



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 27/11/2020

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 13/11/2020 up to midnight 26/11/2020

	Number	Percent
Total number of confirmed cases	4,677	
National incidence of confirmed cases per 100,000 population	98.22	
Number of cases hospitalised*	302	6.46
Number of cases admitted to ICU*	14	0.3
Number of deaths among confirmed cases	19	0.41
Case fatality ratio (CFR, %)	0.41	
National incidence of confirmed deaths per 100,000 population	0.4	
Number of cases** associated with clusters	1,842	39.38
Number of imported cases	4	0.09
Number of cases in healthcare workers	567	12.12
Males	2,207	47.19
Females	2,455	52.49
M:F ratio	0.9	
Median age (years)	34	
Mean age (years)	37	
Age range (years)	0 - 98	

* 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
13/11/2020 - 26/11/2020

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 12:18 on 27/11/2020 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

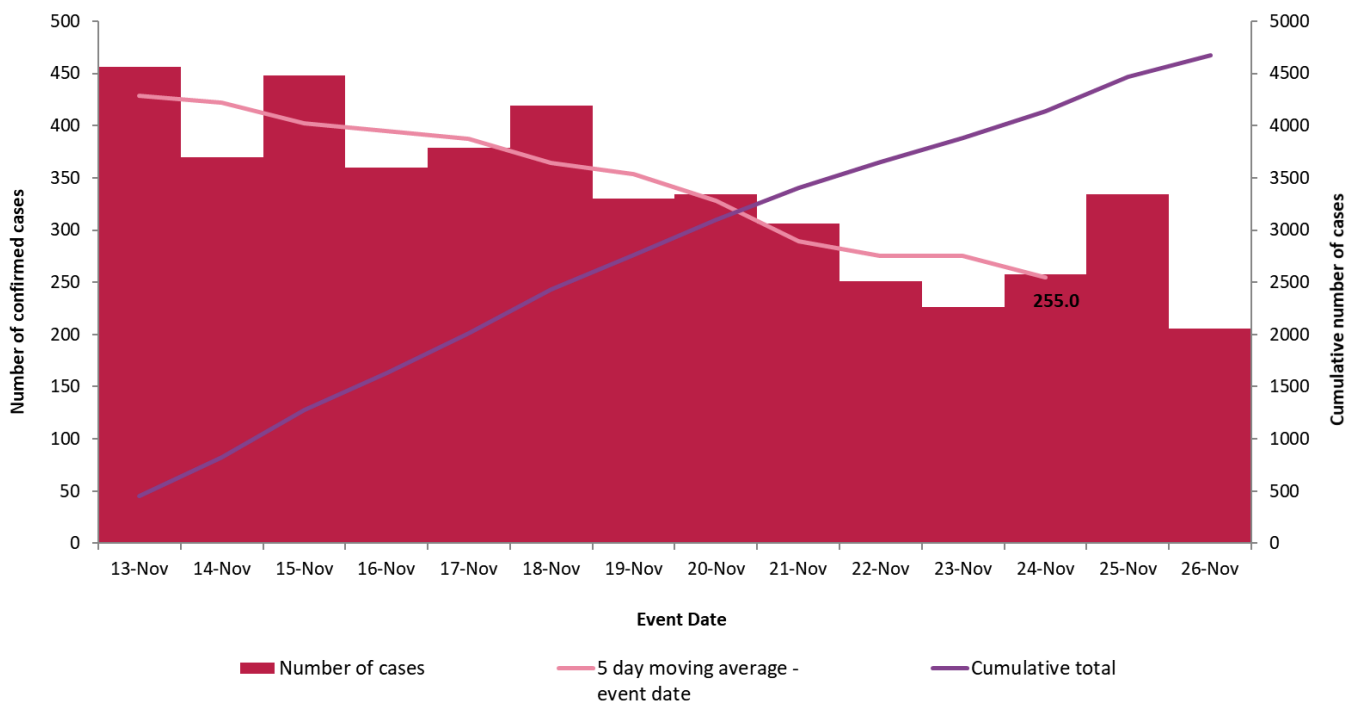


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date from 13/11/2020 to midnight 26/11/2020 (n=4,677)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 13/11/2020 up to midnight on 26/11/202

Characteristic		Number of cases	Percent
Total number of confirmed cases		4,677	100
Sex	Male:Female ratio	0.9	
	Male	2,207	47.19
	Female	2,455	52.49
	Unknown	15	0.32
Age	Median age (years)	34	
	Mean age (years)	37	
	Age range (years)	0 - 98	
	0-4 yrs	186	3.98
	5-12 yrs	397	8.49
	13-18 yrs	453	9.69
	19-24 yrs	591	12.64
	25-34 yrs	714	15.27
	35-44 yrs	745	15.93
	45-54 yrs	648	13.86
	55-64 yrs	405	8.66
	65-74 yrs	232	4.96
	75-84 yrs	179	3.83
	85+ yrs	125	2.67
	Unknown	2	0.04
Underlying clinical conditions	Yes	1,163	24.87
	No	2,989	63.91
	Unknown	525	11.23
Symptom status at time of test*	Yes	2,734	58.46
	No	1,308	27.97
	Unknown	635	13.58

*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 13/11/2020 to midnight 26/11/2020

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	498	127.3
CHO2	317	70.0
CHO3	484	125.7
CHO4	495	71.7
CHO5	453	88.8
CHO6	389	101.5
CHO7	649	91.7
CHO8	674	108.8
CHO9	718	115.5
Total	4,677	98.2

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 13/11/2020 to midnight 26/11/2020

County	Number of confirmed cases	Incidence per 100,000 population
Donegal	344	216.1
Louth	257	199.4
Limerick	354	181.6
Kilkenny	125	126.0
Waterford	137	117.9
Roscommon	76	117.7
Dublin	1490	110.6
Meath	196	100.5
Longford	39	95.4
Tipperary	148	92.8
Monaghan	52	84.7
Mayo	109	83.5
Offaly	62	79.5
Westmeath	69	77.7
Cork	420	77.4
Wicklow	109	76.5
Carlow	41	72.0
Cavan	54	70.9
Clare	84	70.7
Kildare	157	70.6
Sligo	39	59.5
Laois	49	57.9
Galway	132	51.2
Kerry	75	50.8
Wexford	49	32.7
Leitrim	10	31.2
Total	4,677	98.2

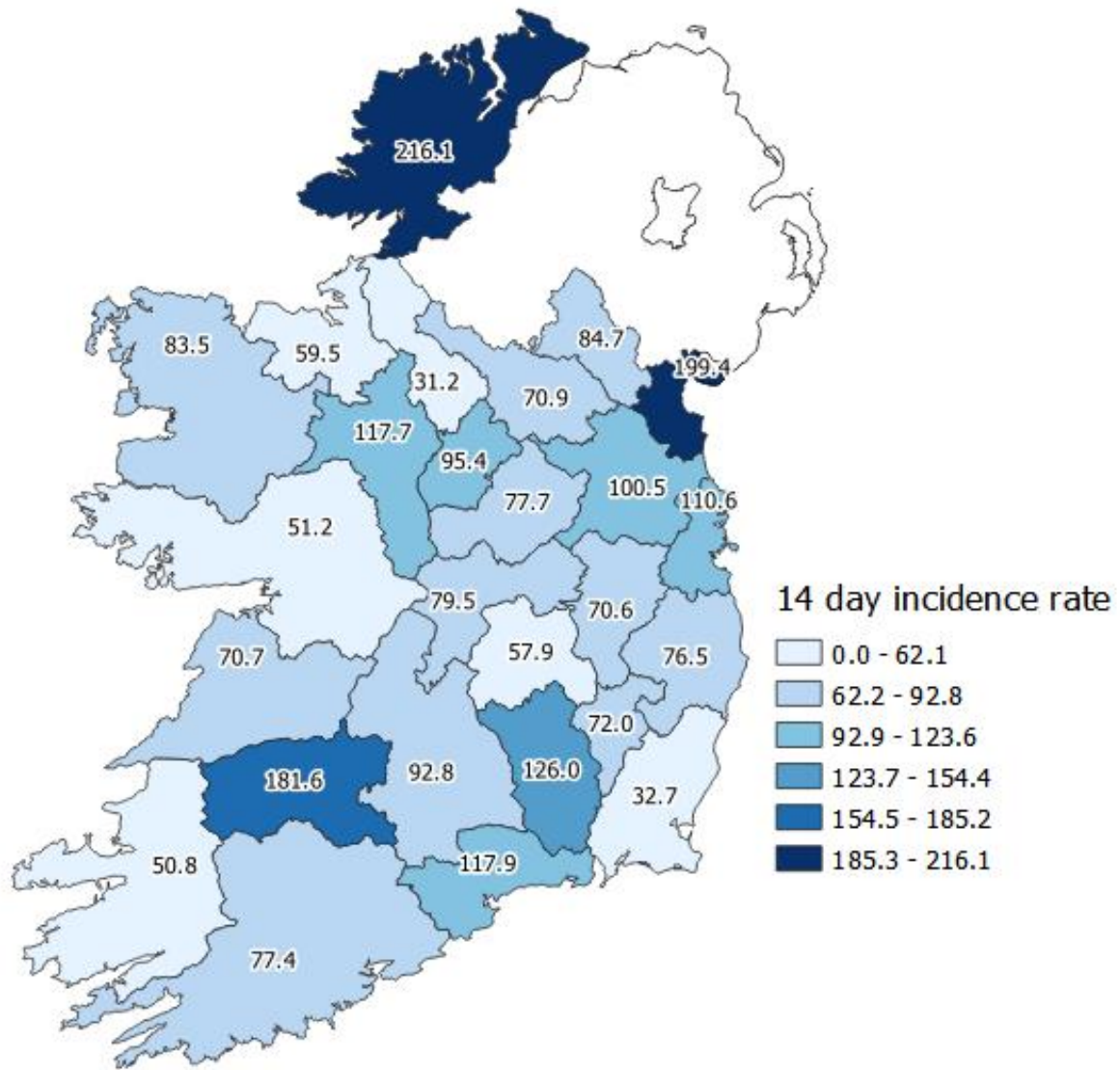


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 13/11/2020 and 26/11/2020

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 13/11/2020 and 26/11/2020

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	99	72.8
CCA2	Dublin South East	185	149.6
CCA3	Dublin South City	121	80.7
CCA4	Dublin South West	175	108.8
CCA5	Dublin West	192	123.6
CCA6	Dublin North West	262	126.2
CCA7	Dublin North Central	273	176.6
CCA8	Dublin North	183	70.6
	Dublin	1490	110.6

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.

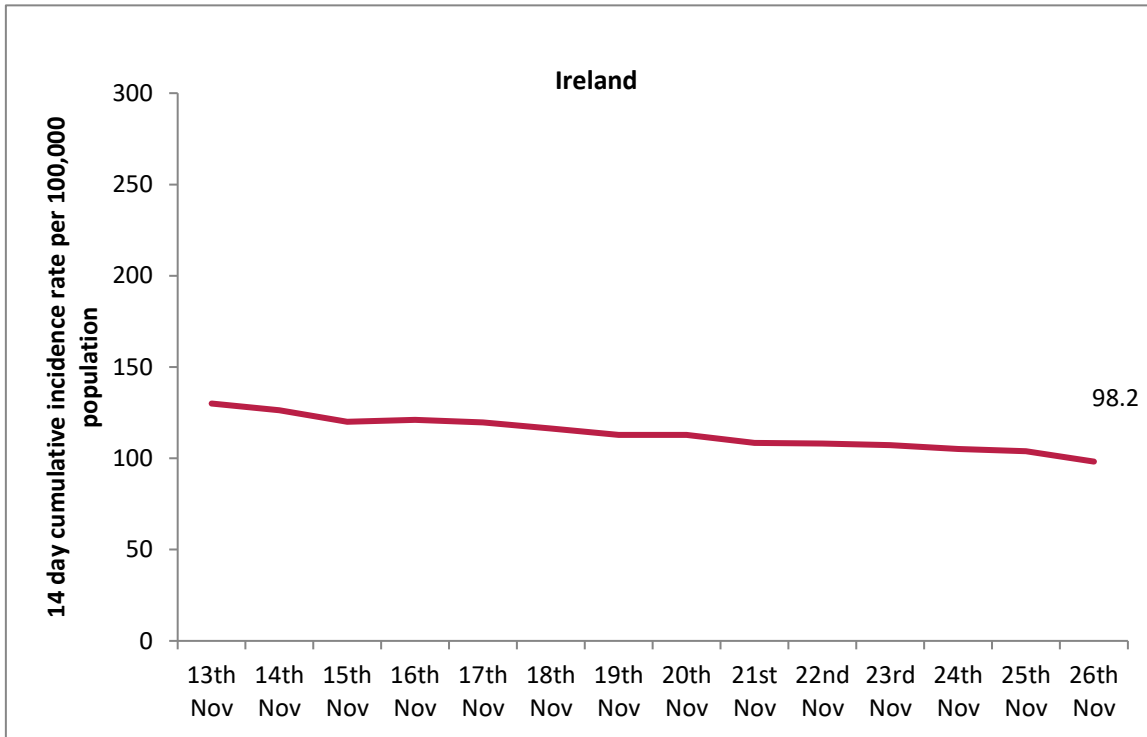


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (13/11/2020 to 26/11/2020)

14 day incidence rates per 100,000 populations of confirmed cases of COVID-19 for individual counties can be found in appendix 4 of this report

Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 13/11/2020 to midnight 26/11/2020 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	186	2	0.7	0	0.0
5-12 yrs	397	1	0.3	0	0.0
13-18 yrs	453	8	2.6	0	0.0
19-24 yrs	591	9	3.0	0	0.0
25-34 yrs	714	15	5.0	0	0.0
35-44 yrs	745	25	8.3	3	21.4
45-54 yrs	648	29	9.6	1	7.1
55-64 yrs	405	31	10.3	3	21.4
65-74 yrs	232	45	14.9	2	14.3
75-84 yrs	179	81	26.8	5	35.7
85+ yrs	125	56	18.5	0	0.0
Unknown	2			0	0.0
Total	4,677	302	100	14	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

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 at 12:18 on 27/11/2020. 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. Epidemiological date

Epidemiological date is derived from the earliest of onset date, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date and event creation/notification date.

3. Population data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-14 years, 15-24 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.

4. HSE areas

The counties covered by each HSE area are as follows:

HSE East (E): Dublin, Kildare & Wicklow;

HSE Midlands (M): Laois, Longford, Offaly & Westmeath;

HSE Midwest (MW): Clare, Limerick & N. Tipperary;

HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;

HSE Northwest (NW): Donegal, Leitrim & Sligo;

HSE South (S): Kerry & Cork;

HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;

HSE West (W): Galway, Mayo & Roscommon.

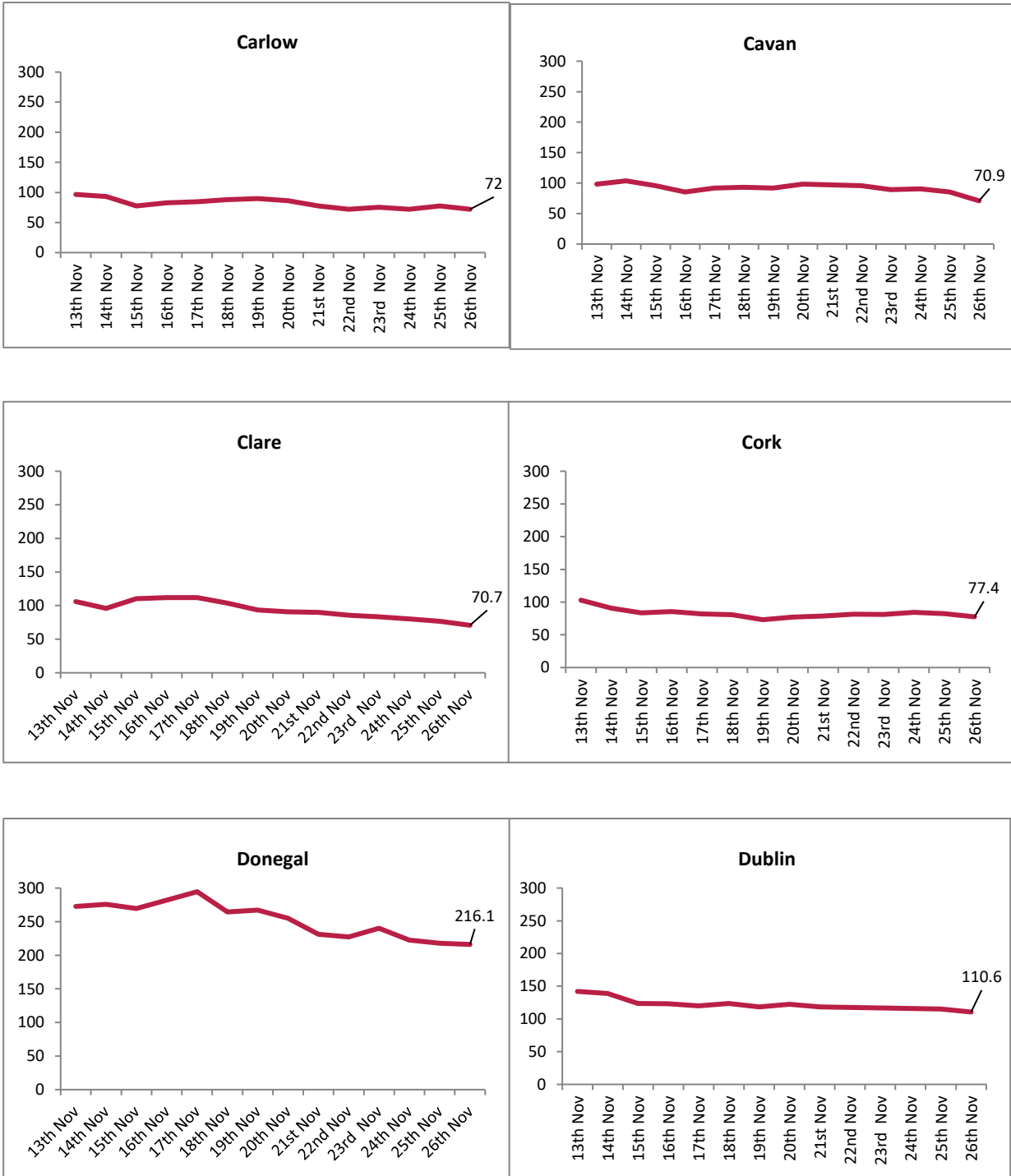
5. Outbreak location

Where an outbreak location is reported as a residential facility (RF) this includes nursing homes, community hospitals, long-stay units and residential institutions including mental health facilities, prisons and direct provision centres.

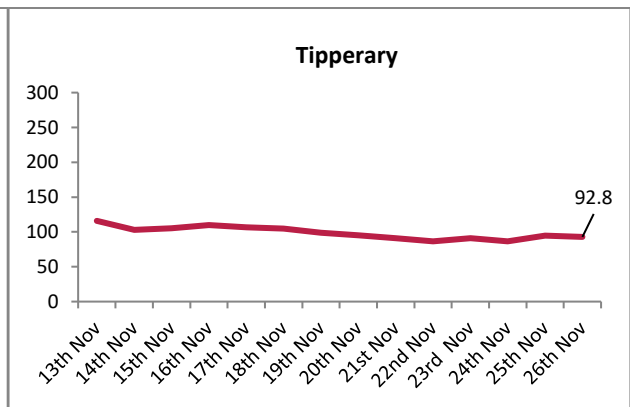
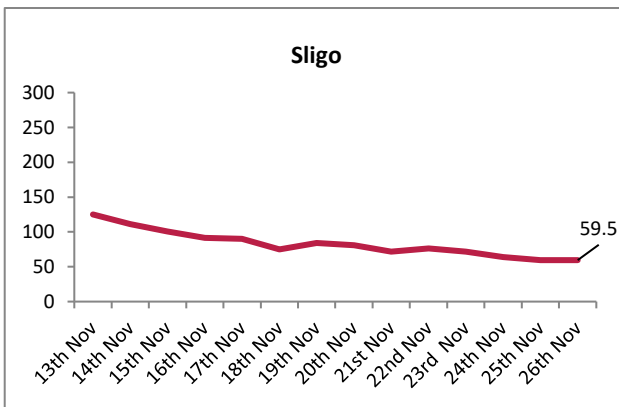
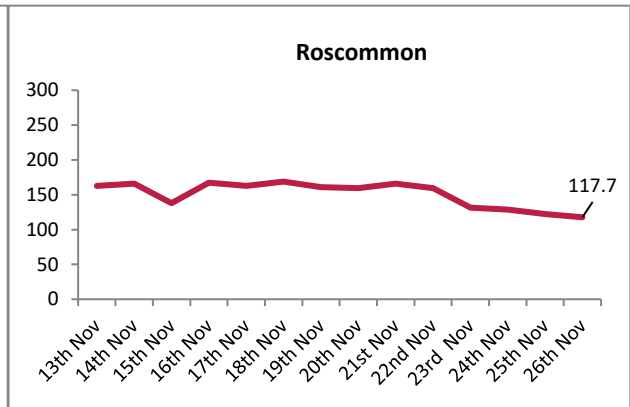
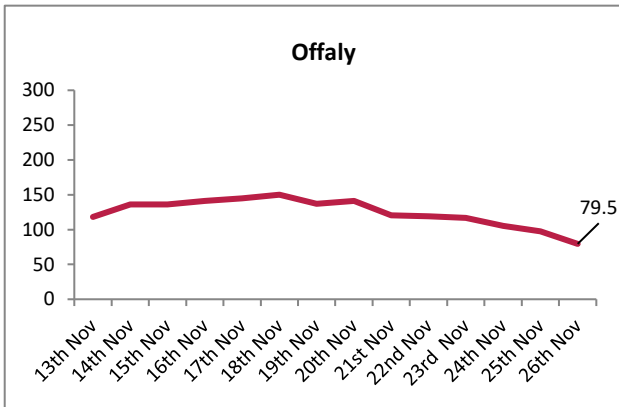
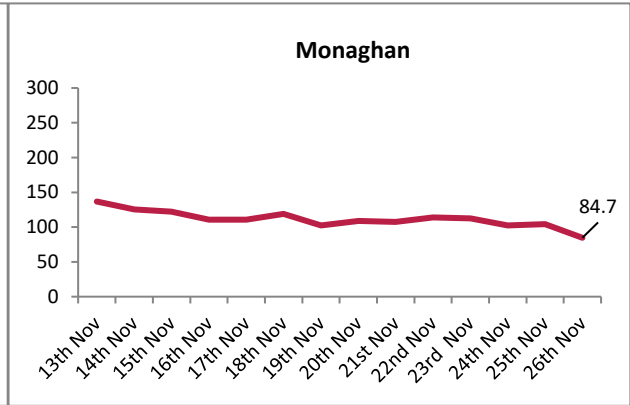
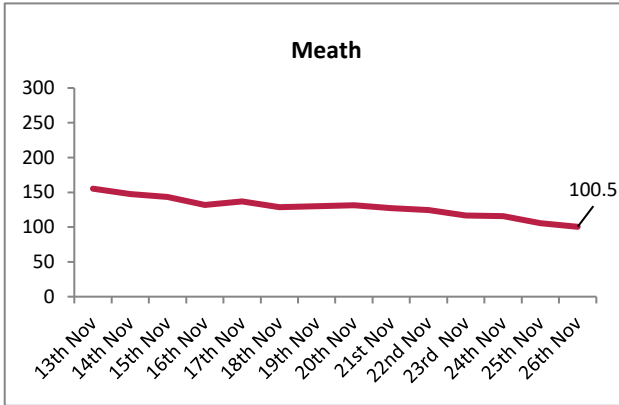
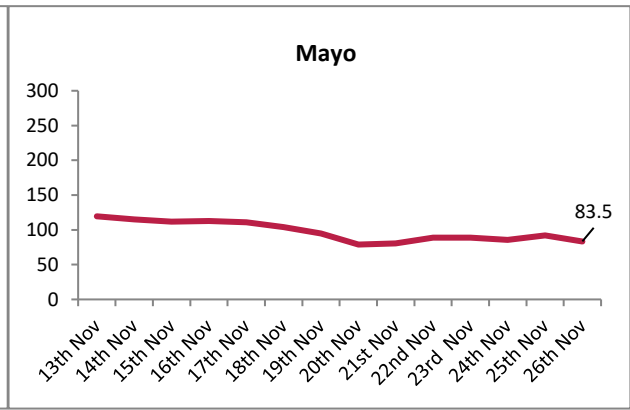
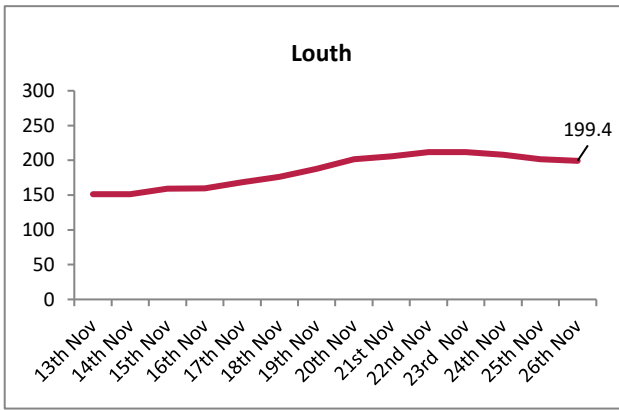
Other outbreak location includes community, extended family, hotel, public house, retail outlet, travel related and all other locations.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (13/11/2020 to 26/11/2020)







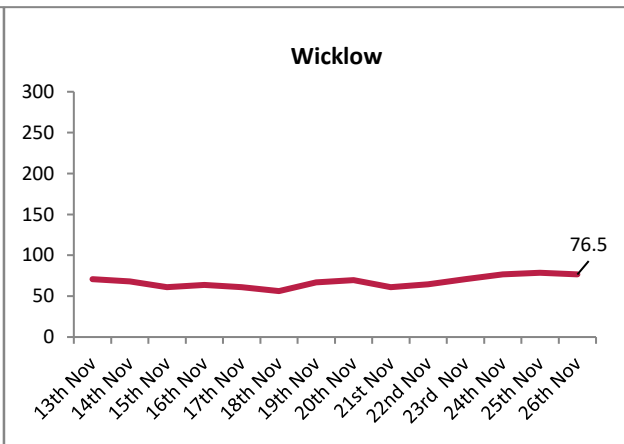
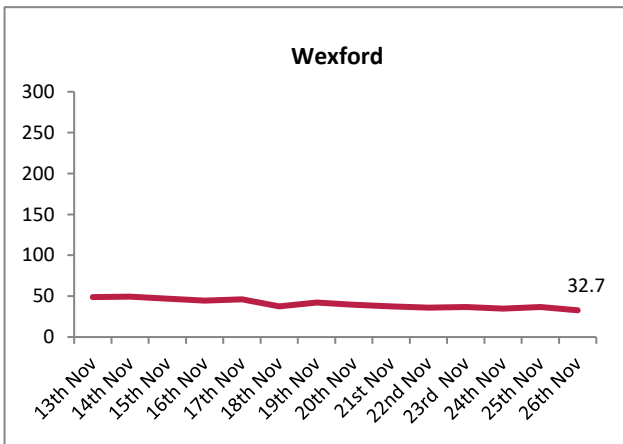
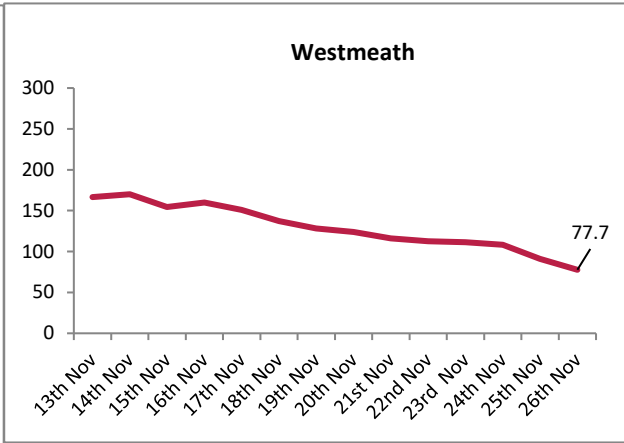
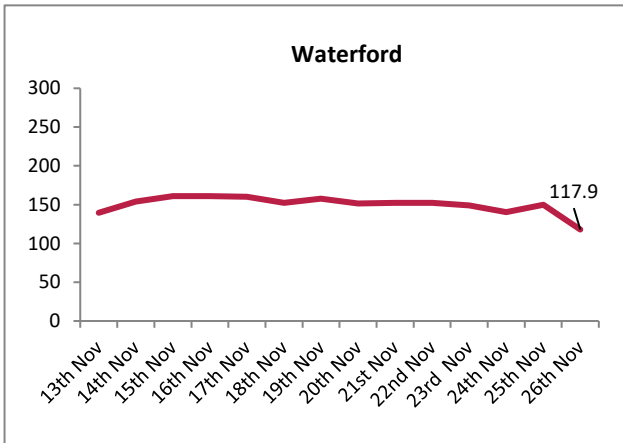
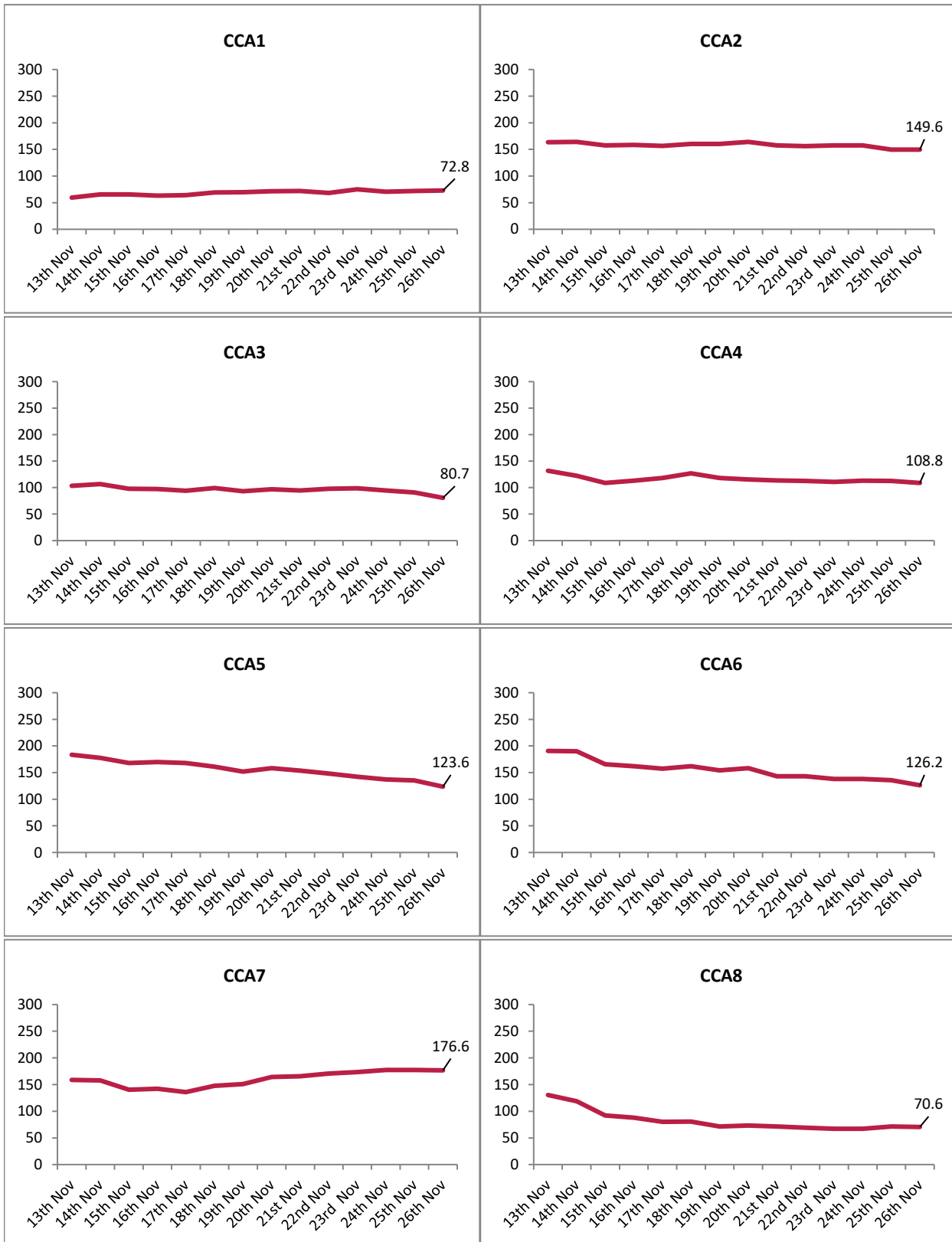


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (13/11/2020 to 26/11/2020)



Report prepared by Health Protection Surveillance Centre on 27/11/2020