

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

Report prepared by HPSC on 13/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 29/06/2021 up to midnight on 12/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	7,179	
National incidence of confirmed cases per 100,000 population	150.8	
Number of cases in healthcare workers	182	2.5
Males	3,634	50.6
Females	3,540	49.3
M:F ratio	1.0	
Median age (years)	23	
Mean age (years)	27	
Age range (years)	0-97	

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 29/06/2021 up to midnight on 12/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		7,179	100
Sex	Male	3,634	50.6
	Female	3,540	49.3
	Unknown	5	0.1
Age	Median age (years)	23	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	334	4.7
	5-12 yrs	770	10.7
	13-18 yrs	1027	14.3
	19-24 yrs	1720	24.0
	25-34 yrs	1422	19.8
	35-44 yrs	966	13.5
	45-54 yrs	480	6.7
	55-64 yrs	279	3.9
	65-74 yrs	129	1.8
	75-84 yrs	38	0.5
	85+ yrs	14	0.2
	Total	7,179	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 29/06/2021 up to midnight on 12/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		7,179	100	
Symptom status at time of test*	Yes	5,179	72.1	79.6
	No	1,327	18.5	20.4
	Unknown	673	9.4	
	Total cases where known	6,506		
Healthcare worker	Yes	182	2.5	2.8
	No	6,411	89.3	97.2
	Unknown	586	8.2	
	Total cases where known	6,593		

*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.

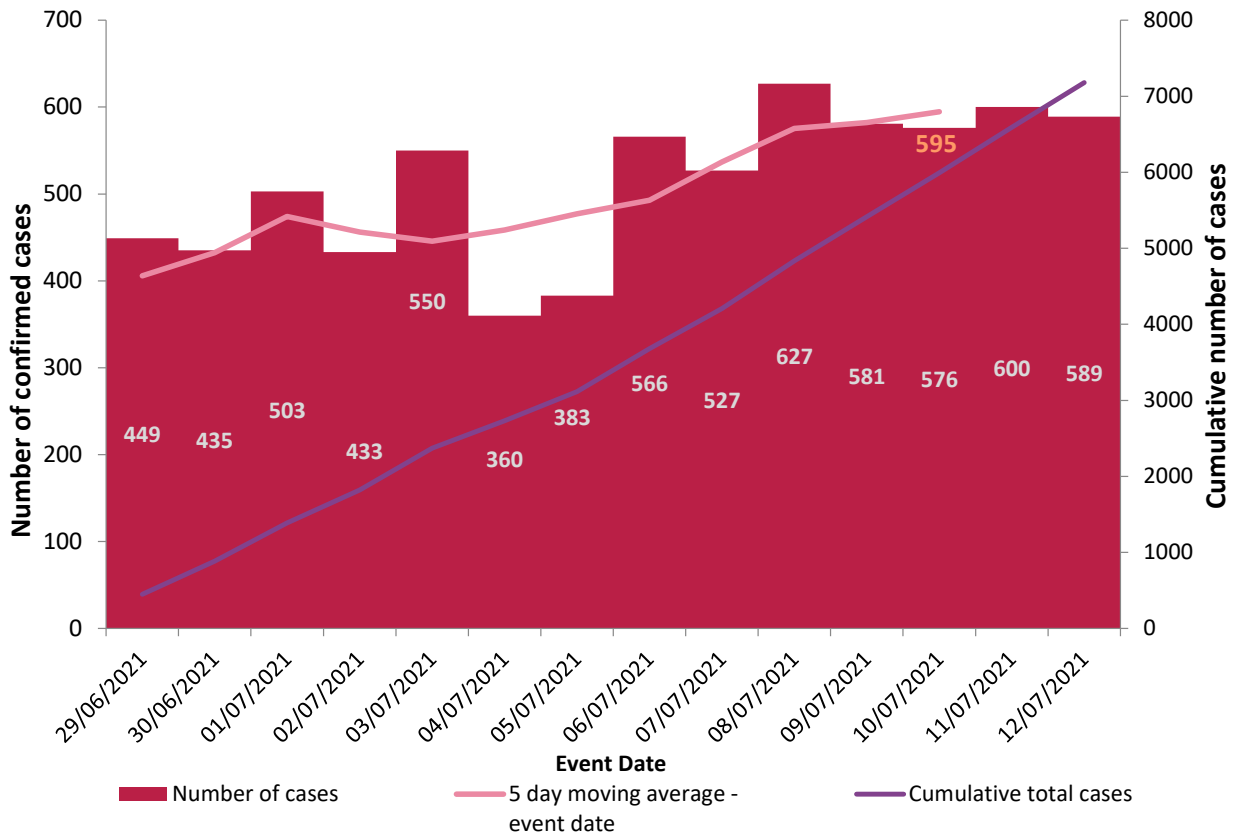


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=7179)

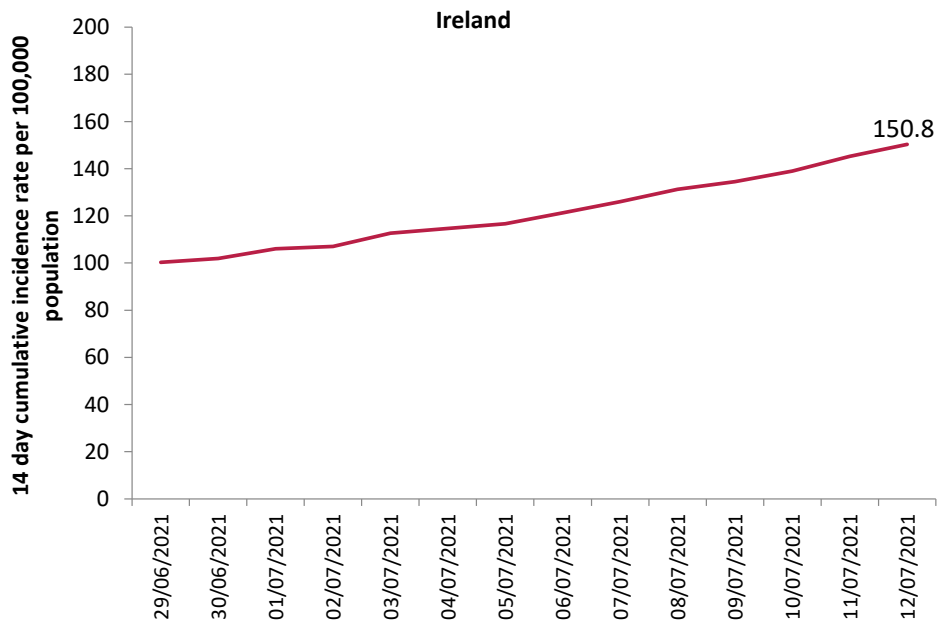


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 29/06/2021 up to midnight on 12/07/2021

*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 29/06/2021 up to midnight on 12/07/2021 7 day numbers are reported from 06/07/2021 up to midnight on 12/07/2021

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 (08/07/2021 - 12/07/2021)
Donegal	378	237.4	707	444.1	53.47	52
Louth	193	149.7	277	214.9	69.68	31
Limerick	244	125.2	401	205.7	60.85	37
Dublin	1,473	109.3	2699	200.3	54.58	211
Sligo	70	106.8	149	227.4	46.98	9
Kildare	213	95.7	326	146.5	65.34	32
Meath	169	86.6	306	156.9	55.23	24
Roscommon	54	83.7	115	178.2	46.96	8
Mayo	106	81.2	161	123.4	65.84	16
Kerry	118	79.9	181	122.5	65.19	18
Westmeath	66	74.3	120	135.2	55.00	10
Carlow	42	73.8	53	93.1	79.25	8
Galway	173	67.0	260	100.8	66.54	28
Monaghan	39	63.5	59	96.1	66.10	5
Laois	52	61.4	99	116.9	52.53	8
Leitrim	18	56.2	23	71.8	78.26	3
Offaly	43	55.2	79	101.3	54.43	5
Wicklow	75	52.7	138	96.9	54.35	10
Cavan	37	48.6	79	103.7	46.84	6
Wexford	71	47.4	134	89.5	52.99	8
Cork	238	43.8	355	65.4	67.04	38
Waterford	46	39.6	153	131.7	30.07	7
Clare	44	37.0	105	88.4	41.90	7
Longford	15	36.7	29	71.0	51.72	2
Kilkenny	28	28.2	64	64.5	43.75	3
Tipperary	42	26.3	84	52.6	50.00	6
Unknown	19		23			
Total	4,066	85.4	7,179	150.8		582

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 29/06/2021 up to midnight on 12/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	609	8.5
Close contact with a known confirmed case	4,113	57.3
Healthcare setting acquired: patient	16	0.2
Healthcare setting acquired: staff	13	0.2
Community transmission	1,763	24.6
Under investigation	665	9.3
Total cases with known most likely transmission source	6,514	90.7
Total	7,179	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 29/06/2021 up to midnight on 12/07/2021

Date	Number of confirmed cases
29/06/2021	449
30/06/2021	435
01/07/2021	503
02/07/2021	433
03/07/2021	550
04/07/2021	360
05/07/2021	383
06/07/2021	566
07/07/2021	527
08/07/2021	627
09/07/2021	581
10/07/2021	576
11/07/2021	600
12/07/2021	589
Total	7,179

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 (29/06/2021 to 12/07/2021)

