



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

Report prepared by HPSC on 12/04/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 29/03/2021 up to midnight 11/04/2021

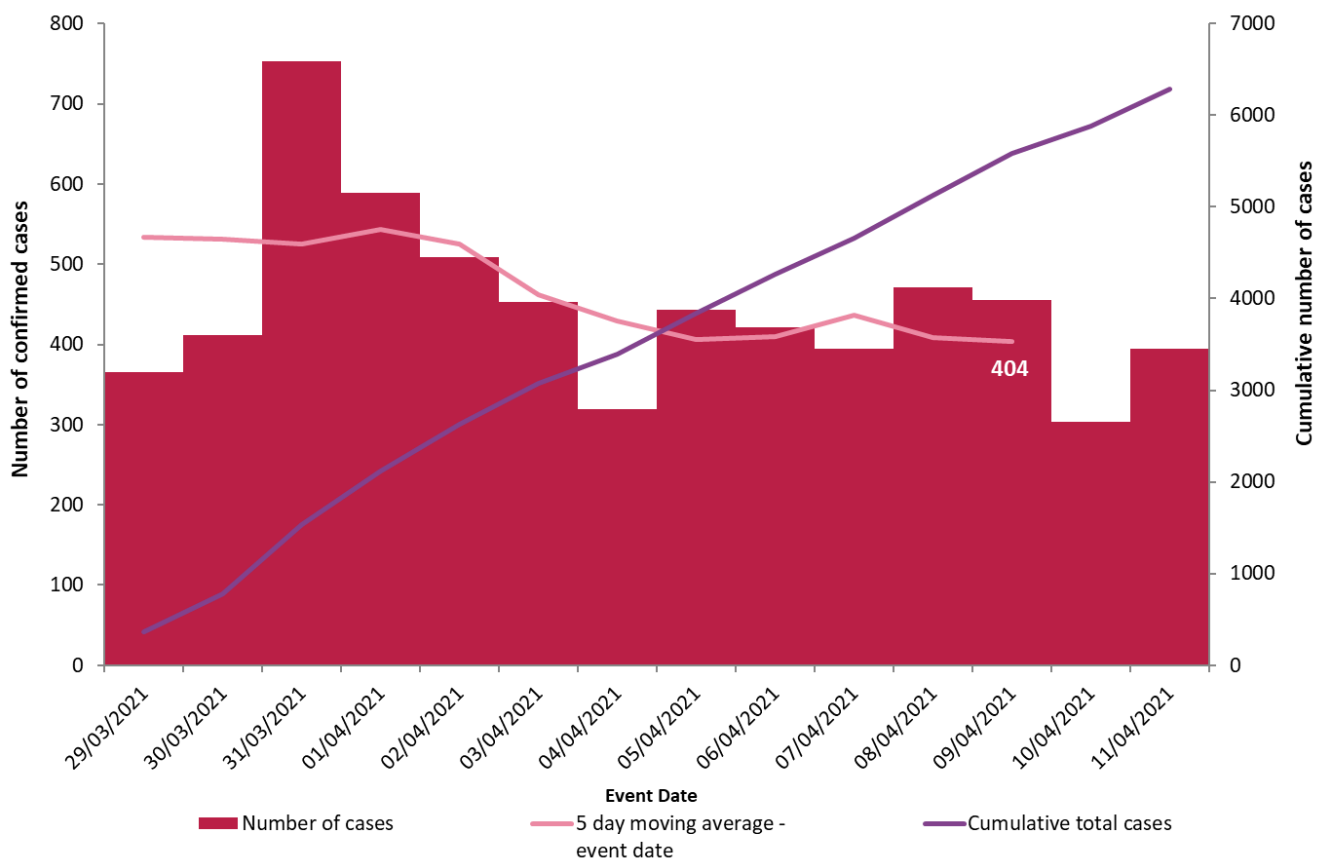
	Number	Percent
Total number of confirmed cases	6,281	
National incidence of confirmed cases per 100,000 population	131.9	
Number of cases hospitalised*	239	3.81
Number of cases admitted to ICU*	13	0.21
Number of deaths among confirmed cases	2	0.03
Case fatality ratio (CFR, %)	0.03	
National incidence of confirmed deaths per 100,000 population	0.04	
Number of cases** associated with clusters	1,447	23.04
Number of imported cases	47	0.75
Number of cases in healthcare workers	120	1.91
Males	3,166	50.41
Females	3,108	49.48
M:F ratio	1.02	
Median age (years)	32	
Mean age (years)	33	
Age range (years)	0 - 96	

\* The number of cases hospitalised and admitted to ICU described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

^ The number of deaths described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all COVID-19 deaths which occurred during the period covered by the report. It also does not reflect the final number of deaths for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

\*\*Cases may be associated with outbreaks notified outside the timeframe of this report 29/03/2021 - 11/04/2021

**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 07:39 on 12/04/2021 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=6,281)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 29/03/2021 up to midnight on 11/04/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>6,281</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	1.02	
	Male	3,166	50.41
	Female	3,108	49.48
	Unknown	7	0.11
<b>Age</b>	Median age (years)	32	
	Mean age (years)	33	
	Age range (years)	0 - 96	
	0-4 yrs	397	6.32
	5-12 yrs	844	13.44
	13-18 yrs	467	7.44
	19-24 yrs	707	11.26
	25-34 yrs	1,018	16.21
	35-44 yrs	1,172	18.66
	45-54 yrs	764	12.16
	55-64 yrs	502	7.99
	65-74 yrs	248	3.95
	75-84 yrs	118	1.88
	85+ yrs	44	0.7
<b>Symptom status at time of test*</b>	Yes	2,782	44.29
	No	1,257	20.01
	Unknown	2,242	35.69

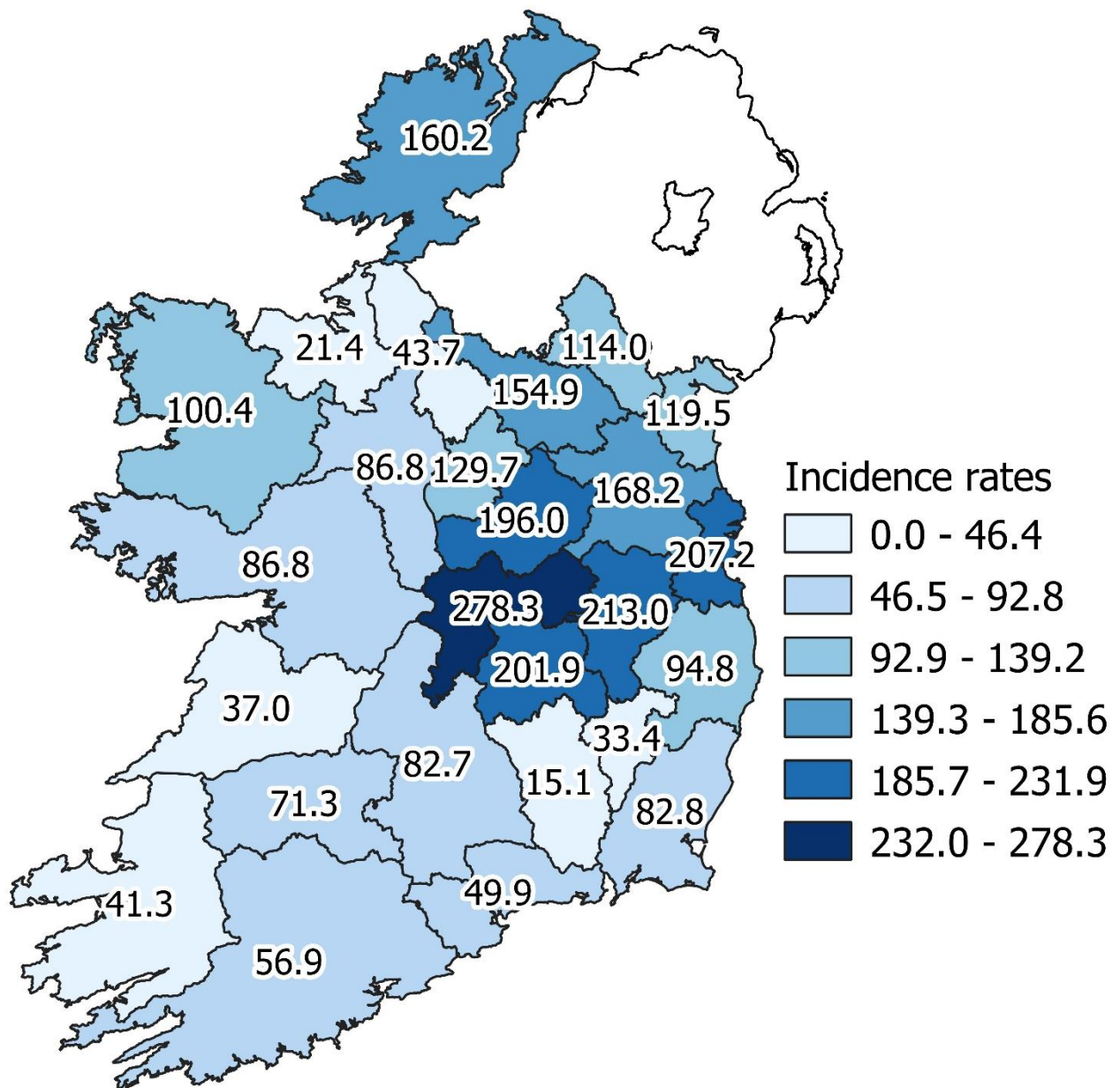
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 29/03/2021 to midnight 11/04/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	471	120.4
CHO2	411	90.7
CHO3	270	70.1
CHO4	370	53.6
CHO5	261	51.1
CHO6	400	104.4
CHO7	1,259	177.9
CHO8	1,097	177.1
CHO9	1,741	280.2
Unknown	1	
<b>Total</b>	<b>6,281</b>	<b>131.9</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 29/03/2021 to midnight 11/04/2021**

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (07/04/2021-11/04/2021)
Offaly	217	278.3	13
Kildare	474	213.0	38
Dublin	2792	207.2	180
Laois	171	201.9	9
Westmeath	174	196.0	9
Meath	328	168.2	21
Donegal	255	160.2	19
Cavan	118	154.9	7
Longford	53	129.7	4
Louth	154	119.5	7
Monaghan	70	114.0	5
Mayo	131	100.4	12
Wicklow	135	94.8	8
Galway	224	86.8	18
Roscommon	56	86.8	4
Wexford	124	82.8	3
Tipperary	132	82.7	5
Limerick	139	71.3	10
Cork	309	56.9	17
Waterford	58	49.9	3
Leitrim	14	43.7	1
Kerry	61	41.3	5
Clare	44	37.0	3
Carlow	19	33.4	1
Sligo	14	21.4	1
Kilkenny	15	15.1	1
<b>Total</b>	<b>6,281</b>	<b>131.9</b>	<b>404</b>



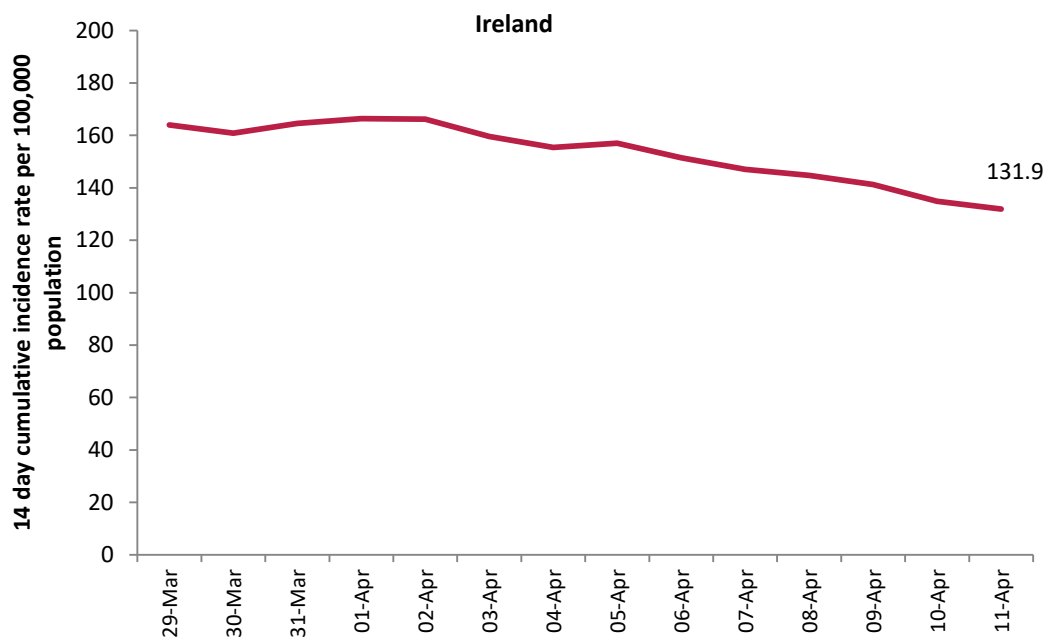
**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 29/03/2021 and 11/04/2021**

*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 29/03/2021 and 11/04/2021**

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	95	69.8
CCA2	Dublin South East	174	140.7
CCA3	Dublin South City	178	118.7
CCA4	Dublin South West	304	188.9
CCA5	Dublin West	299	192.5
CCA6	Dublin North West	704	339.0
CCA7	Dublin North Central	431	278.8
CCA8	Dublin North	606	233.8
	Unknown	1	
	<b>Dublin</b>	<b>2,792</b>	<b>207.2</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\* (29/03/2021 to 11/04/2021)**

\*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 29/03/2021 to midnight 11/04/2021.**

Most likely transmission source	Number of cases	Percent
Travel related^	119	1.89%
Close contact with a known confirmed case	1,894	30.15%
Healthcare setting acquired: patient	80	1.27%
Healthcare setting acquired: staff	24	0.38%
Community transmission	1,007	16.03%
Under investigation	3,157	50.26%
<b>Total</b>	<b>6,281</b>	<b>100.00%</b>

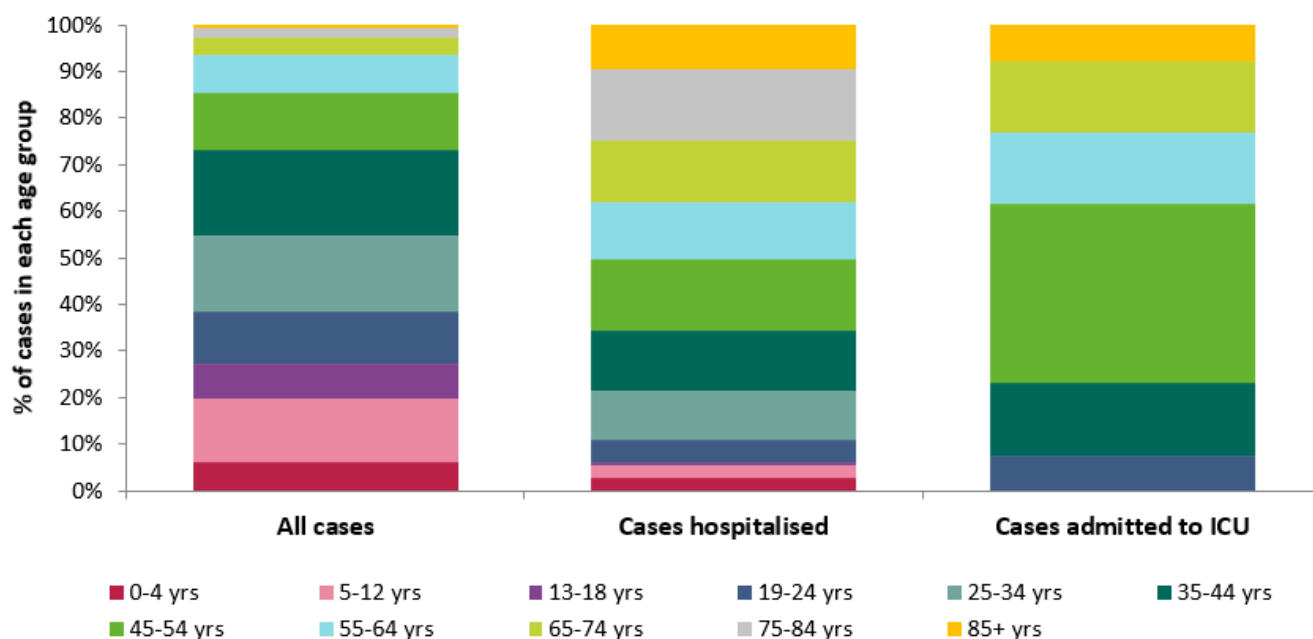
\* Please note there is currently a delay in updating most likely transmission source data due to recent changes made to the HSE CovidCare Tracker.

^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 29/03/2021 to midnight 11/04/2021 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	397	7	2.93	0	0
5-12 yrs	844	6	2.51	0	0
13-24 yrs <sup>^</sup>	1,174	13	5.44	<5	-
25-34 yrs	1,018	25	10.46	0	0
35-44 yrs	1,172	31	12.97	<5	-
45-54 yrs	764	37	15.48	5	38.46
55-64 yrs	502	29	12.13	<5	-
65-74 yrs	248	32	13.39	<5	-
75-84 yrs	118	36	15.06	0	0
85+ yrs	44	23	9.62	<5	-
<b>Total</b>	<b>6,281</b>	<b>239</b>	<b>100</b>	<b>13</b>	<b>100</b>



**Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 29/03/2021 to midnight 11/04/2021 in each age group, all cases, cases admitted to hospital and cases admitted to ICU\***

\* The number of cases hospitalised and admitted to ICU described in the above table and figure relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

<sup>^</sup> 13-18 yrs and 19-24 yrs age groups are combined in this table due to the hospitalisation data for one or both of these age categories being <5

## Deaths among COVID-19 cases

**Table 7: Summary of deaths\* in all COVID-19 cases notified in Ireland from 29/03/2021 up to midnight 11/04/2021**

	Number	Percent
Total number of deaths	2	
Confirmed	2	100
Total number of cases hospitalised	2	100
Total number of male cases	0	
M:F ratio	0:1	
Median age (years)	73	
Mean age (years)	73	
Age range (years)	66 - 80	

**Table 8: Number of deaths\* in all COVID-19 cases by sex and age group notified in Ireland from 29/03/2021 up to midnight 11/04/2021**

Age group (years)	Female	Total	Percent
>65 yrs	2	2	100
<b>Total</b>	<b>2</b>	<b>2</b>	<b>100</b>
<b>Percent</b>	<b>100</b>		

\* The number of deaths described in the above tables relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all COVID-19 deaths which occurred during the period covered by the report. It also does not reflect the final number of deaths for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

## **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.

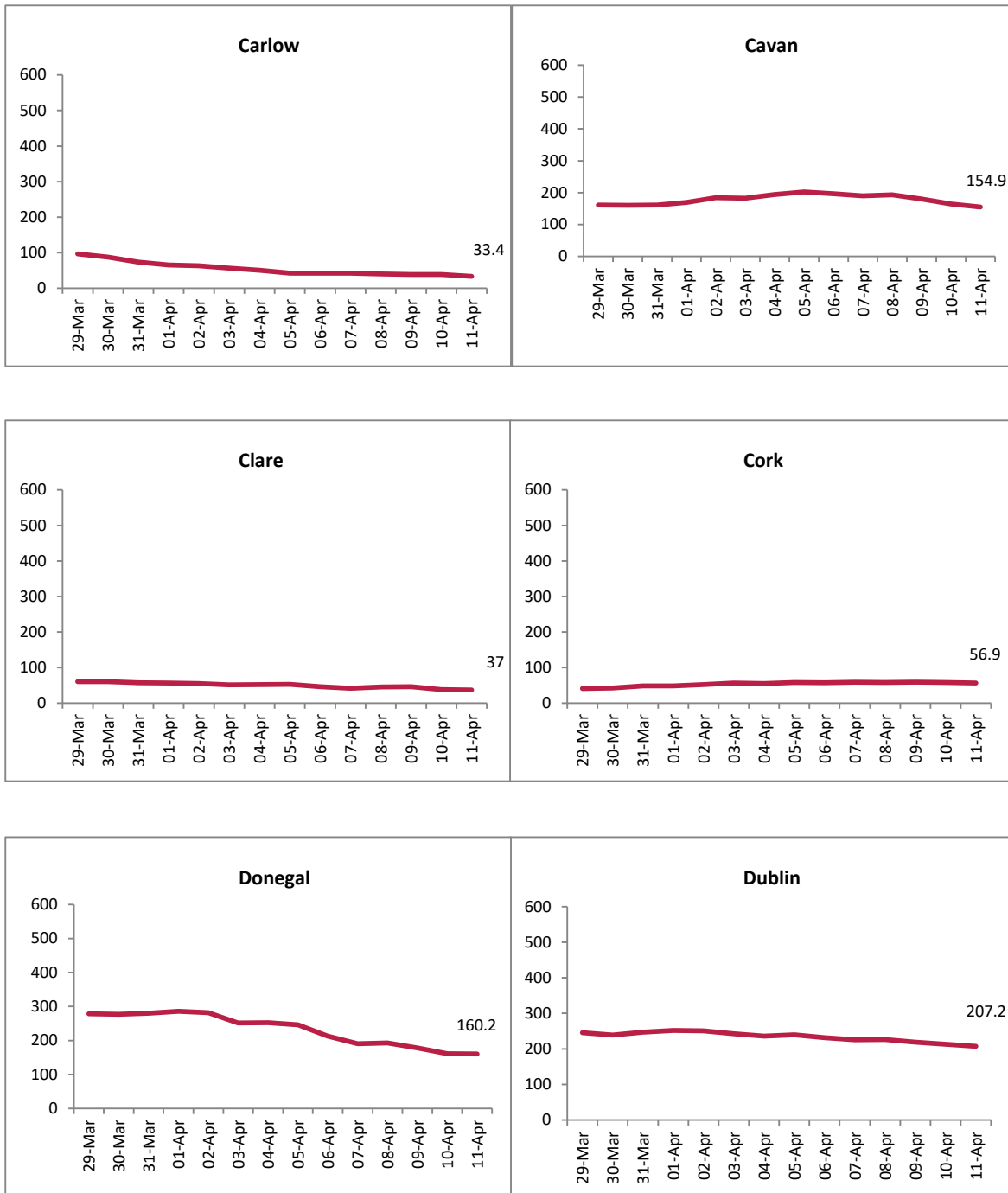
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

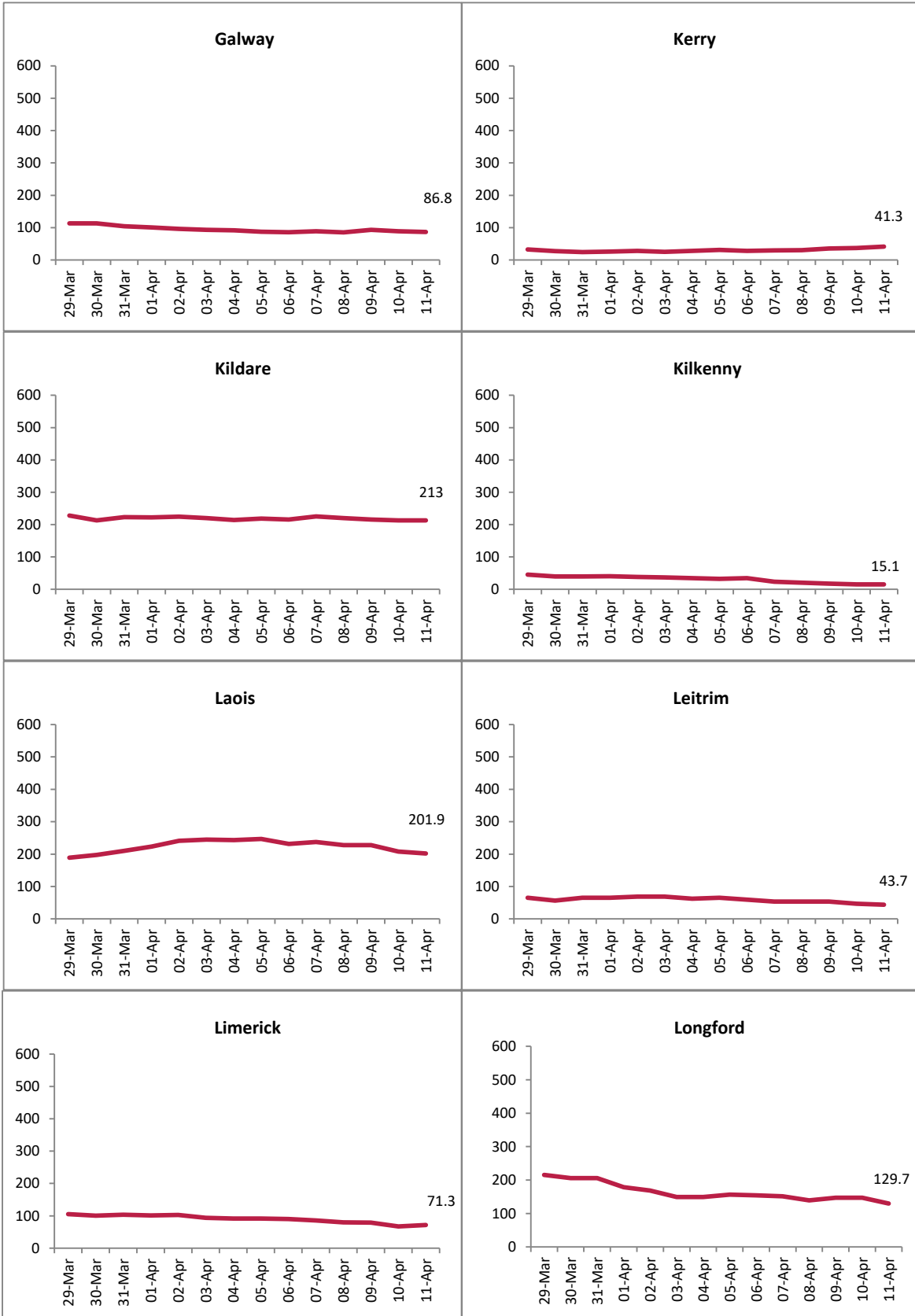
WHO definition of transmission classification is specified below:

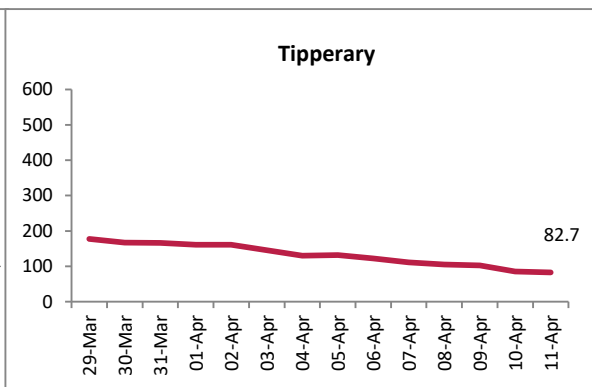
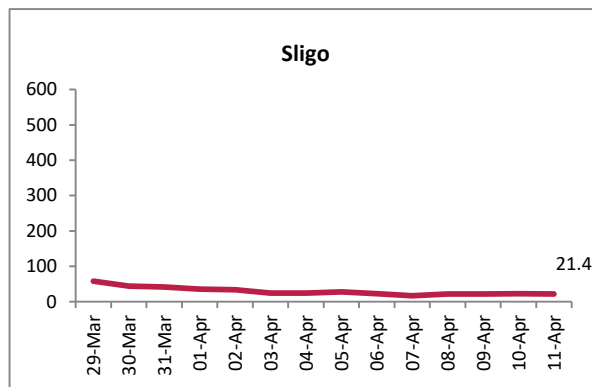
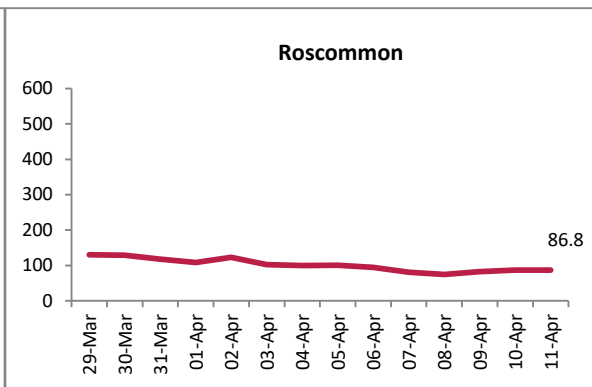
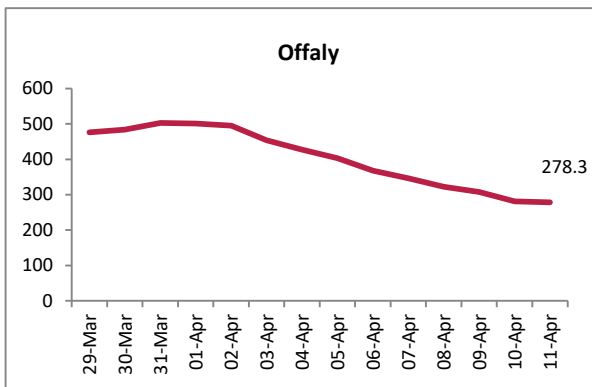
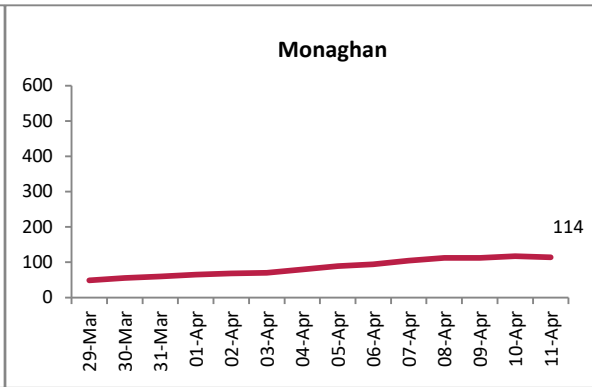
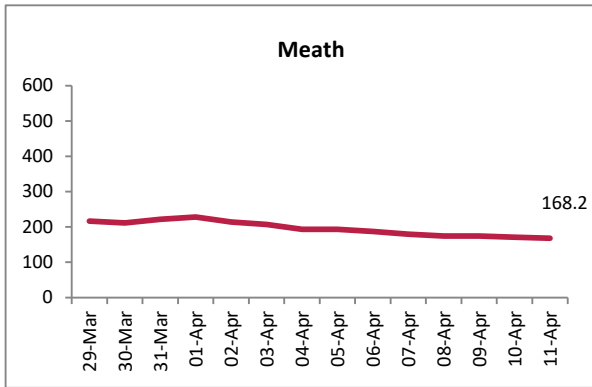
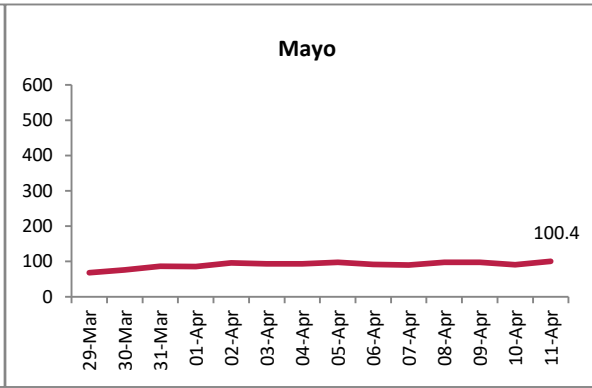
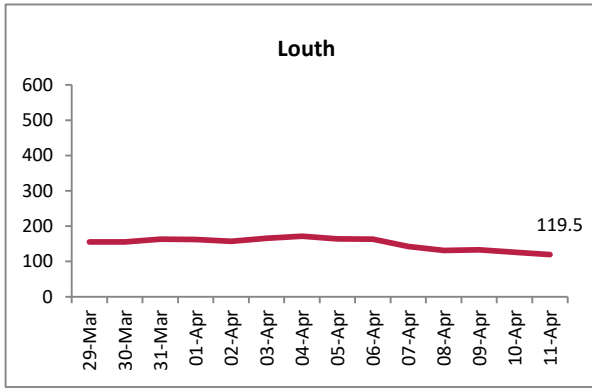
- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within 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 (29/03/2021 to 11/04/2021)







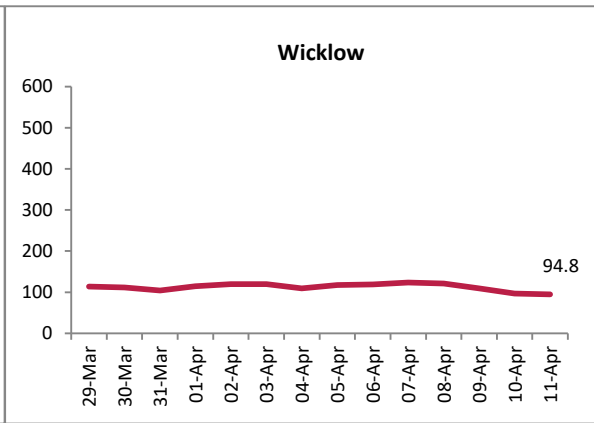
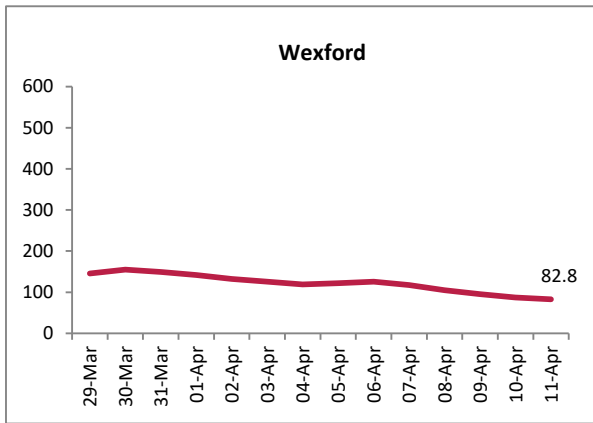
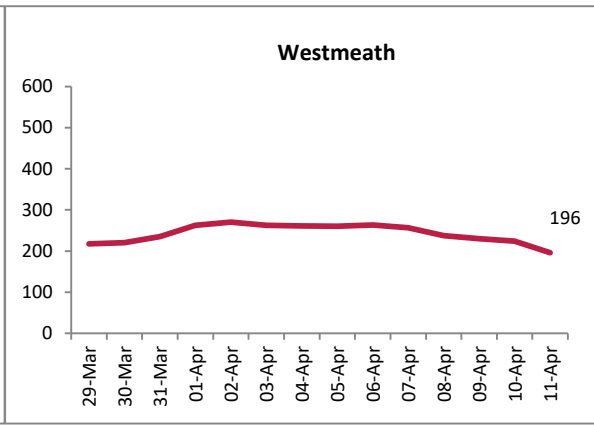
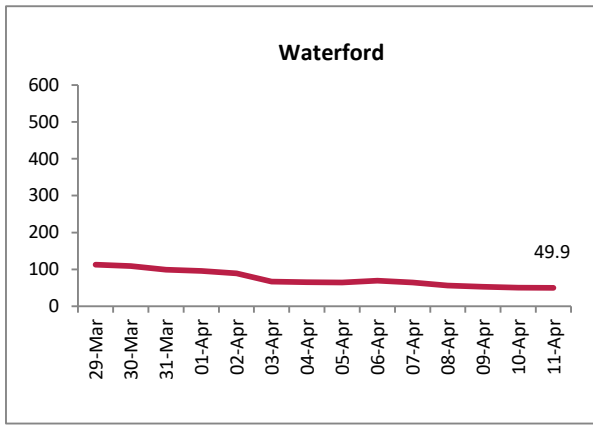




Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (29/03/2021 to 11/04/2021)

