



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 15/03/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 01/03/2021 up to midnight 14/03/2021

	Number	Percent
Total number of confirmed cases	7,064	
National incidence of confirmed cases per 100,000 population	148.35	
Number of cases hospitalised*	414	5.86
Number of cases admitted to ICU*	14	0.2
Number of deaths among confirmed cases	7	0.1
Case fatality ratio (CFR, %)	0.1	
National incidence of confirmed deaths per 100,000 population	0.15	
Number of cases** associated with clusters	1,117	15.81
Number of imported cases	41	0.58
Number of cases in healthcare workers	271	3.84
Males	3,561	50.41
Females	3,489	49.39
M:F ratio	1.02	
Median age (years)	32	
Mean age (years)	34	
Age range (years)	0 - 97	

* 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
01/03/2021 - 14/03/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 15/03/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

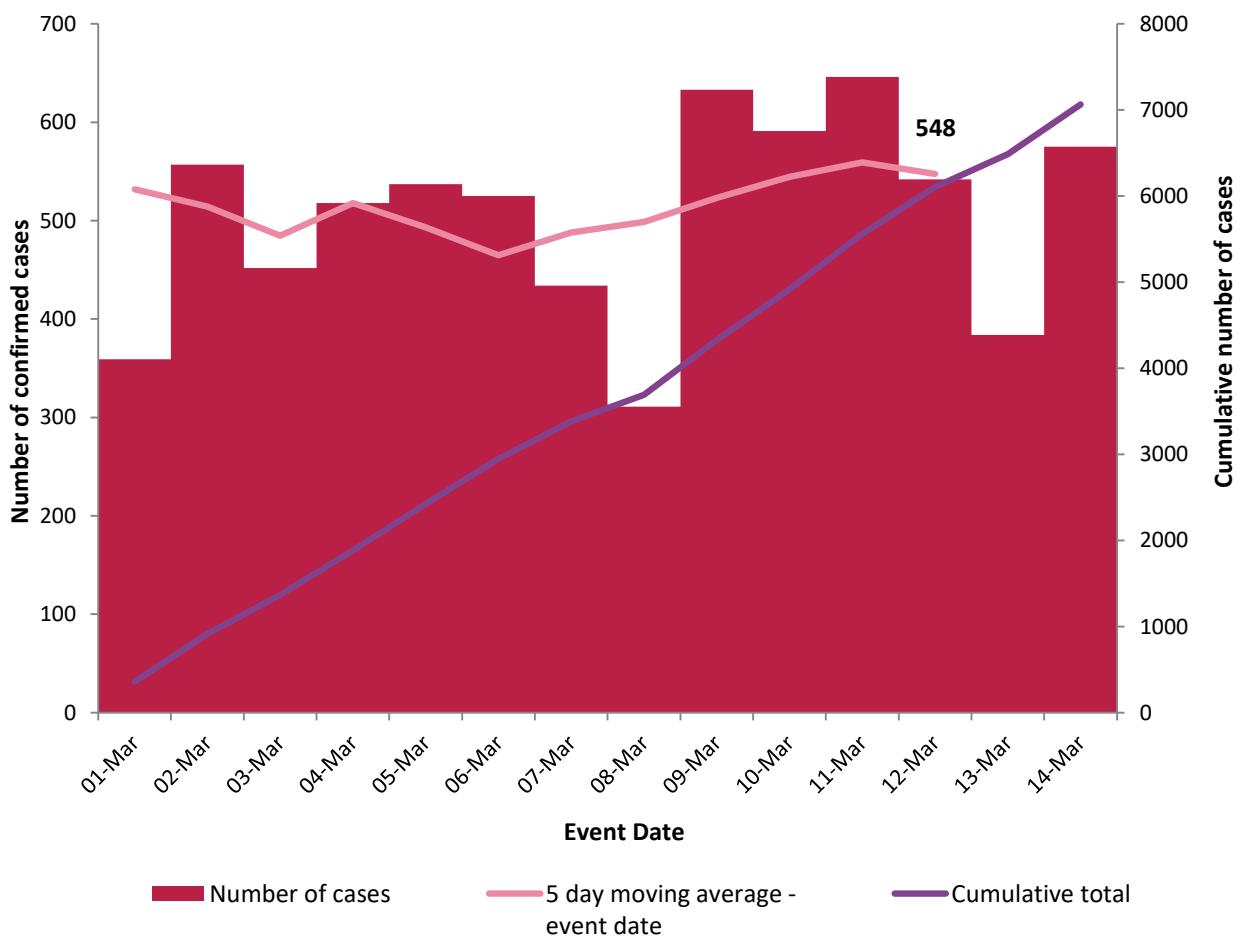


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=7,064)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 01/03/2021 up to midnight on 14/03/2021

Characteristic	Number of cases	Percent
Total number of confirmed cases	7,064	100
Sex	Male:Female ratio	1.02
	Male	3,561
	Female	3,489
	Unknown	14
Age	Median age (years)	32
	Mean age (years)	34
	Age range (years)	0 - 97
	0-4 yrs	455
	5-12 yrs	695
	13-18 yrs	586
	19-24 yrs	947
	25-34 yrs	1,187
	35-44 yrs	1,139
	45-54 yrs	857
	55-64 yrs	604
	65-74 yrs	325
	75-84 yrs	192
	85+ yrs	76
	Unknown	1
Symptom status at time of test*	Yes	57.43
	No	20.5
	Unknown	22.07

*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 01/03/2021 to midnight 14/03/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	391	99.9
CHO2	509	112.3
CHO3	449	116.6
CHO4	359	52.0
CHO5	446	87.4
CHO6	662	172.8
CHO7	1,146	161.9
CHO8	1,259	203.3
CHO9	1,843	296.6
Total	7,064	148.3

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 01/03/2021 to midnight 14/03/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (10/03/2021-14/03/2021)
Longford	144	352.3	9
Offaly	264	338.6	24
Kildare	504	226.5	52
Dublin	3,010	223.4	222
Meath	416	213.3	33
Westmeath	161	181.4	10
Louth	205	159.1	12
Donegal	225	141.3	25
Limerick	272	139.6	17
Carlow	75	131.7	7
Galway	299	115.9	29
Tipperary	177	110.9	14
Roscommon	70	108.5	8
Mayo	140	107.3	8
Waterford	120	103.3	10
Wicklow	137	96.2	10
Monaghan	54	88.0	3
Wexford	125	83.5	12
Laois	69	81.5	4
Sligo	53	80.9	4
Clare	85	71.5	4
Cavan	49	64.3	3
Cork	284	52.3	20
Kerry	75	50.8	5
Kilkenny	41	41.3	1
Leitrim	10	31.2	1
Total	7,064	148.3	548

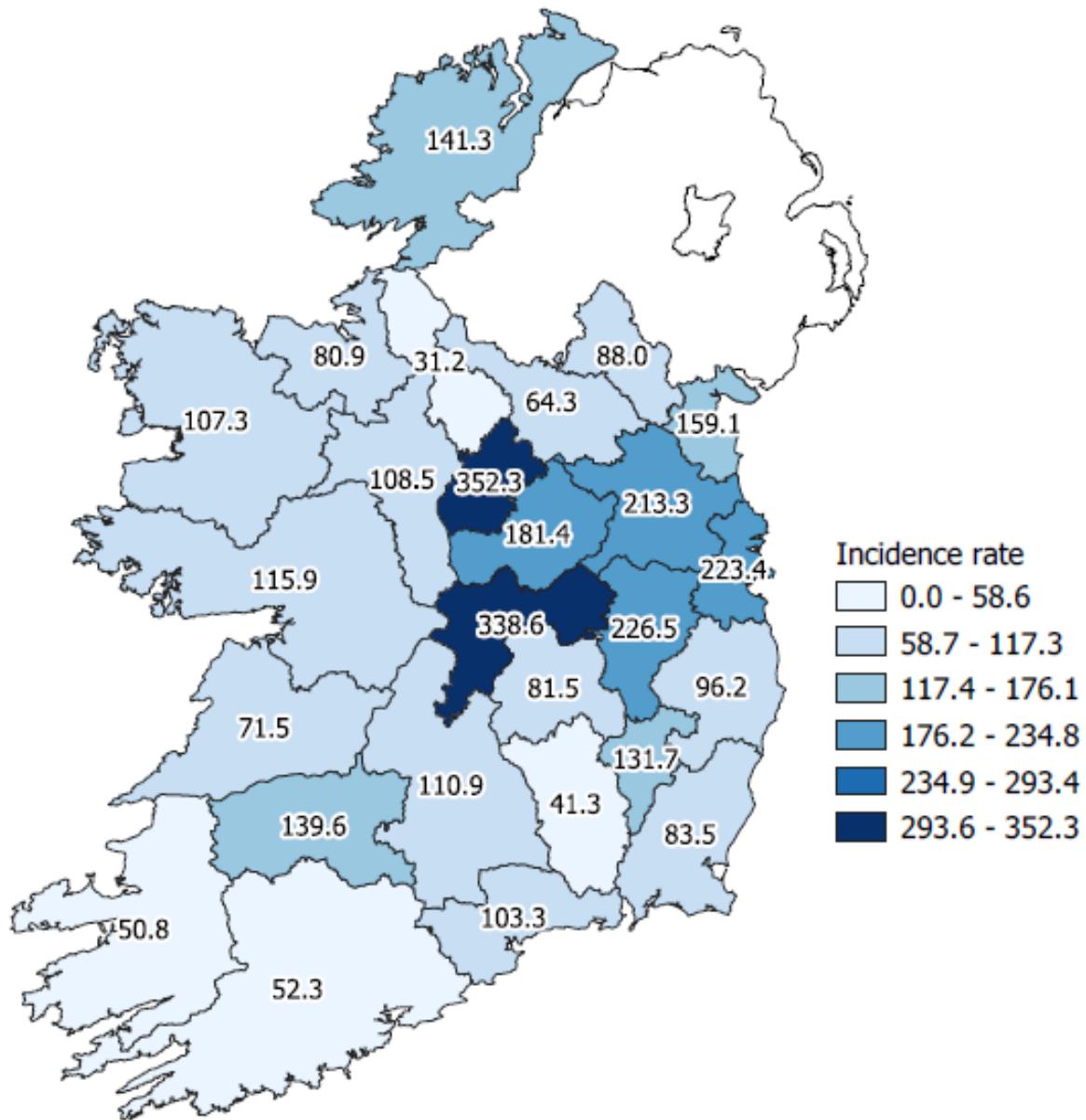


Figure 2: Cumulative 14-day incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 01/03/2021 and 14/03/2021

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 01/03/2021 and 14/03/2021

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	144	105.8
CCA2	Dublin South East	383	309.6
CCA3	Dublin South City	117	78.0
CCA4	Dublin South West	205	127.4
CCA5	Dublin West	318	204.7
CCA6	Dublin North West	617	297.1
CCA7	Dublin North Central	793	513.0
CCA8	Dublin North	433	167.1
Dublin		3,010	223.4

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.

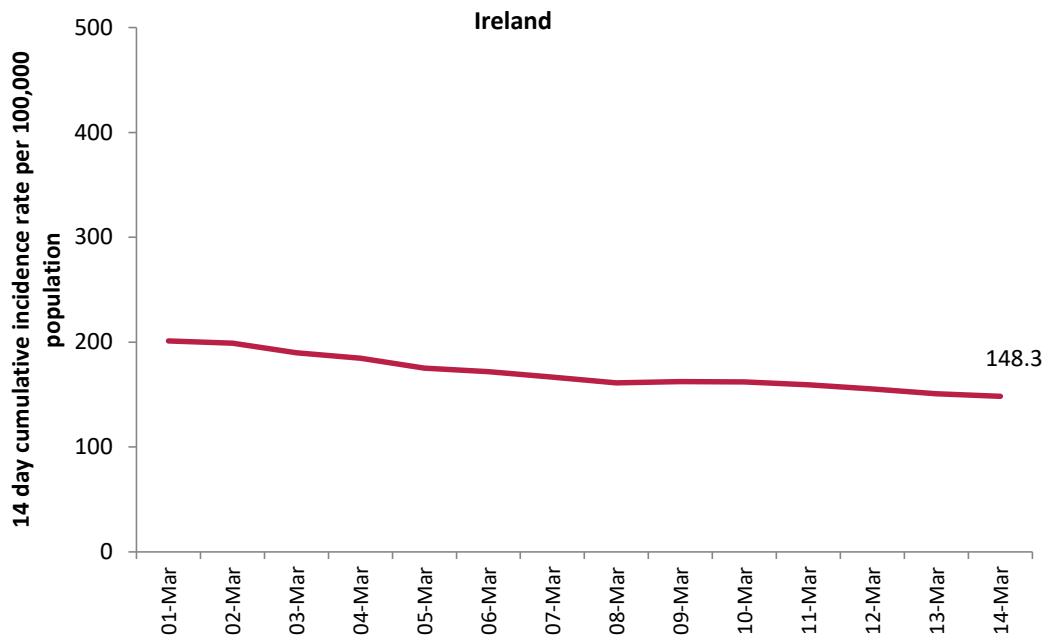


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland*
(01/03/2021 to 14/03/2021)

*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: Number of confirmed COVID-19 cases by most likely transmission source notified from 01/03/2021 to midnight 14/03/2021

Most likely transmission source	Number of cases	Percent
Travel related	111	1.57%
Close contact with a known confirmed case	3,600	50.96%
Healthcare setting acquired: patient	100	1.42%
Healthcare setting acquired: staff	64	0.91%
Community transmission	1,448	20.50%
Under investigation	1,741	24.65%
Total	7,064	100.00%

*Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases

Table 6: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 01/03/2021 to midnight 14/03/2021 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	455	18	4.35	0	0
5-12 yrs	695	5	1.21	0	0
13-18 yrs	586	14	3.38	0	0
19-24 yrs	947	54	13.04	0	0
25-34 yrs	1187	37	8.94	<5	
35-44 yrs	1139	40	9.66	<5	
45-54 yrs	857	48	11.59	<5	
55-64 yrs	604	49	11.84	<5	
65-74 yrs	325	42	10.14	<5	
75-84 yrs	192	72	17.39	<5	
85+ yrs	76	35	8.45	<5	
Unknown	1			0	0
Total	7,064	414	100	14	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 7: Summary of deaths in all COVID-19 cases notified in Ireland from 01/03/2021 up to midnight 14/03/2021

	Number	Percent
Total number of deaths	11	
Confirmed	7	63.64
Possible	4	36.36
Total number of cases hospitalised	8	72.73
Total number of male cases	6	54.55
M:F ratio	1.2	
Median age (years)	79	
Mean age (years)	67	
Age range (years)	0 - 94	

Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 01/03/2021 up to midnight 14/03/2021

Age group (years)	Female	Male	Total	Percent
≤65 yrs	*	*	5	45.5
65-74 yrs	0	0	0	
≥75 years	*	*	6	54.5
Total	5	6	11	100
Percent	45.5	54.5		

* One or both values <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. 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, 5-12 years, 13-18 years, 19-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and ≥ 85 years.

3. Transmission classification

Transmission classification is based on country of infection as well as enhanced exposure data (international travel; close contact of a case) recorded in CIDR. Transmission is classified as 'unknown' due to incomplete data on CIDR.

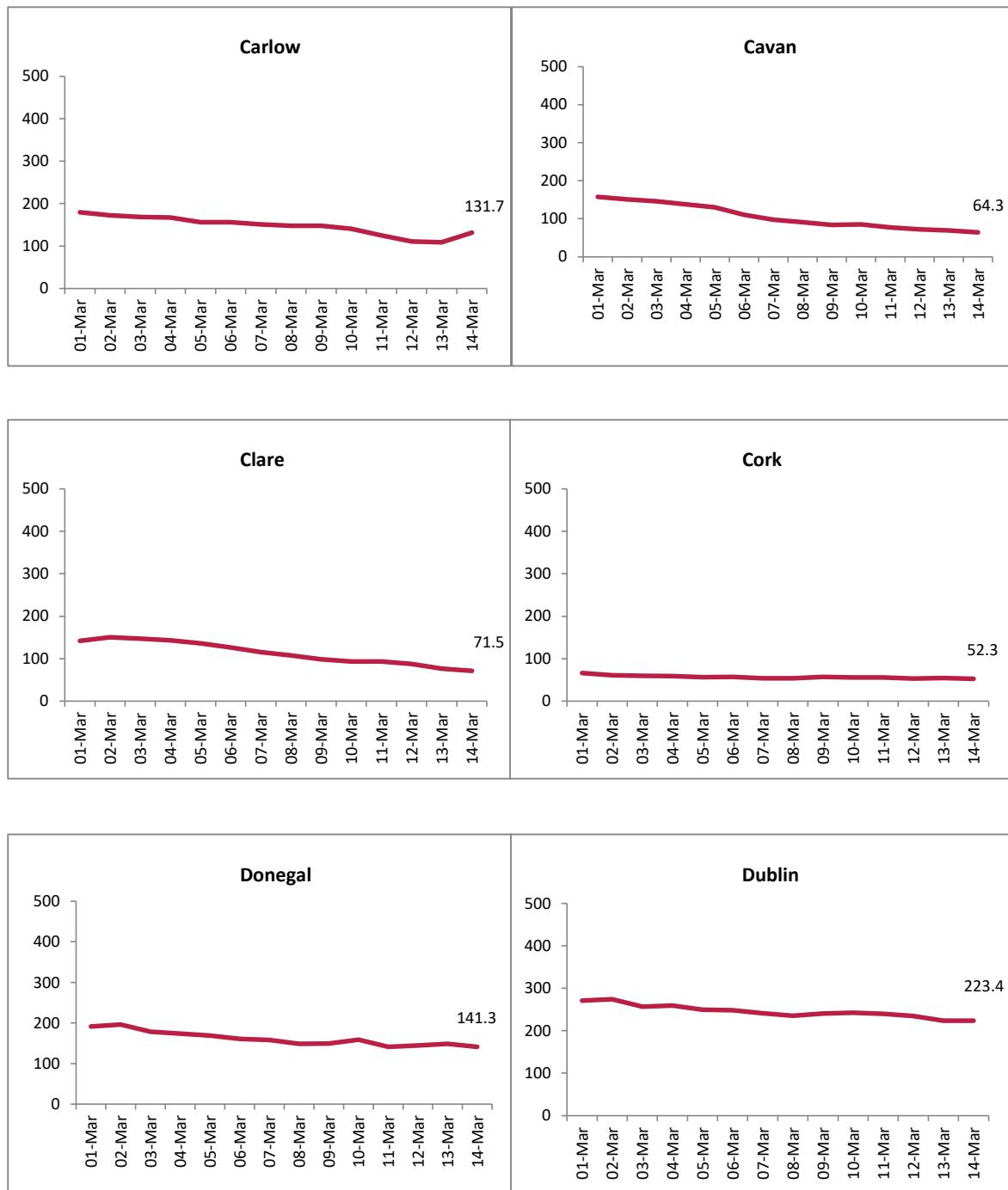
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

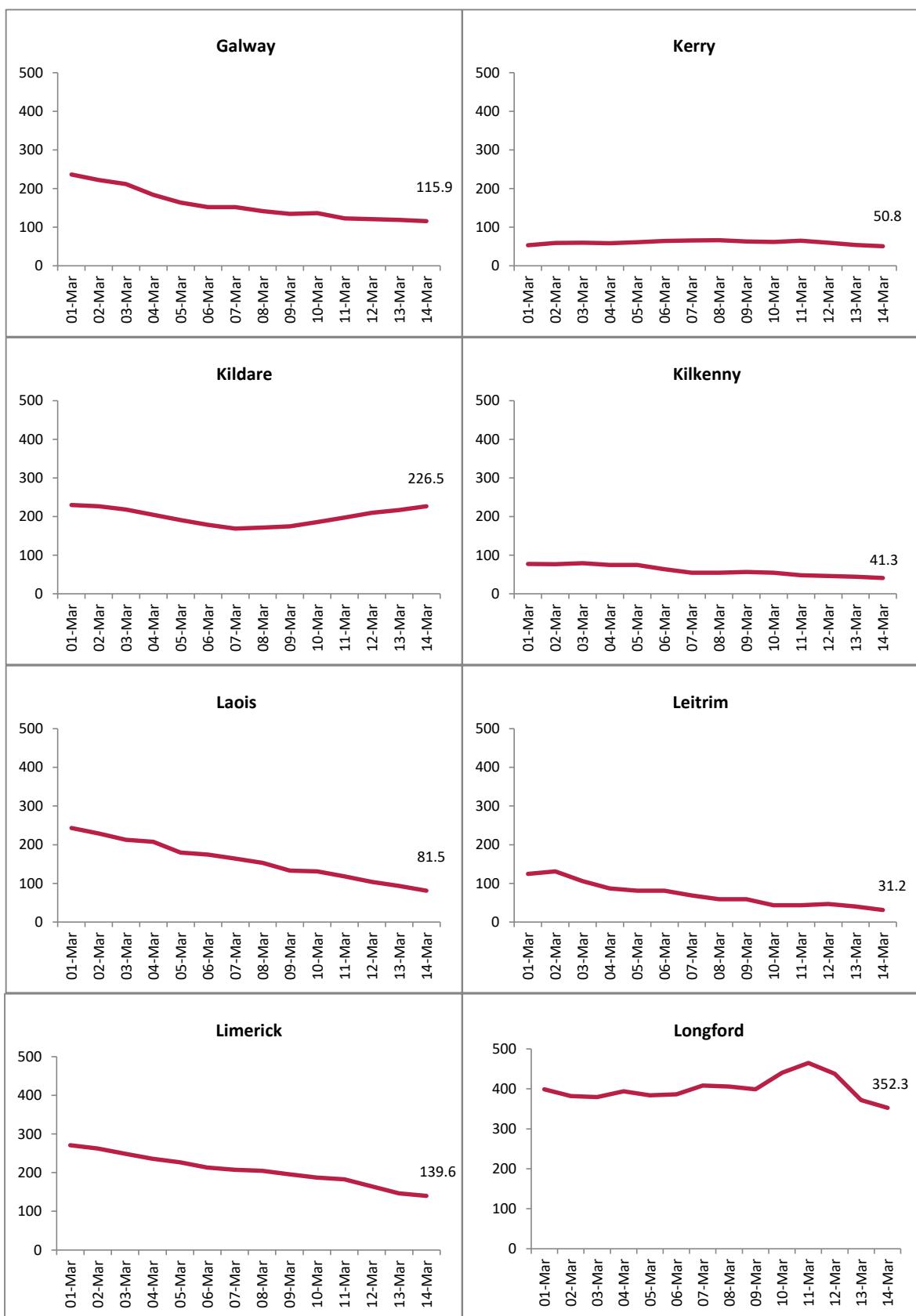
WHO definition of transmission classification is specified below:

- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within the reporting location.
- Imported cases only indicates locations where all cases have been acquired outside the location of reporting.

Appendix 1

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







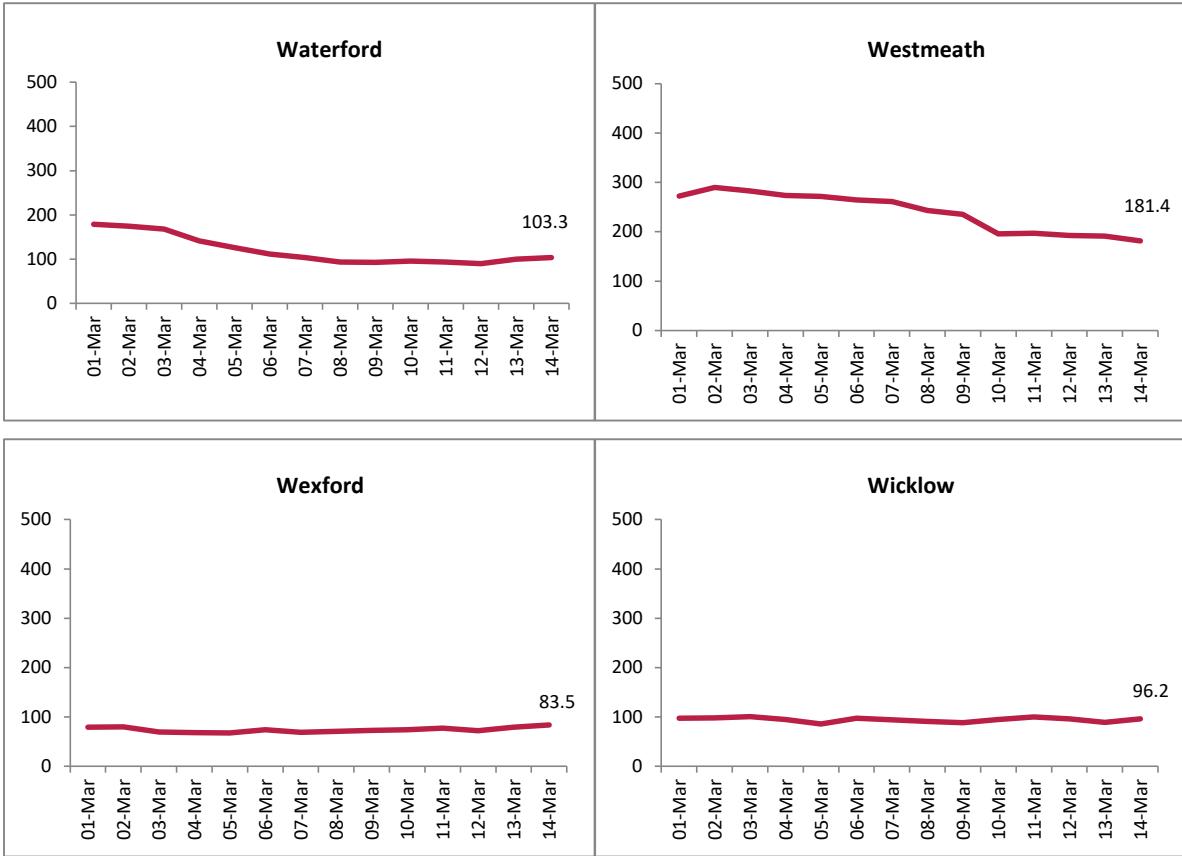


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (01/03/2021 to 14/03/2021)

