



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 19/01/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 05/01/2021 up to midnight 18/01/2021

	Number	Percent
Total number of confirmed cases	63,551	
National incidence of confirmed cases per 100,000 population	1,334.58	
Number of cases hospitalised*	2,652	4.17
Number of cases admitted to ICU*	168	0.26
Number of deaths among confirmed cases	257	0.4
Case fatality ratio (CFR, %)	0.4	
National incidence of confirmed deaths per 100,000 population	5.4	
Males	29,693	46.72
Females	33,825	53.22
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 09:38 on 19/01/2021 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.

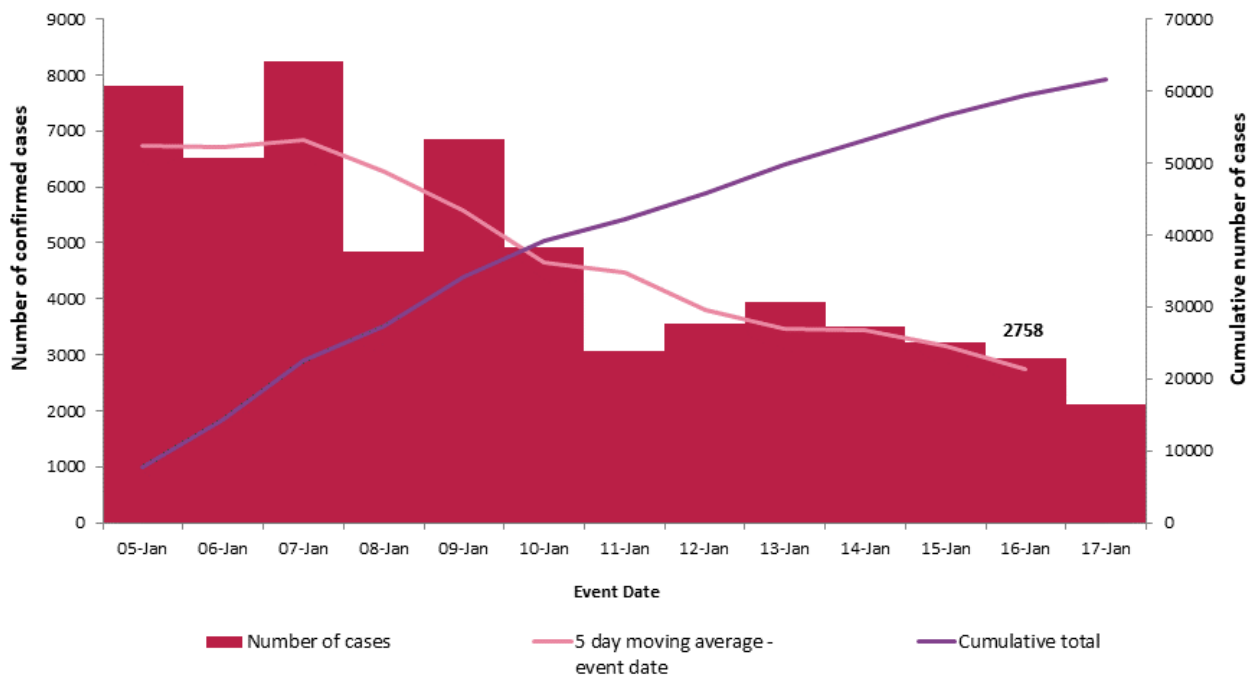


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=63,551)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 05/01/2021 up to midnight on 18/01/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		63,551	100
Sex	Male:Female ratio	0.88	
	Male	29,693	46.72
	Female	33,825	53.22
	Unknown	33	0.05
Age	Median age (years)	39	
	Mean age (years)	41	
	Age range (years)	0 - 104	
	0-4 yrs	1,218	1.92
	5-12 yrs	2,100	3.3
	13-18 yrs	3,717	5.85
	19-24 yrs	8,070	12.7
	25-34 yrs	11,769	18.52
	35-44 yrs	10,521	16.56
	45-54 yrs	10,057	15.83
	55-64 yrs	8,049	12.67
	65-74 yrs	3,743	5.89
	75-84 yrs	2,517	3.96
	85+ yrs	1,750	2.75
	Unknown	40	0.06

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 05/01/2021 to midnight 18/01/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	5,249	1341.5
CHO2	5346	1179.8
CHO3	5608	1456.6
CHO4	9,343	1352.9
CHO5	7,837	1535.7
CHO6	4719	1231.6
CHO7	8,411	1188.5
CHO8	7,310	1180.4
CHO9	9,725	1565.0
Unknown	3	
Total	63,551	1334.6

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 05/01/2021 to midnight 18/01/2021

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	1574	2564.1
Louth	2693	2089.5
Waterford	2229	1918.6
Wexford	2739	1829.4
Limerick	3325	1706.0
Carlow	928	1630.0
Mayo	2053	1573.1
Cork	7988	1471.4
Dublin	19598	1454.5
Clare	1647	1386.2
Donegal	2039	1280.8
Cavan	974	1278.6
Meath	2185	1120.3
Galway	2721	1054.4
Kilkenny	1031	1039.0
Kildare	2240	1006.7
Tipperary	1558	976.5
Offaly	732	938.9
Laois	791	933.9
Kerry	1355	917.4
Roscommon	572	886.2
Sligo	498	759.9
Wicklow	1019	715.5
Westmeath	616	693.9
Longford	278	680.2
Leitrim	168	524.3
Total	63,551	1334.6

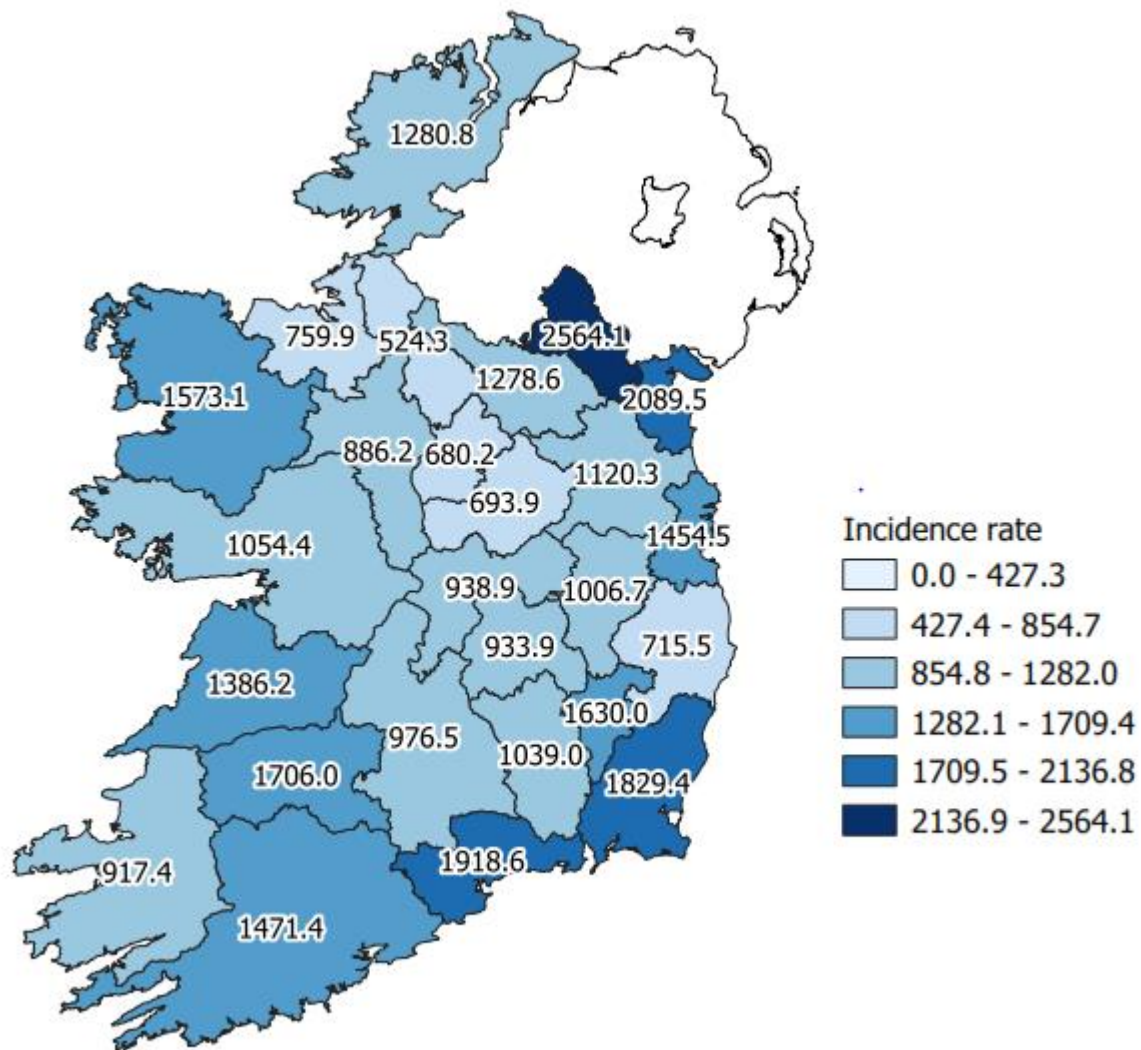


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 05/01/2021 and 18/01/2021

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 05/01/2021 and 18/01/2021

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	1248	917.1
CCA2	Dublin South East	2483	2007.2
CCA3	Dublin South City	1650	1100.5
CCA4	Dublin South West	2174	1351.2
CCA5	Dublin West	2316	1490.9
CCA6	Dublin North West	3784	1822.1
CCA7	Dublin North Central	2781	1799.0
CCA8	Dublin North	3160	1219.4
	Unknown	2	
	Dublin	19598	1454.5

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.

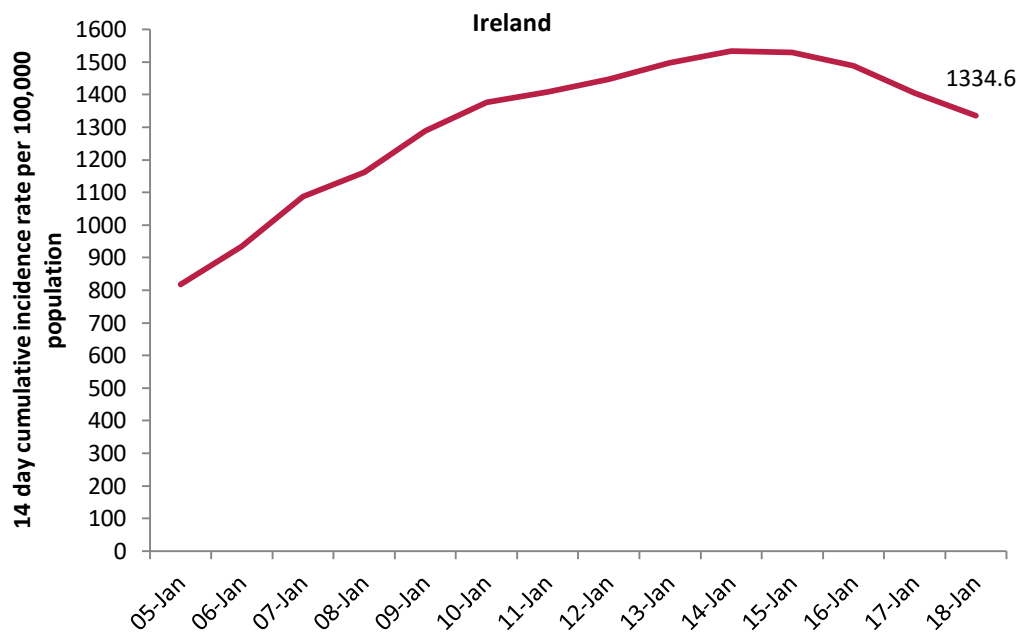


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (05/01/2021 to 18/01/2021)

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 05/01/2021 to midnight 18/01/2021 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	1218	25	0.94	2	1.19
5-12 yrs	2100	12	0.45	0	0
13-18 yrs	3717	27	1.02	0	0
19-24 yrs	8070	82	3.09	0	0
25-34 yrs	11769	174	6.56	5	2.98
35-44 yrs	10521	190	7.16	9	5.36
45-54 yrs	10057	264	9.95	30	17.86
55-64 yrs	8049	361	13.61	44	26.19
65-74 yrs	3743	477	17.99	43	25.60
75-84 yrs	2517	609	22.96	27	16.07
85+ yrs	1750	431	16.25	8	4.76
Unknown	40			0	0
Total	63,551	2652	100	168	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 05/01/2021 up to midnight 18/01/2021

	Number	Percent
Total number of deaths	263	
Total number of cases hospitalised	119	45.25
Cases admitted to ICU	14	5.32
Cases not admitted to ICU	105	39.92
Total number of male cases	151	57.41
M:F ratio	1.35	
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 05/01/2021 up to midnight 18/01/2021

Age group (years)	Female	Male	Total	Percent
25-54 yrs	*	*	8	3.04
55-64 yrs	5	9	14	5.32
65-74 yrs	17	23	40	15.21
75-84 yrs	32	66	98	37.26
85+ yrs	56	47	103	39.16
Total	112	151	263	100
Percent	42.59	57.41		

* 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 09:38 on 19/01/2021. 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.

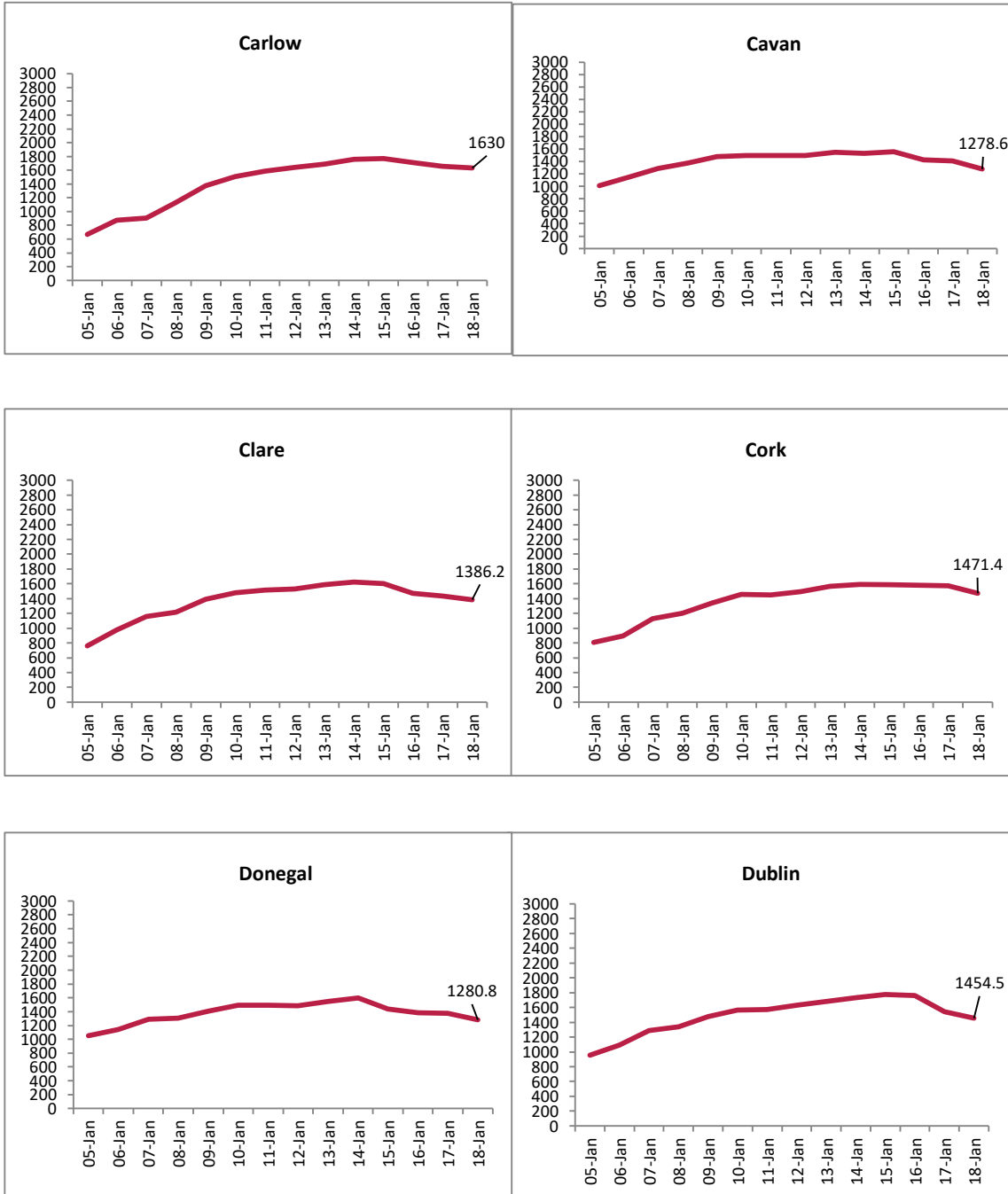
3. HSE areas

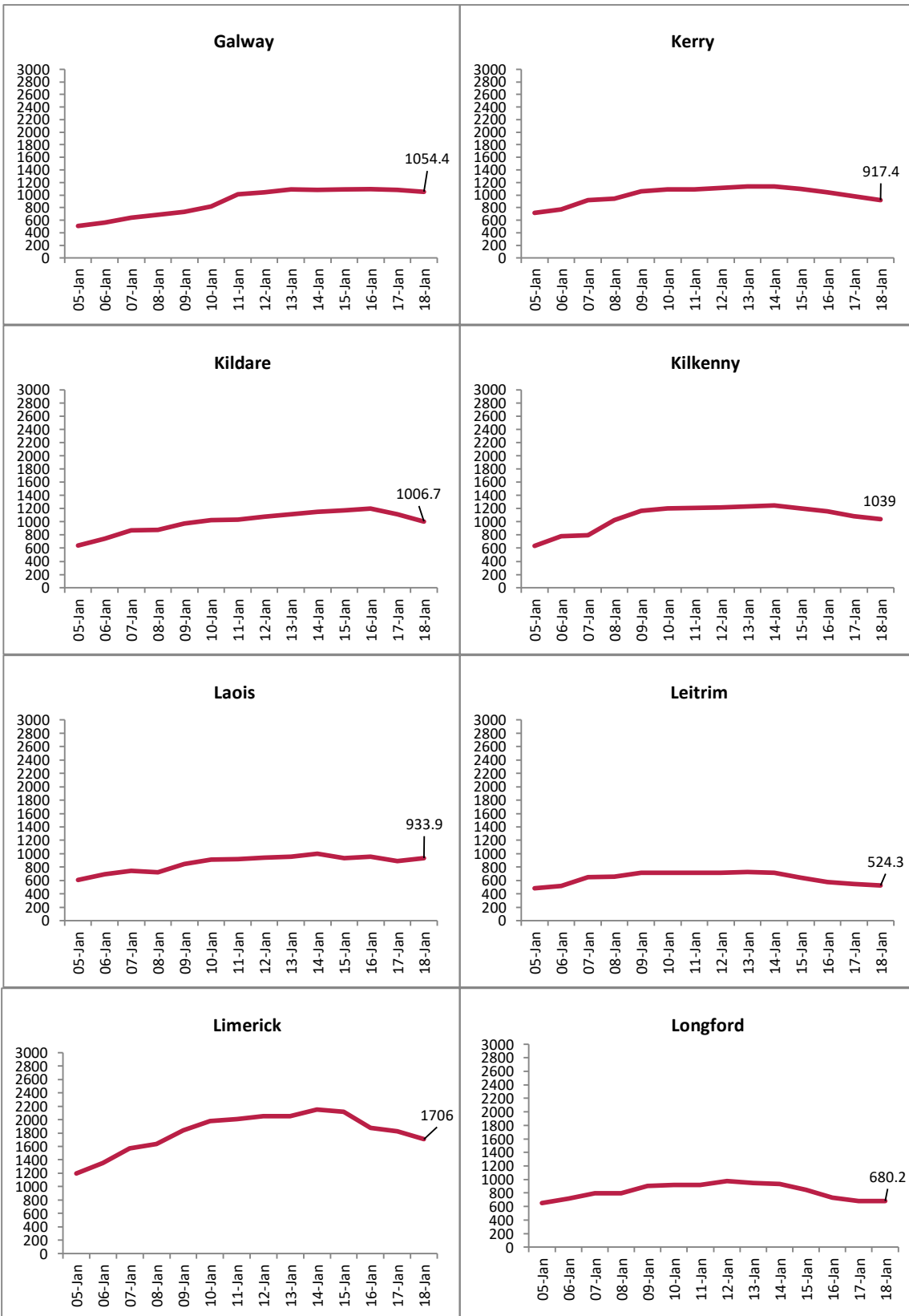
The counties covered by each HSE area are as follows:

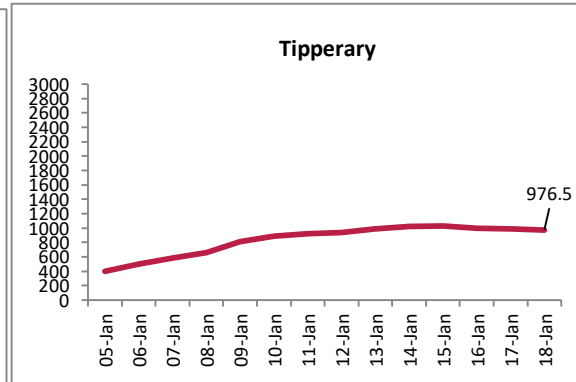
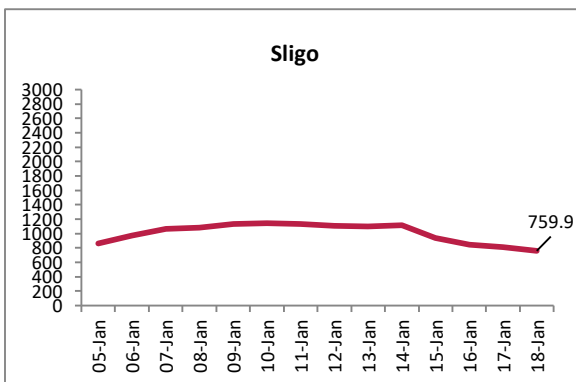
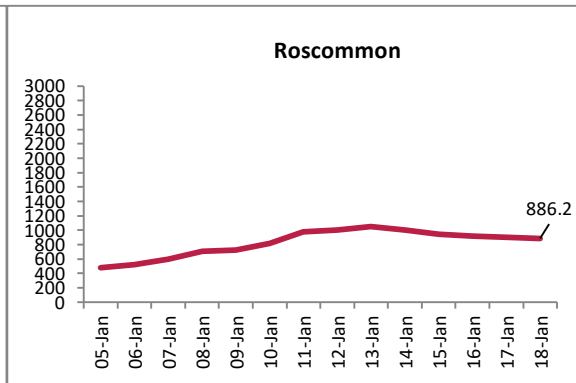
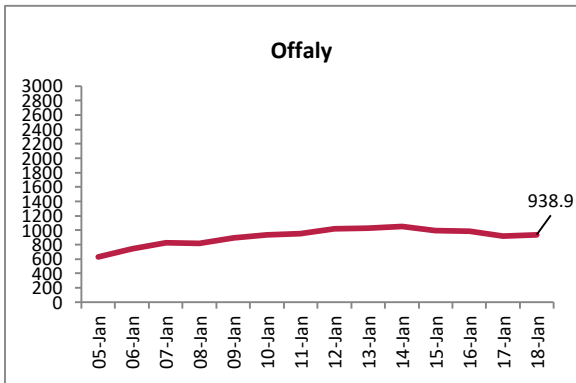
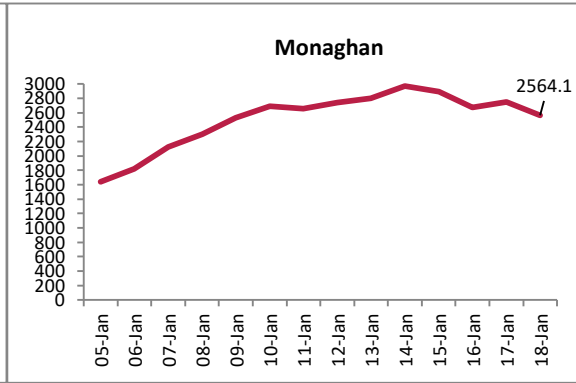
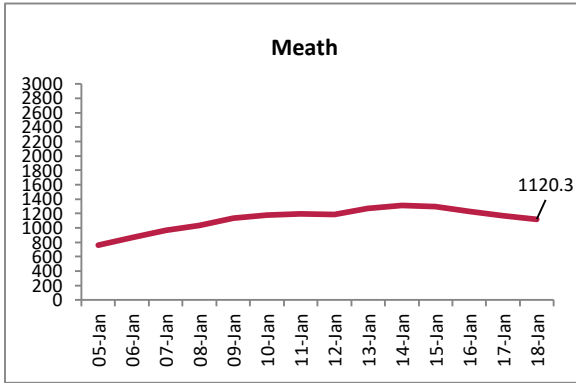
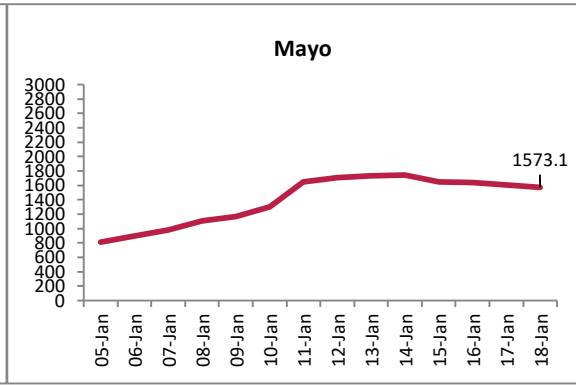
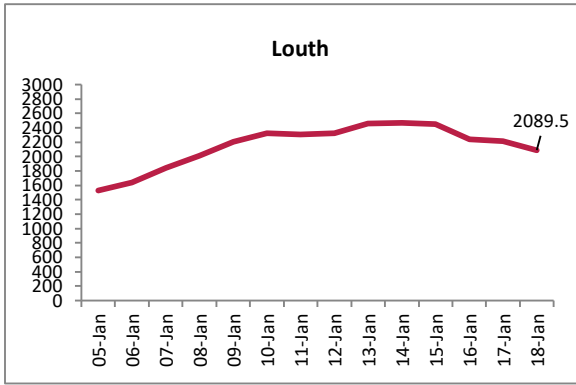
- HSE East (E): Dublin, Kildare & Wicklow;
- HSE Midlands (M): Laois, Longford, Offaly & Westmeath;
- HSE Midwest (MW): Clare, Limerick & N. Tipperary;
- HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;
- HSE Northwest (NW): Donegal, Leitrim & Sligo;
- HSE South (S): Kerry & Cork;
- HSE Southeast (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 (05/01/2021 to 18/01/2021)







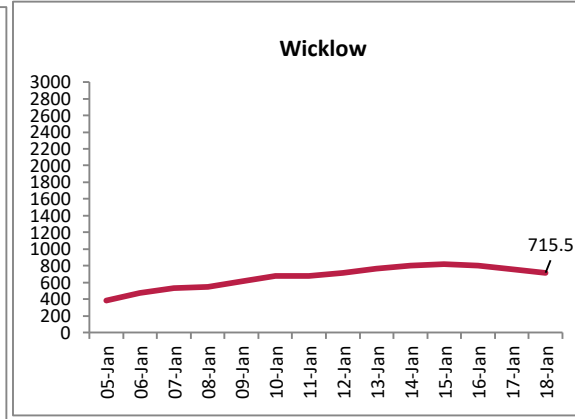
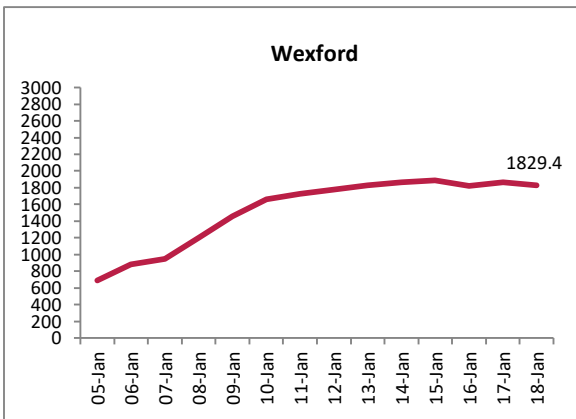
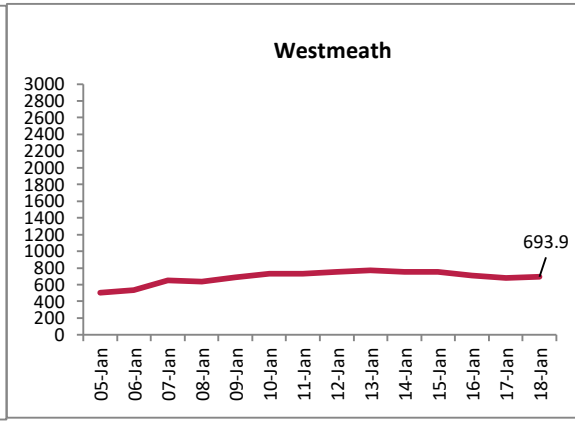
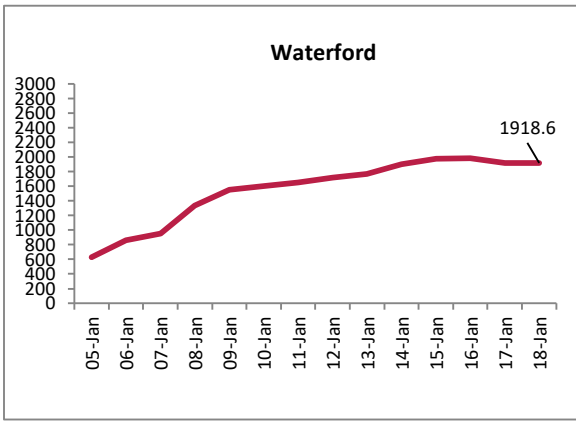


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (05/01/2021 to 18/01/2021)

