



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

Report prepared by HPSC on 04/03/2021

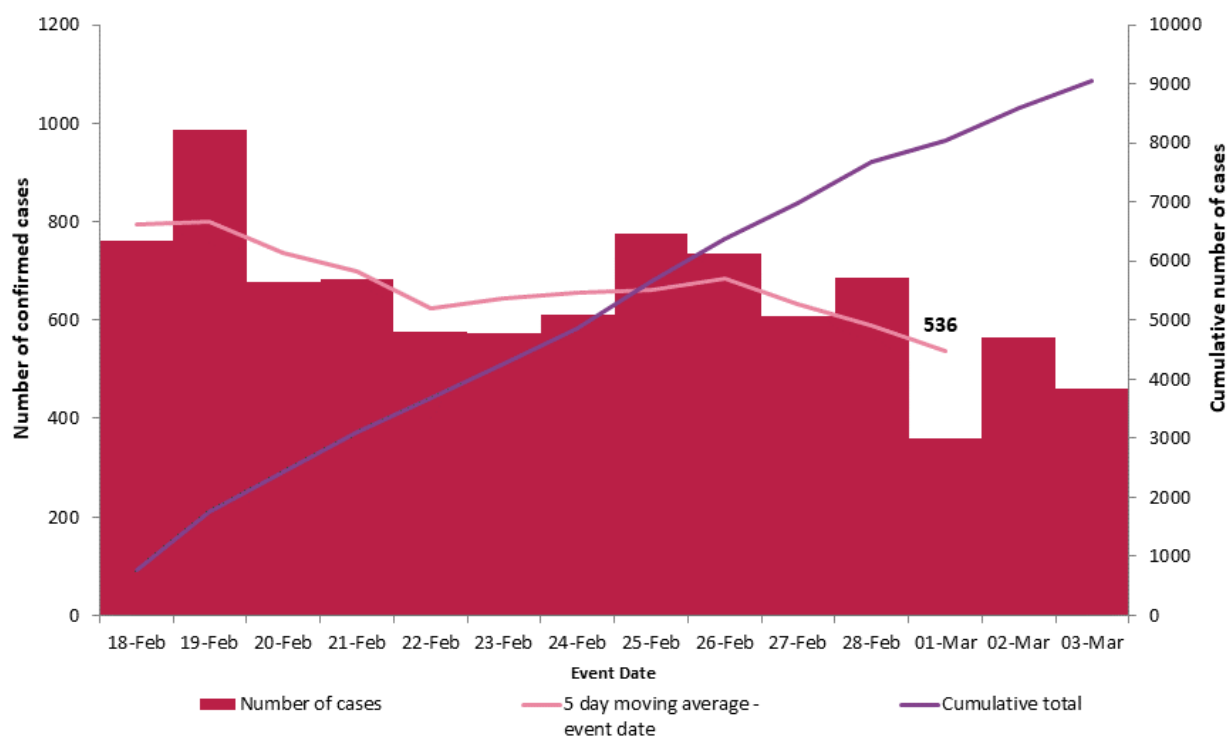
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 18/02/2021 up to midnight 03/03/2021

	Number	Percent
Total number of confirmed cases	9,057	
National incidence of confirmed cases per 100,000 population	190.2	
Number of cases hospitalised*	570	6.29
Number of cases admitted to ICU*	24	0.26
Number of deaths among confirmed cases	29	0.32
Case fatality ratio (CFR, %)	0.32	
National incidence of confirmed deaths per 100,000 population	0.61	
Number of cases** associated with clusters	1,686	18.62
Number of imported cases	22	0.24
Number of cases in healthcare workers	477	5.27
Males	4,458	49.22
Females	4,588	50.66
M:F ratio	0.97	
Median age (years)	33	
Mean age (years)	35	
Age range (years)	0 - 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

\*\*Cases may be associated with outbreaks notified outside the timeframe of this report  
18/02/2021 - 03/03/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 07:54 on 04/03/2021 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=9,057)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 18/02/2021 up to midnight on 03/03/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>9,057</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.97	
	Male	4,458	49.22
	Female	4,588	50.66
	Unknown	11	0.12
<b>Age</b>	Median age (years)	33	
	Mean age (years)	35	
	Age range (years)	0 - 100	
	0-4 yrs	576	6.36
	5-12 yrs	773	8.53
	13-18 yrs	647	7.14
	19-24 yrs	1,387	15.31
	25-34 yrs	1,458	16.1
	35-44 yrs	1,400	15.46
	45-54 yrs	1,147	12.66
	55-64 yrs	808	8.92
	65-74 yrs	386	4.26
	75-84 yrs	279	3.08
	85+ yrs	195	2.15
	Unknown	1	0.01
<b>Symptom status at time of test*</b>	Yes	5,368	59.27
	No	1,792	19.79
	Unknown	1,897	20.95

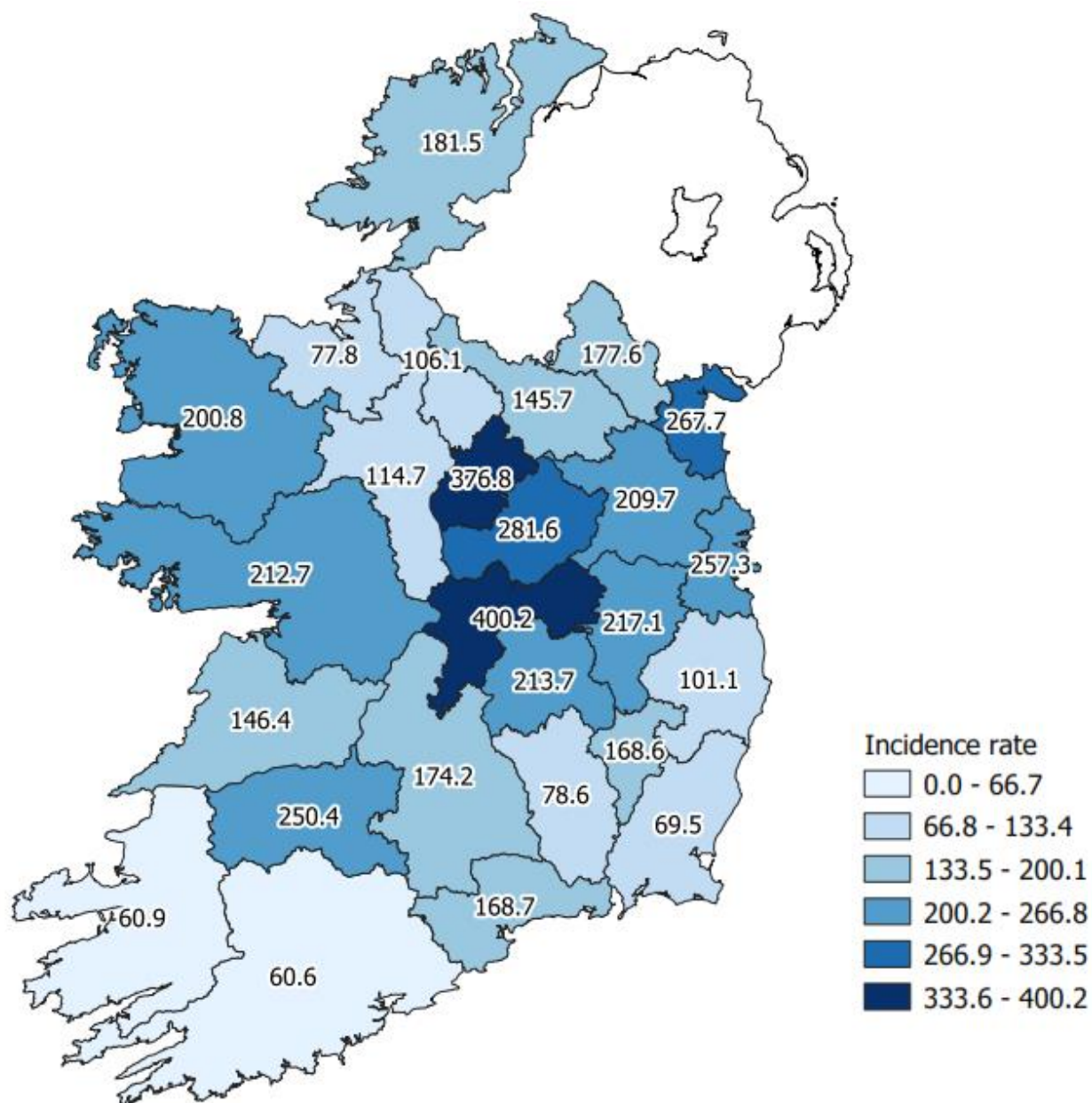
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 18/02/2021 to midnight 03/03/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	594	151.8
CHO2	885	195.3
CHO3	780	202.6
CHO4	418	60.5
CHO5	634	124.2
CHO6	720	187.9
CHO7	1,278	180.6
CHO8	1,651	266.6
CHO9	2,096	337.3
Unknown	1	
<b>Total</b>	<b>9,057</b>	<b>190.2</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 18/02/2021 to midnight 03/03/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (27/02/2021-03/03/2021)
Offaly	312	400.2	19
Longford	154	376.8	16
Westmeath	250	281.6	19
Louth	345	267.7	22
Dublin	3,467	257.3	225
Limerick	488	250.4	25
Kildare	483	217.1	22
Laois	181	213.7	9
Galway	549	212.7	25
Meath	409	209.7	25
Mayo	262	200.8	13
Donegal	289	181.5	13
Monaghan	109	177.6	4
Tipperary	278	174.2	14
Waterford	196	168.7	7
Carlow	96	168.6	5
Clare	174	146.4	12
Cavan	111	145.7	5
Roscommon	74	114.7	6
Leitrim	34	106.1	2
Wicklow	144	101.1	9
Kilkenny	78	78.6	3
Sligo	51	77.8	2
Wexford	104	69.5	6
Kerry	90	60.9	6
Cork	329	60.6	22
<b>Total</b>	<b>9,057</b>	<b>190.2</b>	<b>536</b>



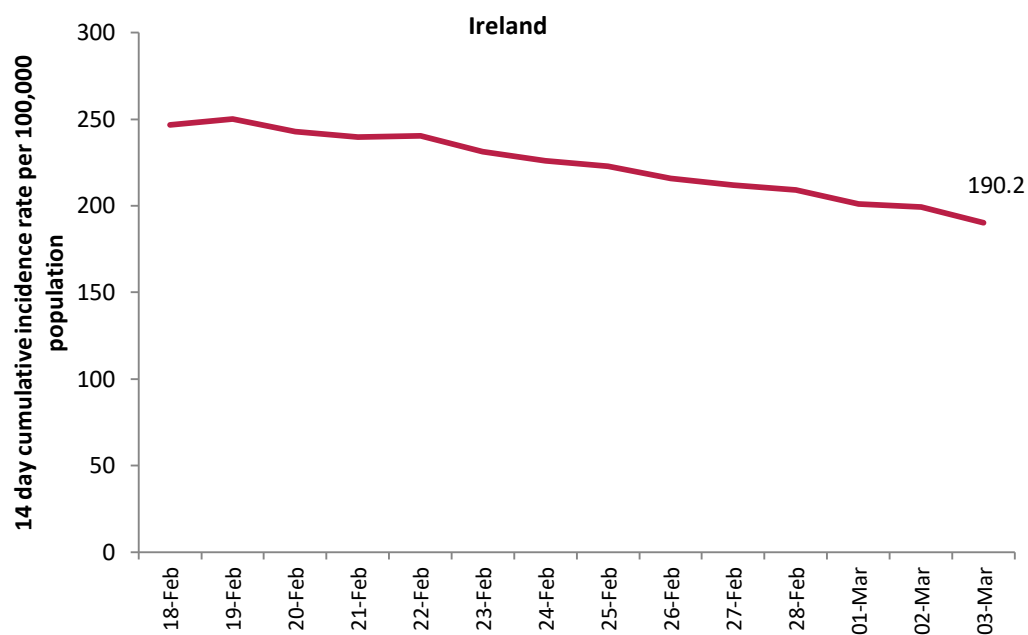
**Figure 2: Cumulative 14-day incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 18/02/2021 and 03/03/2021**

*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 18/02/2021 and 03/03/2021**

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	163	119.8
CCA2	Dublin South East	421	340.3
CCA3	Dublin South City	156	104.0
CCA4	Dublin South West	266	165.3
CCA5	Dublin West	365	235.0
CCA6	Dublin North West	650	313.0
CCA7	Dublin North Central	967	625.6
CCA8	Dublin North	479	184.8
<b>Dublin</b>		<b>3,467</b>	<b>257.3</b>

**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\* (18/02/2021 to 03/03/2021)**

\*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 18/02/2021 to midnight 03/03/2021**

Most likely transmission source	Number of cases	Percent
Travel related	80	0.88%
Close contact with a known confirmed case	4,742	52.36%
Healthcare setting acquired: patient	262	2.89%
Healthcare setting acquired: staff	163	1.80%
Community transmission	1,694	18.70%
Under investigation	2,116	23.36%
<b>Total</b>	<b>9,057</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 18/02/2021 to midnight 03/03/2021 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	576	19	3.33	0	0.00
5-12 yrs	773	18	3.16	0	0.00
13-18 yrs	647	20	3.51	0	0.00
19-24 yrs	1,387	59	10.35	0	0.00
25-34 yrs	1,458	56	9.82	0	0.00
35-44 yrs	1,400	62	10.88	5	20.83
45-54 yrs	1,147	69	12.11	8	33.33
55-64 yrs	808	57	10.00	5	20.83
65-74 yrs	386	77	13.51	6**	25.00
75-84 yrs	279	76	13.33		
85+ yrs	195	56	9.82	0	0.00
Unknown	1	1	0.18	0	0.00
<b>Total</b>	<b>9,057</b>	<b>570</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

\*\* ICU cases combined for these age groups as one or both values <5



## Deaths among COVID-19 cases

Table 7: Summary of deaths in all COVID-19 cases notified in Ireland from 18/02/2021 up to midnight 03/03/2021

	Number	Percent
Total number of deaths	31	
Confirmed	29	93.55
Possible	2	6.45
Total number of cases hospitalised	20	64.52
Total number of male cases	18	58.06
M:F ratio	1.38	
Median age (years)	79	
Mean age (years)	76	
Age range (years)	0 - 95	

Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 18/02/2021 up to midnight 03/03/2021

Age group (years)	Female	Male	Total	Percent
<65 yrs	*	*	5	16.14
65-74 yrs	*	*	7	22.58
75-84 yrs	*	*	8	25.81
85+ yrs	5	6	11	35.48
<b>Total</b>	<b>13</b>	<b>18</b>	<b>31</b>	<b>100</b>
<b>Percent</b>	<b>41.94</b>	<b>58.06</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.

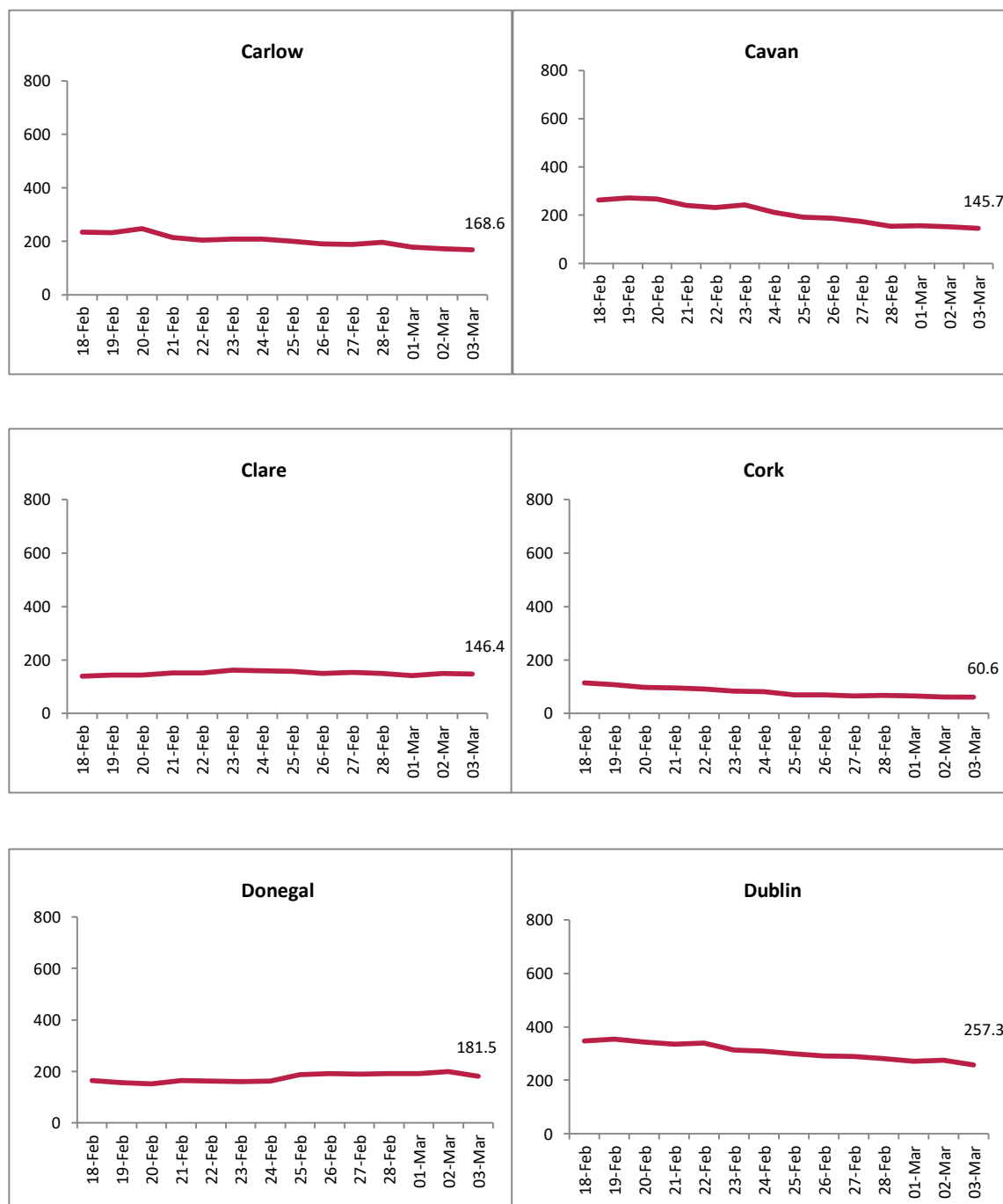
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

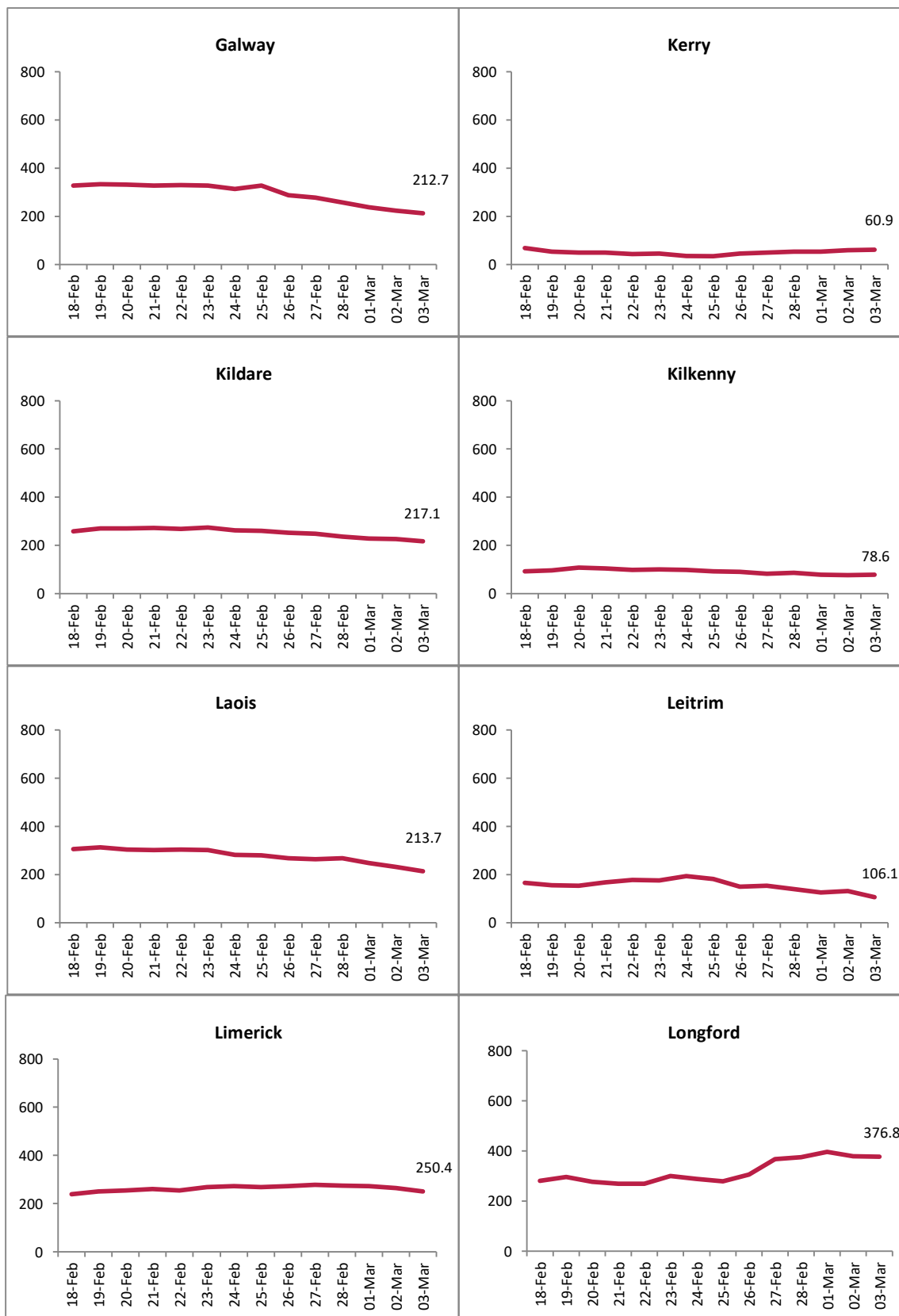
WHO definition of transmission classification is specified below:

- 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

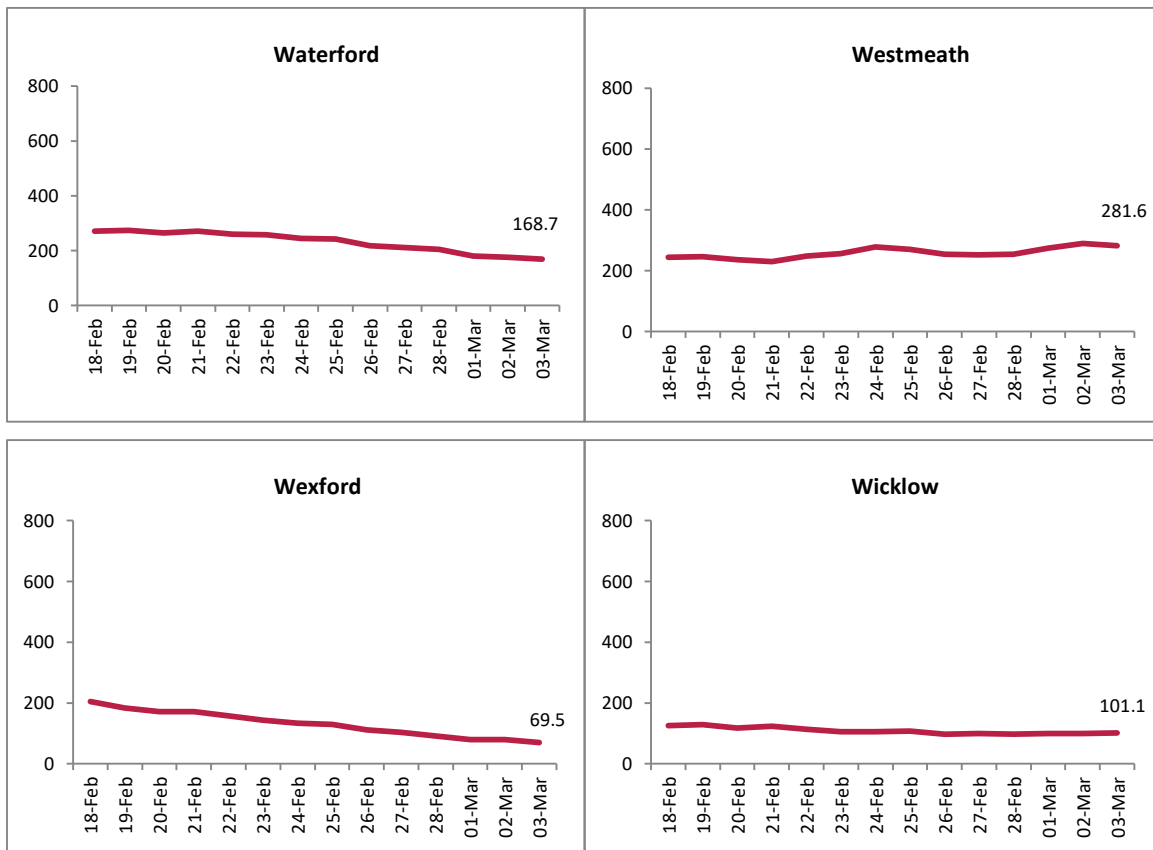
Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (18/02/2021 to 03/03/2021)



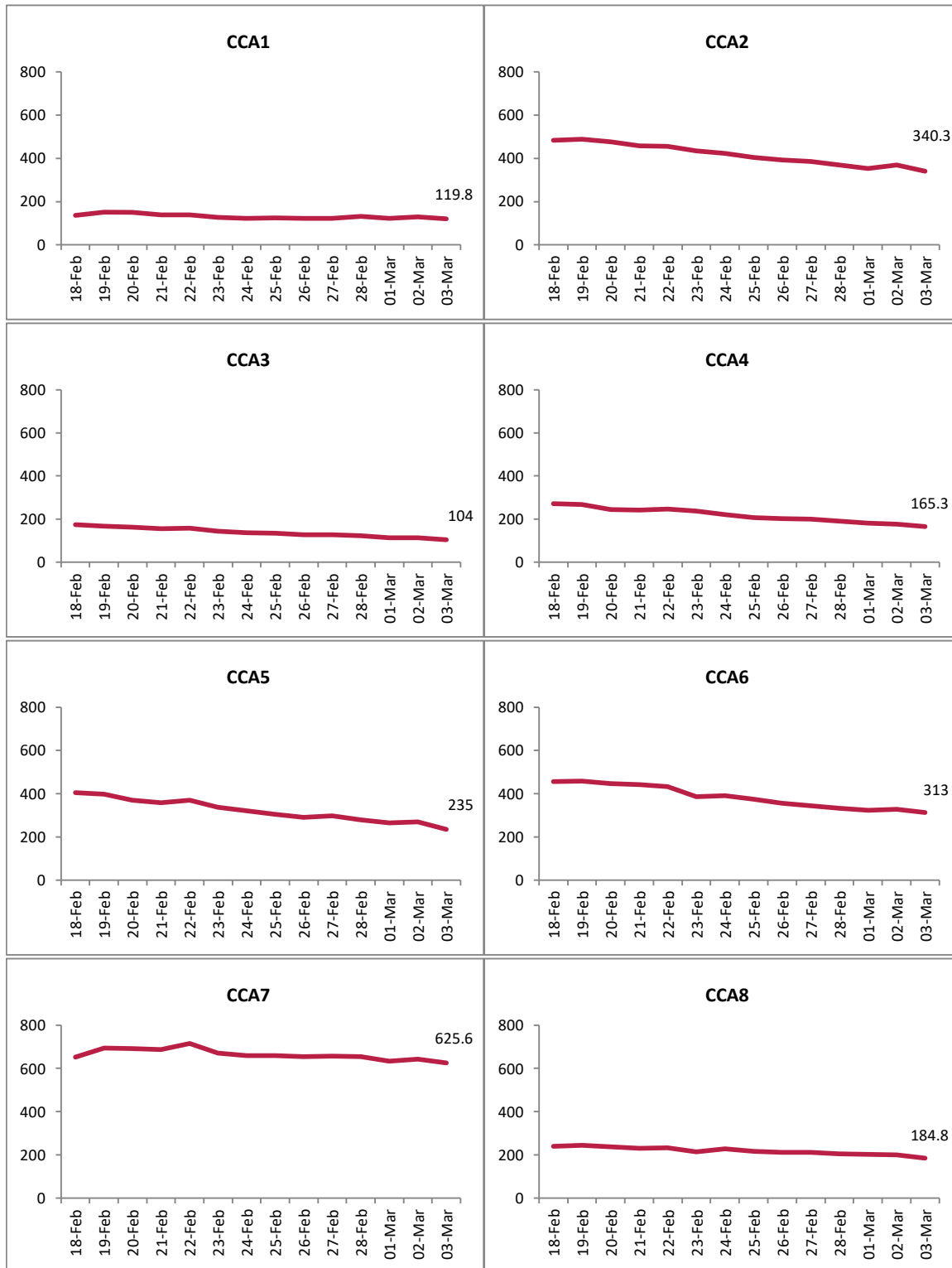




Report prepared by Health Protection Surveillance Centre on 04/03/2021



**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (18/02/2021 to 03/03/2021)**



Report prepared by Health Protection Surveillance Centre on 04/03/2021