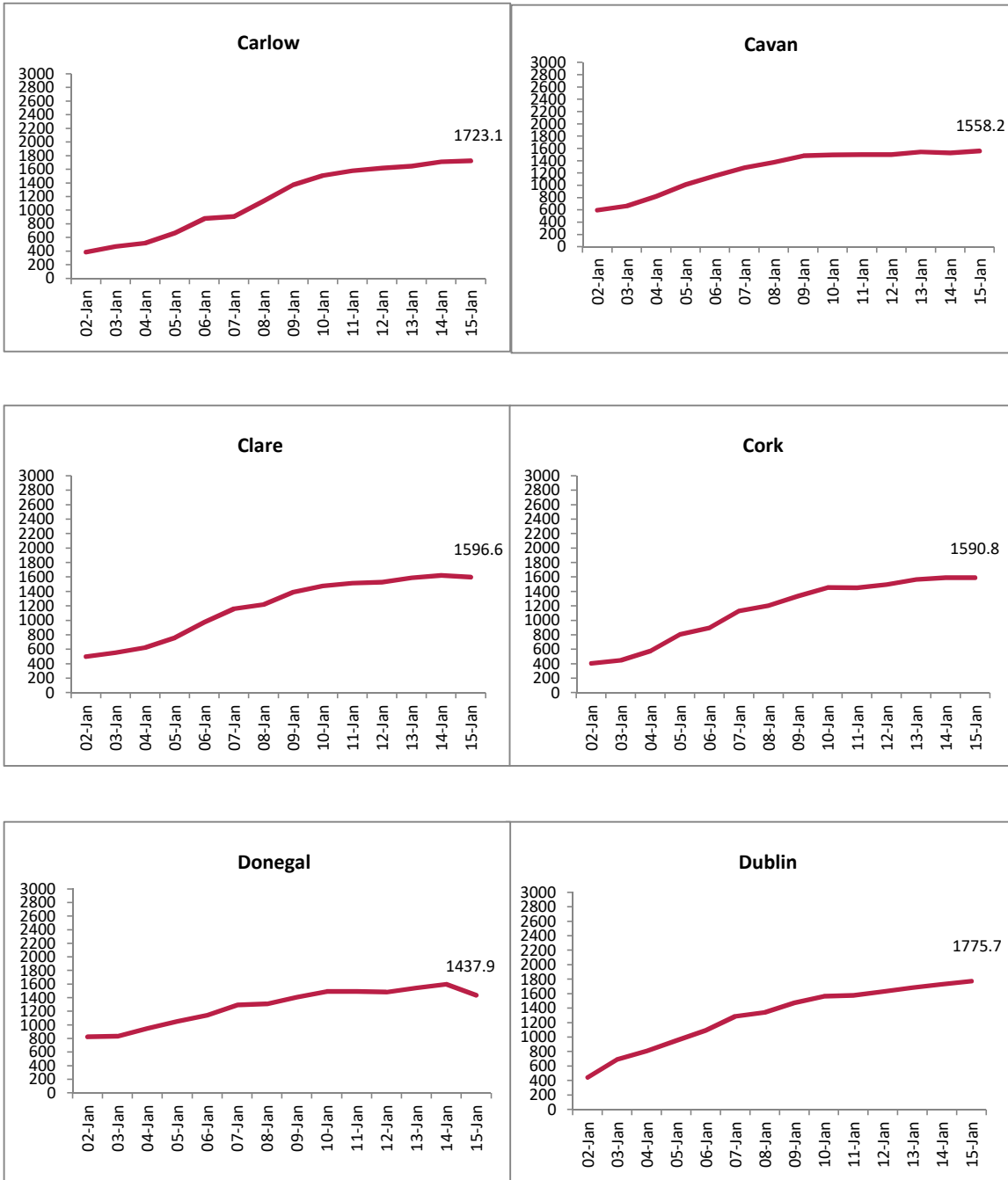
HSE South (S): Kerry & Cork;

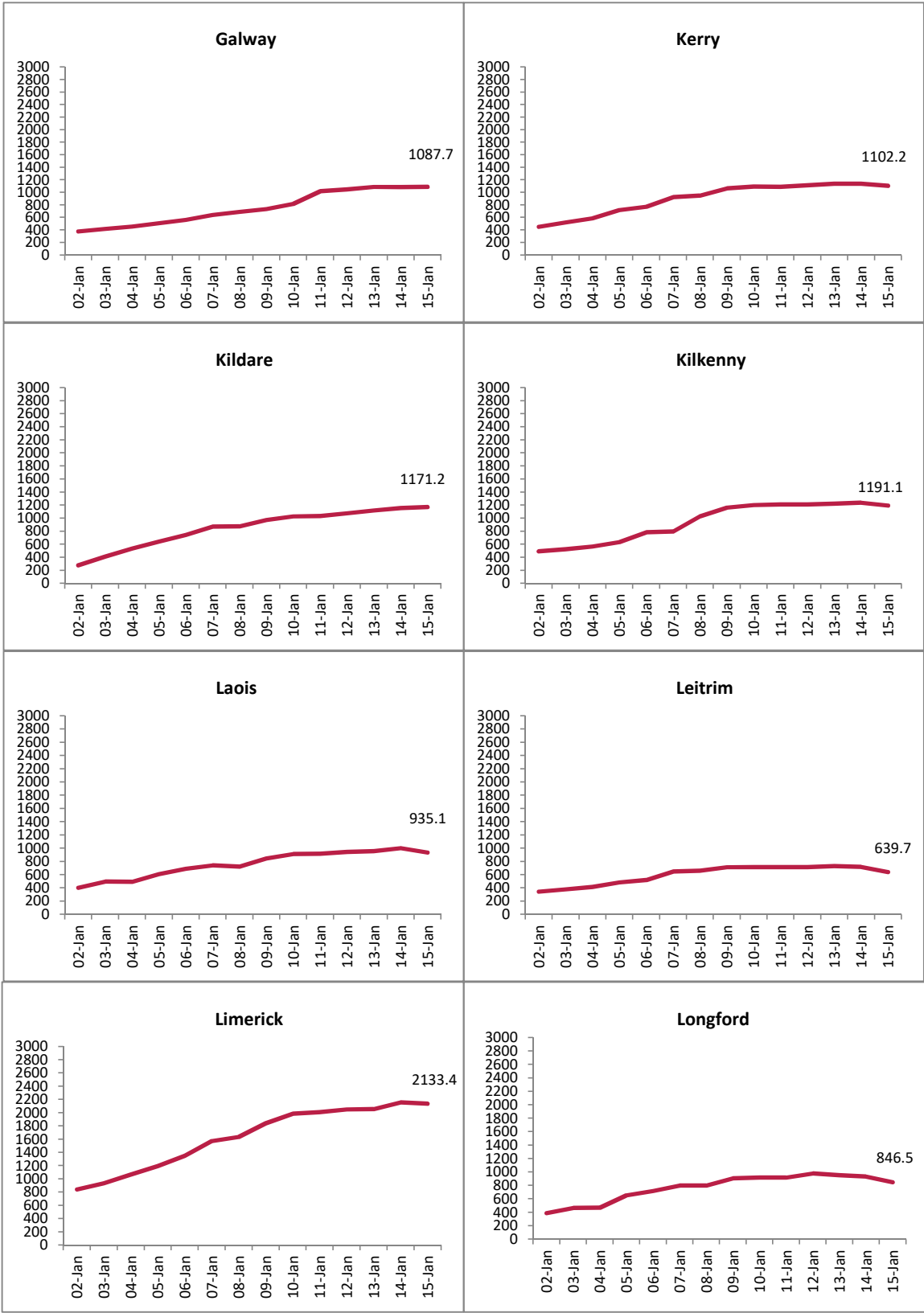
HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;

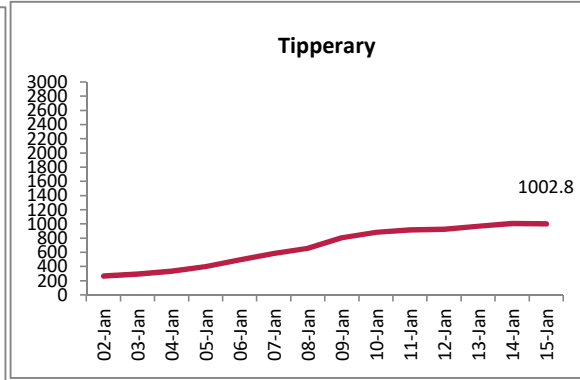
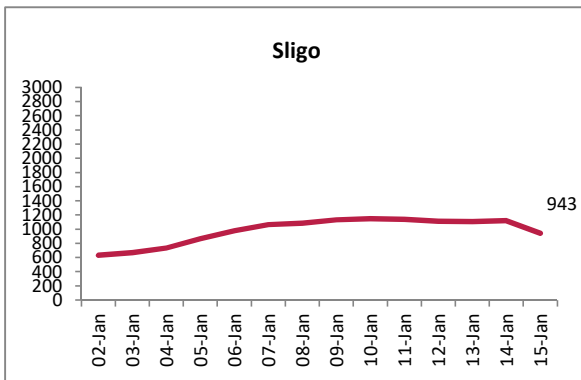
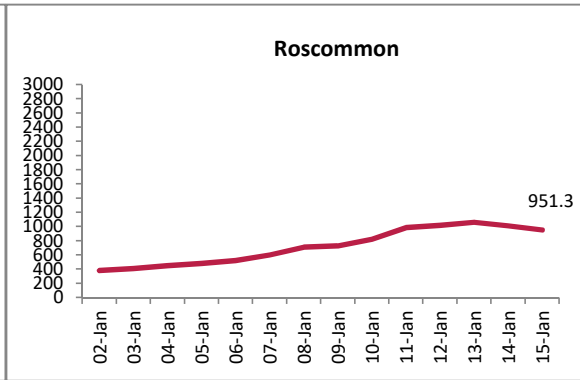
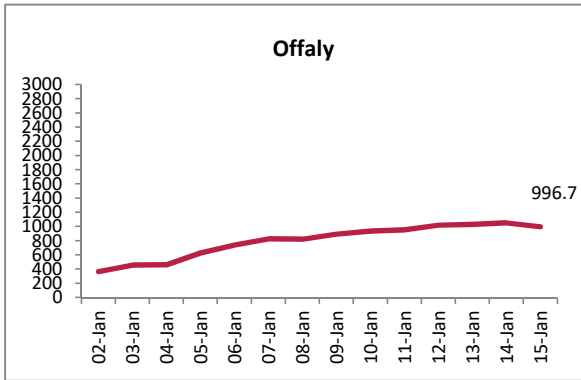
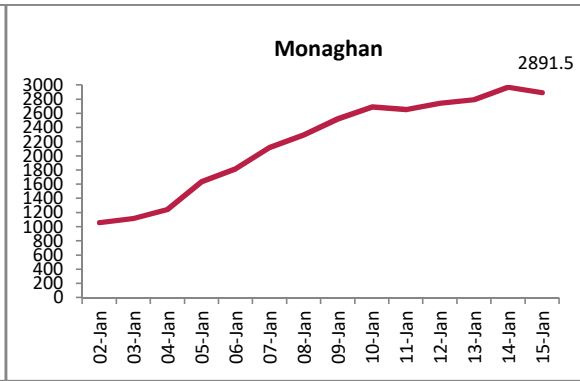
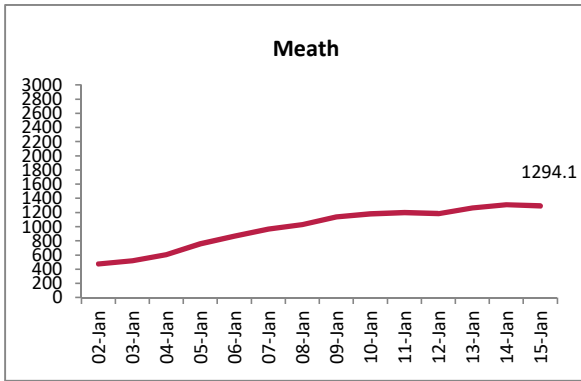
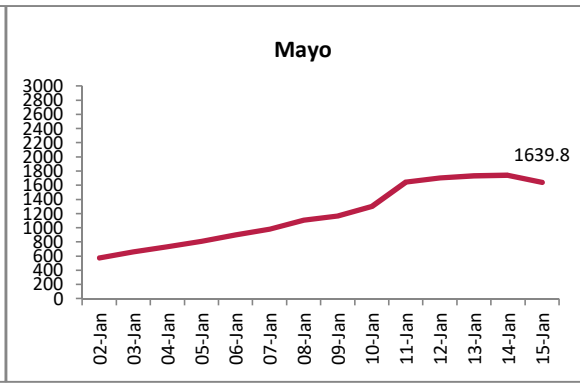
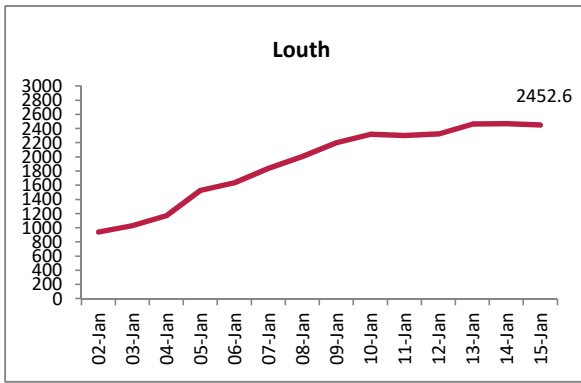
HSE West (W): Galway, Mayo & Roscommon.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (02/01/2021 to 15/01/2021)







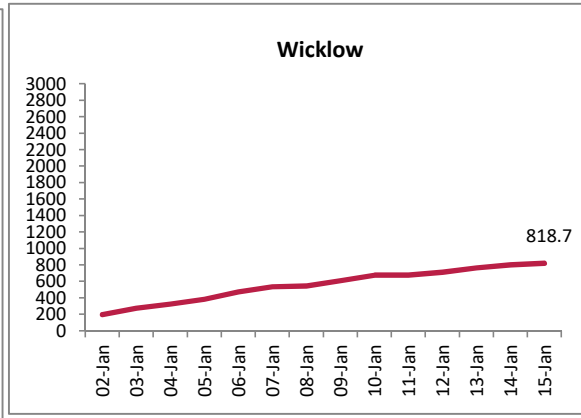
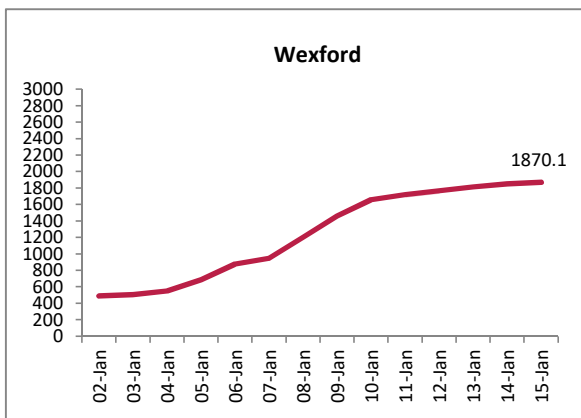
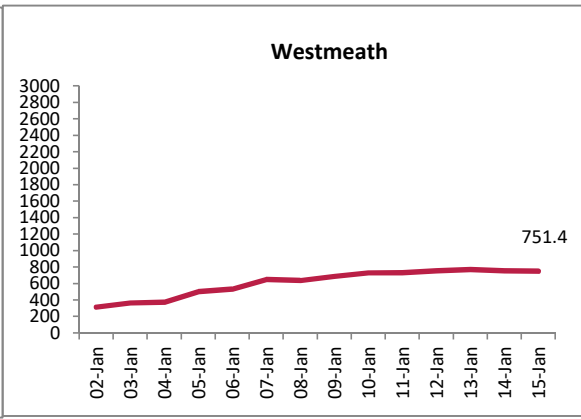
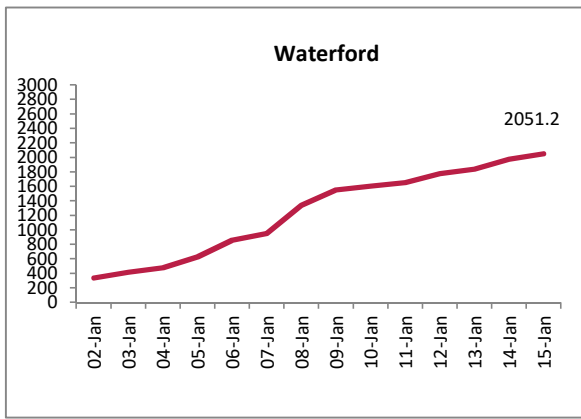
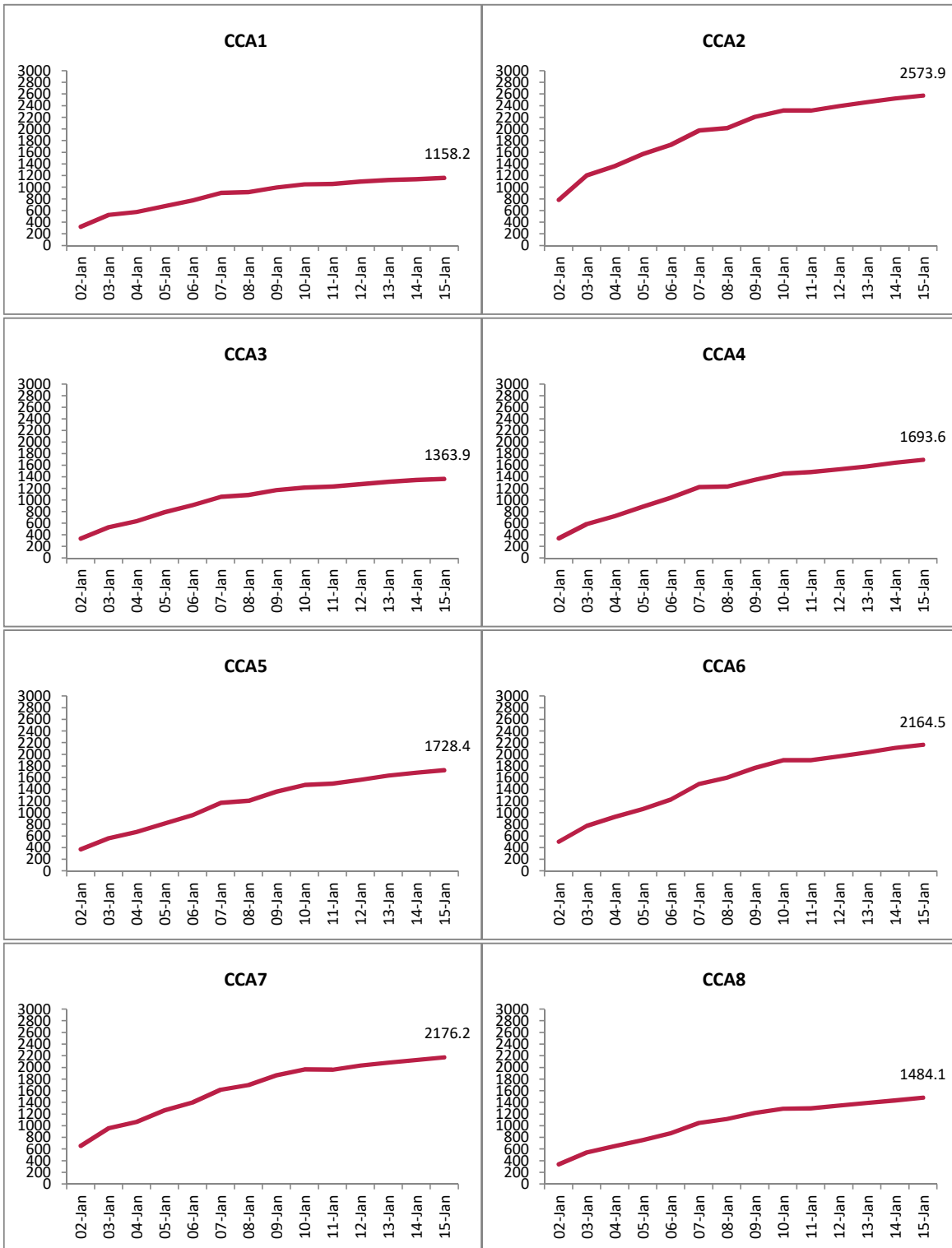


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (02/01/2021 to 15/01/2021)



Report prepared by Health Protection Surveillance Centre on 16/01/2021