

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

Report prepared by HPSC on 06/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 23/07/2021 up to midnight on 05/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	18,358	
National incidence of confirmed cases per 100,000 population	385.5	
Number of cases in healthcare workers	514	2.8
Males	9,549	52.0
Females	8,783	47.8
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 23/07/2021 up to midnight on 05/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		18,358	100
Sex	Male	9,549	52.0
	Female	8,783	47.8
	Unknown	26	0.1
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0-100	
	0-4 yrs	815	4.4
	5-12 yrs	1312	7.1
	13-18 yrs	3012	16.4
	19-24 yrs	4573	24.9
	25-34 yrs	3983	21.7
	35-44 yrs	1991	10.8
	45-54 yrs	1242	6.8
	55-64 yrs	847	4.6
	65-74 yrs	368	2.0
	75-84 yrs	154	0.8
	85+ yrs	61	0.3
	Total	18,358	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 23/07/2021 up to midnight on 05/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		18,358	100	
Symptom status at time of test*	Yes	12,833	69.9	80.7
	No	3,075	16.8	19.3
	Unknown	2,450	13.3	
	Total cases where known	15,908		
Healthcare worker	Yes	514	2.8	3.2
	No	15,580	84.9	96.8
	Unknown	2264	12.3	
	Total cases where known	16,094		

*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.

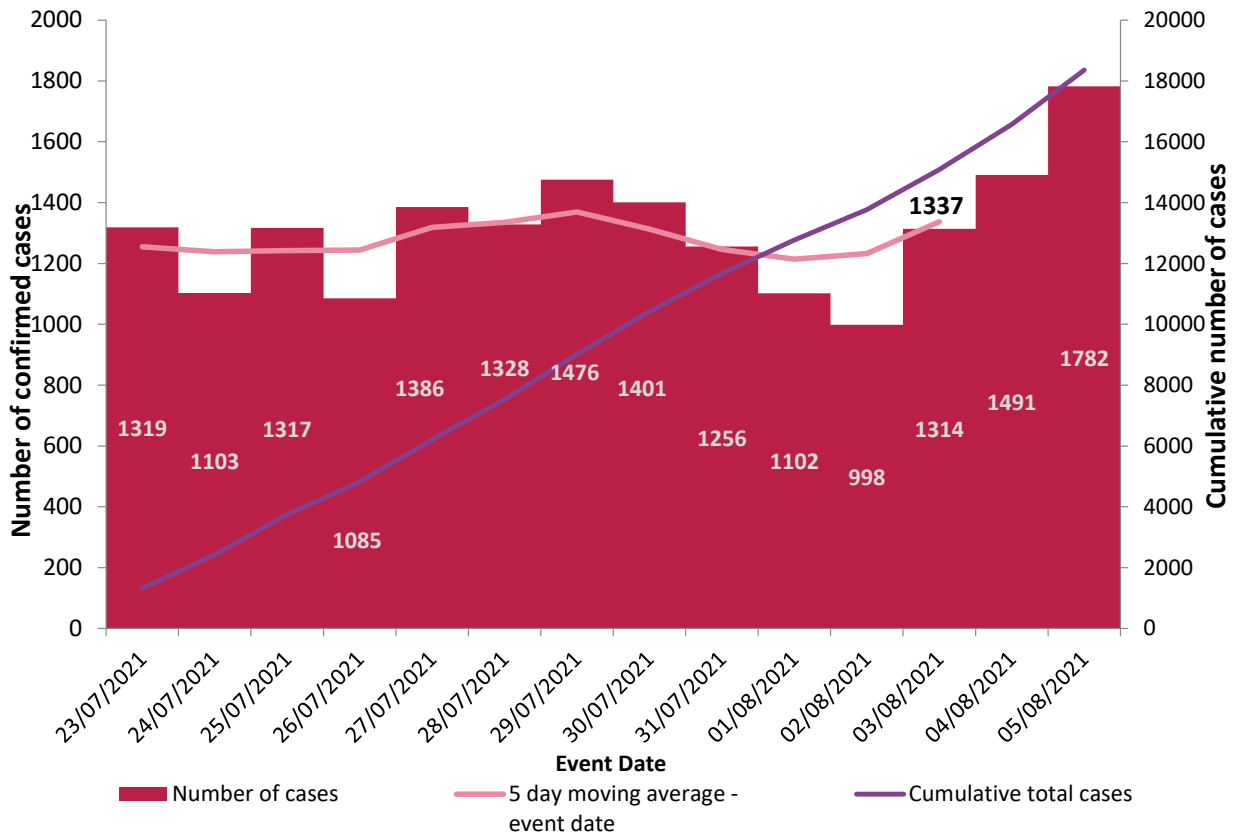


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=18358)

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

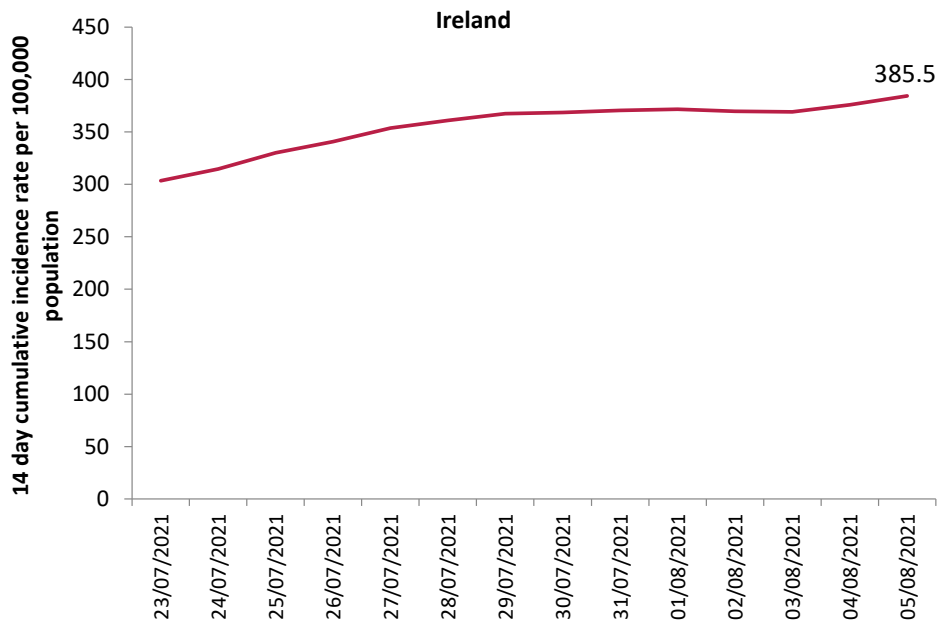


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 23/07/2021 up to midnight on 05/08/2021

*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 23/07/2021 up to midnight on 05/08/2021 7 day numbers are reported from 30/07/2021 up to midnight on 05/08/2021

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 (01/08/2021 - 05/08/2021)
Donegal	586	368.1	1218	765.1	48.11	80
Louth	374	290.2	797	618.4	46.93	48
Galway	726	281.3	1448	561.1	50.14	103
Mayo	365	279.7	698	534.8	52.29	47
Monaghan	165	268.8	335	545.7	49.25	26
Dublin	3,004	223.0	5791	429.8	51.87	432
Cavan	169	221.9	278	364.9	60.79	23
Sligo	141	215.2	299	456.2	47.16	19
Kerry	309	209.2	597	404.2	51.76	41
Wicklow	274	192.4	490	344.0	55.92	41
Roscommon	123	190.6	242	374.9	50.83	16
Meath	365	187.1	753	386.1	48.47	53
Leitrim	58	181.0	138	430.7	42.03	7
Limerick	352	180.6	753	386.4	46.75	48
Laois	136	160.6	329	388.4	41.34	18
Cork	800	147.4	1445	266.2	55.36	120
Westmeath	120	135.2	250	281.6	48.00	18
Longford	54	132.1	111	271.6	48.65	9
Kildare	283	127.2	568	255.3	49.82	42
Clare	149	125.4	270	227.2	55.19	23
Wexford	187	124.9	343	229.1	54.52	32
Tipperary	193	121.0	422	264.5	45.73	29
Carlow	68	119.4	124	217.8	54.84	12
Offaly	91	116.7	183	234.7	49.73	14
Kilkenny	114	114.9	211	212.6	54.03	16
Waterford	108	93.0	213	183.3	50.70	16
Unknown	30		52			
Total	9,344	196.2	18,358	385.5	50.90	1337

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 23/07/2021 up to midnight on 05/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	755	4.1
Close contact with a known confirmed case	8,717	47.5
Healthcare setting acquired: patient	53	0.3
Healthcare setting acquired: staff	43	0.2
Community transmission	5,856	31.9
Under investigation	2,934	16.0
Total cases with known most likely transmission source	15,424	84.0
Total	18,358	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 23/07/2021 up to midnight on 05/08/2021

Date	Number of confirmed cases
23/07/2021	1319
24/07/2021	1103
25/07/2021	1317
26/07/2021	1085
27/07/2021	1386
28/07/2021	1328
29/07/2021	1476
30/07/2021	1401
31/07/2021	1256
01/08/2021	1102
02/08/2021	998
03/08/2021	1314
04/08/2021	1491
05/08/2021	1782
Total	18,358

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 (23/07/2021 to 05/08/2021)



