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Epidemiology of COVID-19 in Ireland - HPSC interim 14 day report on cases uploaded to the COVID Care Tracker Report prepared by HPSC on 10/08/2021

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Epidemiology of COVID-19 in Ireland - HPSC interim 14 day report on cases uploaded to the COVID Care Tracker

Report prepared by HPSC on 10/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 27/07/2021 up to midnight on 09/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	20,120	
National incidence of confirmed cases per 100,000 population	422.5	
Number of cases in healthcare workers	613	3.0
Males	10,442	51.9
Females	9,649	48.0
M:F ratio	1.1	
Median age (years)	24	
Mean age (years)	28	
Age range (years)	0-100	

Note: Data included in this report are based on SARS CoV-2 results uploaded to the COVID Care Tracker. These data are provisional and subject to ongoing review, validation and update.

The reported epidemiology of COVID-19, including the daily number of COVID-19 cases and the 14-day incidence reports, is normally based on the notifications to the Computerised Infectious Disease Reporting (CIDR) system. The cyber-attack on the HSE on 14 May 2021 has prevented the routine notification of cases, associated deaths and outbreaks of COVID-19 to CIDR. As an interim measure, provisional epidemiological reports will be prepared based on the information captured by the HSE COVID Care Tracker. Please note that these data do not represent notified cases, and have not undergone the data validation procedures undertaken through CIDR. For this reason, data in this report may differ from that previously reported based on CIDR data for this period. Similarly, future data reported for this period may differ from that presented in this report. As soon as all COVID-19 surveillance systems are restored, surveillance staff in laboratories, the Departments of Public Health and HPSC will work together to retrospectively collate and validate COVID-19 cases, outbreaks and deaths diagnosed and/or notified during this period.

Table 1: Age and sex of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 27/07/2021 up to midnight on 09/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		20,120	**100**
Sex	Male	10,442	51.9
	Female	9,649	48.0
	Unknown	29	0.1
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0-100	
	0-4 yrs	914	4.5
	5-12 yrs	1570	7.8
	13-18 yrs	3289	16.3
	19-24 yrs	4712	23.4
	25-34 yrs	4218	21.0
	35-44 yrs	2226	11.1
	45-54 yrs	1459	7.3
	55-64 yrs	1016	5.0
	65-74 yrs	416	2.1
	75-84 yrs	219	1.1
	85+ yrs	81	0.4
	Total	20,120	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 27/07/2021 up to midnight on 09/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		**20,120**	**100**	
Symptom status at time of test*	Yes	14,257	70.9	80.7
	No	3,399	16.9	19.3
	Unknown	2,464	12.2	
	Total cases where known	**17,656**		
Healthcare worker	Yes	613	3.0	3.4
	No	17,259	85.8	96.6
	Unknown	2248	11.2	
	Total cases where known	**17,872**		

*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.

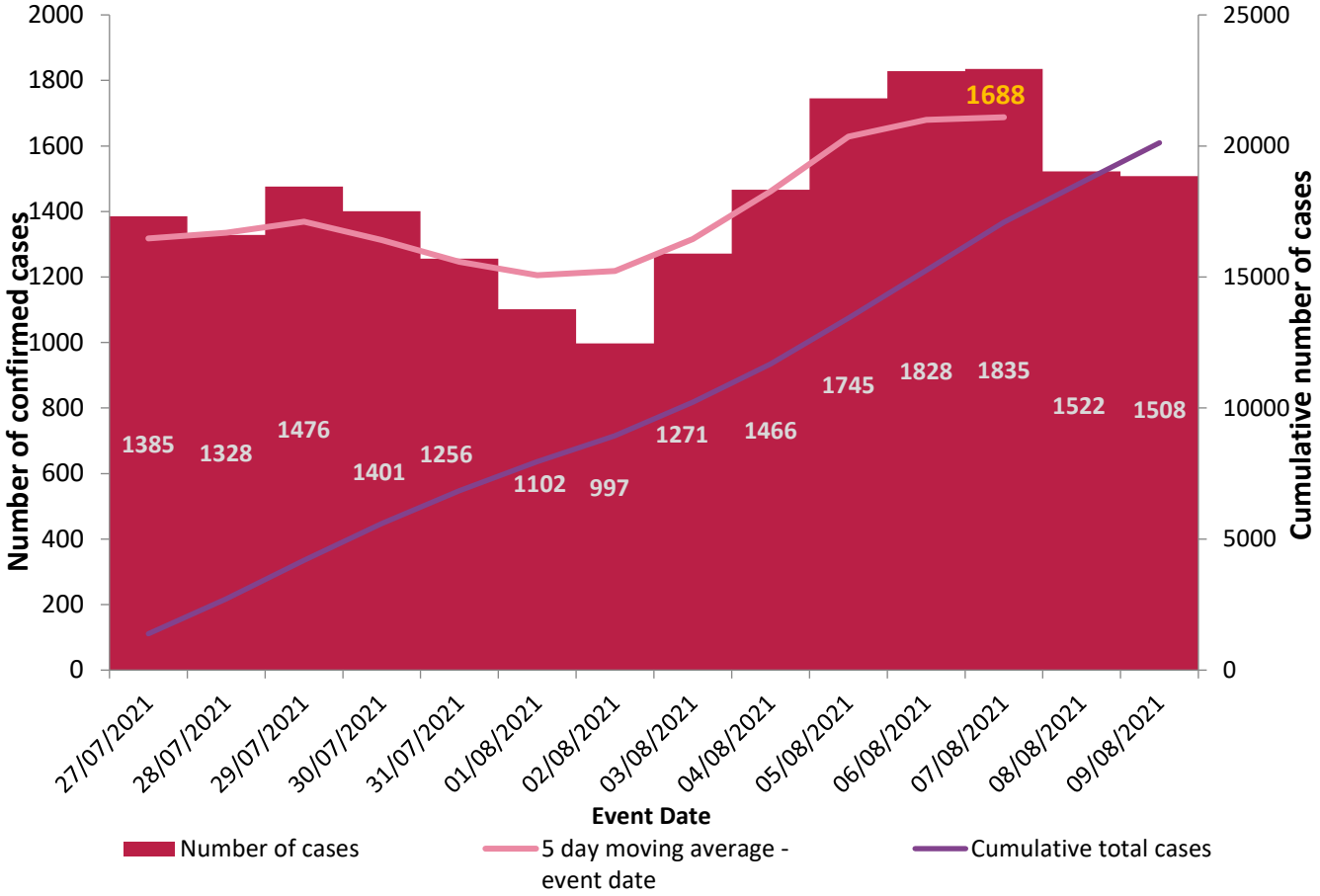


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=20120)

Following data validation, the daily case numbers over the bank holiday weekend have been updated

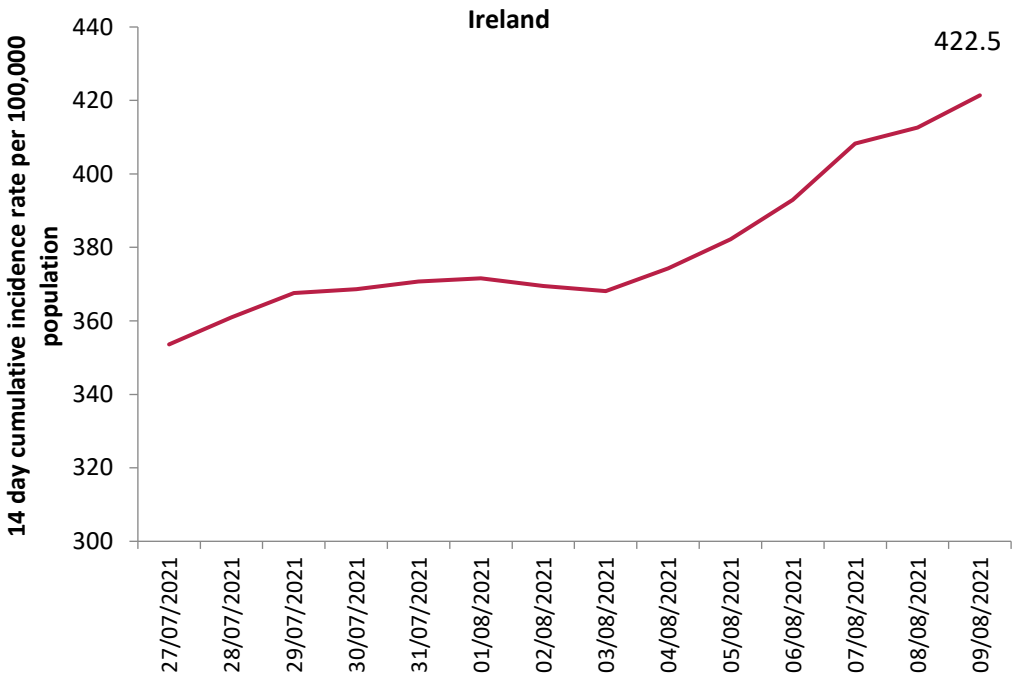


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 27/07/2021 up to midnight on 09/08/2021

*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 3: Number of confirmed COVID-19 cases by county in Ireland uploaded to the COVID Care Tracker from 27/07/2021 up to midnight on 09/08/2021 7 day numbers are reported from 03/08/2021 up to midnight on 09/08/2021

County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (05/08/2021 - 09/08/2021)
Donegal	768	482.4	1336	839.2	57.49	117
Monaghan	276	449.6	410	667.9	67.32	47
Mayo	474	363.2	858	657.4	55.24	74
Cavan	264	346.6	409	536.9	64.55	44
Galway	812	314.7	1527	591.7	53.18	120
Roscommon	197	305.2	323	500.4	60.99	32
Louth	380	294.8	799	619.9	47.56	60
Sligo	183	279.2	324	494.4	56.48	31
Dublin	3479	258.2	6324	469.4	55.01	502
Longford	99	242.2	155	379.2	63.87	16
Meath	412	211.2	765	392.2	53.86	63
Leitrim	66	206.0	127	396.3	51.97	10
Wicklow	292	205.0	541	379.8	53.97	41
Kerry	301	203.8	611	413.7	49.26	49
Wexford	296	197.7	445	297.2	66.52	46
Limerick	380	195.0	763	391.5	49.80	56
Carlow	109	191.5	152	267.0	71.71	16
Offaly	145	186.0	219	280.9	66.21	25
Westmeath	156	175.7	281	316.5	55.52	24
Laois	148	174.7	305	360.1	48.52	22
Cork	896	165.0	1575	290.1	56.89	131
Kildare	337	151.5	600	269.7	56.17	51
Clare	176	148.1	301	253.3	58.47	24
Tipperary	226	141.6	417	261.4	54.20	35
Waterford	163	140.3	270	232.4	60.37	28
Kilkenny	114	114.9	231	232.8	49.35	18
Unknown/Other*	26		52			
Total	**11,175**	**234.7**	**20,120**	**422.5**	**55.54**	**1688**

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 27/07/2021 up to midnight on 09/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	830	4.1
Close contact with a known confirmed case	9,668	48.1
Healthcare setting acquired: patient	67	0.3
Healthcare setting acquired: staff	59	0.3
Community transmission	6,408	31.8
Under investigation	3,088	15.3
Total cases with known most likely transmission source	**17,032**	**84.7**
Total	**20,120**	**100**

The most likely transmission source should be interpreted with caution as data may not be updated based on additional investigations undertaken by Departments of Public Health Medicine as occurred previously with CIDR

Table 5: Daily number of confirmed COVID-19 cases uploaded to the COVID Care Tracker from 27/07/2021 up to midnight on 09/08/2021

Date	Number of confirmed cases
27/07/2021	1385
28/07/2021	1328
29/07/2021	1476
30/07/2021	1401
31/07/2021	1256
01/08/2021	1102
02/08/2021	997
03/08/2021	1271
04/08/2021	1466
05/08/2021	1745
06/08/2021	1828
07/08/2021	1835
08/08/2021	1522
09/08/2021	1508
Total	**20,120**

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 information uploaded to the COVID Care Tracker (CCT). Please note that these data do not represent notified cases, and have not undergone normal data validation procedures. Data are therefore provisional and subject to ongoing review and update. As a result, figures in this report may differ from previously published figures.

2. Dates

Daily totals are based on the date a positive sample for a case is uploaded to the CCT. In situations where two samples are uploaded for the same case the earliest date is used.

3. Population data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-12 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.

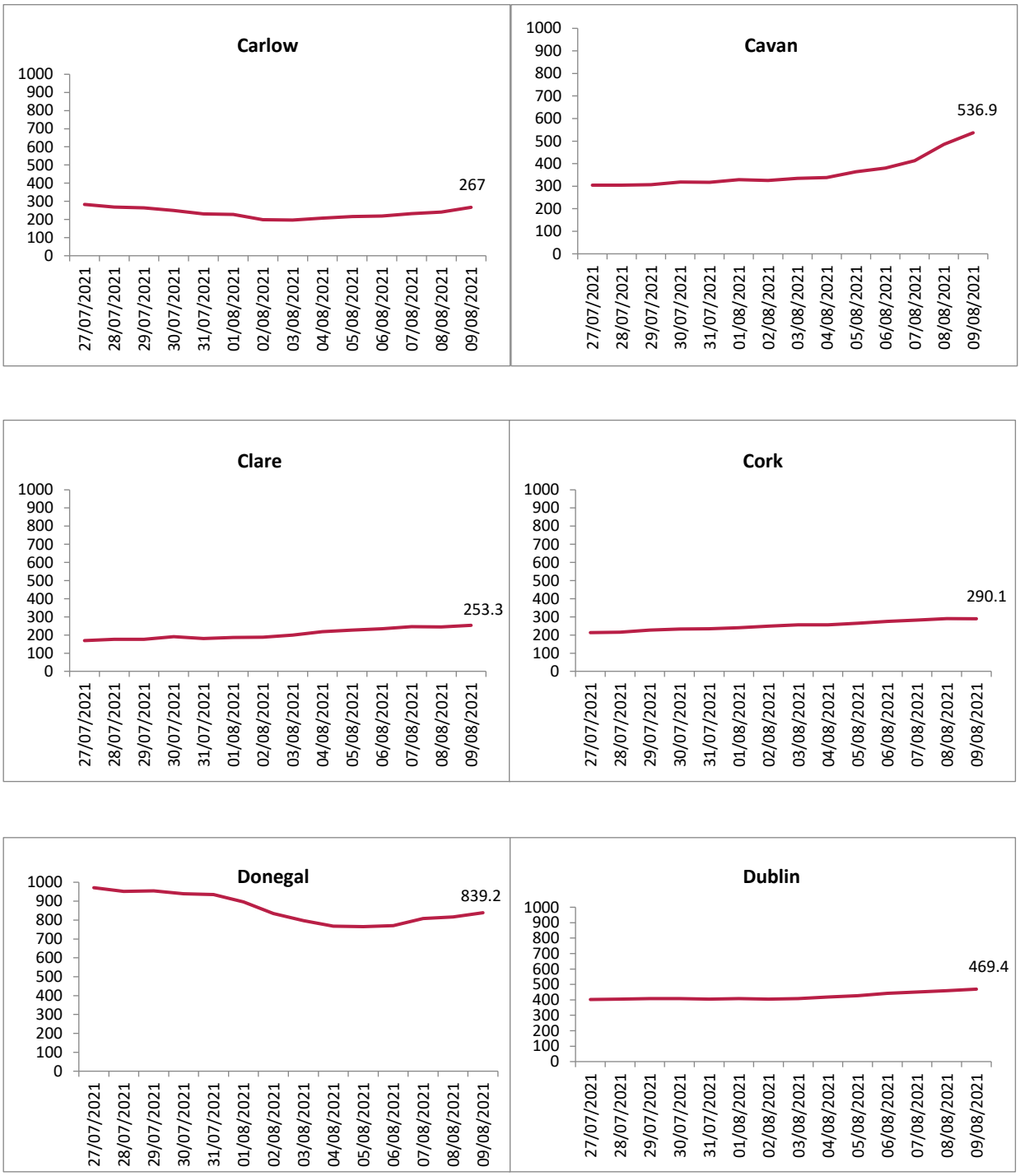
4. Transmission classification

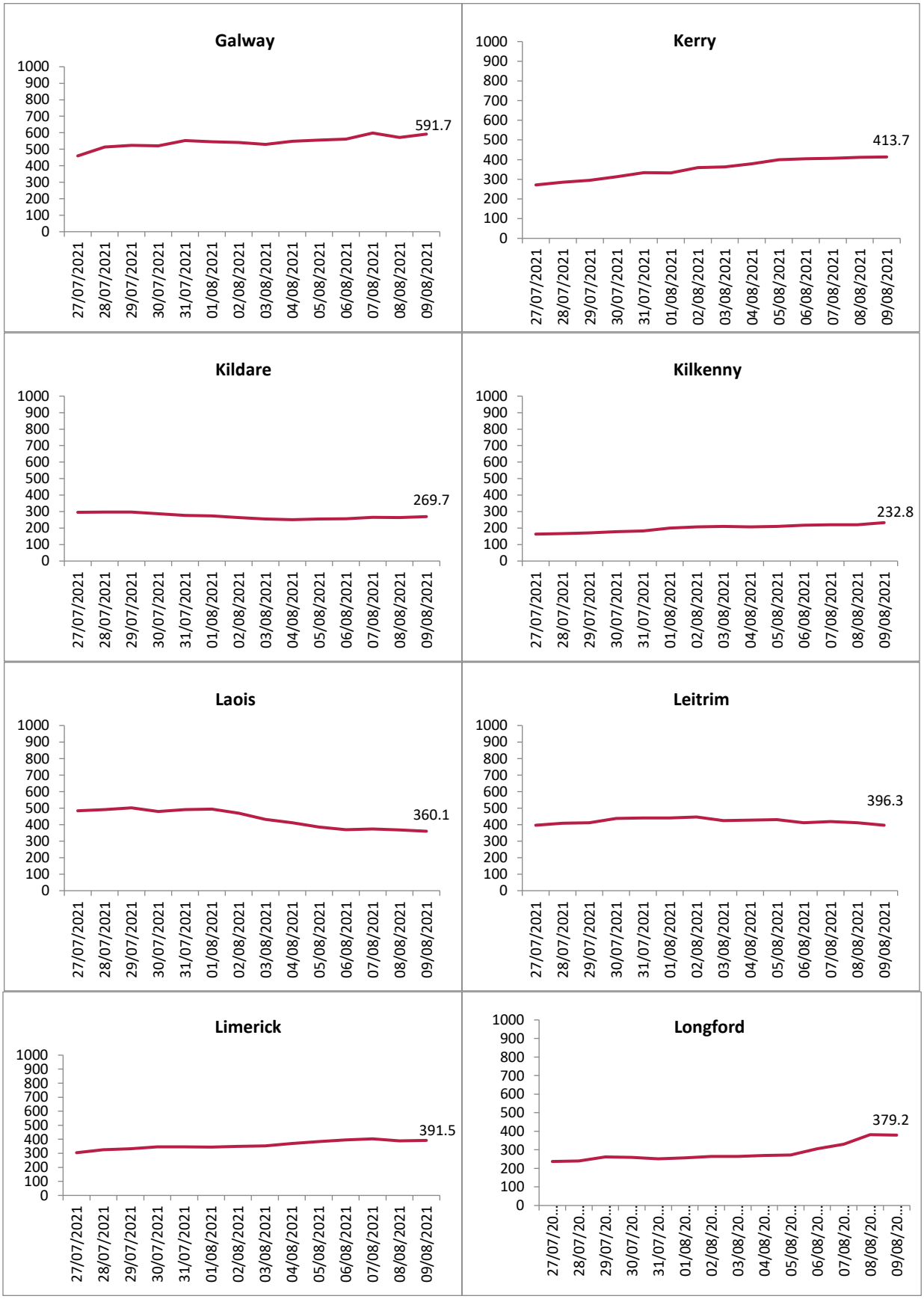
Transmission classification is based on country of infection as well as enhanced exposure data (international travel; close contact of a case) recorded in CCT. Transmission is classified as ‘unknown’ due to incomplete data on CCT.

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.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (27/07/2021 to 09/08/2021)





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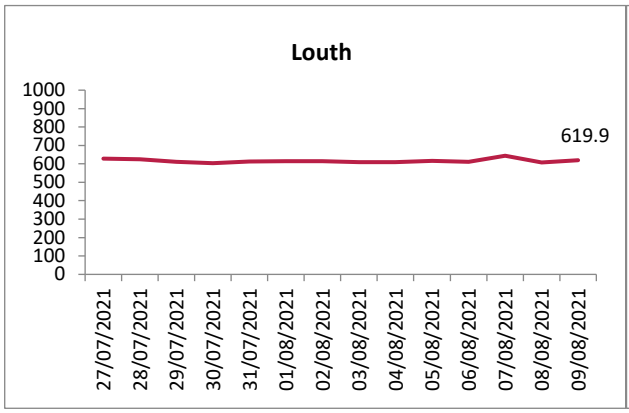
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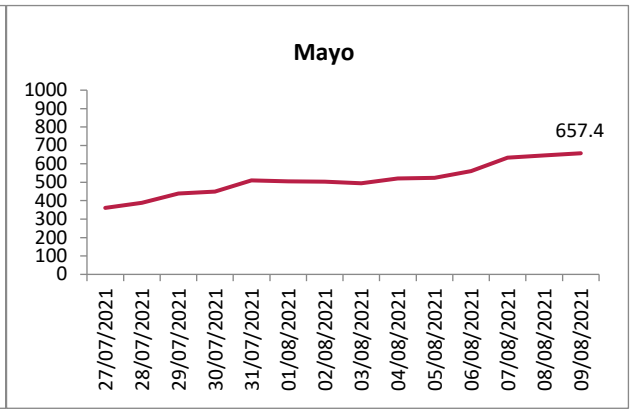
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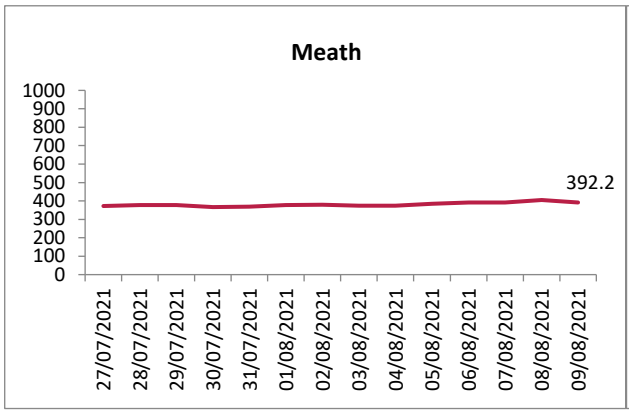
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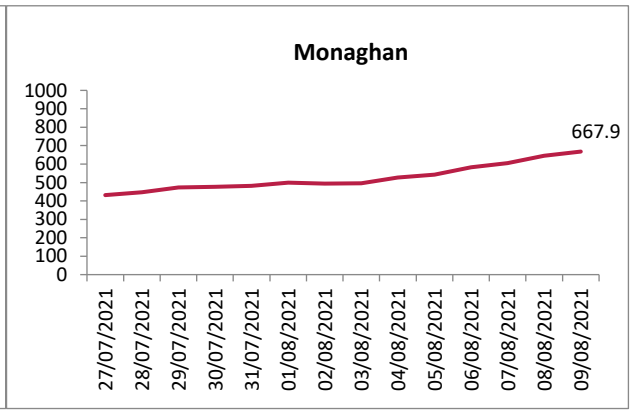
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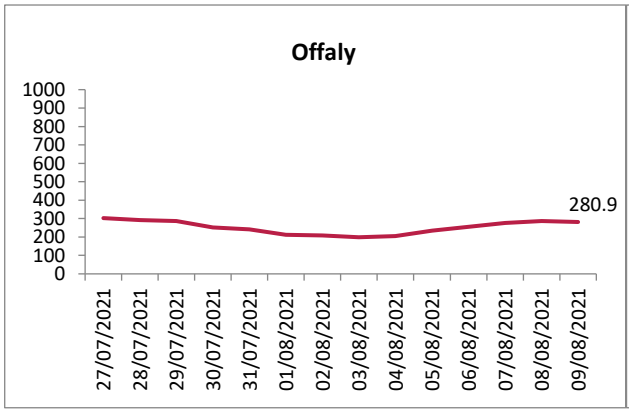
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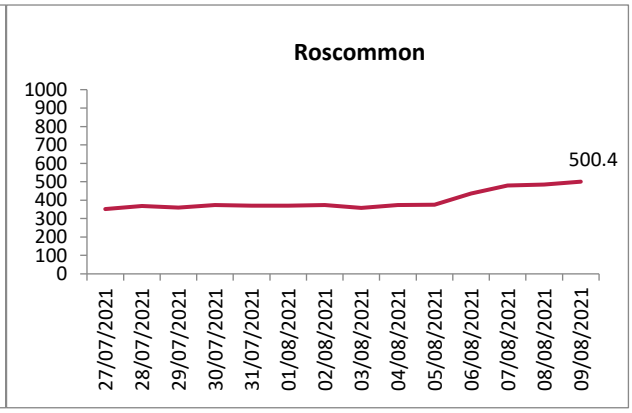
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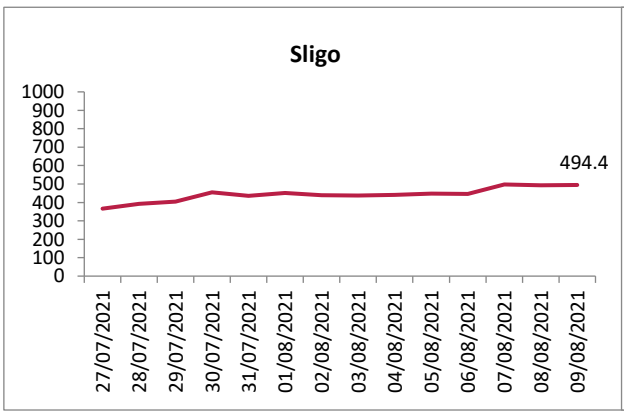
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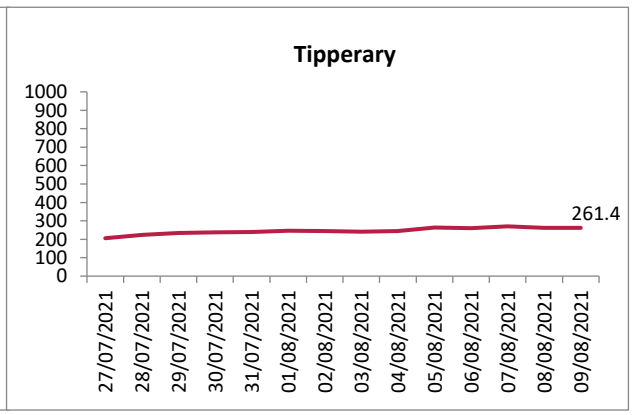
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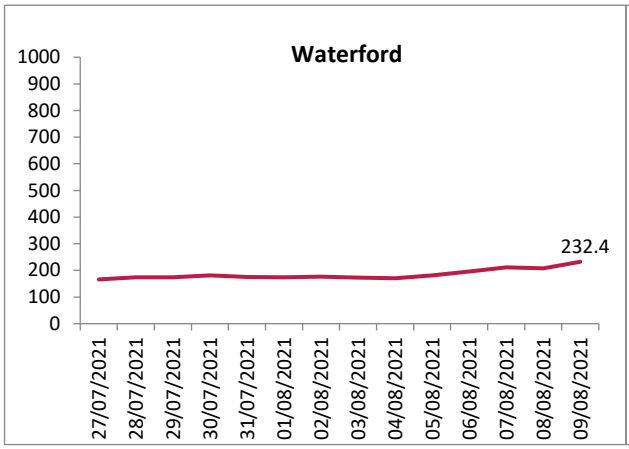
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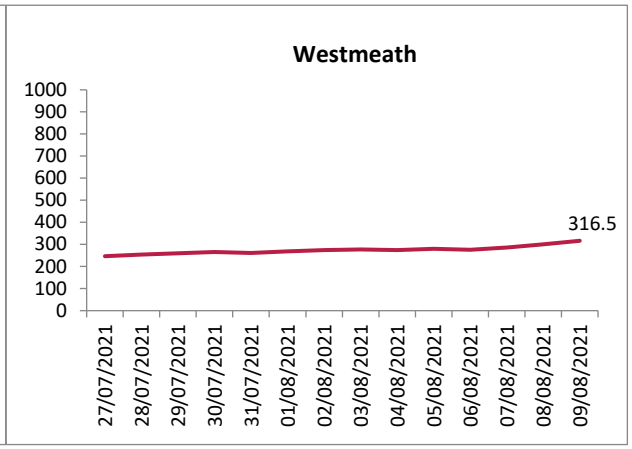
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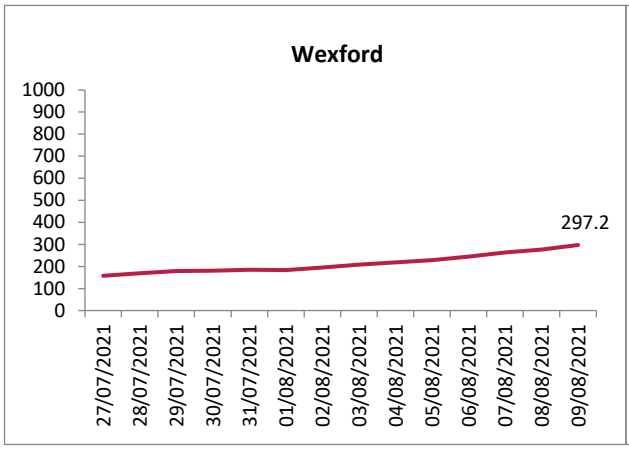
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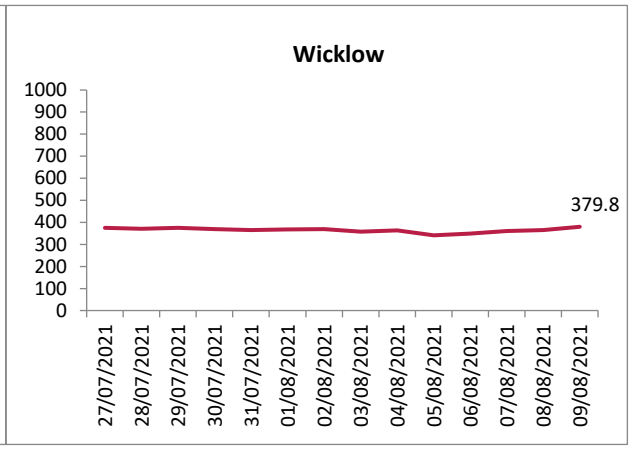
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