



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

Report prepared by HPSC on 06/03/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 20/02/2021 up to midnight 05/03/2021

	Number	Percent
Total number of confirmed cases	8,360	
National incidence of confirmed cases per 100,000 population	175.56	
Number of cases hospitalised*	531	6.35
Number of cases admitted to ICU*	20	0.24
Number of deaths among confirmed cases	18	0.22
Case fatality ratio (CFR, %)	0.22	
National incidence of confirmed deaths per 100,000 population	0.38	
Number of cases** associated with clusters	1,570	18.78
Number of imported cases	26	0.31
Number of cases in healthcare workers	439	5.25
Males	4,163	49.8
Females	4,186	50.07
M:F ratio	0.99	
Median age (years)	33	
Mean age (years)	35	
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  
20/02/2021 - 05/03/2021

**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 11:41 on 06/03/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**

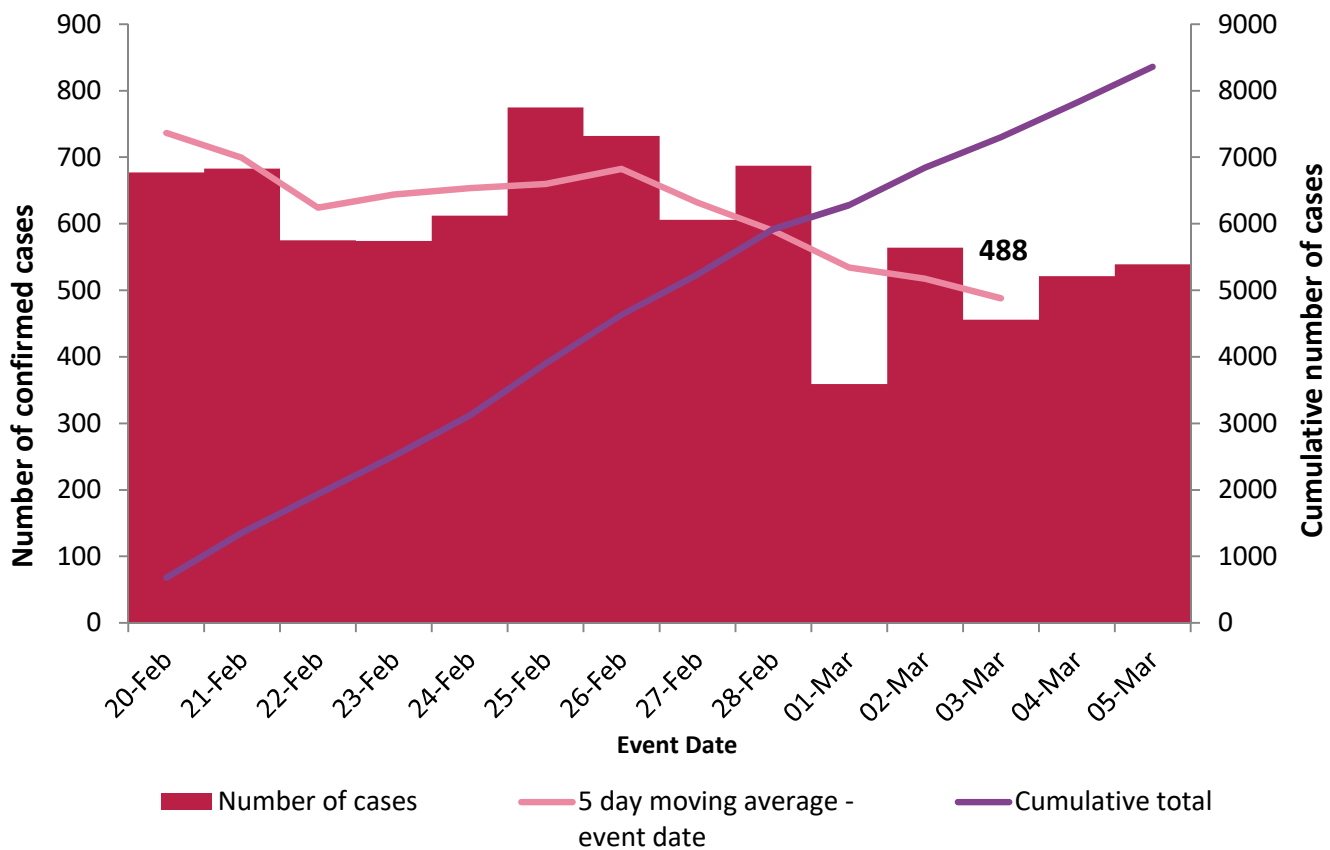


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=8,360)

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 20/02/2021 up to midnight on 05/03/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>8,360</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.99	
	Male	4,163	49.8
	Female	4,186	50.07
	Unknown	11	0.13
<b>Age</b>	Median age (years)	33	
	Mean age (years)	35	
	Age range (years)	0 - 99	
	0-4 yrs	526	6.29
	5-12 yrs	722	8.64
	13-18 yrs	603	7.21
	19-24 yrs	1,193	14.27
	25-34 yrs	1,389	16.61
	35-44 yrs	1,291	15.44
	45-54 yrs	1,085	12.98
	55-64 yrs	780	9.33
	65-74 yrs	364	4.35
	75-84 yrs	247	2.95
	85+ yrs	159	1.9
	Unknown	1	0.01
<b>Symptom status at time of test*</b>	Yes	4,913	58.77
	No	1,660	19.86
	Unknown	1,787	21.38

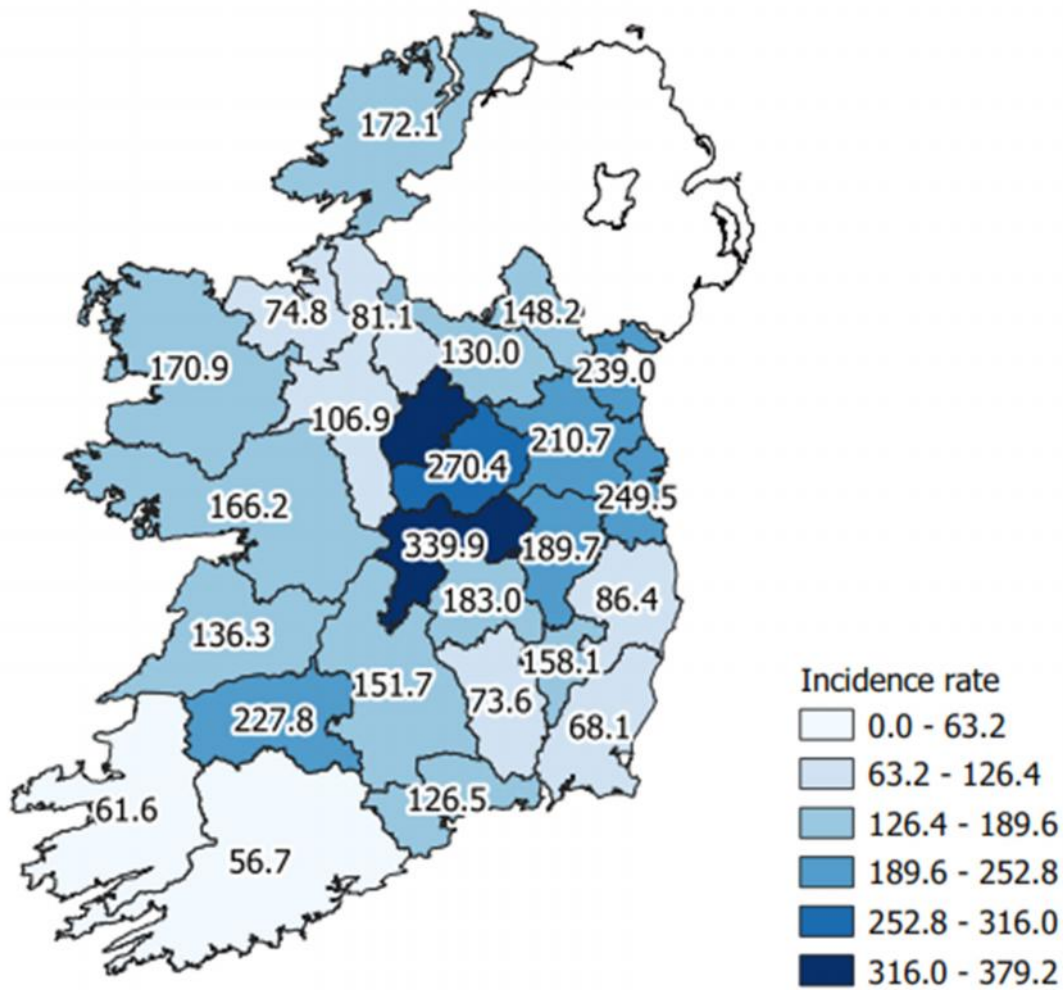
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 20/02/2021 to midnight 05/03/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	538	137.5
CHO2	721	159.1
CHO3	715	185.7
CHO4	399	57.8
CHO5	545	106.8
CHO6	652	170.2
CHO7	1,192	168.4
CHO8	1,534	247.7
CHO9	2,063	332.0
Unknown	1	
<b>Total</b>	<b>8,360</b>	<b>175.6</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 20/02/2021 to midnight 05/03/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (01/03/2021-05/03/2021)
Longford	155	379.2	13
Offaly	265	339.9	11
Westmeath	240	270.4	16
Dublin	3,362	249.5	225
Louth	308	239.0	16
Limerick	444	227.8	16
Meath	411	210.7	29
Kildare	422	189.7	25
Laois	155	183.0	7
Donegal	274	172.1	9
Mayo	223	170.9	10
Galway	429	166.2	18
Carlow	90	158.1	4
Tipperary	242	151.7	10
Monaghan	91	148.2	4
Clare	162	136.3	10
Cavan	99	130.0	5
Waterford	147	126.5	7
Roscommon	69	106.9	3
Wicklow	123	86.4	8
Leitrim	26	81.1	1
Sligo	49	74.8	3
Kilkenny	73	73.6	4
Wexford	102	68.1	7
Kerry	91	61.6	4
Cork	308	56.7	21
<b>Total</b>	<b>8,360</b>	<b>175.6</b>	<b>488</b>



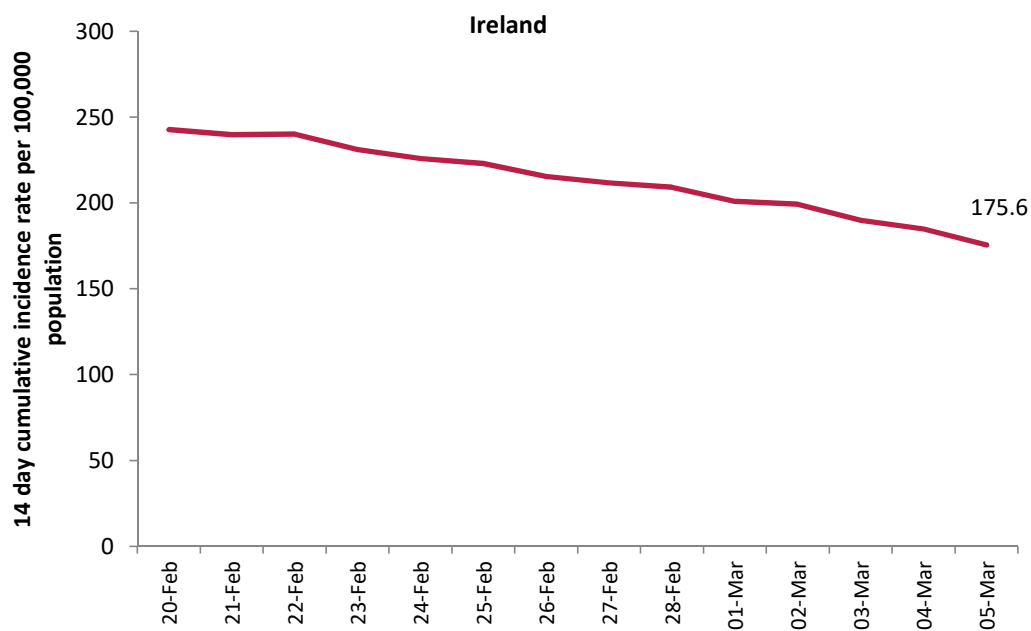
**Figure 2: Cumulative 14-day incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 20/02/2021 and 05/03/2021**

*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 20/02/2021 and 05/03/2021**

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	141	103.6
CCA2	Dublin South East	394	318.5
CCA3	Dublin South City	148	98.7
CCA4	Dublin South West	249	154.8
CCA5	Dublin West	367	236.3
CCA6	Dublin North West	648	312.0
CCA7	Dublin North Central	947	612.6
CCA8	Dublin North	468	180.6
	<b>Dublin</b>	<b>3,362</b>	<b>249.5</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\* (20/02/2021 to 05/03/2021)**

\*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 20/02/2021 to midnight 05/03/2021**

Most likely transmission source	Number of cases	Percent
Travel related*	81	0.97%
Close contact with a known confirmed case	4,352	52.06%
Healthcare setting acquired: patient	212	2.54%
Healthcare setting acquired: staff	151	1.81%
Community transmission	1,582	18.92%
Under investigation	1,982	23.71%
<b>Total</b>	<b>8,360</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 20/02/2021 to midnight 05/03/2021 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	526	23	4.33	0	0.0
5-12 yrs	722	16	3.01	0	0.0
13-18 yrs	603	20	3.77	<5	-
19-24 yrs	1193	53	9.98	0	0.0
25-34 yrs	1389	54	10.17	0	0.0
35-44 yrs	1291	55	10.36	<5	-
45-54 yrs	1085	71	13.37	7	35.0
55-64 yrs	780	53	9.98	<5	-
65-74 yrs	364	64	12.05	<5	-
75-84 yrs	247	72	13.56	<5	-
85+ yrs	159	49	9.23	0	0.0
Unknown	1	1	0.19	0	0.0
<b>Total</b>	<b>8,360</b>	<b>531</b>	<b>100.0</b>	<b>20</b>	<b>100.0</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 20/02/2021 up to midnight 05/03/2021**

	Number	Percent
Total number of deaths	20	
	Confirmed	18
	Possible	2
Total number of cases hospitalised	12	60
Total number of male cases	9	45
M:F ratio	0.8	
Median age (years)	79	
Mean age (years)	74	
Age range (years)	0 - 90	

**Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 20/02/2021 up to midnight 05/03/2021**

Age group (years)	Female	Male	Total	Percent
0-4 yrs	*		1	5
45-54 yrs		*	1	5
55-64 yrs	*	*	2	10
65-74 yrs	*	*	3	15
75-84 yrs	*	*	7	35
85+ yrs	*	*	6	30
<b>Total</b>	<b>11</b>	<b>9</b>	<b>20</b>	<b>100</b>
<b>Percent</b>	<b>55</b>	<b>45</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.

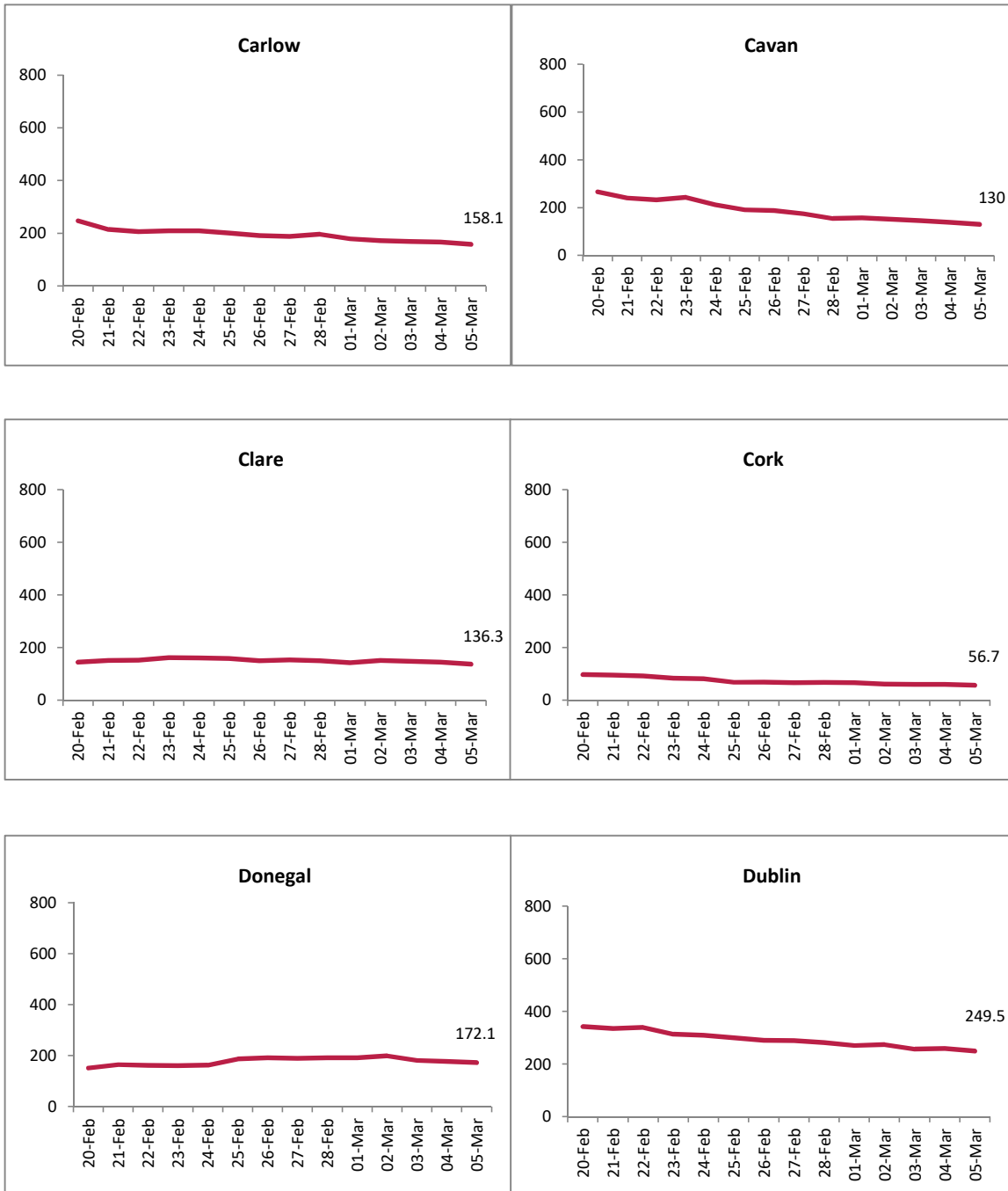
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

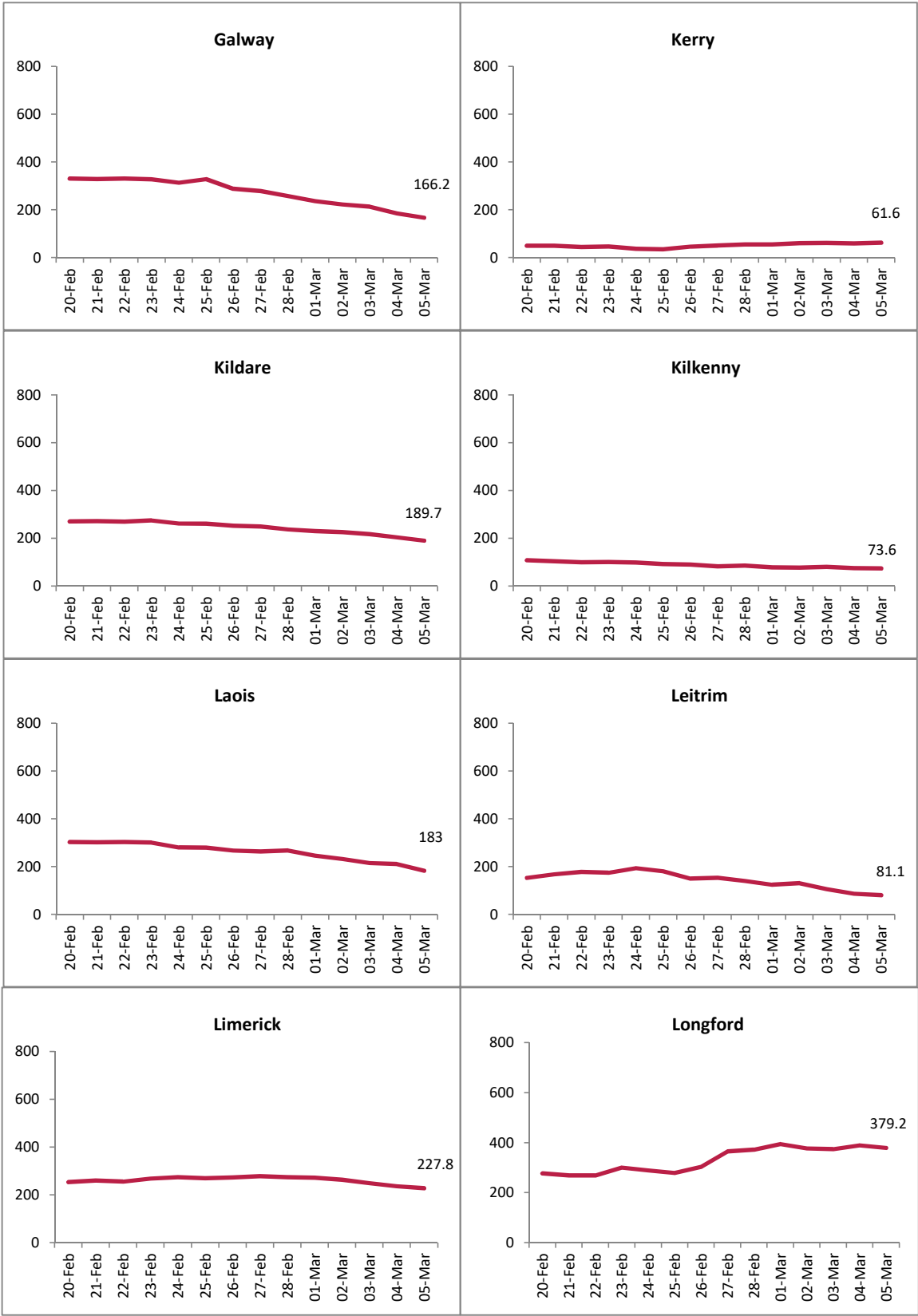
WHO definition of transmission classification is specified below:

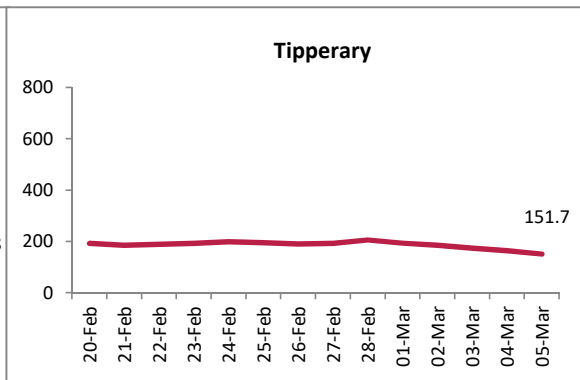
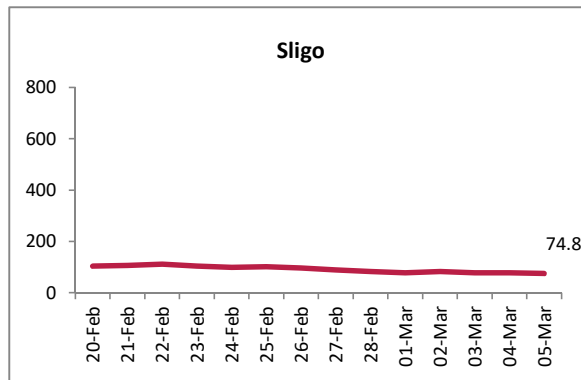
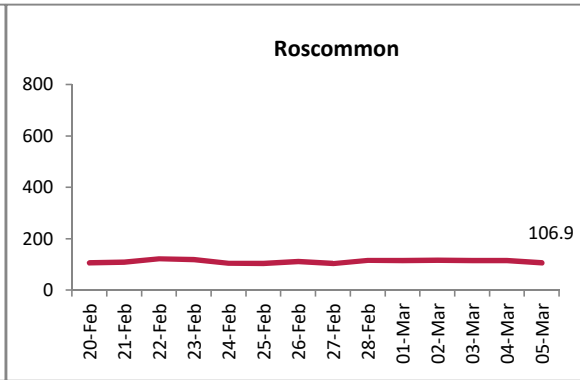
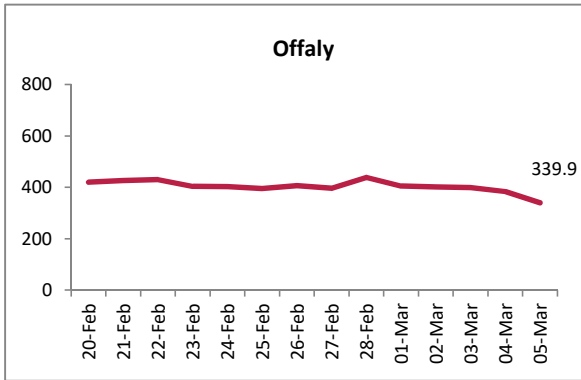
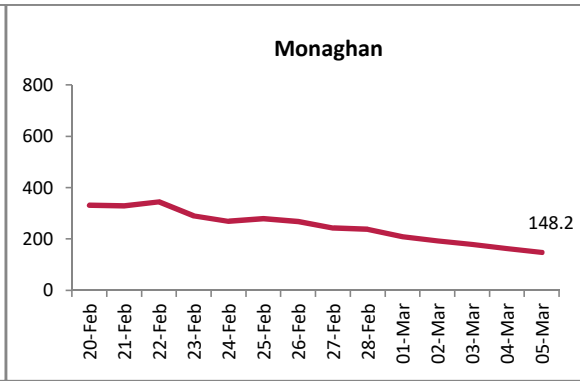
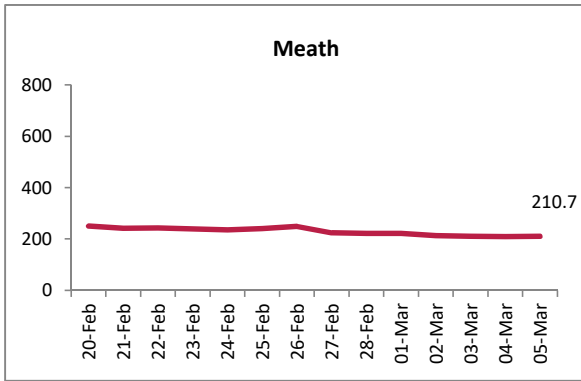
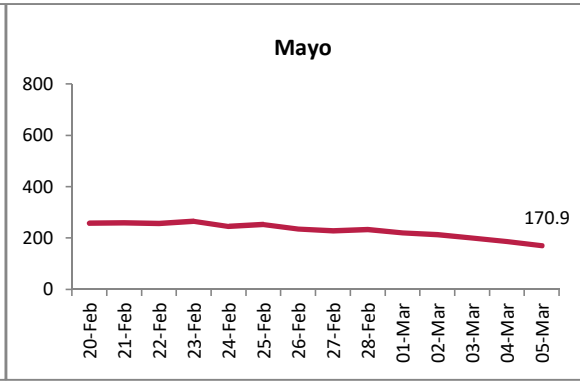
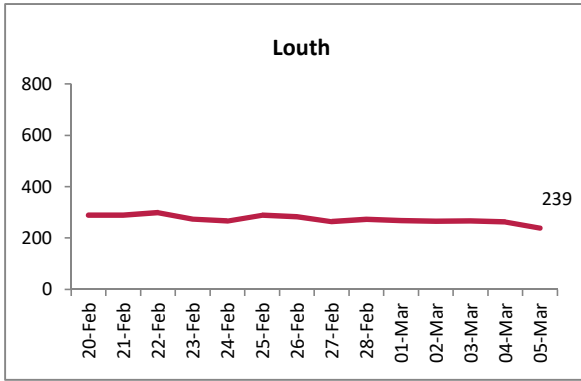
- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within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

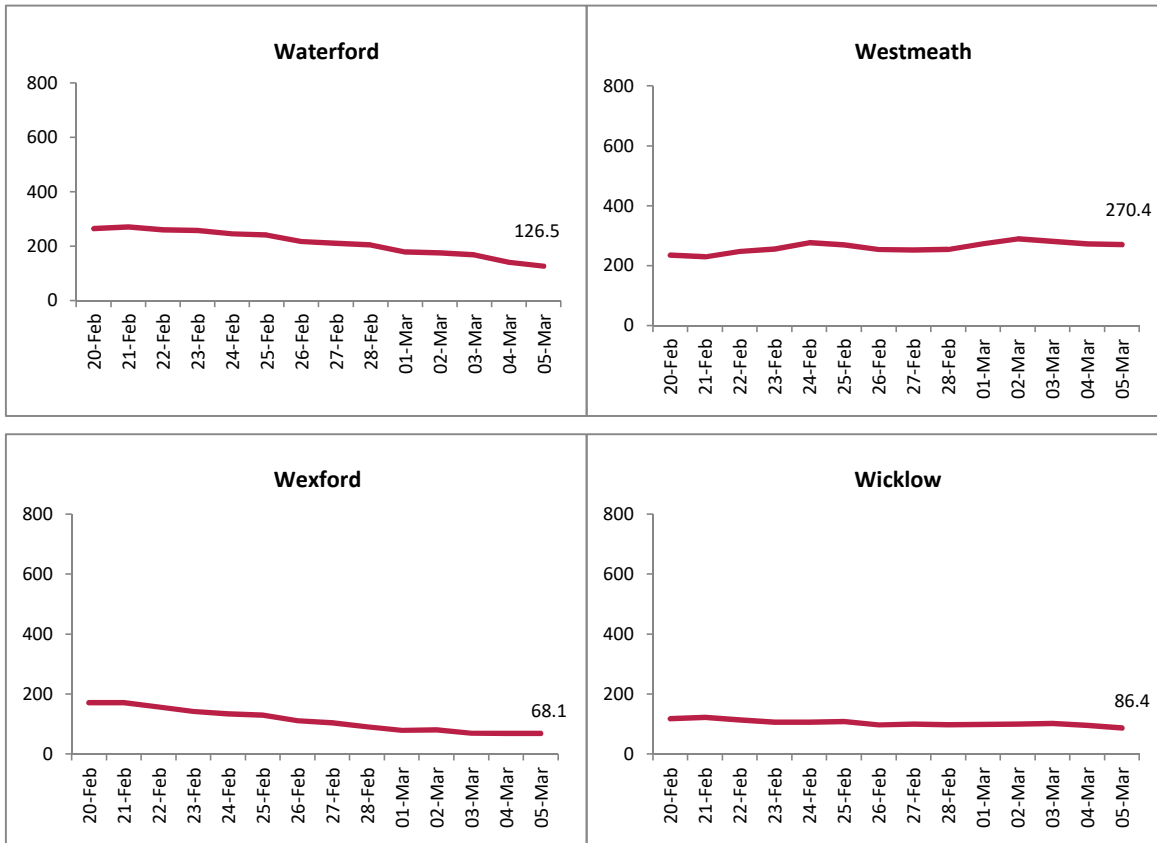
## Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (20/02/2021 to 05/03/2021)

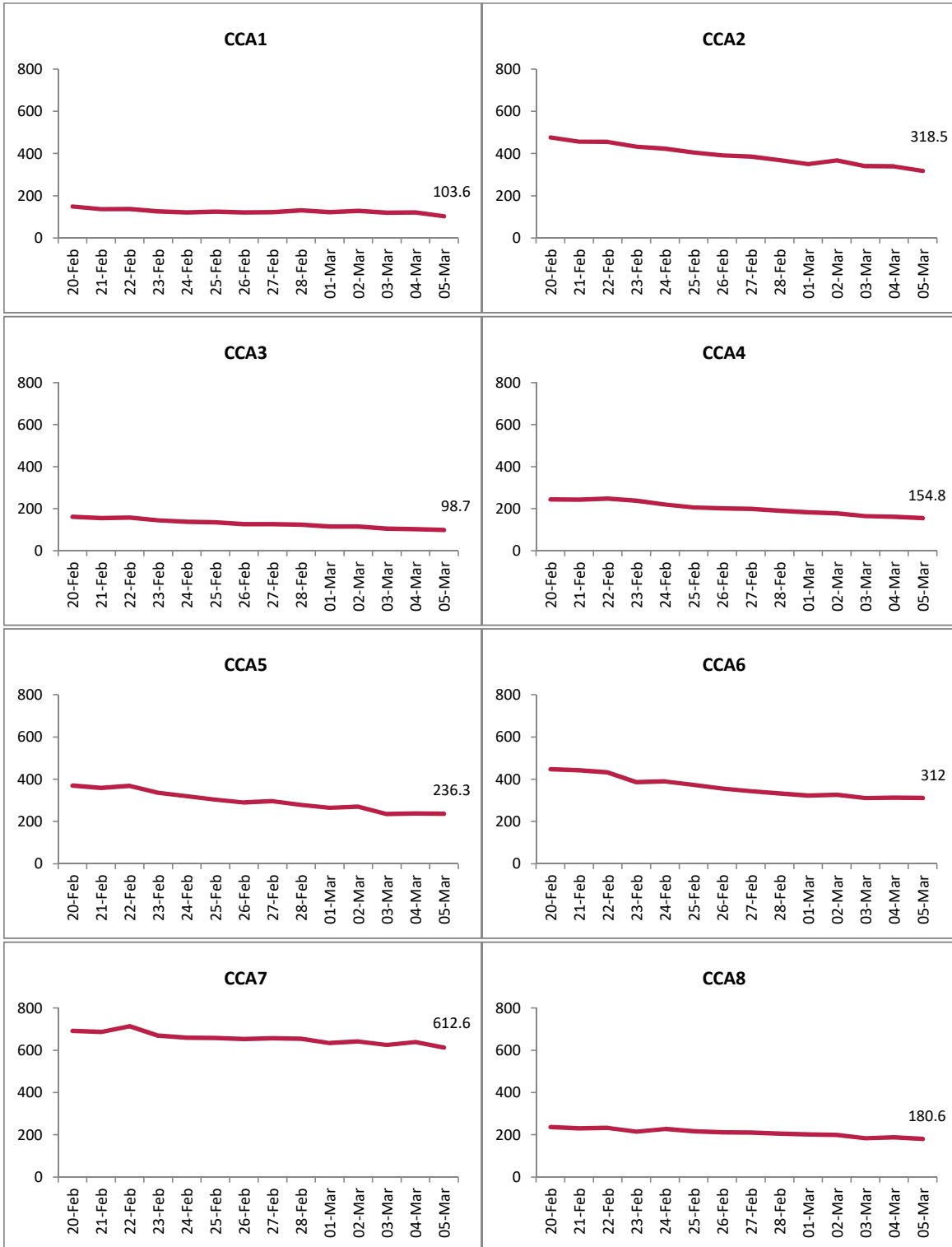








**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (20/02/2021 to 05/03/2021)**



Report prepared by Health Protection Surveillance Centre on 06/03/2021