



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

Report prepared by HPSC on 17/03/2021

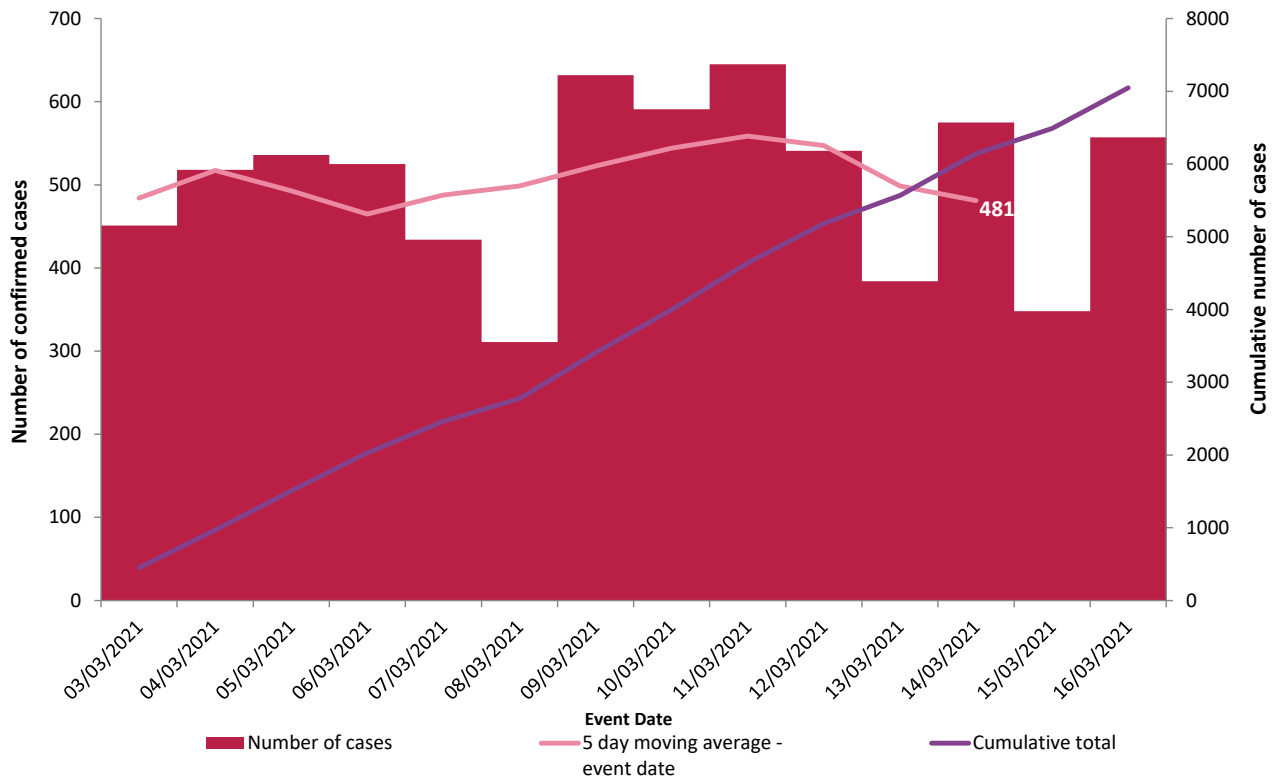
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 03/03/2021 up to midnight 16/03/2021

	Number	Percent
Total number of confirmed cases	7,048	
National incidence of confirmed cases per 100,000 population	148.01	
Number of cases hospitalised*	422	5.99
Number of cases admitted to ICU*	13	0.18
Number of deaths among confirmed cases	18	0.26
Case fatality ratio (CFR, %)	0.26	
National incidence of confirmed deaths per 100,000 population	0.38	
Number of cases** associated with clusters	1,378	19.55
Number of imported cases	58	0.82
Number of cases in healthcare workers	242	3.43
Males	3,550	50.37
Females	3,485	49.45
M:F ratio	1.02	
Median age (years)	31	
Mean age (years)	33	
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  
03/03/2021 - 16/03/2021

**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 11:25 on 17/03/2021 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=7,048)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 03/03/2021 up to midnight on 16/03/202**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>7,048</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	1.02	
	Male	3,550	50.37
	Female	3,485	49.45
	Unknown	13	0.18
<b>Age</b>	Median age (years)	31	
	Mean age (years)	33	
	Age range (years)	0 - 97	
	0-4 yrs	480	6.81
	5-12 yrs	744	10.56
	13-18 yrs	595	8.44
	19-24 yrs	906	12.85
	25-34 yrs	1,186	16.83
	35-44 yrs	1,137	16.13
	45-54 yrs	821	11.65
	55-64 yrs	569	8.07
	65-74 yrs	340	4.82
	75-84 yrs	195	2.77
	85+ yrs	74	1.05
	Unknown	1	0.01
<b>Symptom status at time of test*</b>	Yes	4,023	57.08
	No	1,431	20.3
	Unknown	1,594	22.62

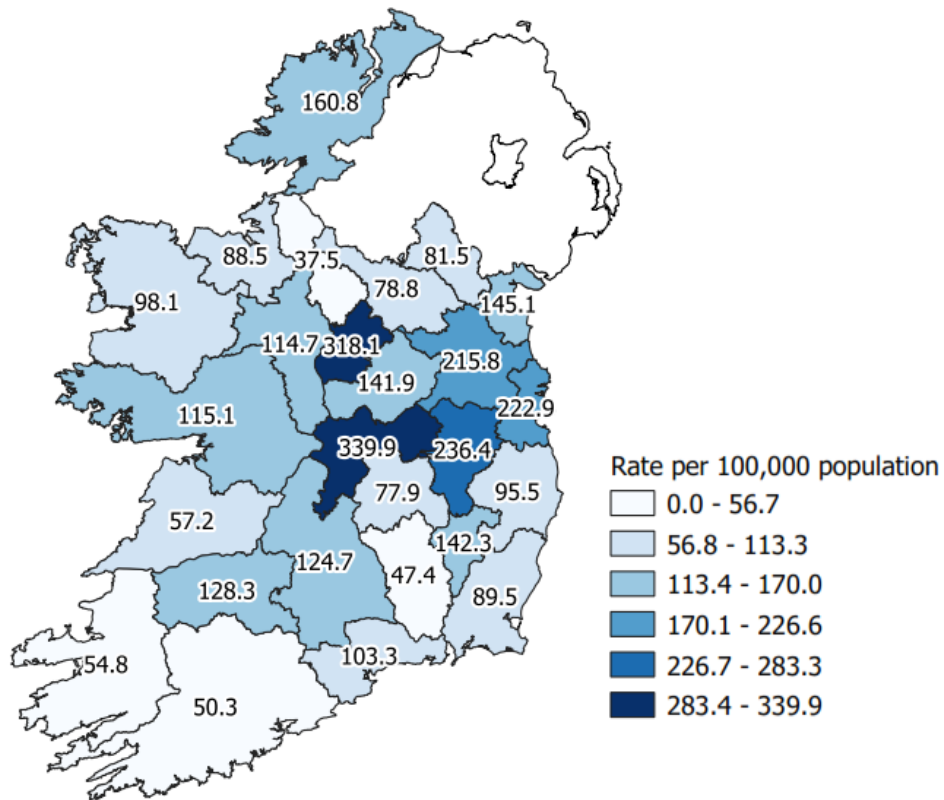
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 03/03/2021 to midnight 16/03/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	436	111.4
CHO2	499	110.1
CHO3	421	109.4
CHO4	354	51.3
CHO5	478	93.7
CHO6	656	171.2
CHO7	1,177	166.3
CHO8	1,195	193.0
CHO9	1,830	294.5
Unknown	2	
<b>Total</b>	<b>7,048</b>	<b>148.0</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 03/03/2021 to midnight 16/03/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (12/03/2021-16/03/2021)
Offaly	265	339.9	18
Longford	130	318.1	3
Kildare	526	236.4	40
Dublin	3,003	222.9	199
Meath	421	215.8	28
Donegal	256	160.8	24
Louth	187	145.1	11
Carlow	81	142.3	8
Westmeath	126	141.9	11
Limerick	250	128.3	9
Tipperary	199	124.7	19
Galway	297	115.1	24
Roscommon	74	114.7	6
Waterford	120	103.3	8
Mayo	128	98.1	5
Wicklow	136	95.5	8
Wexford	134	89.5	13
Sligo	58	88.5	4
Monaghan	50	81.5	2
Cavan	60	78.8	5
Laois	66	77.9	4
Clare	68	57.2	4
Kerry	81	54.8	6
Cork	273	50.3	17
Kilkenny	47	47.4	3
Leitrim	12	37.4	1
<b>Total</b>	<b>7,048</b>	<b>148.0</b>	<b>481</b>



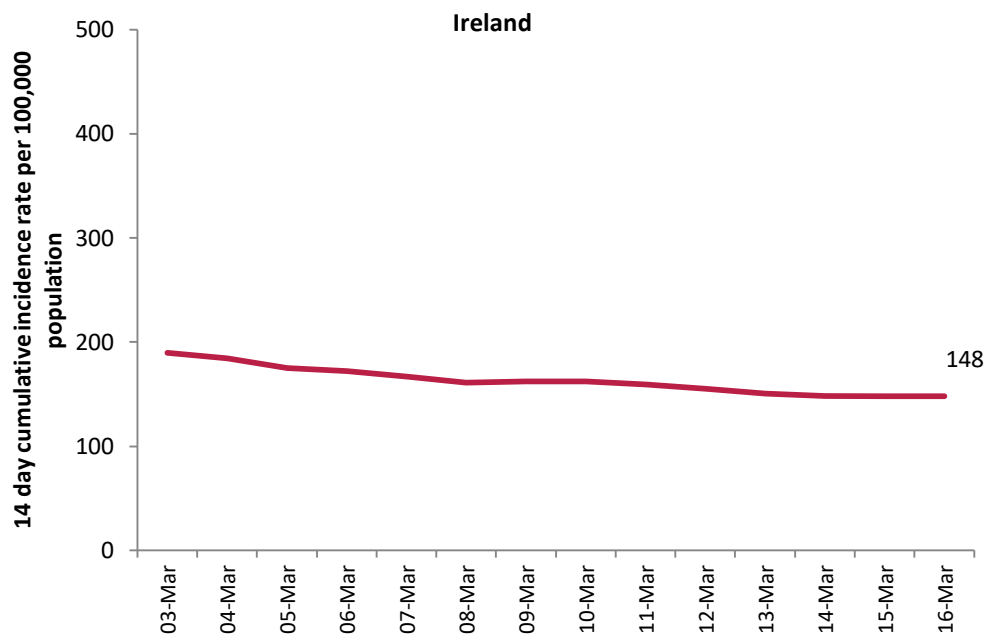
**Figure 2: Cumulative 14-day incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 03/03/2021 and 16/03/2021**

*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 03/03/2021 and 16/03/2021**

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	138	101.4
CCA2	Dublin South East	385	311.2
CCA3	Dublin South City	120	80.0
CCA4	Dublin South West	215	133.6
CCA5	Dublin West	313	201.5
CCA6	Dublin North West	601	289.4
CCA7	Dublin North Central	795	514.3
CCA8	Dublin North	434	167.5
	Unknown	2	
	<b>Dublin</b>	<b>3,003</b>	<b>222.9</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\* (03/03/2021 to 16/03/2021)**

\*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 03/03/2021 to midnight 16/03/2021**

Most likely transmission source	Number of cases	Percent
Travel related	120	1.70%
Close contact with a known confirmed case	3611	51.23%
Healthcare setting acquired: patient	98	1.39%
Healthcare setting acquired: staff	59	0.84%
Community transmission	1,413	20.05%
Under investigation	1,747	24.79%
<b>Total</b>	<b>7,048</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 03/03/2021 to midnight 16/03/2021 by age group, hospitalisation and ICU admission\***

Age Group (years)	Number of cases (n)	Cases hospitalised (n)	Cases hospitalised (%)	Cases admitted to ICU (n)
0-4 yrs	480	18	3.75	0
5-12 yrs	744	5	0.67	0
13-18 yrs	595	15	2.52	0
19-24 yrs	906	53	5.84	<5
25-34 yrs	1186	28	2.36	<5
35-44 yrs	1137	45	3.95	<5
45-54 yrs	821	50	6.09	<5
55-64 yrs	569	43	7.55	<5
65-74 yrs	340	55	16.17	<5
75-84 yrs	195	75	38.46	<5
85+ yrs	74	35	47.29	<5
Unknown	1			0
<b>Total</b>	<b>7,048</b>	<b>422</b>	<b>100</b>	<b>13</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 03/03/2021 up to midnight 16/03/2021

	Number	Percent	
Total number of deaths	22		
	Confirmed	18	81.82
	Possible	4	18.18
Total number of cases hospitalised	19	86.36	
Total number of male cases	12	54.55	
M:F ratio	1.2		
Median age (years)	75.5		
Mean age (years)	70		
Age range (years)	0 - 94		

Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 03/03/2021 up to midnight 16/03/2021

Age group (years)	Female	Male	Total	Percent
<65 yrs	*	*	10	45.46
65+ yrs	6	6	12	54.54
<b>Total</b>	<b>10</b>	<b>12</b>	<b>22</b>	<b>100</b>
<b>Percent</b>	<b>45.45</b>	<b>54.55</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.

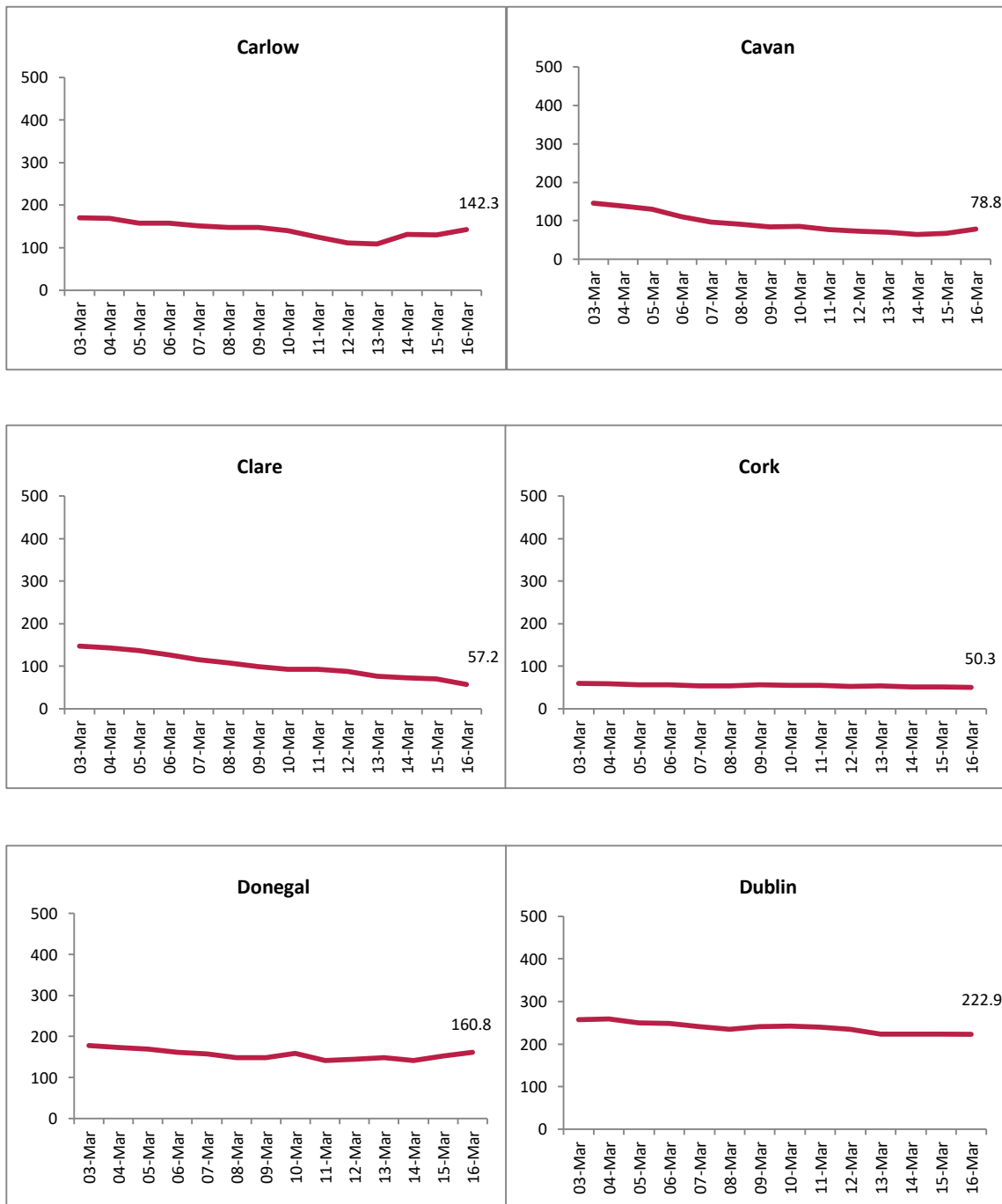
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

WHO definition of transmission classification is specified below:

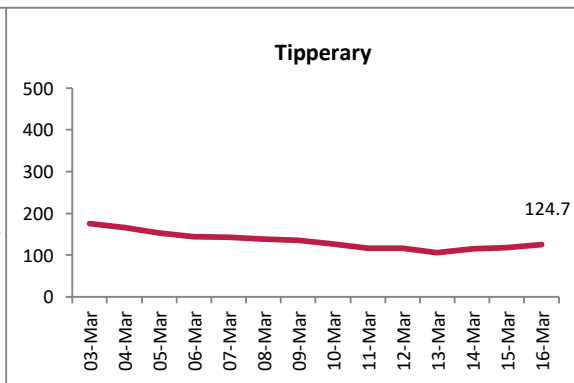
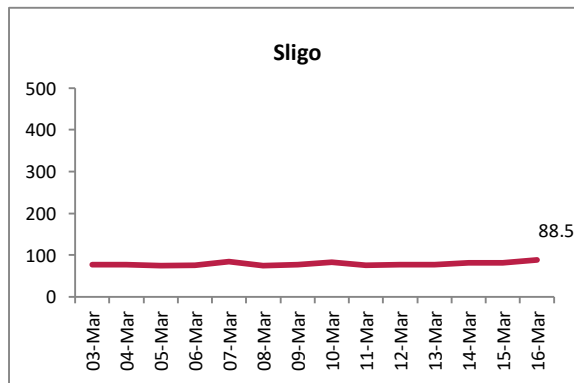
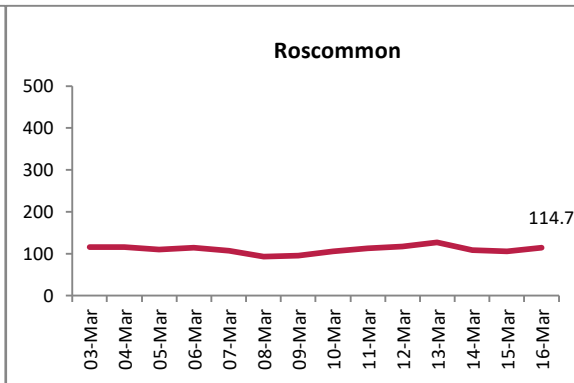
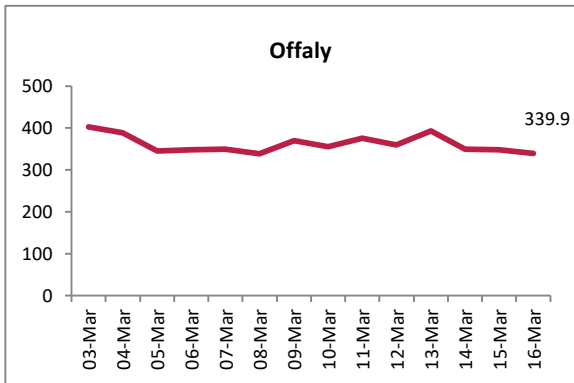
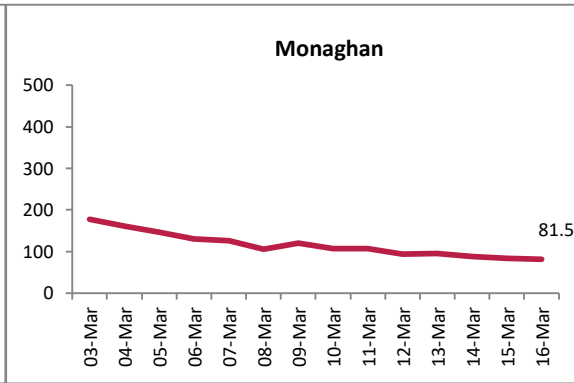
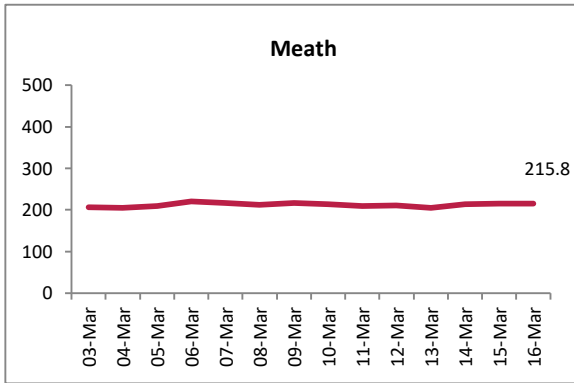
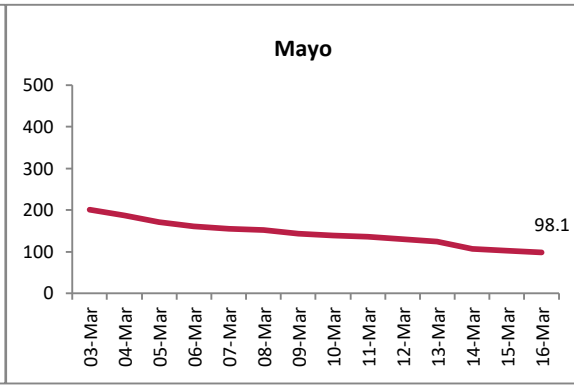
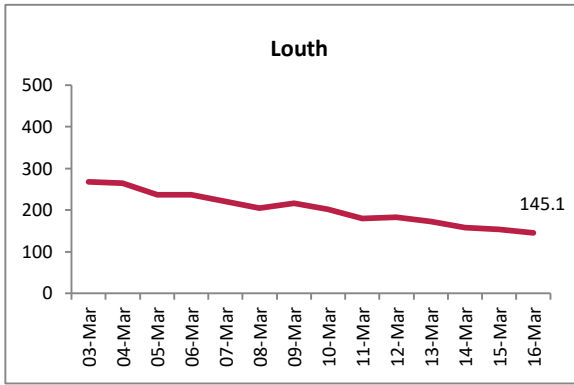
- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within 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 (03/03/2021 to 16/03/2021)

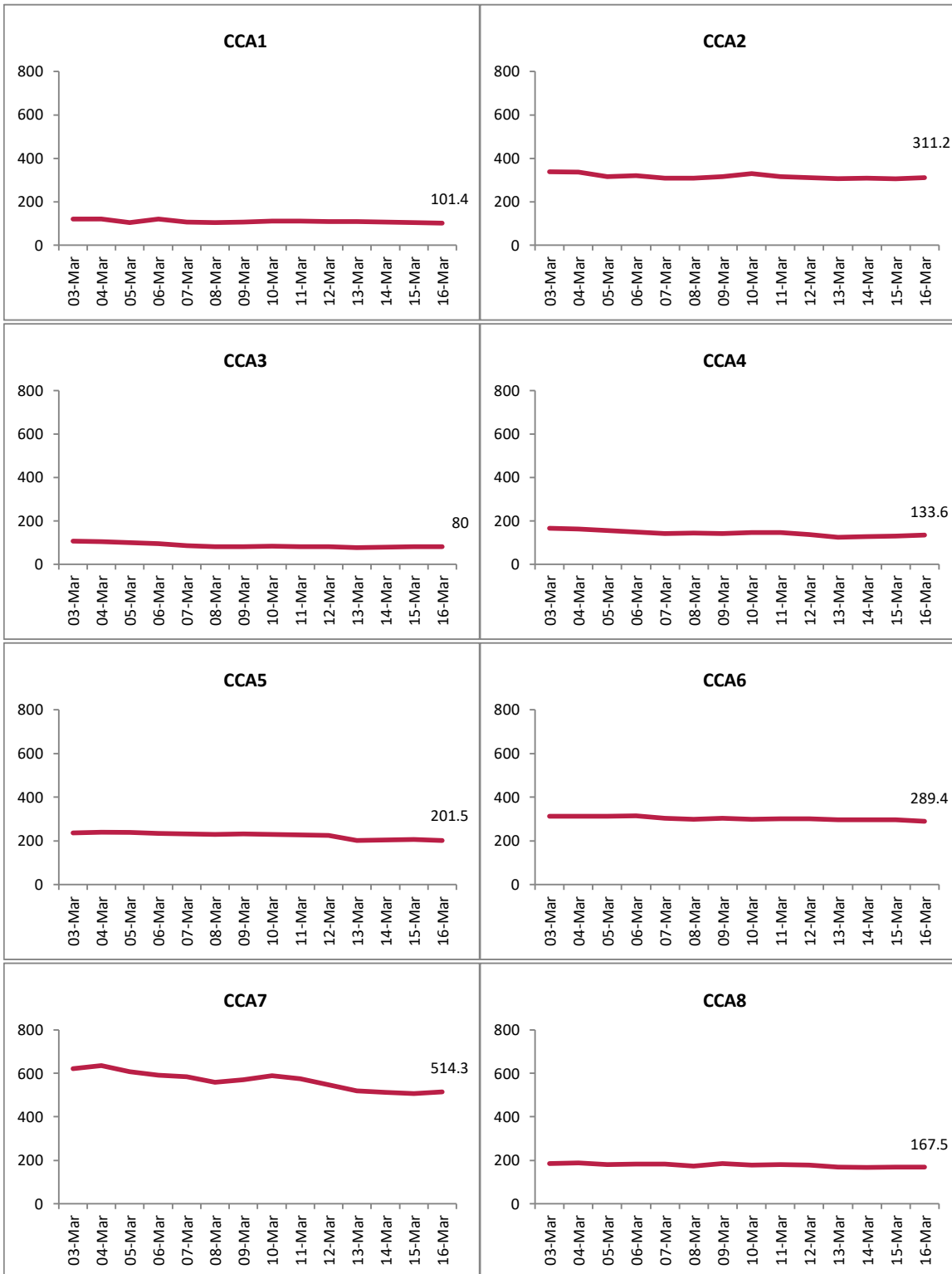








**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (03/03/2021 to 16/03/2021)**



Report prepared by Health Protection Surveillance Centre on 17/03/2021