



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 07/04/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 24/03/2021 up to midnight 06/04/2021

	Number	Percent
Total number of confirmed cases	7,220	
National incidence of confirmed cases per 100,000 population	151.62	
Number of cases hospitalised*	270	3.74
Number of cases admitted to ICU*	17	0.24
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	1,657	22.95
Number of imported cases	17	0.24
Number of cases in healthcare workers	160	2.22
% HCW where HCW status known (n=5,553)		2.88
Males	3,675	50.9
Females	3,535	48.96
M:F ratio	1.04	
Median age (years)	32	
Mean age (years)	32	
Age range (years)	0 - 97	

* 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 24/03/2021 - 06/04/2021

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 07:40 on 07/04/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

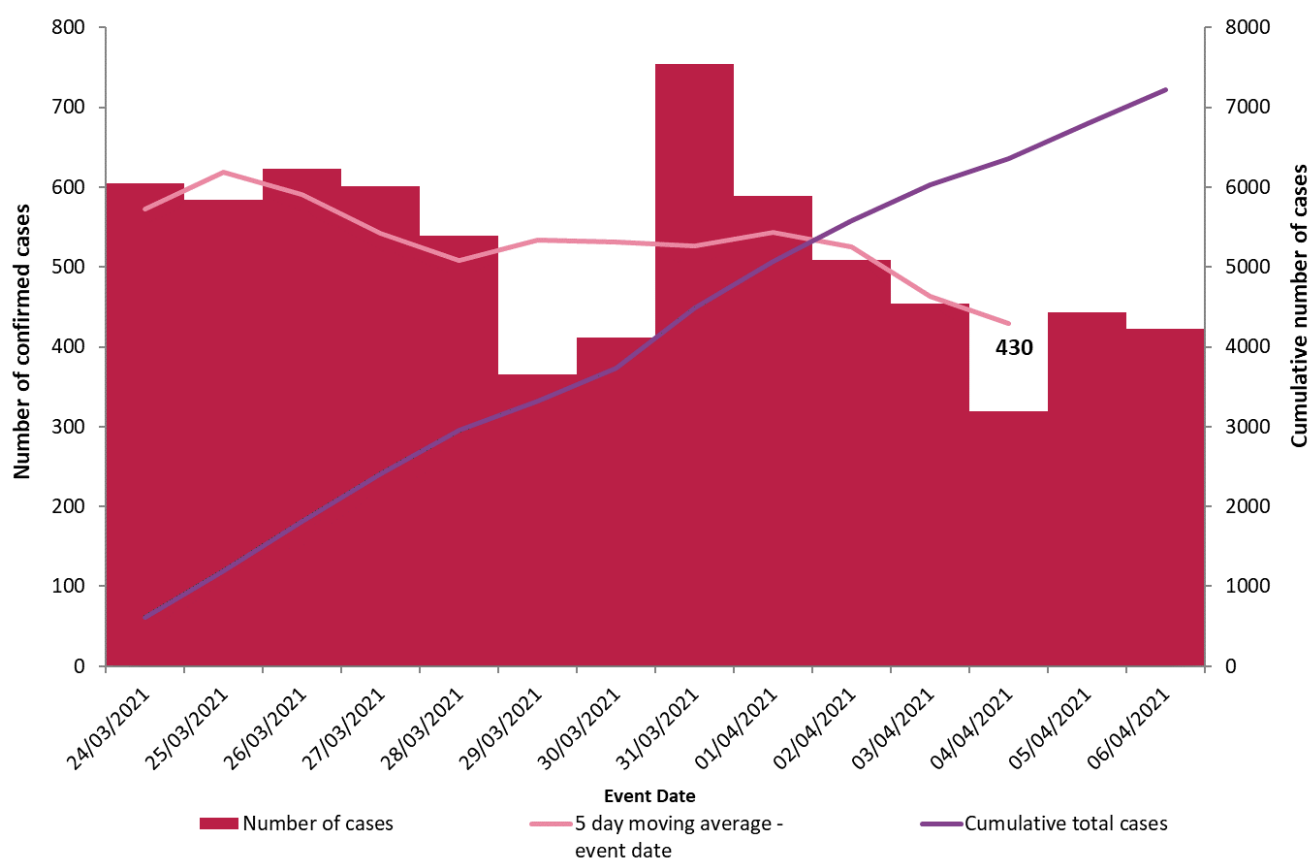


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=7,220)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 24/03/2021 up to midnight on 06/04/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		7,220	100
Sex	Male:Female ratio	1.04	
	Male	3,675	50.9
	Female	3,535	48.96
	Unknown	10	0.14
Age	Median age (years)	32	
	Mean age (years)	32	
	Age range (years)	0 - 97	
	0-4 yrs	547	7.58
	5-12 yrs	999	13.84
	13-18 yrs	550	7.62
	19-24 yrs	742	10.28
	25-34 yrs	1,115	15.44
	35-44 yrs	1,341	18.57
	45-54 yrs	869	12.04
	55-64 yrs	562	7.78
	65-74 yrs	300	4.16
	75-84 yrs	142	1.97
	85+ yrs	53	0.73
Symptom status at time of test*	Yes	3,789	52.48
	No	1,610	22.3
	Unknown	1,821	25.22

*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 24/03/2021 to midnight 06/04/2021

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	580	148.2
CHO2	402	88.7
CHO3	358	93.0
CHO4	352	51.0
CHO5	395	77.4
CHO6	460	120.1
CHO7	1,426	201.5
CHO8	1,360	219.6
CHO9	1,887	303.7
Total	7,220	151.6

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 24/03/2021 to midnight 06/04/2021

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (02/04/2021-06/04/2021)
Offaly	286	366.9	11
Westmeath	238	268.1	11
Laois	197	232.6	12
Dublin	3,128	232.2	196
Kildare	478	214.8	27
Donegal	339	213.0	16
Cavan	149	195.6	9
Meath	367	188.2	18
Louth	209	162.2	13
Longford	63	154.1	4
Wexford	187	124.9	11
Tipperary	190	119.1	10
Wicklow	167	117.3	10
Roscommon	61	94.5	5
Monaghan	58	94.5	4
Mayo	120	91.9	7
Limerick	179	91.8	9
Galway	221	85.6	14
Waterford	84	72.3	6
Leitrim	19	59.3	1
Cork	311	57.3	26
Clare	55	46.3	2
Carlow	24	42.2	1
Kilkenny	34	34.3	2
Kerry	41	27.8	3
Sligo	15	22.9	1
Total	7,220	151.6	430

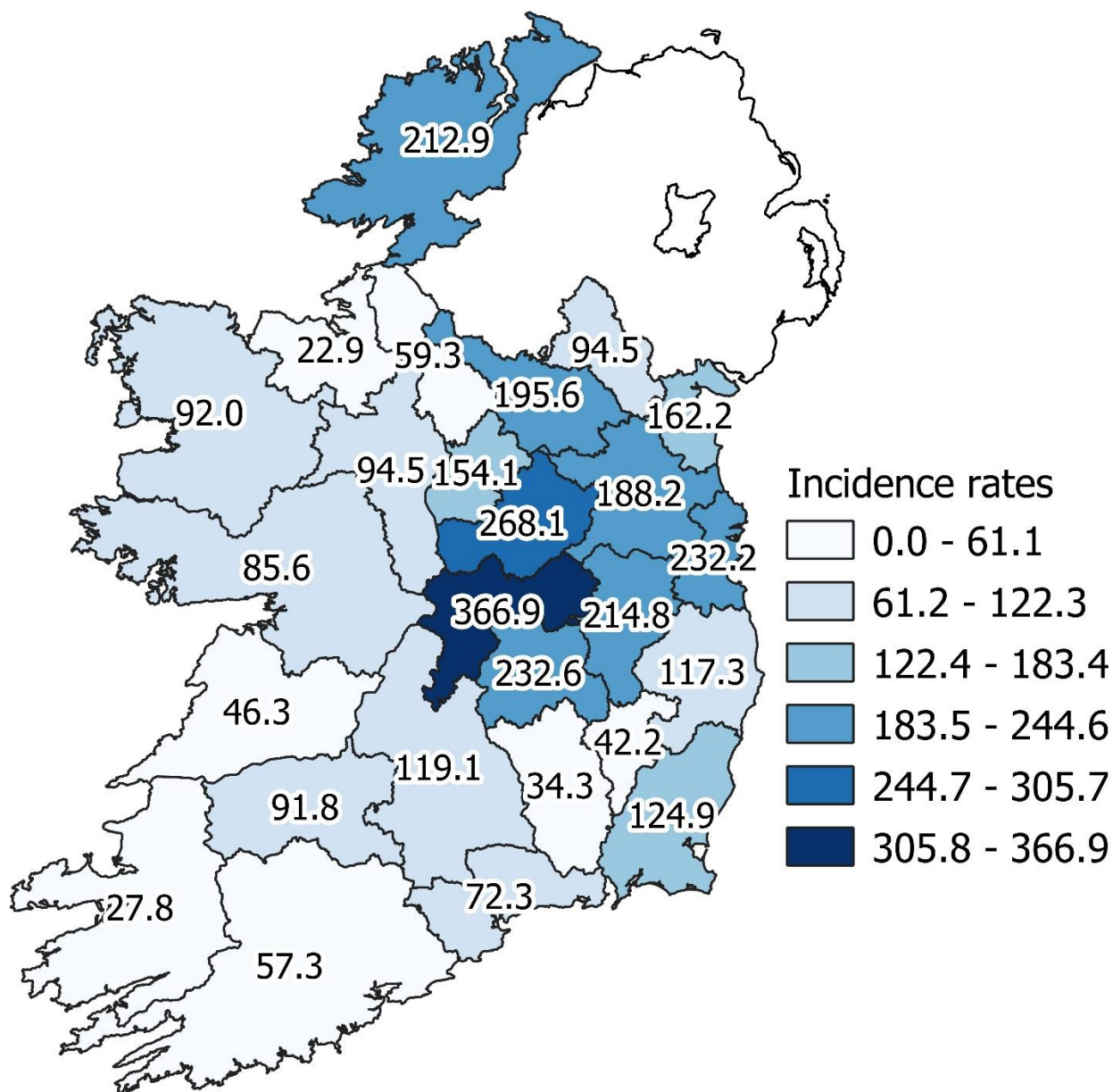


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 24/03/2021 and 06/04/2021

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 24/03/2021 and 06/04/2021

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	106	77.9
CCA2	Dublin South East	191	154.4
CCA3	Dublin South City	211	140.7
CCA4	Dublin South West	363	225.6
CCA5	Dublin West	370	238.2
CCA6	Dublin North West	722	347.7
CCA7	Dublin North Central	439	284.0
CCA8	Dublin North	726	280.1
Dublin		3,128	232.2

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

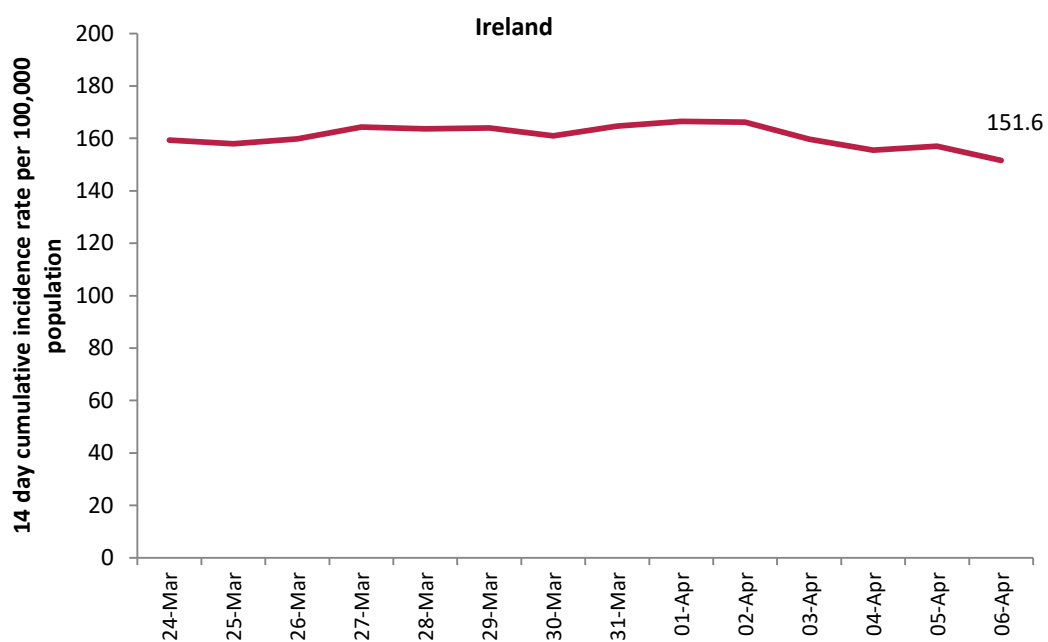


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland* (24/03/2021 to 06/04/2021)

*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 24/03/2021 to midnight 06/04/2021. Please note there is currently a delay in updating most likely transmission source data due to recent changes made to the HSE CovidCare Tracker.

Most likely transmission source	Number of cases	Percent
Travel related *	101	1.40%
Close contact with a known confirmed case	2,575	35.66%
Healthcare setting acquired: patient	88	1.22%
Healthcare setting acquired: staff	30	0.42%
Community transmission	1,397	19.35%
Under investigation	3,029	41.95%
Total	7,220	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 24/03/2021 to midnight 06/04/2021 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	547	9	3.33	0	0.00
5-12 yrs	999	6	2.22	0	0.00
13-18 yrs	550	5	1.85	0	0.00
19-24 yrs	742	8	2.96	<5	-
25-34 yrs	1115	22	8.15	0	0.00
35-44 yrs	1341	40	14.81	<5	-
45-54 yrs	869	37	13.70	5	29.41
55-64 yrs	562	31	11.48	<5	-
65-74 yrs	300	45	16.67	<5	-
75-84 yrs	142	41	15.19	<5	-
85+ yrs	53	26	9.63	<5	-
Total	7,220	270	100	17	100

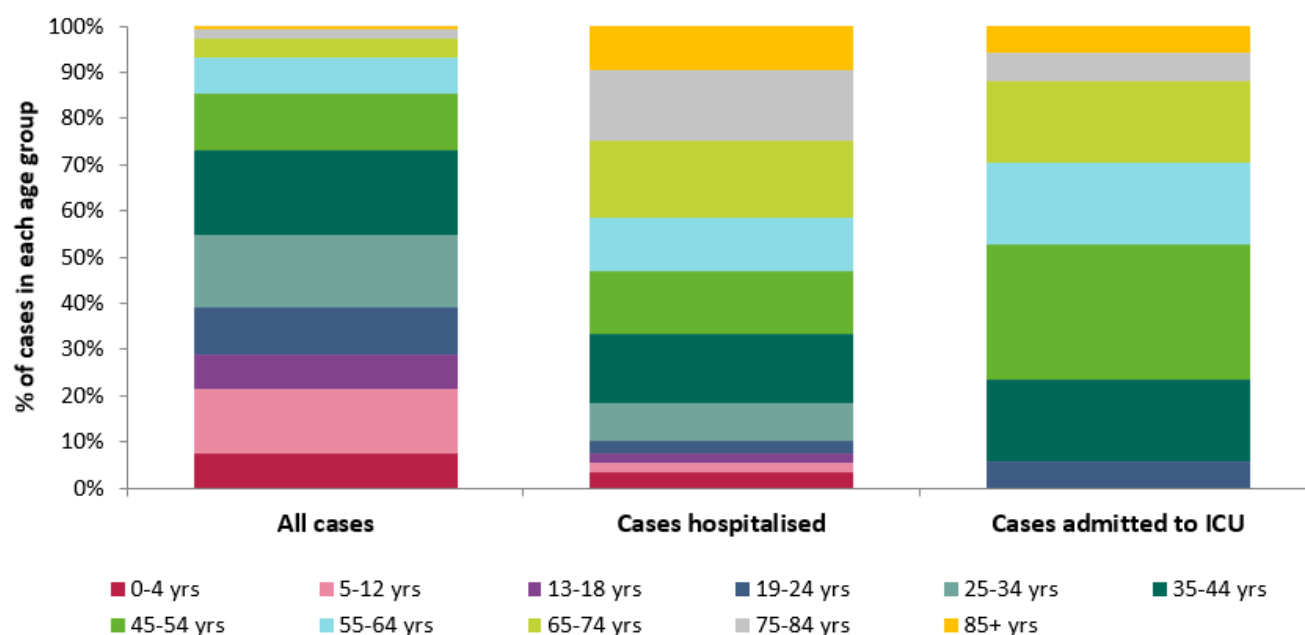


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 24/03/2021 to midnight 06/04/2021 in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

* 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.

Deaths among COVID-19 cases

Table 7: Summary of deaths* in all COVID-19 cases notified in Ireland from 24/03/2021 up to midnight 06/04/2021

	Number	Percent
Total number of deaths	7	
Confirmed	7	100
Total number of cases hospitalised	5	71.43
Total number of male cases	3	42.86
M:F ratio	0.75	
Median age (years)	77	
Mean age (years)	75	
Age range (years)	59 - 91	

Table 8: Number of deaths* in all COVID-19 cases by sex and age group notified in Ireland from 24/03/2021 up to midnight 06/04/2021

Age group (years)	Female	Male	Total	Percent
>55 yrs	^	^	7	100

* 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.

^ 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.

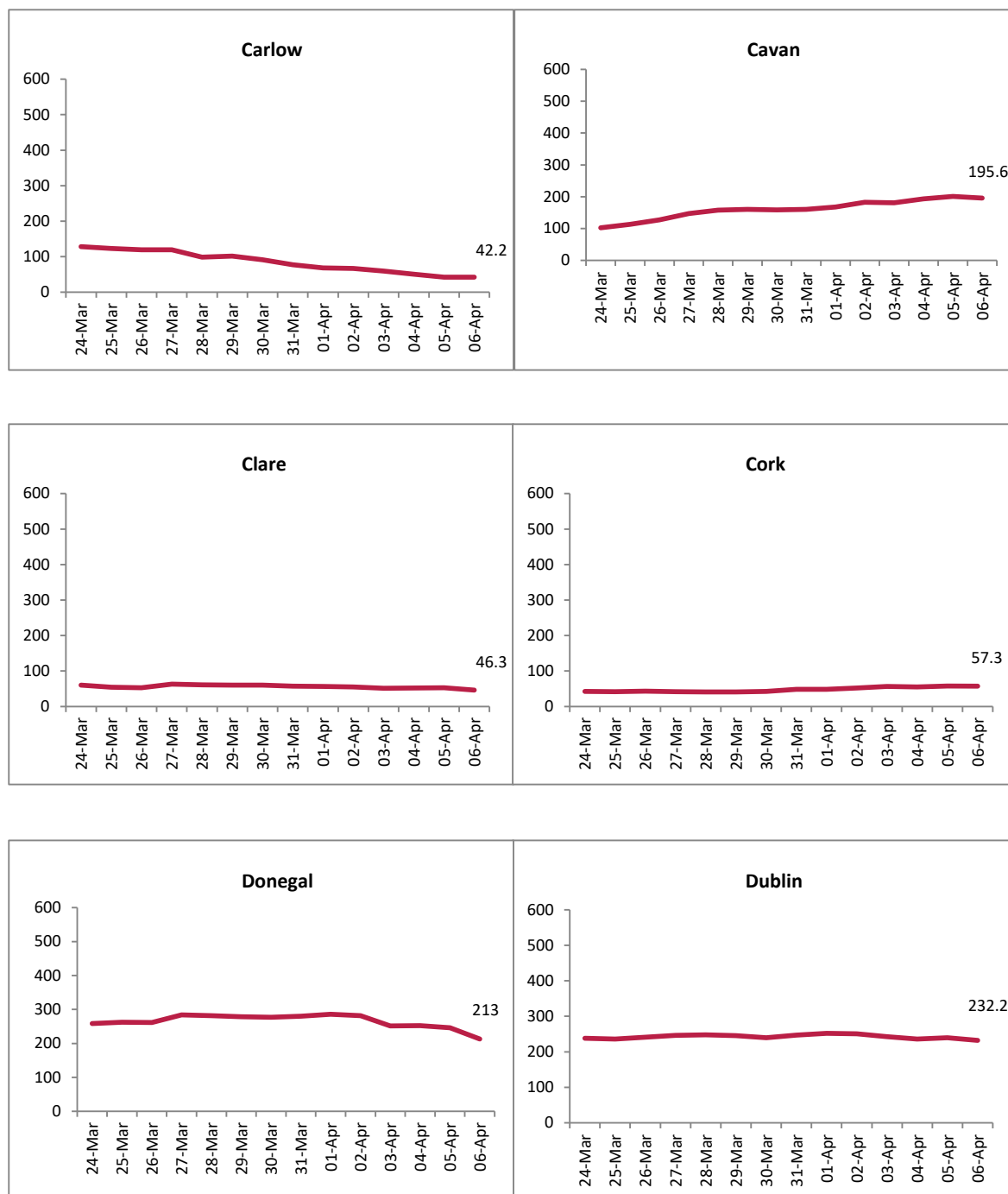
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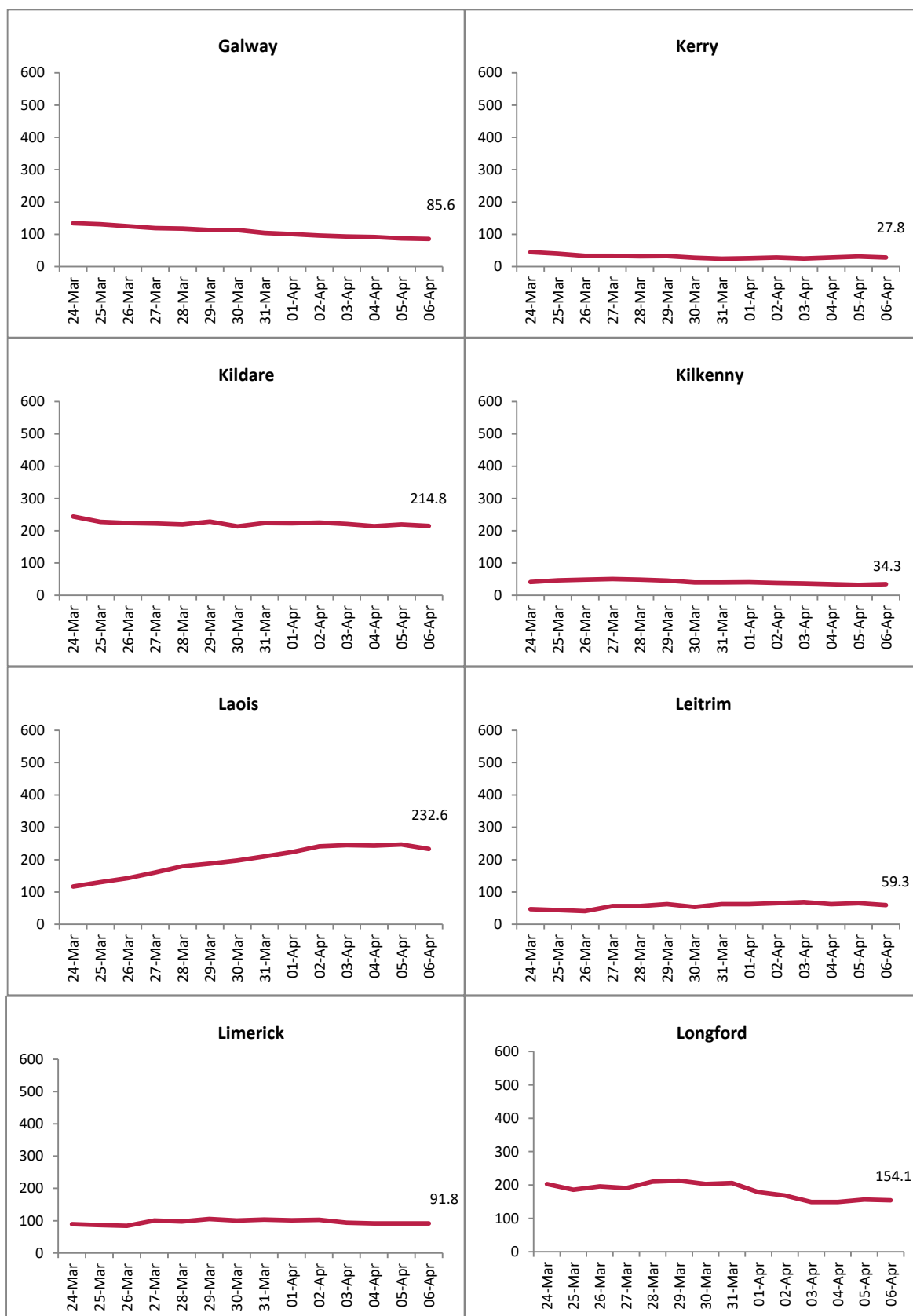
WHO definition of transmission classification is specified below:

- 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 (24/03/2021 to 06/04/2021)





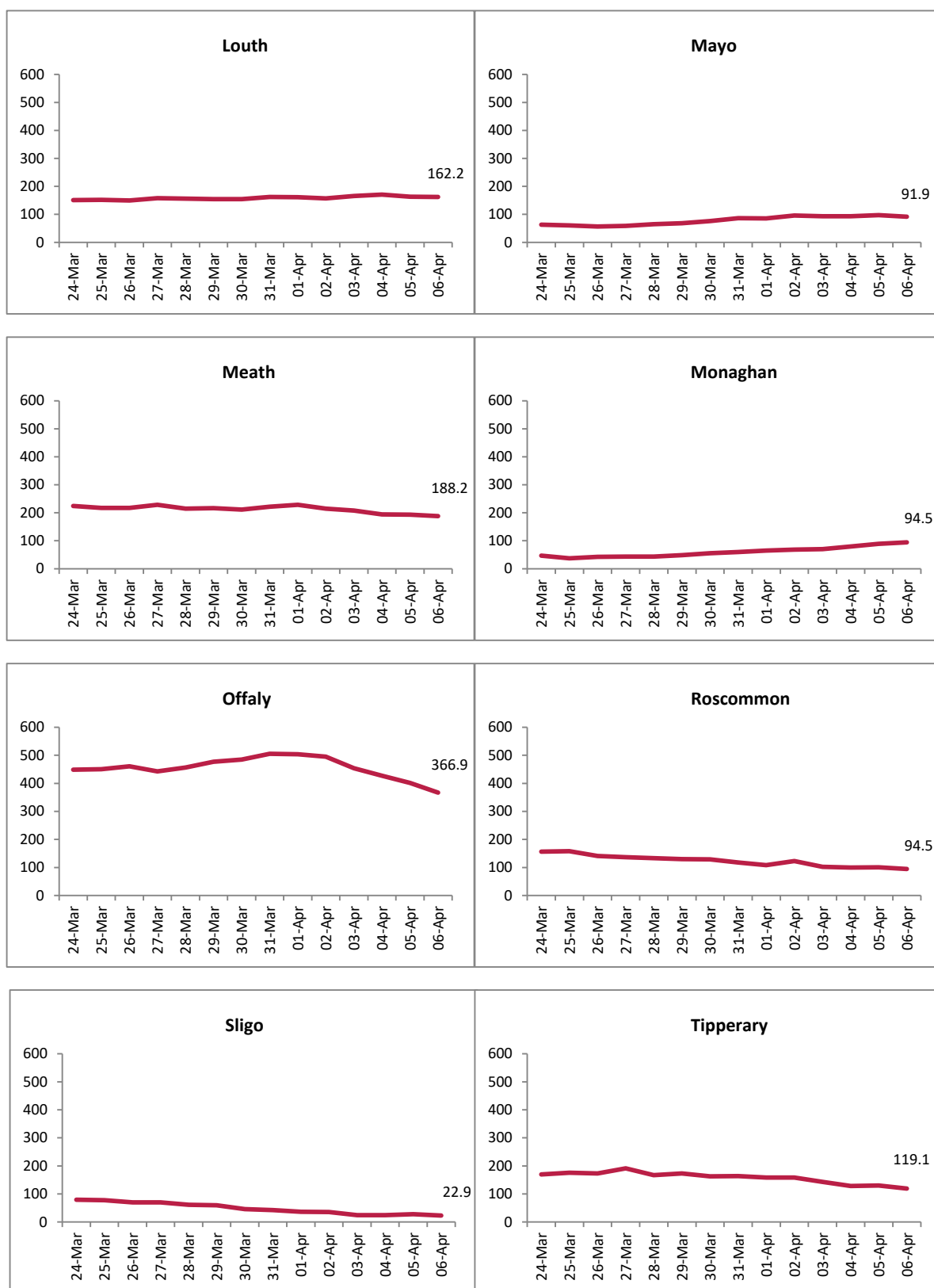




Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (24/03/2021 to 06/04/2021)

