



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 14/03/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 28/02/2021 up to midnight 13/03/2021

	Number	Percent
Total number of confirmed cases	7,175	
National incidence of confirmed cases per 100,000 population	150.68	
Number of cases hospitalised*	406	5.66
Number of cases admitted to ICU*	16	0.22
Number of deaths among confirmed cases	7	0.1
Case fatality ratio (CFR, %)	0.1	
National incidence of confirmed deaths per 100,000 population	0.15	
Number of cases** associated with clusters	1,237	17.24
Number of imported cases	45	0.63
Number of cases in healthcare workers	283	3.94
Males	3,622	50.48
Females	3,540	49.34
M:F ratio	1.02	
Median age (years)	31	
Mean age (years)	34	
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
28/02/2021 - 13/03/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:23 on 14/03/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

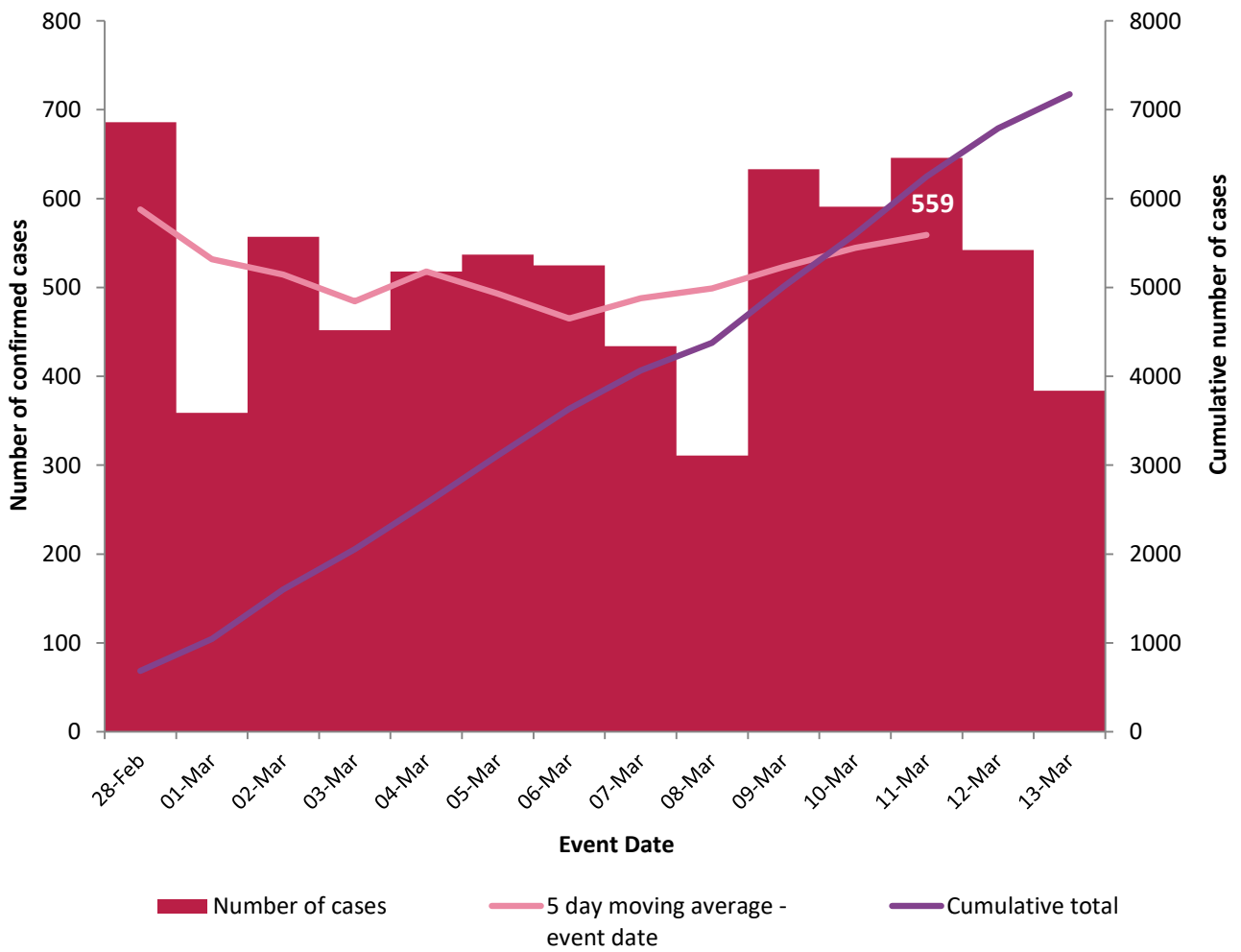


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=7,175)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 28/02/2021 up to midnight on 13/03/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		7,175	100
Sex	Male:Female ratio	1.02	
	Male	3,622	50.48
	Female	3,540	49.34
	Unknown	13	0.18
Age	Median age (years)	31	
	Mean age (years)	34	
	Age range (years)	0 - 97	
	0-4 yrs	455	6.34
	5-12 yrs	696	9.7
	13-18 yrs	592	8.25
	19-24 yrs	989	13.78
	25-34 yrs	1,215	16.93
	35-44 yrs	1,127	15.71
	45-54 yrs	877	12.22
	55-64 yrs	619	8.63
	65-74 yrs	330	4.6
	75-84 yrs	194	2.7
	85+ yrs	80	1.11
	Unknown	1	0.01
Symptom status at time of test*	Yes	4,193	58.44
	No	1,501	20.92
	Unknown	1,481	20.64

*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 28/02/2021 to midnight 13/03/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	412	105.3
CHO2	550	121.4
CHO3	454	117.9
CHO4	374	54.2
CHO5	433	84.8
CHO6	652	170.2
CHO7	1,113	157.3
CHO8	1,328	214.4
CHO9	1,859	299.2
Total	7,175	150.7

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 28/02/2021 to midnight 13/03/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (09/03/2021-13/03/2021)
Offaly	301	386.1	29
Longford	152	371.9	12
Dublin	3,015	223.8	225
Kildare	482	216.6	55
Meath	401	205.6	32
Westmeath	170	191.5	10
Louth	225	174.6	13
Donegal	236	148.2	25
Limerick	285	146.2	19
Roscommon	82	127.0	8
Mayo	159	121.8	9
Galway	309	119.7	27
Carlow	62	108.9	5
Tipperary	168	105.3	9
Waterford	116	99.8	12
Monaghan	59	96.1	4
Laois	79	93.3	4
Wicklow	127	89.2	8
Wexford	119	79.5	11
Clare	93	78.3	4
Sligo	51	77.8	4
Cavan	53	69.6	3
Kerry	80	54.2	6
Cork	294	54.2	24
Kilkenny	44	44.3	2
Leitrim	13	40.6	1
Total	7,175	150.7	559

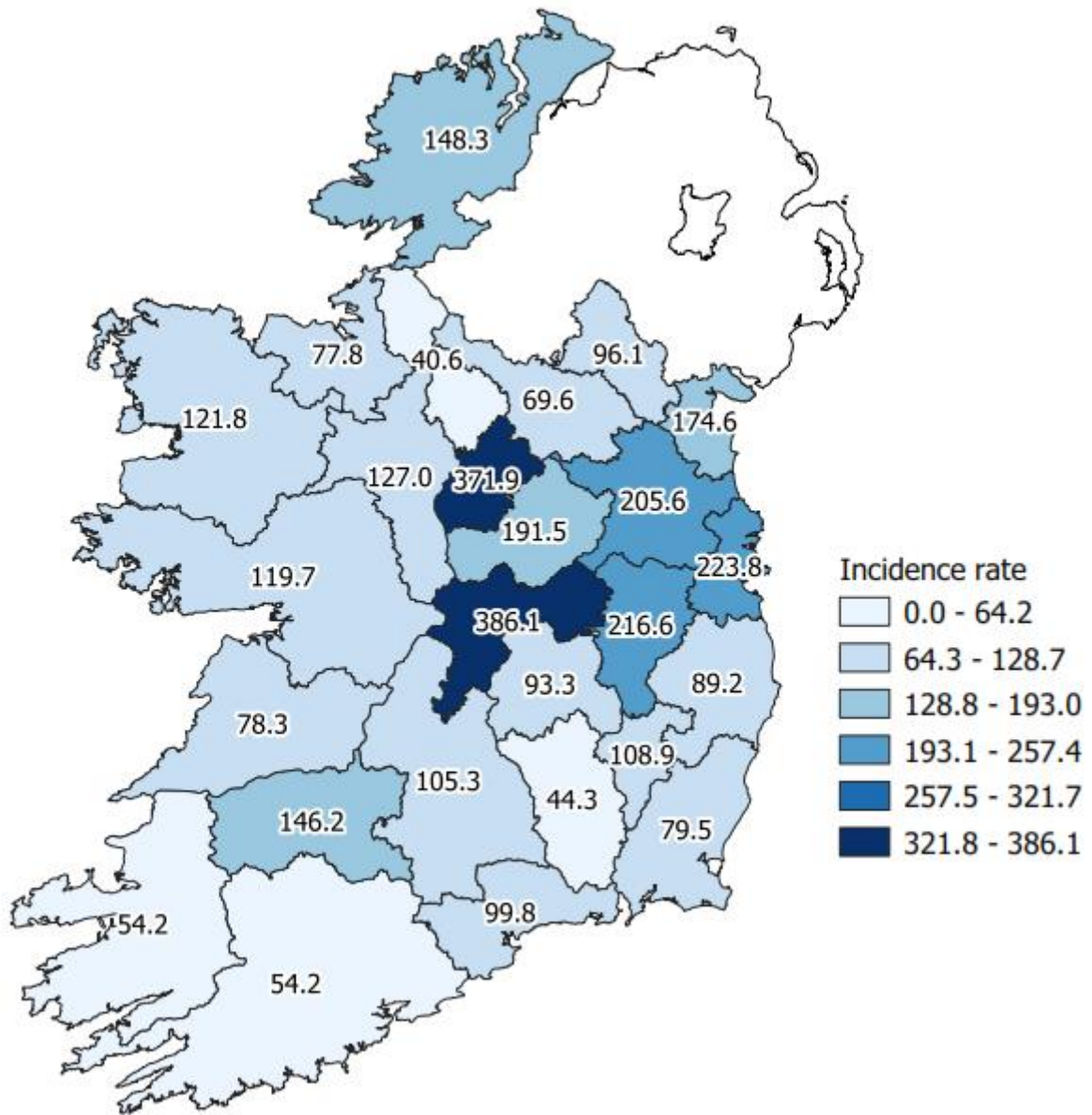


Figure 2: Cumulative 14-day incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 28/02/2021 and 13/03/2021

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 28/02/2021 and 13/03/2021

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	147	108.0
CCA2	Dublin South East	380	307.2
CCA3	Dublin South City	115	76.7
CCA4	Dublin South West	200	124.3
CCA5	Dublin West	314	202.1
CCA6	Dublin North West	616	296.6
CCA7	Dublin North Central	804	520.1
CCA8	Dublin North	439	169.4
	Dublin	3,015	223.8

Note: Local health offices (LHOs) came into operation on 1st 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.

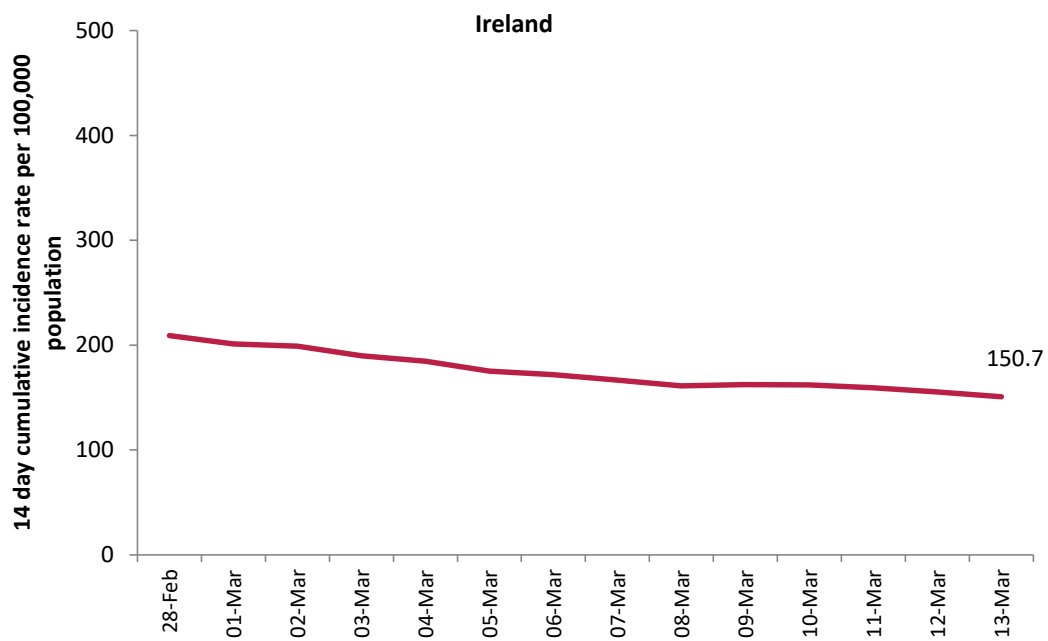


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland* (28/02/2021 to 13/03/2021)

*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 28/02/2021 to midnight 13/03/2021

Most likely transmission source	Number of cases	Percent
Travel related	110	1.53%
Close contact with a known confirmed case	3,756	52.35%
Healthcare setting acquired: patient	98	1.37%
Healthcare setting acquired: staff	68	0.95%
Community transmission	1,468	20.46%
Under investigation	1,675	23.34%
Total	7,175	100.00%

*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 28/02/2021 to midnight 13/03/2021 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	455	17	4.19	0	0
5-12 yrs	696	5	1.23	0	0
13-18 yrs	592	12	2.96	0	0
19-24 yrs	989	51	12.56	0	0
25-34 yrs	1215	36	8.87	<5	
35-44 yrs	1127	38	9.36	<5	
45-54 yrs	877	47	11.58	<5	
55-64 yrs	619	48	11.82	<5	
65-74 yrs	330	46	11.33	<5	
75-84 yrs	194	70	17.24	<5	
85+ yrs	80	36	8.87		
Unknown	1			0	0
Total	7,175	406	100	16	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

Deaths among COVID-19 cases

Table 7: Summary of deaths in all COVID-19 cases notified in Ireland from 28/02/2021 up to midnight 13/03/2021

	Number	Percent
Total number of deaths	11	
	Confirmed	7
	Possible	4
Total number of cases hospitalised	8	72.73
Total number of male cases	6	54.55
M:F ratio	1.2	
Median age (years)	79	
Mean age (years)	67	
Age range (years)	0 - 94	

Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 28/02/2021 up to midnight 13/03/2021

Age group (years)	Female	Male	Total	Percent
<65 yrs	*	*	5	45.5
65-74 yrs	0	0	0	0
75+ yrs	*	*	6	54.5
Total	5	6	11	100
Percent	45.45	54.55		

* 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 ≥ 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.

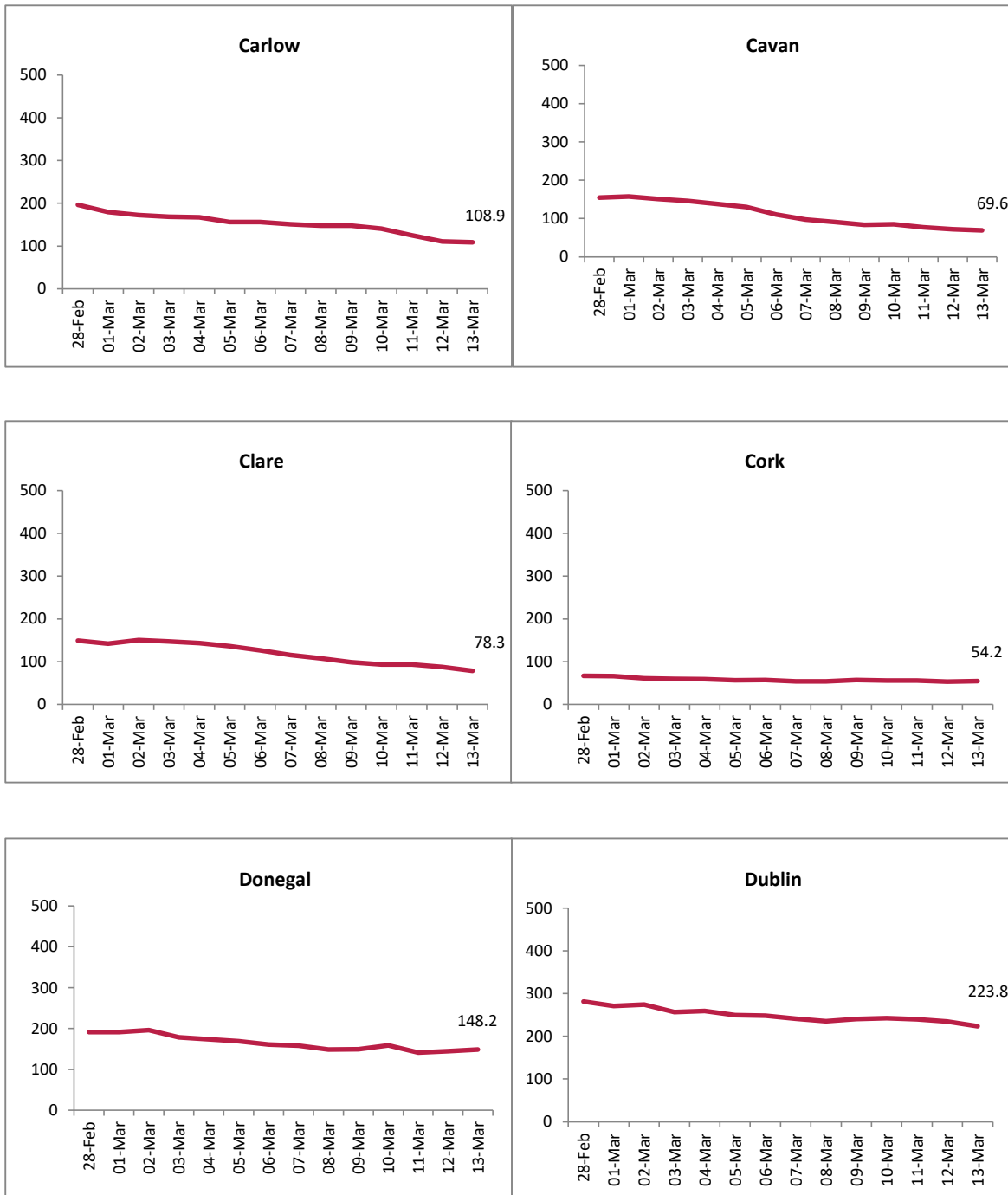
Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

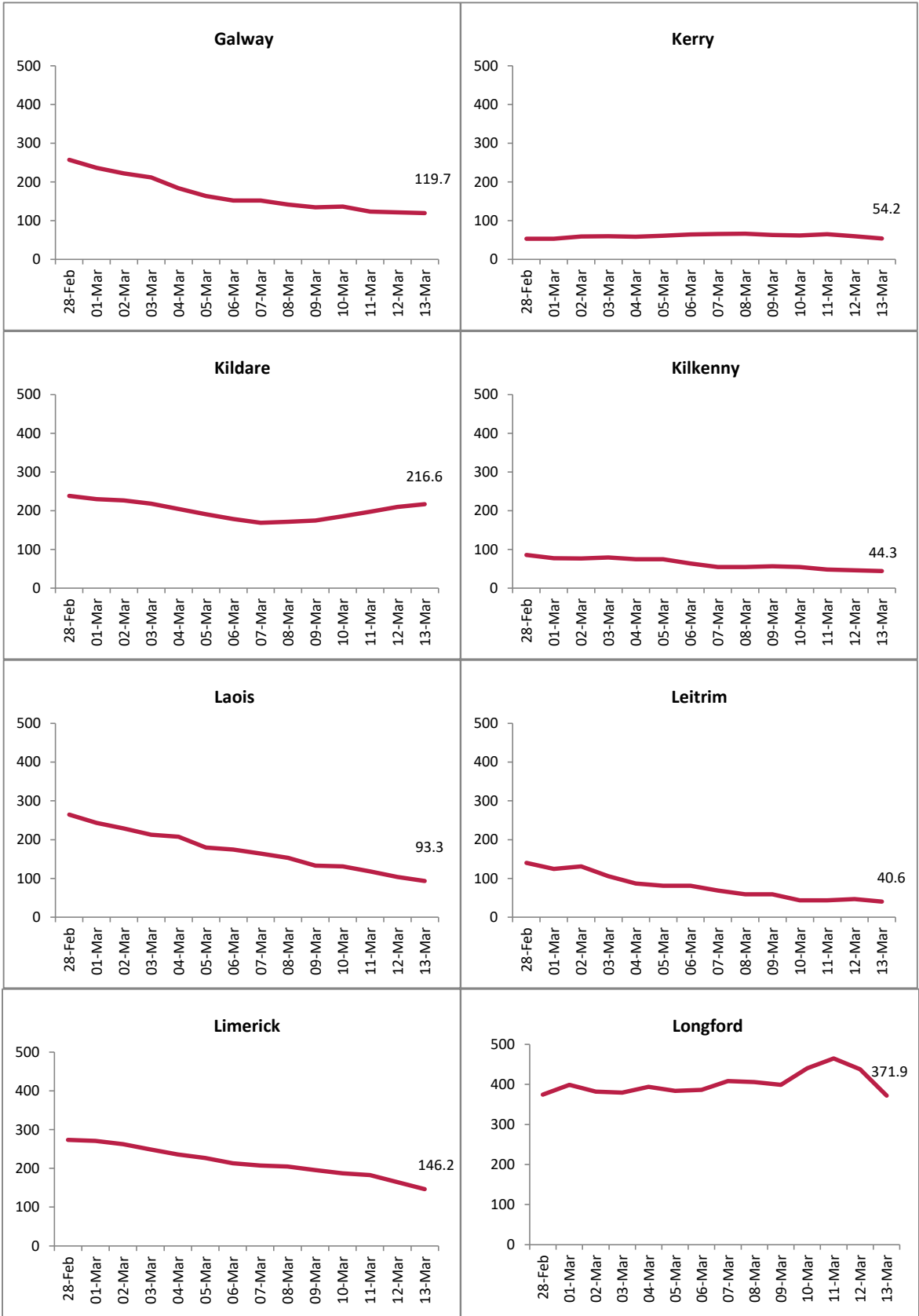
WHO definition of transmission classification is specified below:

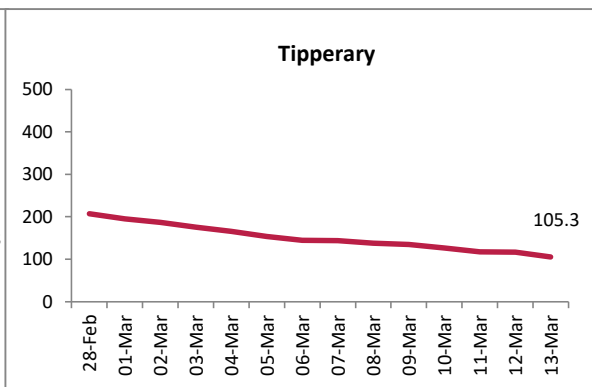
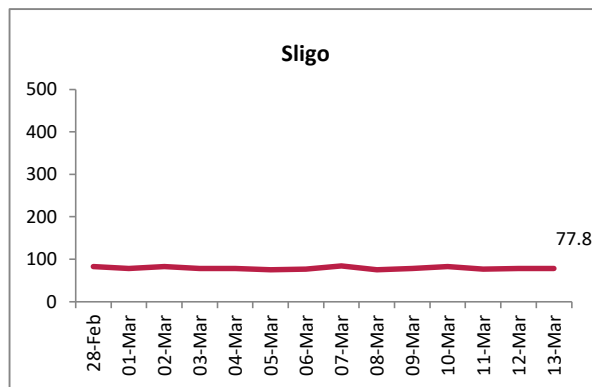
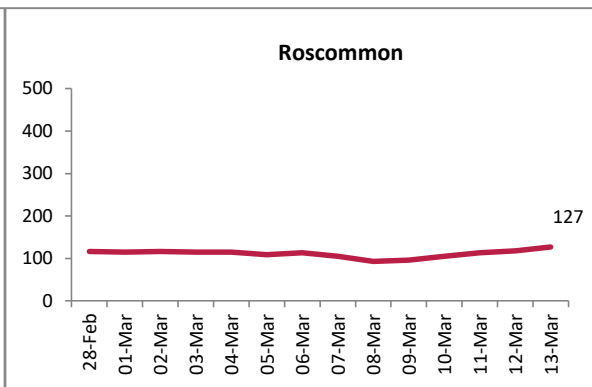
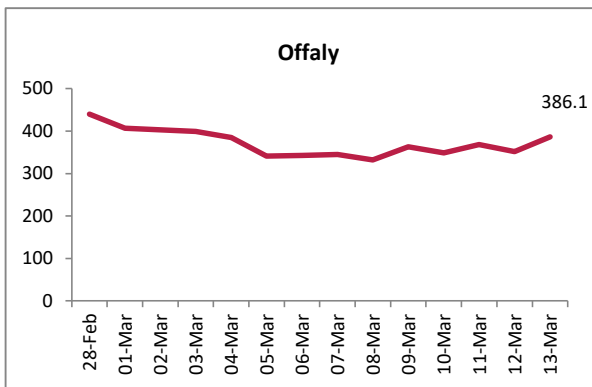
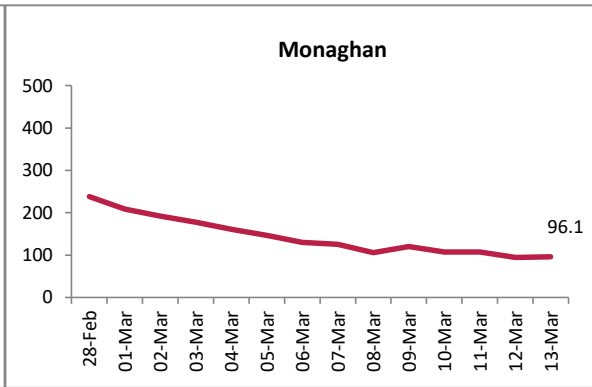
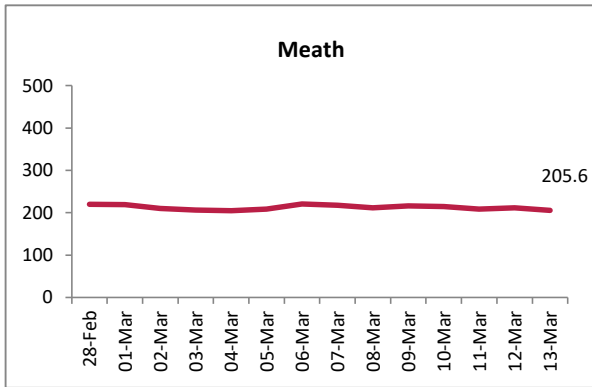
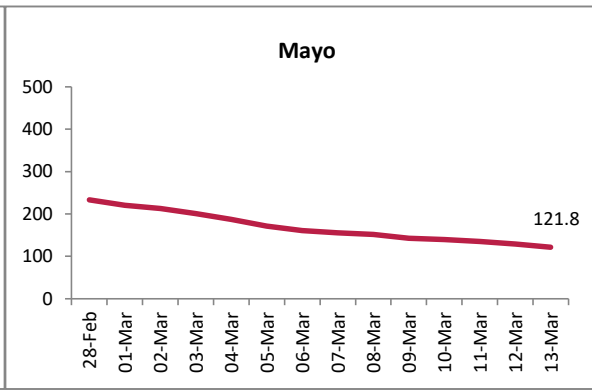
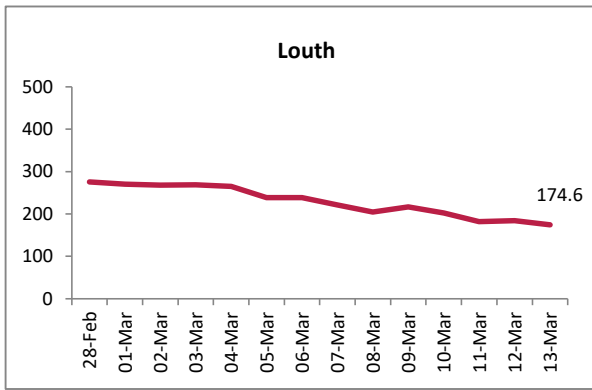
- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within 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 (28/02/2021 to 13/03/2021)







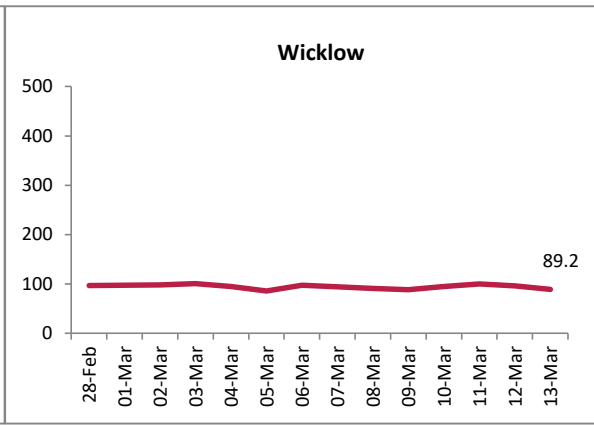
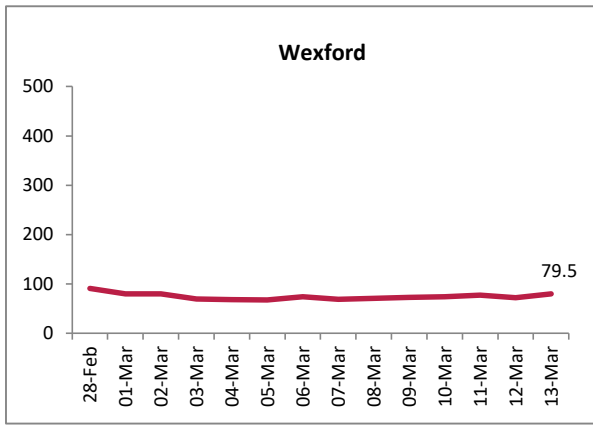
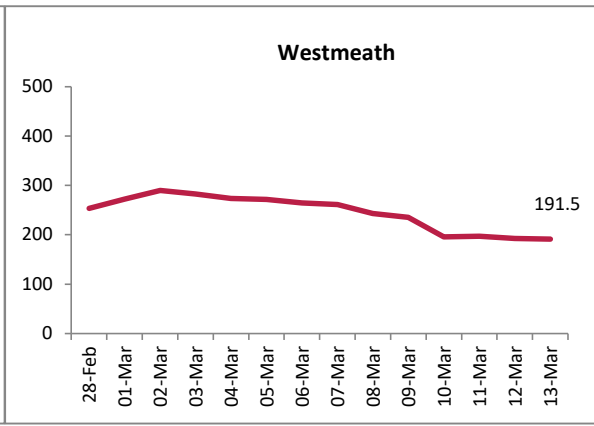
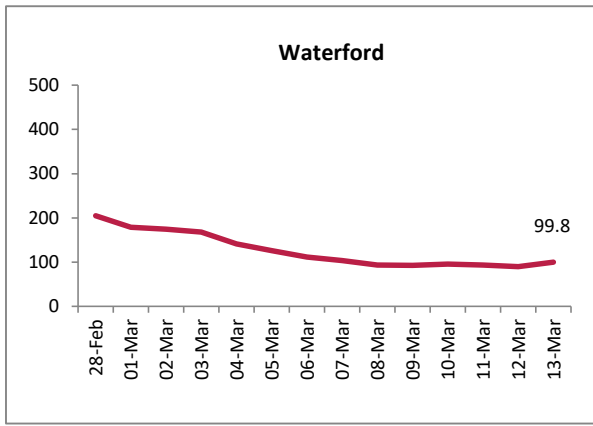


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (28/02/2021 to 13/03/2021)

