



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 26/11/2020

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 12/11/2020 up to midnight 25/11/2020

	Number	Percent
Total number of confirmed cases	4,949	
National incidence of confirmed cases per 100,000 population	103.93	
Number of cases hospitalised*	309	6.24
Number of cases admitted to ICU*	14	0.28
Number of deaths among confirmed cases	18	0.36
Case fatality ratio (CFR, %)	0.36	
National incidence of confirmed deaths per 100,000 population	0.38	
Number of cases** associated with clusters	1,975	39.91
Number of imported cases	4	0.08
Number of cases in healthcare workers	609	12.31
Males	2,340	47.28
Females	2,594	52.41
M:F ratio	0.9	
Median age (years)	35	
Mean age (years)	37	
Age range (years)	0 - 108	

* 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
12/11/2020 - 25/11/2020

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:21 on 26/11/2020 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

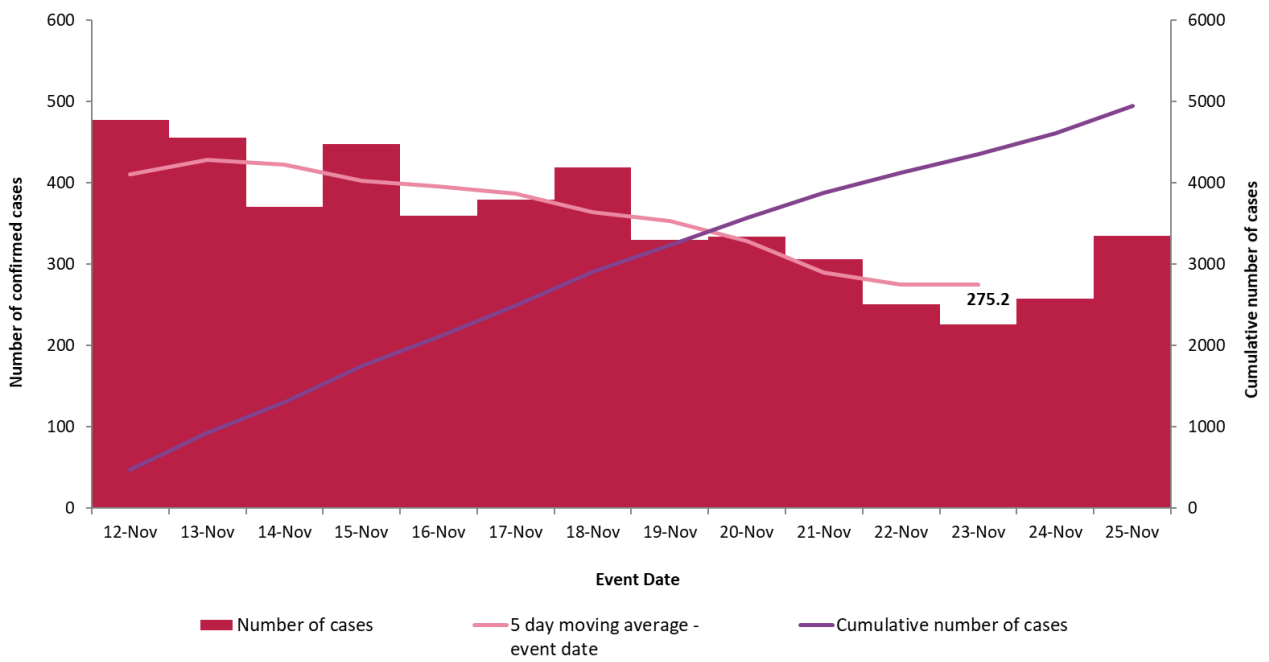


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date from 12/11/2020 to midnight 25/11/2020 (n=4,949)

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 12/11/2020 up to midnight on 25/11/202

Characteristic		Number of cases	Percent
Total number of confirmed cases		4,949	100
Sex	Male:Female ratio	0.9	
	Male	2,340	47.28
	Female	2,594	52.41
	Unknown	15	0.3
Age	Median age (years)	35	
	Mean age (years)	37	
	Age range (years)	0 - 108	
	0-4 yrs	207	4.18
	5-12 yrs	418	8.45
	13-18 yrs	467	9.44
	19-24 yrs	605	12.22
	25-34 yrs	772	15.6
	35-44 yrs	773	15.62
	45-54 yrs	681	13.76
	55-64 yrs	438	8.85
	65-74 yrs	242	4.89
	75-84 yrs	207	4.18
	85+ yrs	137	2.77
	Unknown	2	0.04
Underlying clinical conditions	Yes	1,230	24.85
	No	3,173	64.11
	Unknown	546	11.03
Symptom status at time of test*	Yes	2,877	58.13
	No	1,408	28.45
	Unknown	664	13.42

*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 12/11/2020 to midnight 25/11/2020

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	527	134.7
CHO2	340	75.0
CHO3	499	129.6
CHO4	525	76.0
CHO5	511	100.1
CHO6	389	101.5
CHO7	706	99.8
CHO8	712	115.0
CHO9	740	119.1
Total	4,949	103.9

Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 12/11/2020 to midnight 25/11/2020

County	Number of confirmed cases	Incidence per 100,000 population
Donegal	347	218.0
Louth	260	201.7
Limerick	367	188.3
Waterford	174	149.8
Kilkenny	130	131.0
Roscommon	79	122.4
Dublin	1552	115.2
Meath	206	105.6
Monaghan	64	104.3
Longford	41	100.3
Offaly	76	97.5
Tipperary	151	94.6
Mayo	120	91.9
Westmeath	81	91.2
Cavan	65	85.3
Cork	446	82.2
Wicklow	112	78.6
Carlow	44	77.3
Kildare	171	76.9
Clare	90	75.7
Sligo	39	59.5
Galway	141	54.6
Laois	46	54.3
Kerry	79	53.5
Leitrim	13	40.6
Wexford	55	36.7
Total	4,949	103.9

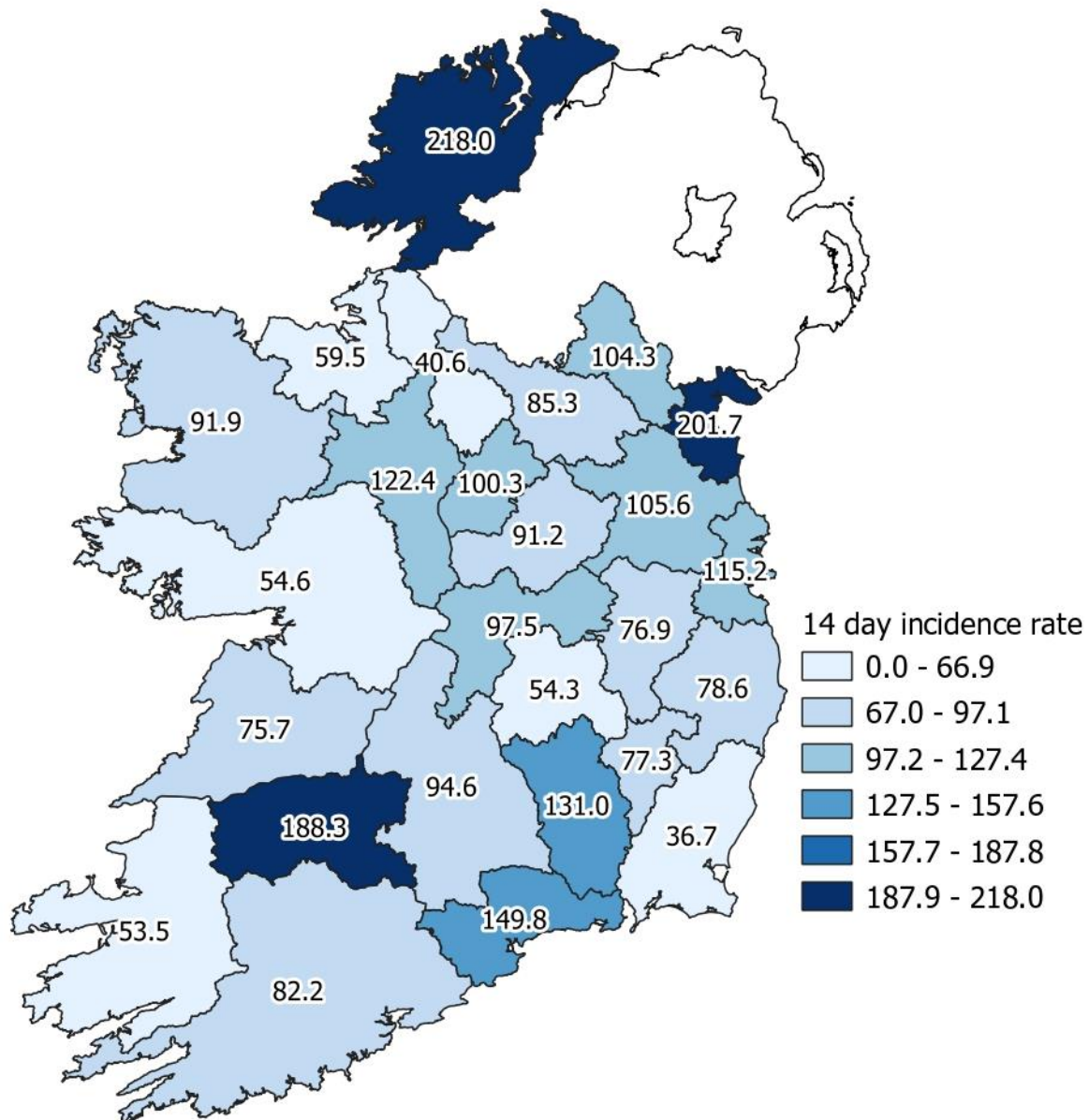


Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 12/11/2020 and 25/11/2020

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 12/11/2020 and 25/11/2020

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	98	72.0
CCA2	Dublin South East	184	148.7
CCA3	Dublin South City	136	90.7
CCA4	Dublin South West	180	111.9
CCA5	Dublin West	214	137.8
CCA6	Dublin North West	285	137.2
CCA7	Dublin North Central	272	176.0
CCA8	Dublin North	183	70.6
	Dublin	1,552	115.2

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.

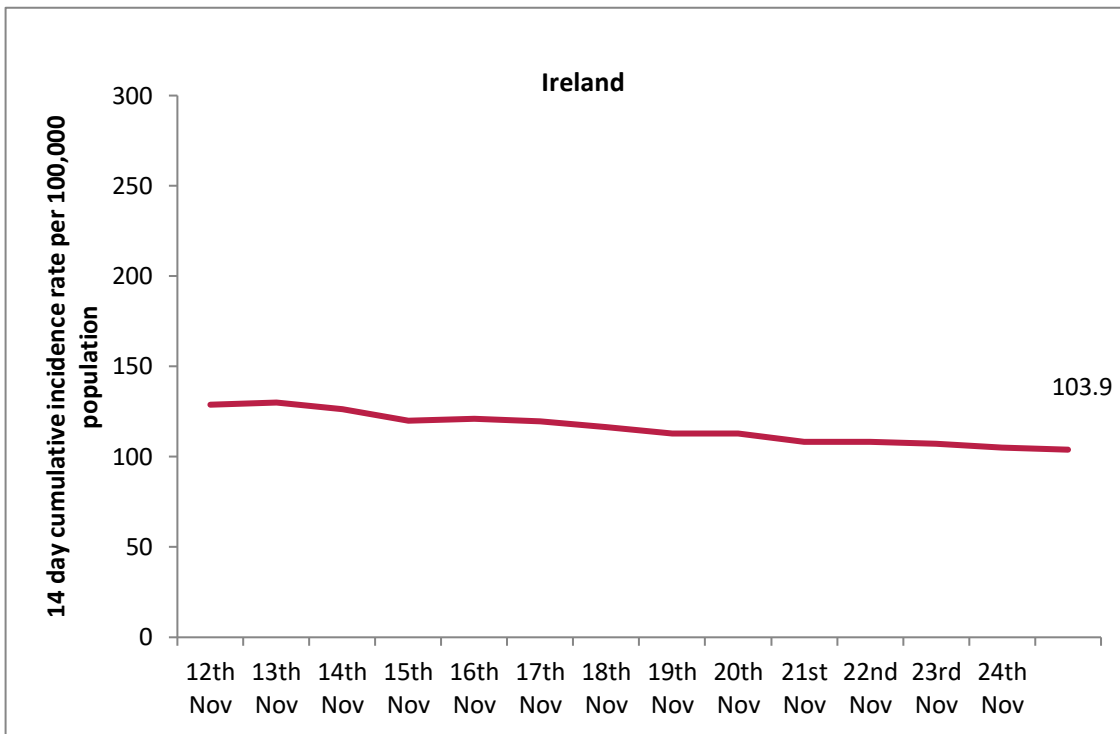


Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (12/11/2020 to 25/11/2020)

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: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 12/11/2020 to midnight 25/11/2020 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	207	2	0.65	0	0
5-12 yrs	418	1	0.32	0	0
13-18 yrs	467	8	2.59	0	0
19-24 yrs	605	8	2.59	0	0
25-34 yrs	772	14	4.53	0	0
35-44 yrs	773	24	7.77	2	14.29
45-54 yrs	681	28	9.06	1	7.14
55-64 yrs	438	32	10.36	3	21.43
65-74 yrs	242	47	15.21	3	21.43
75-84 yrs	207	90	29.13	5	35.71
85+ yrs	137	55	17.8	0	0
Unknown	2			0	0
Total	4,949	309	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 09:21 on 26/11/2020. 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.

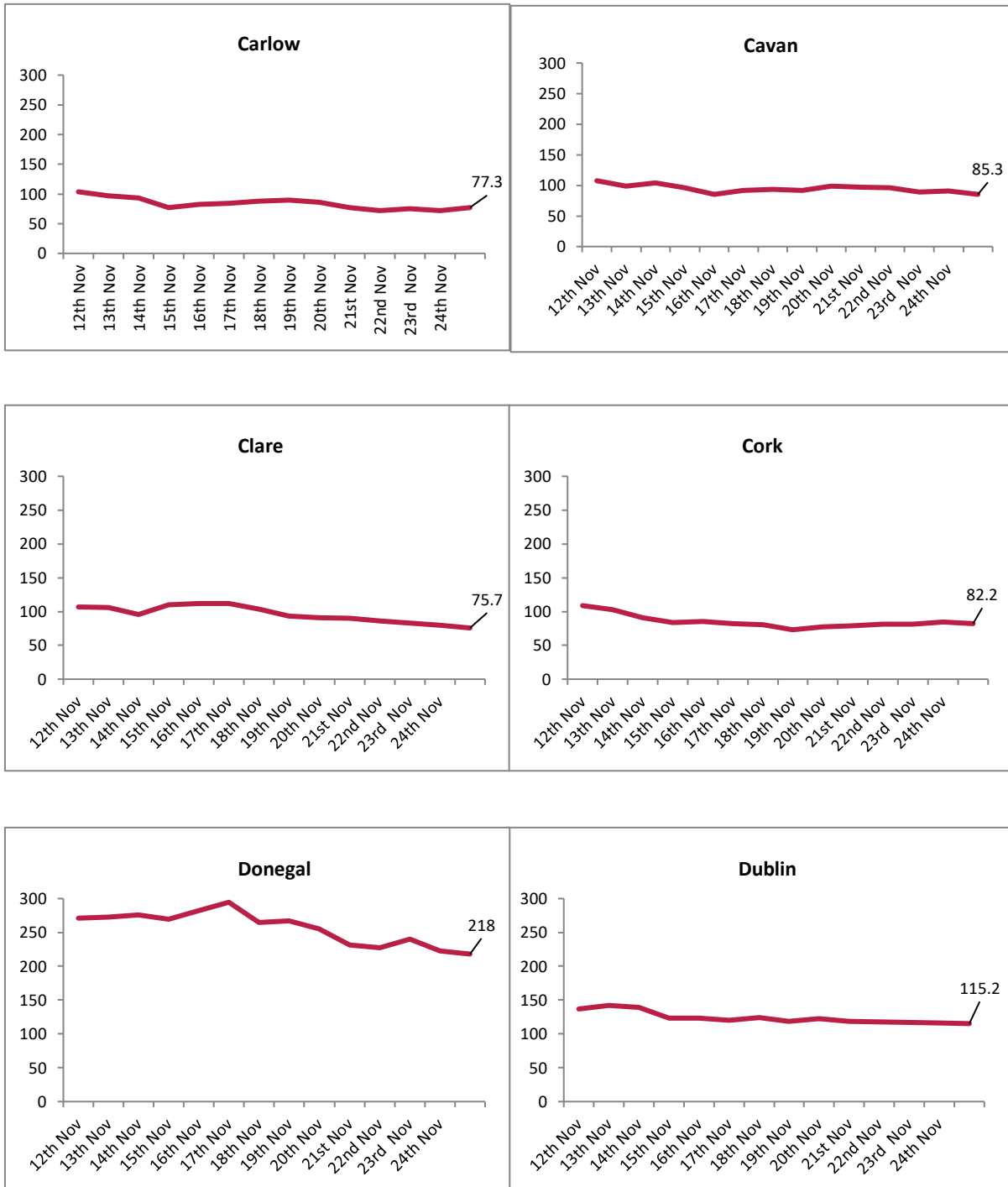
5. Outbreak location

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 (12/11/2020 to 25/11/2020)





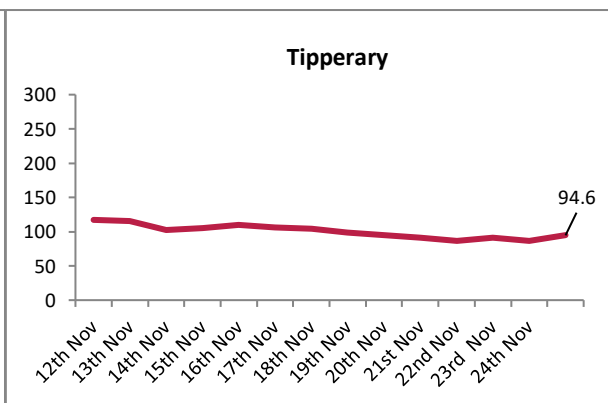
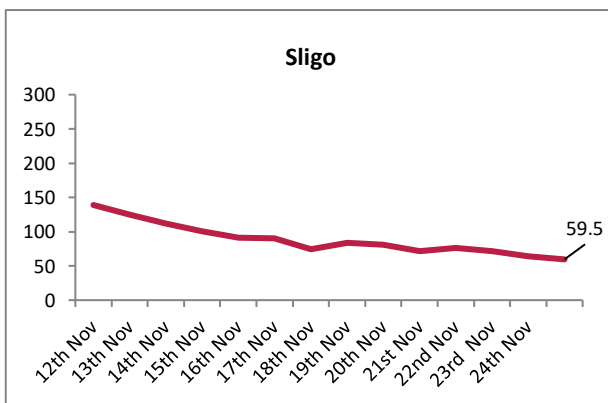
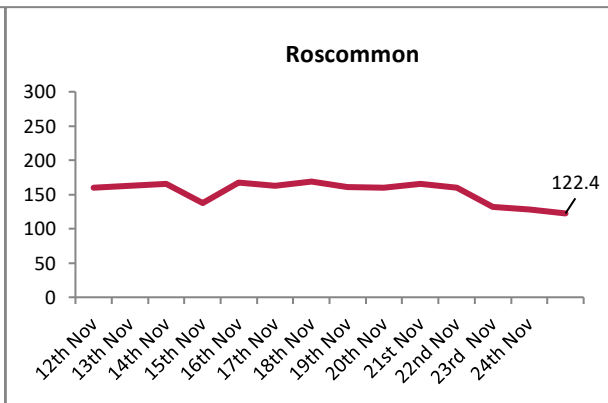
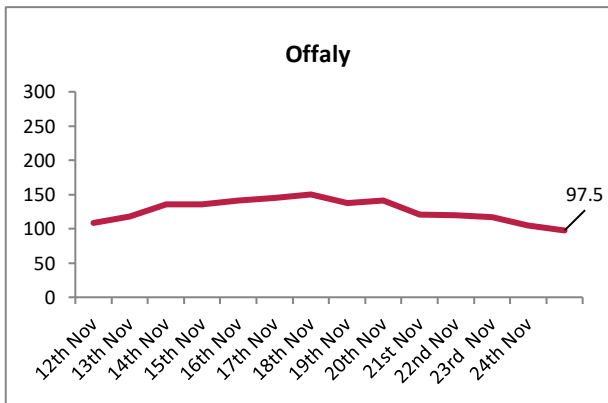
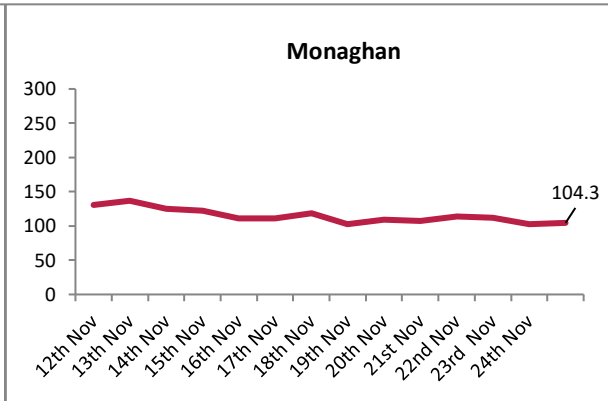
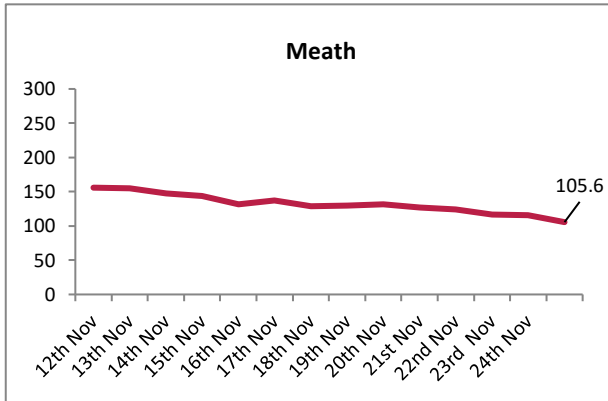
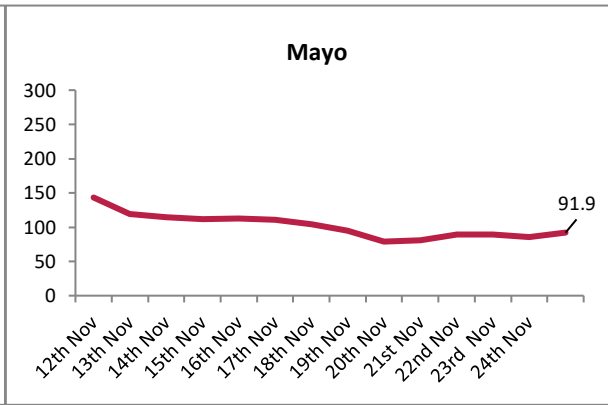
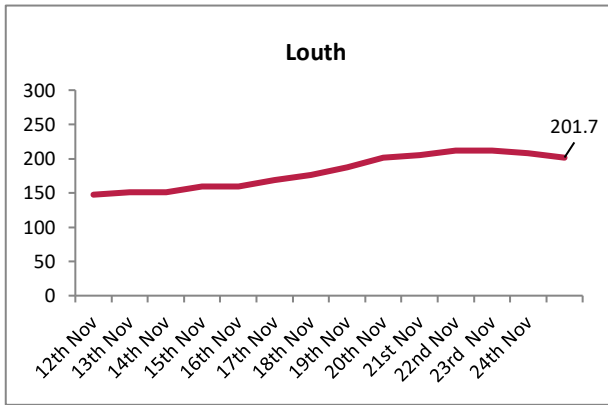
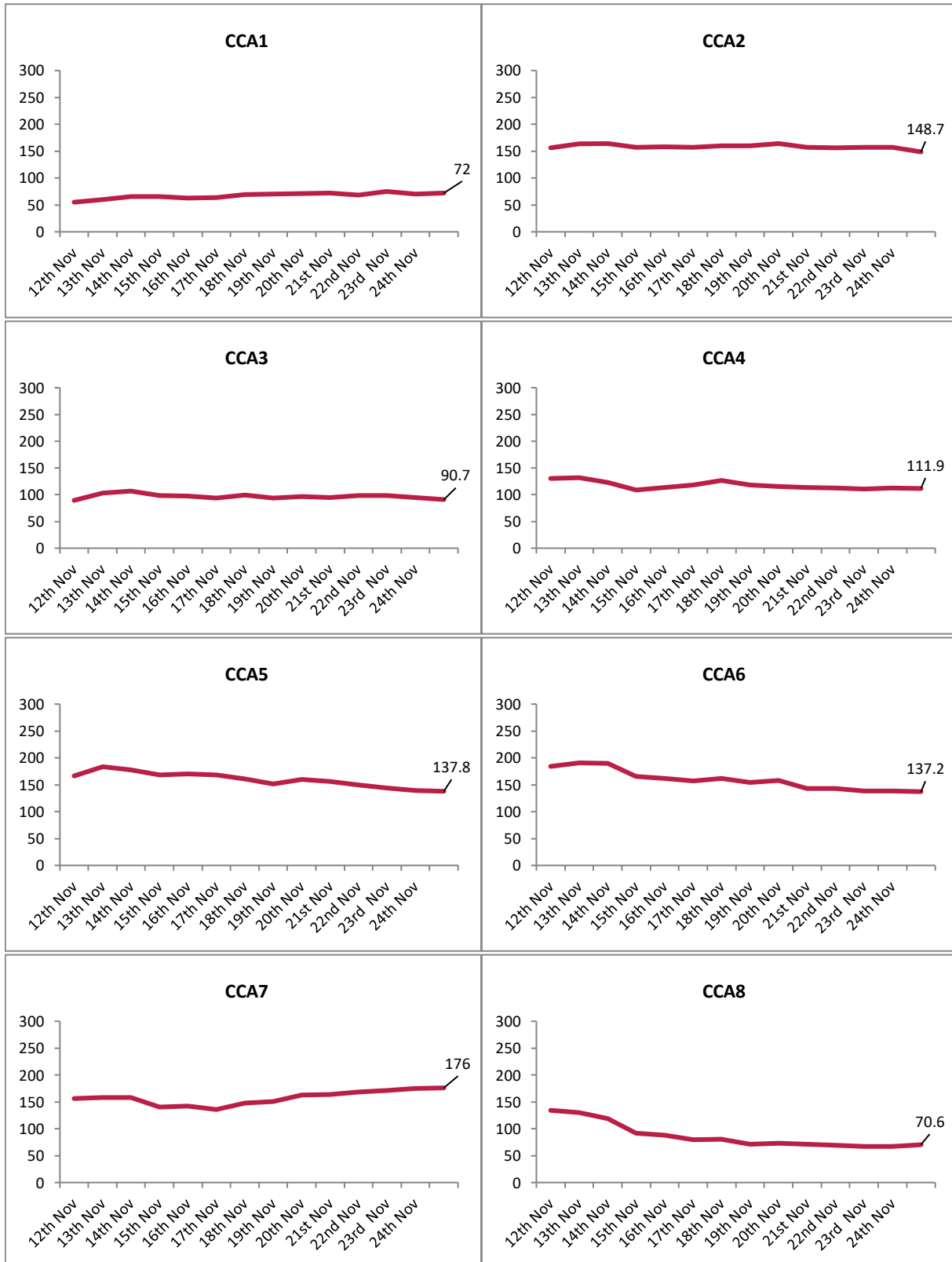




Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (12/11/2020 to 25/11/2020)



Report prepared by Health Protection Surveillance Centre on 26/11/2020