



# Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 24/03/2021

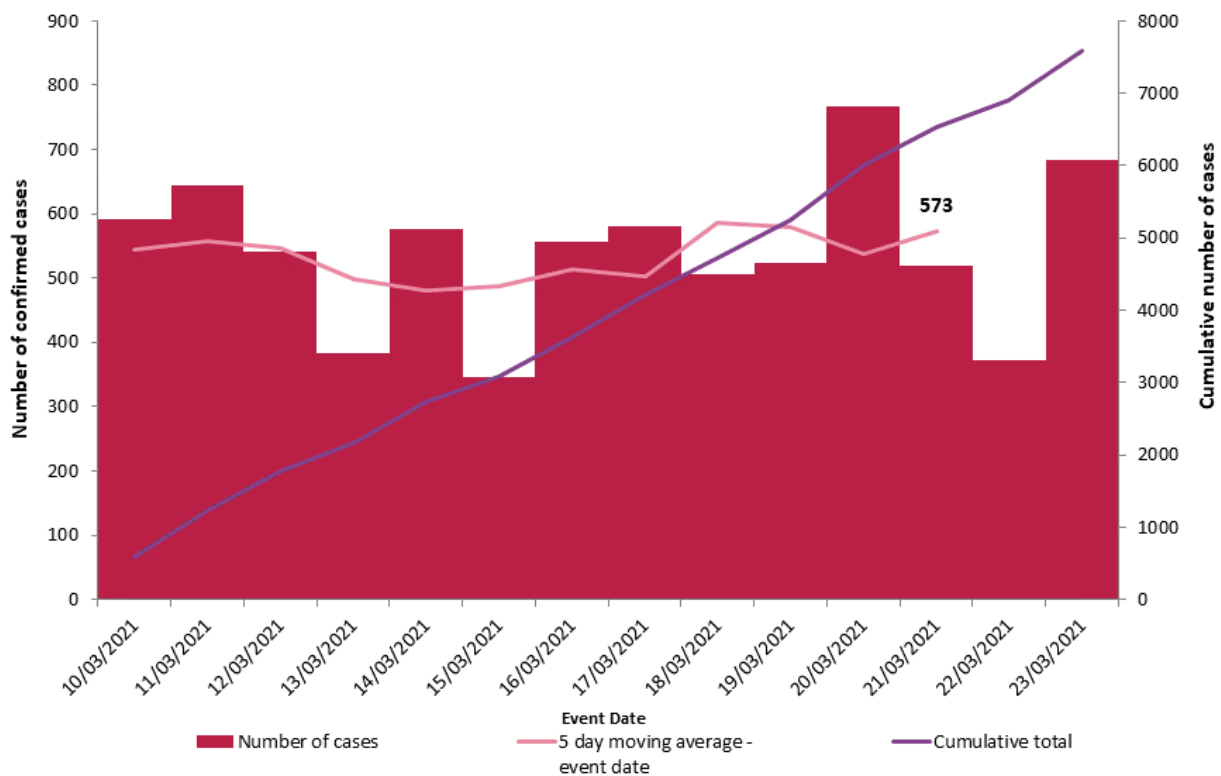
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 10/03/2021 up to midnight 23/03/2021

	Number	Percent
Total number of confirmed cases	7,586	
National incidence of confirmed cases per 100,000 population	159.31	
Number of cases hospitalised*	360	4.75
Number of cases admitted to ICU*	24	0.32
Number of deaths among confirmed cases	13	0.17
Case fatality ratio (CFR, %)	0.17	
National incidence of confirmed deaths per 100,000 population	0.27	
Number of cases** associated with clusters	1,777	23.42
Number of imported cases	61	0.8
Number of cases in healthcare workers	221	2.91
Males	3,745	49.37
Females	3,832	50.51
M:F ratio	0.98	
Median age (years)	31	
Mean age (years)	32	
Age range (years)	0 - 99	

\* 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  
10/03/2021 - 23/03/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 07:37 on 24/03/2021 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=7,586)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 10/03/2021 up to midnight on 23/03/202**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>7,586</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.98	
	Male	3,745	49.37
	Female	3,832	50.51
	Unknown	9	0.12
<b>Age</b>	Median age (years)	31	
	Mean age (years)	32	
	Age range (years)	0 - 99	
	0-4 yrs	621	8.19
	5-12 yrs	965	12.72
	13-18 yrs	633	8.34
	19-24 yrs	759	10.01
	25-34 yrs	1,261	16.62
	35-44 yrs	1,331	17.55
	45-54 yrs	832	10.97
	55-64 yrs	560	7.38
	65-74 yrs	331	4.36
	75-84 yrs	209	2.76
	85+ yrs	84	1.11
<b>Symptom status at time of test*</b>	Yes	4,364	57.53
	No	1,585	20.89
	Unknown	1,637	21.58

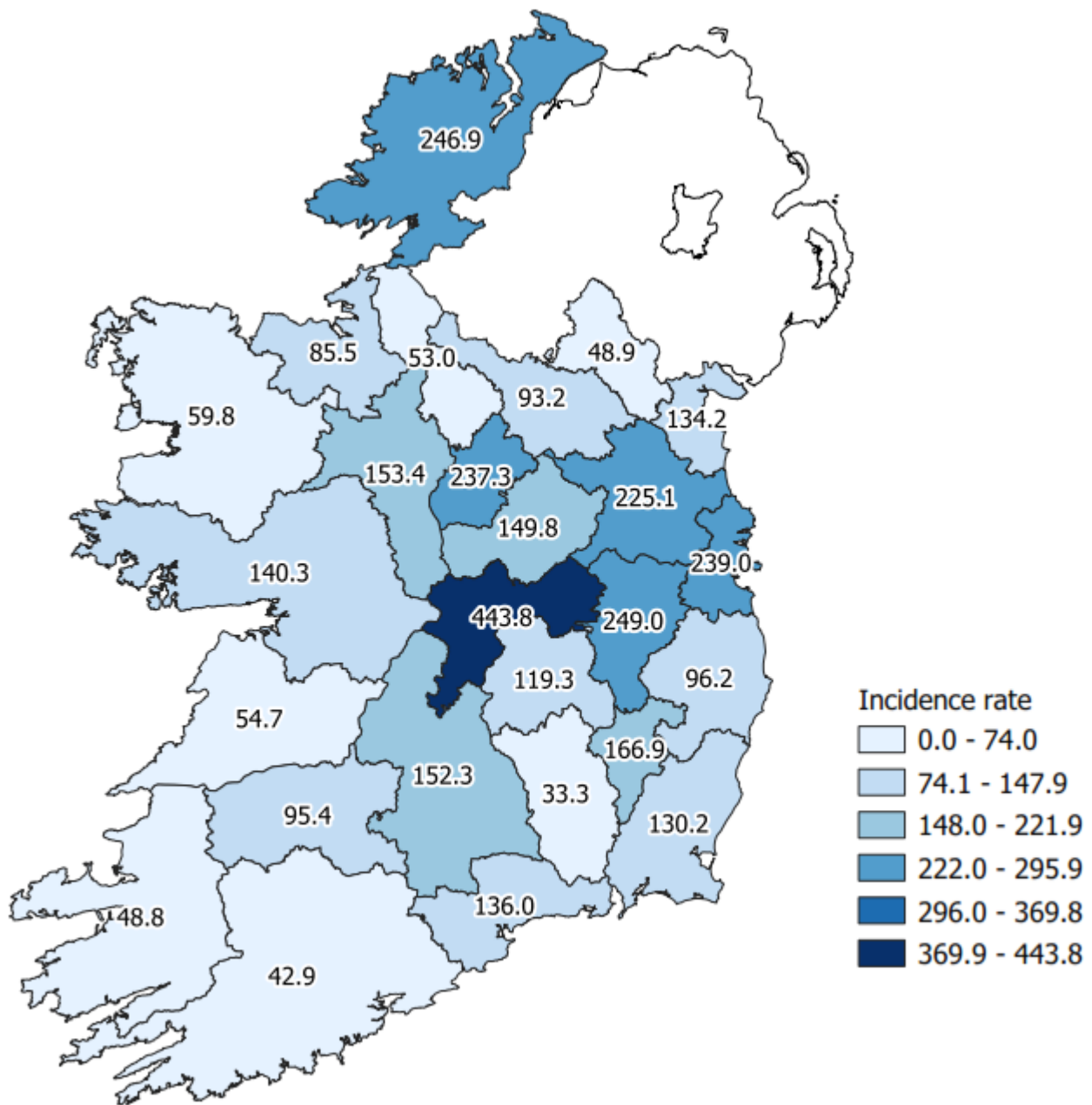
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 10/03/2021 to midnight 23/03/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	567	144.9
CHO2	539	119.0
CHO3	358	93.0
CHO4	305	44.2
CHO5	617	120.9
CHO6	641	167.3
CHO7	1,242	175.5
CHO8	1,289	208.1
CHO9	2,028	326.4
<b>Total</b>	<b>7,586</b>	<b>159.3</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 10/03/2021 to midnight 23/03/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (19/03/2021-23/03/2021)
Offaly	346	443.8	32
Kildare	554	249.0	31
Donegal	393	246.9	39
Dublin	3,220	239.0	250
Longford	97	237.3	6
Meath	439	225.1	34
Carlow	95	166.9	6
Roscommon	99	153.4	6
Tipperary	243	152.3	20
Westmeath	133	149.8	10
Galway	362	140.3	22
Waterford	158	136.0	13
Louth	173	134.2	13
Wexford	195	130.2	16
Laois	101	119.2	10
Wicklow	137	96.2	9
Limerick	186	95.4	13
Cavan	71	93.2	4
Sligo	56	85.5	3
Mayo	78	59.8	6
Clare	65	54.7	4
Leitrim	17	53.1	1
Monaghan	30	48.9	1
Kerry	72	48.7	3
Cork	233	42.9	16
Kilkenny	33	33.3	3
<b>Total</b>	<b>7,586</b>	<b>159.3</b>	<b>573</b>



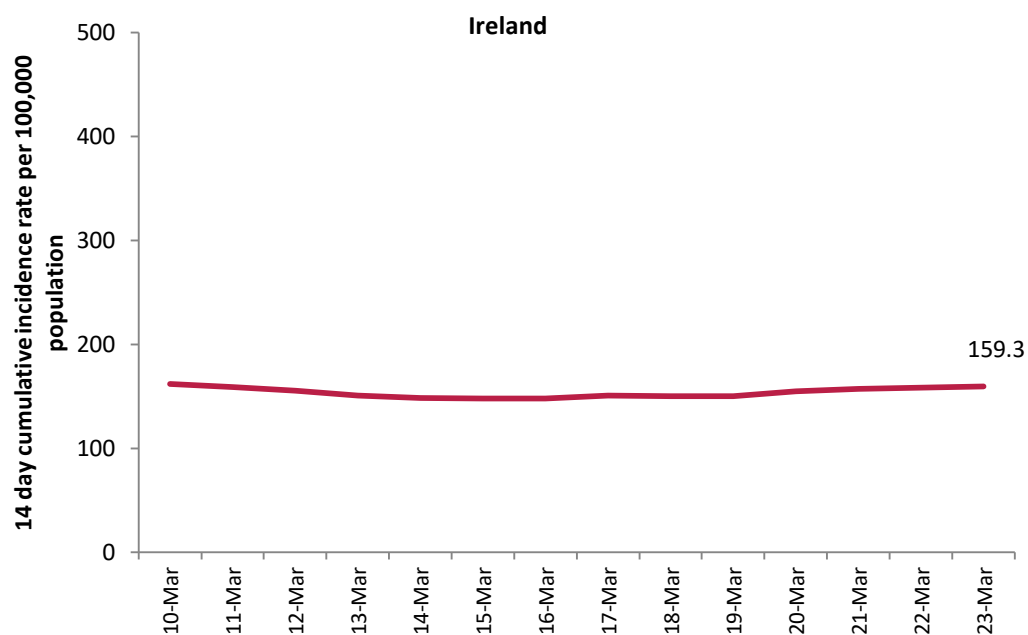
**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 10/03/2021 and 23/03/2021**

*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**

**Please be advised that the CCA data are currently being validated and this table will be reintroduced once validation is complete.**

**Note:** Local health offices (LHOs) came into operation on 1<sup>st</sup> 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\* (10/03/2021 to 23/03/2021)**

\*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 10/03/2021 to midnight 23/03/2021**

Most likely transmission source	Number of cases	Percent
Travel related	153	2.02%
Close contact with a known confirmed case	4,000	52.73%
Healthcare setting acquired: patient	113	1.49%
Healthcare setting acquired: staff	51	0.67%
Community transmission	1,470	19.38%
Under investigation	1,799	23.71%
<b>Total</b>	<b>7,586</b>	<b>100.00%</b>

\*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 10/03/2021 to midnight 23/03/2021 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	621	7	1.94	<5	
5-12 yrs	965	9	2.50	0	0.00
13-18 yrs	633	13	3.61	0	0.00
19-24 yrs	759	18	5.00	0	0.00
25-34 yrs	1,261	27	7.50	<5	
35-44 yrs	1,331	42	11.67	<5	
45-54 yrs	832	33	9.17	8	33.33
55-64 yrs	560	37	10.28	3	
65-74 yrs	331	67	18.61	7	29.17
75-84 yrs	209	71	19.72	<5	
85+ yrs	84	36	10.00	<5	
<b>Total</b>	<b>7,586</b>	<b>360</b>	<b>100.00</b>	<b>24</b>	<b>100.00</b>

\* 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 10/03/2021 up to midnight 23/03/2021

	Number	Percent
Total number of deaths	15	
Confirmed	13	86.67
Probable	1	6.67
Possible	1	6.67
Total number of cases hospitalised	12	80
Total number of male cases	11	73.33
M:F ratio	2.75	
Median age (years)	79	
Mean age (years)	76	
Age range (years)	49 - 86	

Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 10/03/2021 up to midnight 23/03/2021

Age group (years)	Female	Male	Total	Percent
<65 yrs	*	*	2	13.34
65-74 yrs	*	*	4	26.67
75-84 yrs	*	*	6	40
85+ yrs	*	*	3	20
<b>Total</b>	<b>4</b>	<b>11</b>	<b>15</b>	<b>100</b>
<b>Percent</b>	<b>26.67</b>	<b>73.33</b>		

\* 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  $\geq 85$  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.

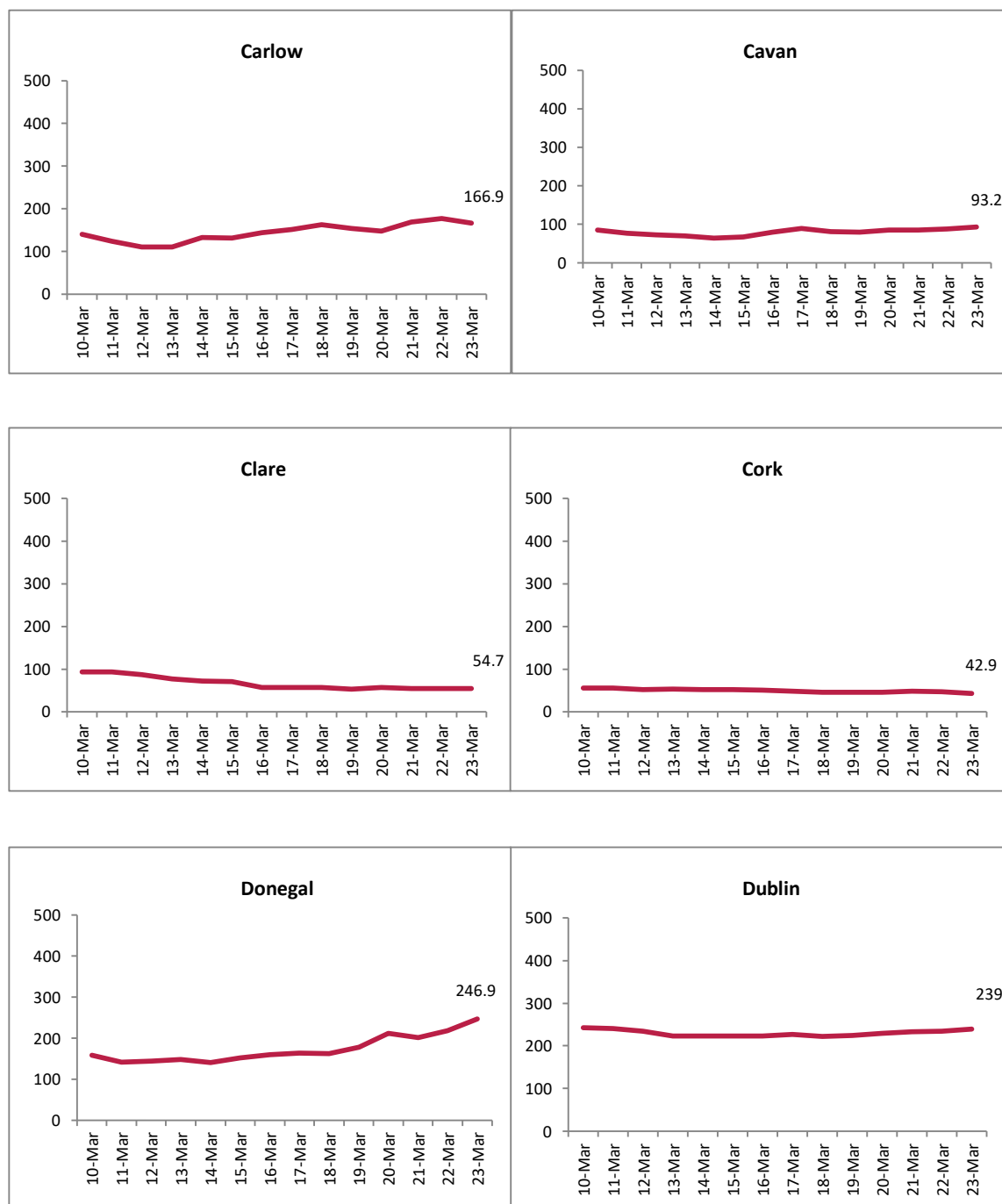
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

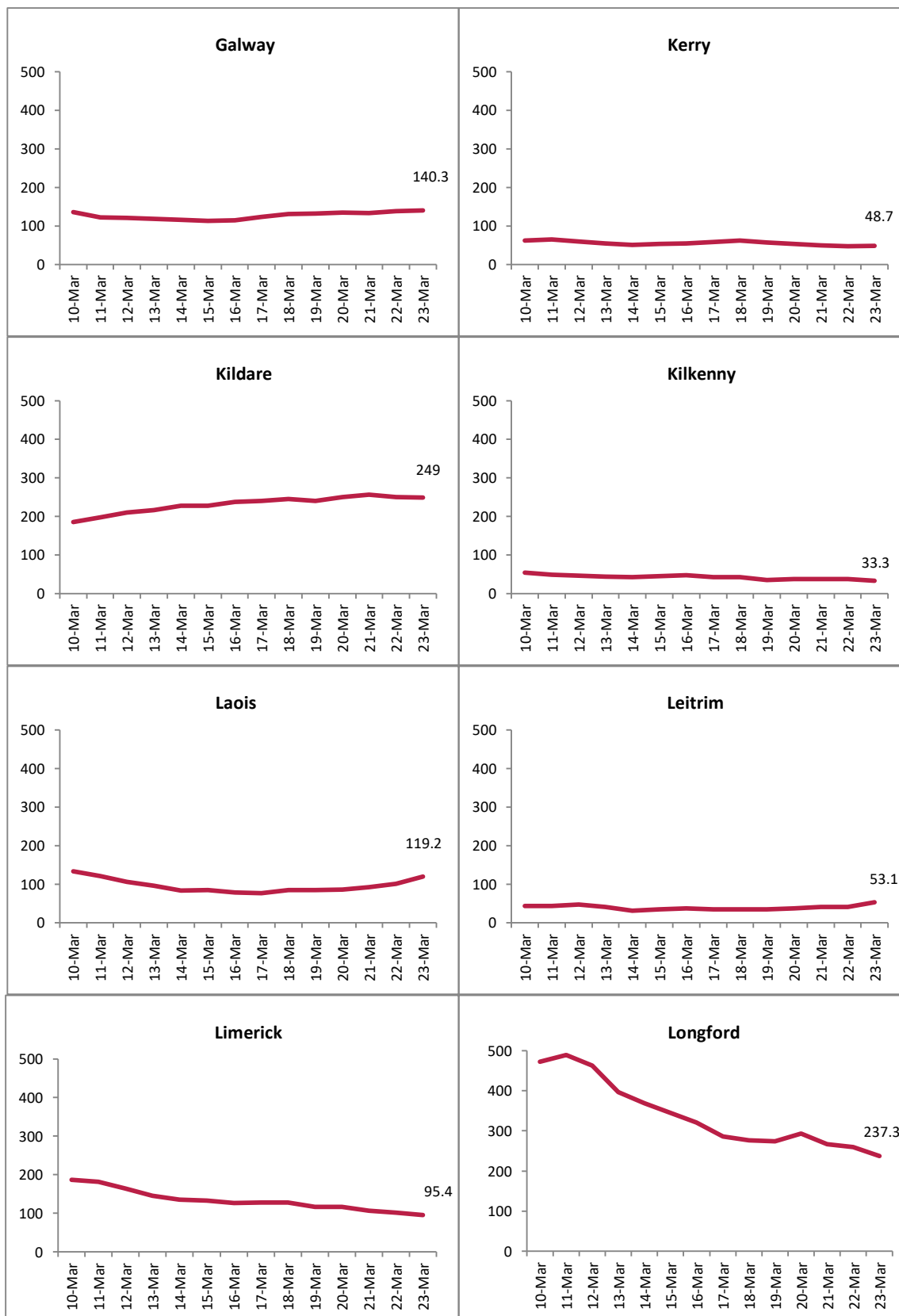
WHO definition of transmission classification is specified below:

- 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

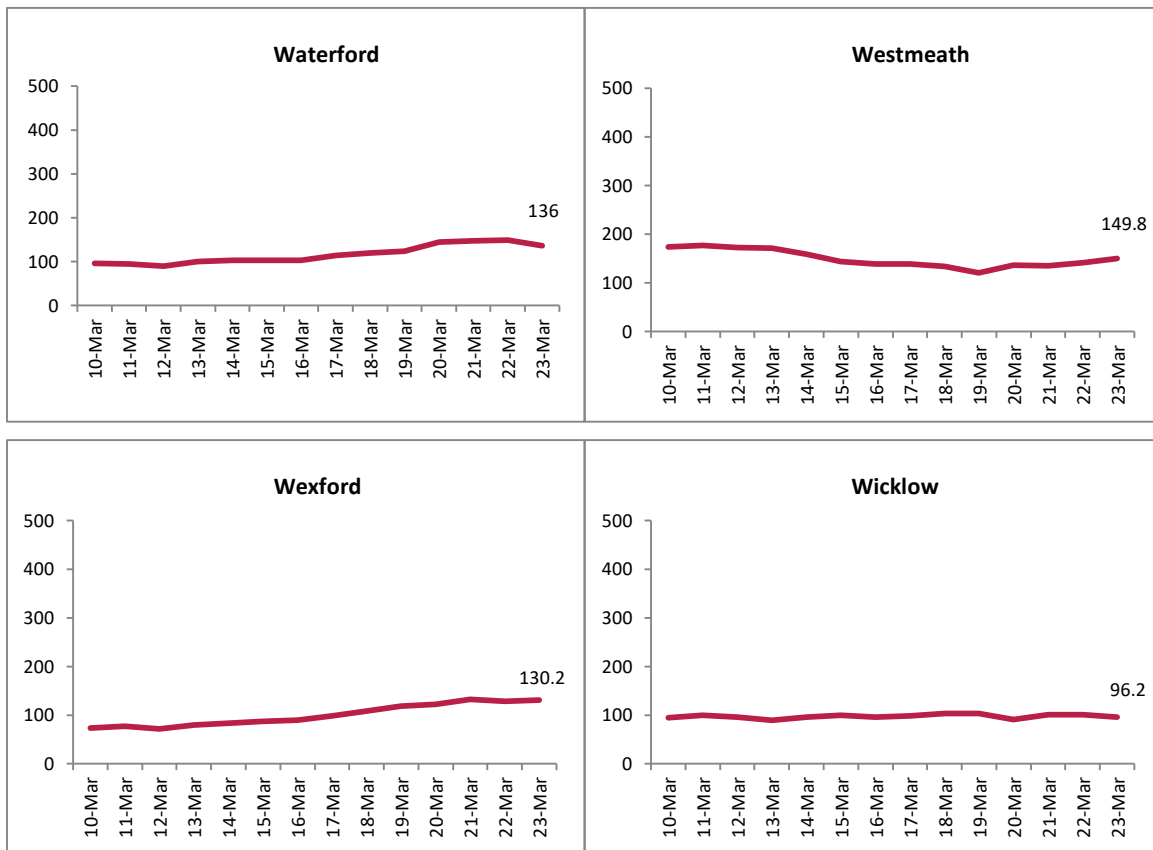
Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (10/03/2021 to 23/03/2021)







Report prepared by Health Protection Surveillance Centre on 24/03/2021



Please be advised that the CCA data are being validated and the CCA graphs (Figure B) will be reintroduced once validation is complete.