



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

Report prepared by HPSC on 11/03/2021

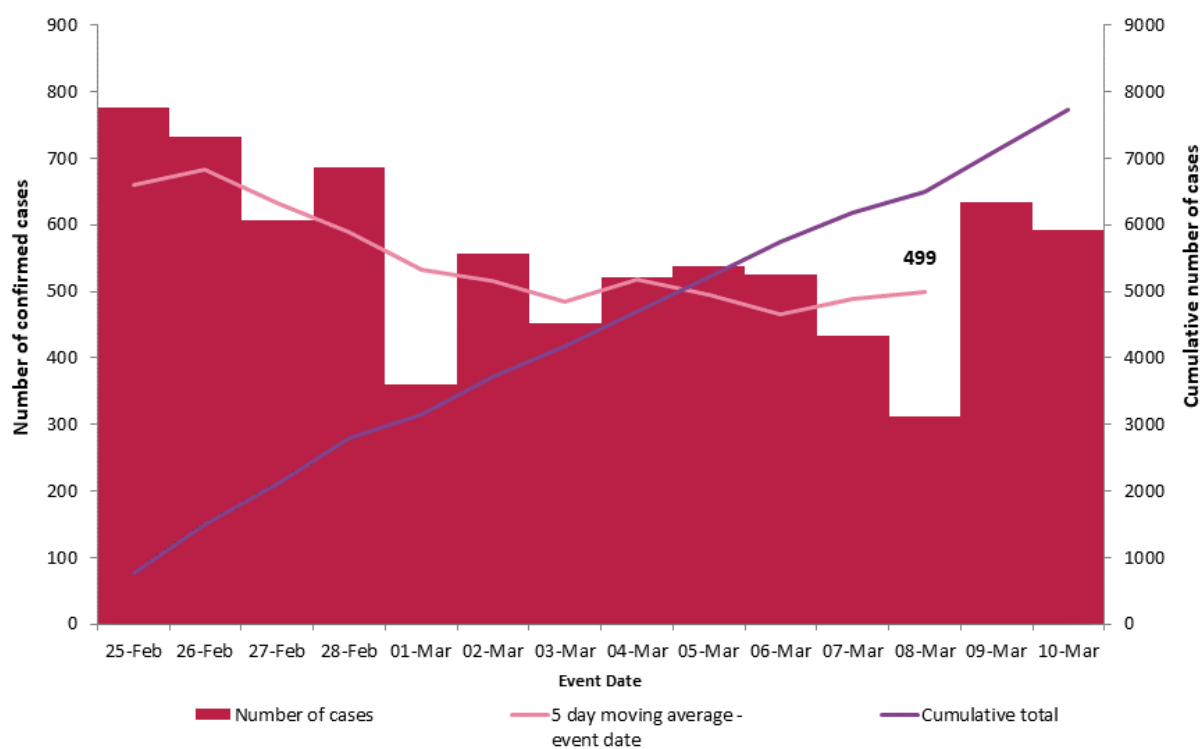
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 25/02/2021 up to midnight 10/03/2021

	Number	Percent
Total number of confirmed cases	7,721	
National incidence of confirmed cases per 100,000 population	162.14	
Number of cases hospitalised*	473	6.13
Number of cases admitted to ICU*	20	0.26
Number of deaths among confirmed cases	15	0.19
Case fatality ratio (CFR, %)	0.19	
National incidence of confirmed deaths per 100,000 population	0.32	
Number of cases** associated with clusters	1,446	18.73
Number of imported cases	49	0.63
Number of cases in healthcare workers	319	4.13
Males	3,890	50.38
Females	3,814	49.4
M:F ratio	1.02	
Median age (years)	32	
Mean age (years)	34	
Age range (years)	0 - 98	

\* 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  
25/02/2021 - 10/03/2021

**Note:** Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 07:38 on 11/03/2021 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=7,721)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 25/02/2021 up to midnight on 10/03/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>7,721</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	1.02	
	Male	3,890	50.38
	Female	3,814	49.4
	Unknown	17	0.22
<b>Age</b>	Median age (years)	32	
	Mean age (years)	34	
	Age range (years)	0 - 98	
	0-4 yrs	520	6.73
	5-12 yrs	696	9.01
	13-18 yrs	613	7.94
	19-24 yrs	1,037	13.43
	25-34 yrs	1,328	17.2
	35-44 yrs	1,207	15.63
	45-54 yrs	1,001	12.96
	55-64 yrs	650	8.42
	65-74 yrs	338	4.38
	75-84 yrs	219	2.84
	85+ yrs	111	1.44
	Unknown	1	0.01
<b>Symptom status at time of test*</b>	Yes	4,459	57.75
	No	1,592	20.62
	Unknown	1,670	21.63

\*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 25/02/2021 to midnight 10/03/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	452	115.5
CHO2	602	132.9
CHO3	562	146.0
CHO4	395	57.2
CHO5	473	92.7
CHO6	690	180.1
CHO7	1,134	160.2
CHO8	1,419	229.1
CHO9	1,994	320.9
<b>Total</b>	<b>7,721</b>	<b>162.1</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 25/02/2021 to midnight 10/03/2021**

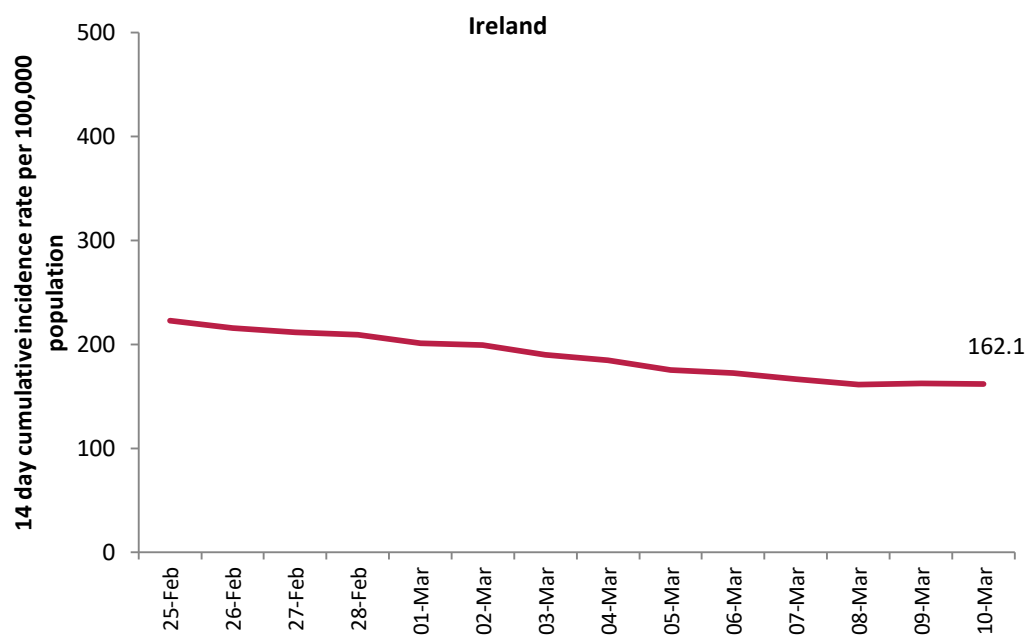
County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (06/03/2021-10/03/2021)
Longford	180	440.4	11
Offaly	271	347.6	22
Dublin	3,270	242.7	207
Meath	419	214.8	29
Louth	261	202.5	14
Westmeath	174	196.0	6
Limerick	367	188.3	25
Kildare	413	185.6	33
Donegal	253	158.9	19
Carlow	81	142.3	6
Mayo	182	139.5	10
Galway	352	136.4	19
Laois	113	133.4	5
Tipperary	199	124.7	13
Monaghan	66	107.5	4
Roscommon	68	105.4	4
Waterford	113	97.3	10
Wicklow	135	94.8	12
Clare	112	94.3	4
Cavan	65	85.3	3
Sligo	54	82.4	5
Wexford	112	74.8	8
Kerry	91	61.6	6
Cork	304	56.0	19
Kilkenny	52	52.4	3
Leitrim	14	43.7	1
<b>Total</b>	<b>7,721</b>	<b>162.1</b>	<b>499</b>



**Table 4: Number and incidence of confirmed COVID-19 cases by Dublin Local Health Offices\* (LHOs) notified in Ireland with a notification date between 25/02/2021 and 10/03/2021**

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	151	111.0
CCA2	Dublin South East	408	329.8
CCA3	Dublin South City	124	82.7
CCA4	Dublin South West	235	146.1
CCA5	Dublin West	358	230.5
CCA6	Dublin North West	623	300.0
CCA7	Dublin North Central	910	588.7
CCA8	Dublin North	461	177.9
<b>Dublin</b>		<b>3,270</b>	<b>242.7</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\* (25/02/2021 to 10/03/2021)**

\*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 25/02/2021 to midnight 10/03/2021**

Most likely transmission source	Number of cases	Percent
Travel related	109	1.41%
Close contact with a known confirmed case	4,023	52.10%
Healthcare setting acquired: patient	141	1.83%
Healthcare setting acquired: staff	96	1.24%
Community transmission	1,486	19.25%
Under investigation	1,866	24.17%
<b>Total</b>	<b>7,721</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 25/02/2021 to midnight 10/03/2021 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	520	23	4.86	0	0.00
5-12 yrs	696	14	2.96	0	0.00
13-18 yrs	613	18	3.81	0	0.00
19-24 yrs	1,037	60	12.68	0	0.00
25-34 yrs	1,328	40	8.46	<5	
35-44 yrs	1,207	44	9.30	<5	
45-54 yrs	1,001	54	11.42	6	30.00
55-64 yrs	650	49	10.36	6	30.00
65-74 yrs	338	52	10.99	<5	
75-84 yrs	219	76	16.07	<5	
85+ yrs	111	43	9.09	0	0.00
Unknown	1			0	0.00
<b>Total</b>	<b>7,721</b>	<b>473</b>	<b>100.00</b>	<b>20</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 25/02/2021 up to midnight 10/03/2021**

	Number	Percent
Total number of deaths	18	
Confirmed	15	83.33
Possible	3	16.67
Total number of cases hospitalised	15	83.33
Total number of male cases	11	61.11
M:F ratio	1.57	
Median age (years)	81	
Mean age (years)	73	
Age range (years)	0 - 94	

**Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 25/02/2021 up to midnight 10/03/2021**

Age group (years)	Female	Male	Total	Percent
< 65 yrs	*	*	5	27.78
65-84 yrs	*	*	7	38.89
85+ yrs	*	*	6	33.33
<b>Total</b>	<b>7</b>	<b>11</b>	<b>18</b>	<b>100</b>
<b>Percent</b>	<b>38.89</b>	<b>61.11</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.

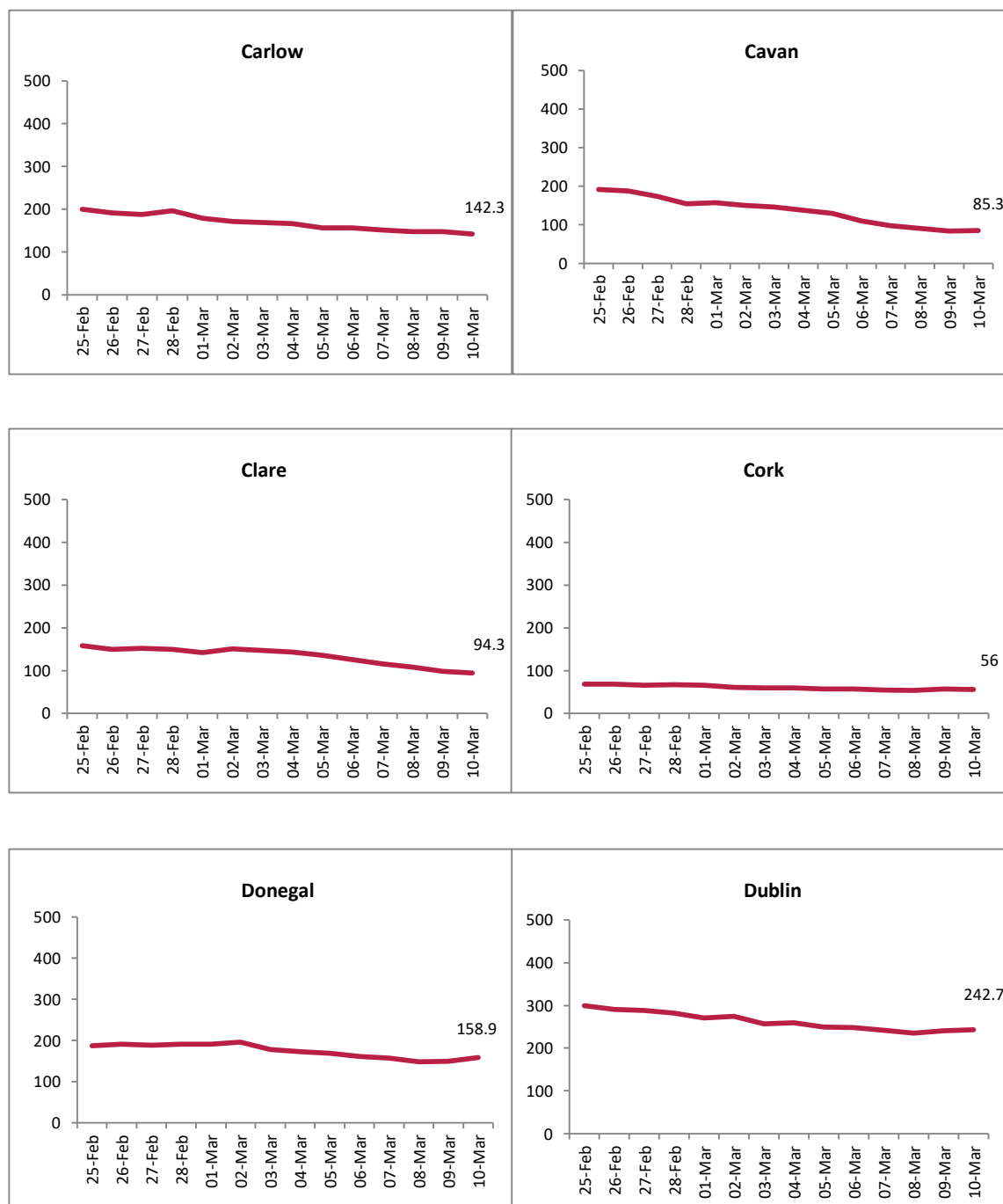
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

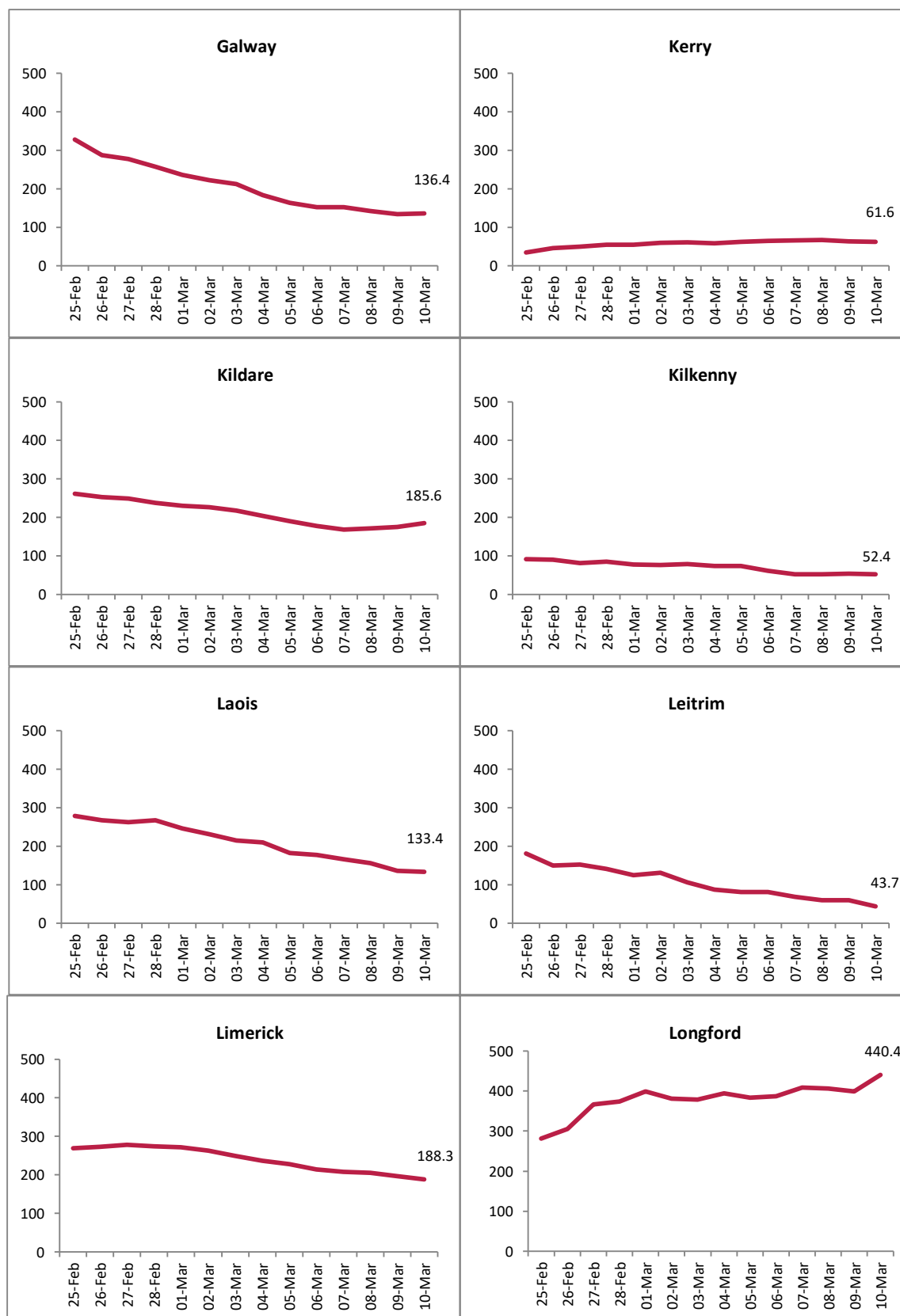
WHO definition of transmission classification is specified below:

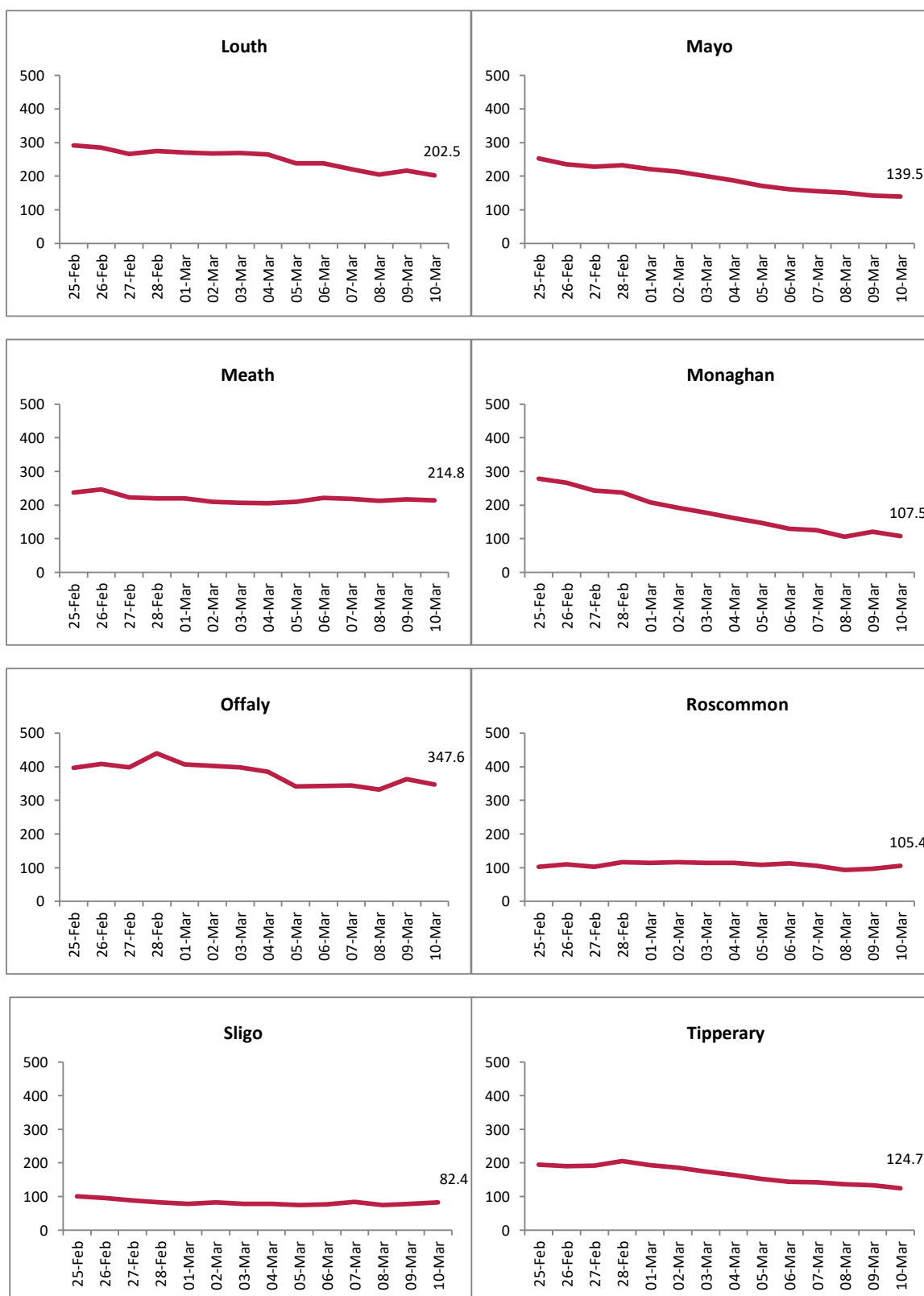
- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within 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 (25/02/2021 to 10/03/2021)







Report prepared by Health Protection Surveillance Centre on 11/03/2021

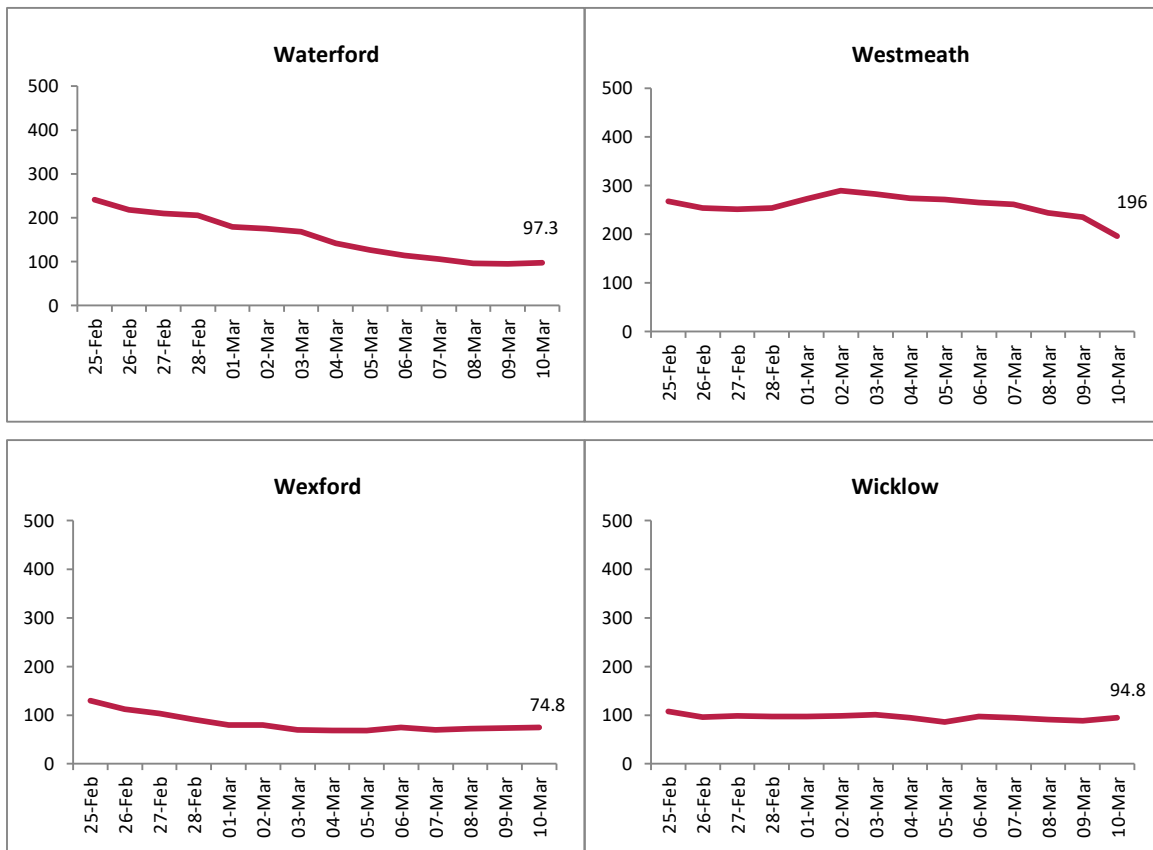


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (25/02/2021 to 10/03/2021)

