

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

Report prepared by HPSC on 12/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 29/07/2021 up to midnight on 11/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	20,968	
National incidence of confirmed cases per 100,000 population	440.3	
Number of cases in healthcare workers	689	3.3
Males	10,819	51.6
Females	10,119	48.3
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 29/07/2021 up to midnight on 11/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		20,968	100
Sex	Male	10,819	51.6
	Female	10,119	48.3
	Unknown	30	0.1
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0-100	
	0-4 yrs	953	4.5
	5-12 yrs	1708	8.1
	13-18 yrs	3477	16.6
	19-24 yrs	4737	22.6
	25-34 yrs	4198	20.0
	35-44 yrs	2370	11.3
	45-54 yrs	1613	7.7
	55-64 yrs	1092	5.2
	65-74 yrs	458	2.2
	75-84 yrs	261	1.2
	85+ yrs	101	0.5
	Total	20,968	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 29/07/2021 up to midnight on 11/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		20,968	100	
Symptom status at time of test*	Yes	14,802	70.6	81.1
	No	3,460	16.5	18.9
	Unknown	2,706	12.9	
	Total cases where known	18,262		
Healthcare worker				
	Yes	689	3.3	3.7
	No	17,804	84.9	96.3
	Unknown	2475	11.8	
	Total cases where known	18,493		

*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.

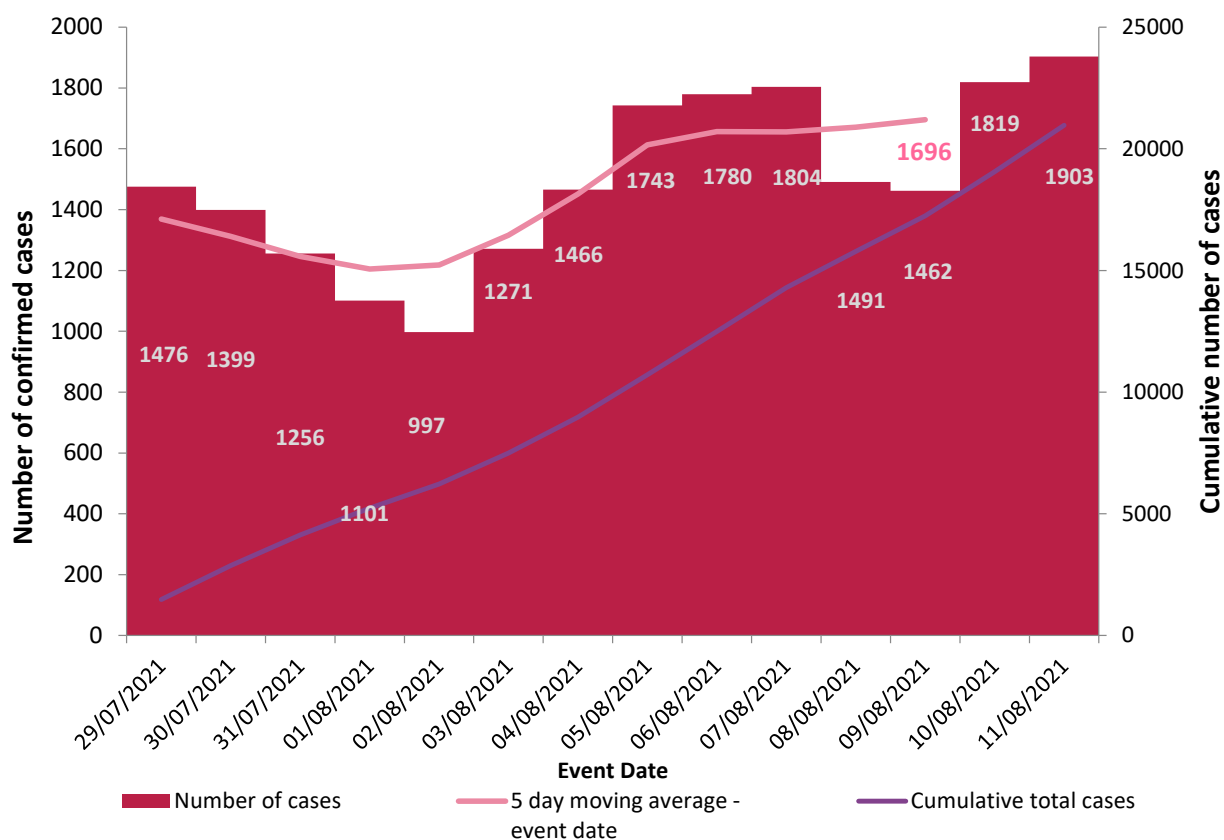


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=20968)

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

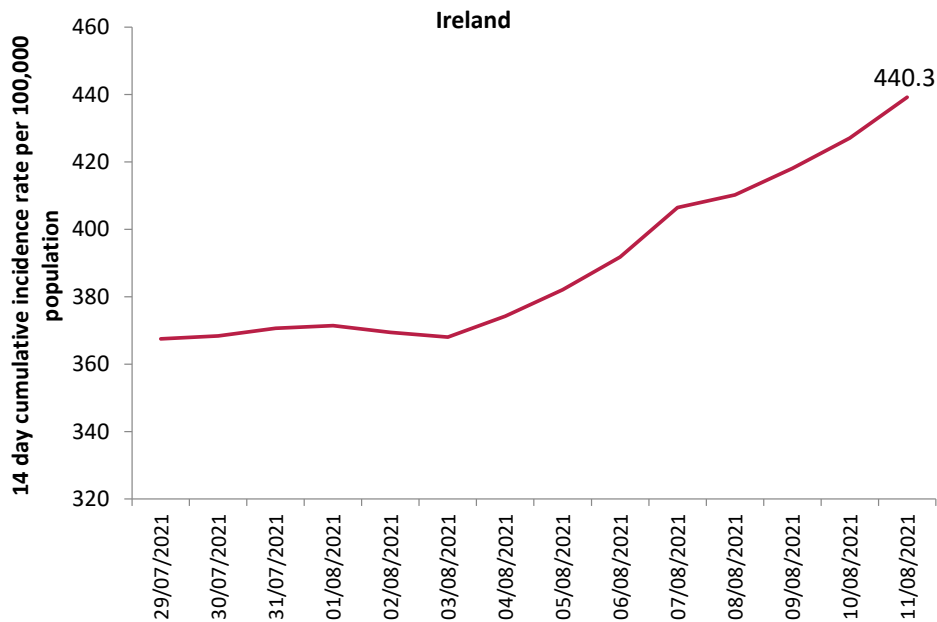


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 29/07/2021 up to midnight on 11/08/2021

*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 29/07/2021 up to midnight on 11/08/2021 7 day numbers are reported from 05/08/2021 up to midnight on 11/08/2021

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 (07/08/2021 - 11/08/2021)
Monaghan	366	596.2	499	812.9	73.35	55
Donegal	836	525.2	1434	900.8	58.30	119
Cavan	325	426.6	475	623.6	68.42	52
Mayo	514	393.8	900	689.6	57.11	77
Roscommon	234	362.5	359	556.2	65.18	33
Sligo	210	320.4	340	518.8	61.76	30
Galway	822	318.5	1511	585.5	54.40	115
Louth	390	302.6	754	585.0	51.72	55
Dublin	3,615	268.3	6562	487.0	55.09	504
Longford	99	242.2	149	364.5	66.44	13
Meath	445	228.2	781	400.4	56.98	61
Offaly	174	223.2	241	309.1	72.20	22
Kerry	325	220.0	613	415.0	53.02	46
Wexford	321	214.4	481	321.3	66.74	44
Limerick	408	209.3	757	388.4	53.90	58
Carlow	116	203.8	173	303.9	67.05	17
Westmeath	180	202.8	302	340.2	59.60	29
Wicklow	282	198.0	543	381.3	51.93	40
Leitrim	63	196.6	118	368.2	53.39	8
Laois	158	186.5	298	351.8	53.02	24
Waterford	207	178.2	295	253.9	70.17	30
Cork	941	173.3	1691	311.5	55.65	125
Kildare	381	171.2	649	291.7	58.71	55
Tipperary	262	164.2	442	277.0	59.28	37
Kilkenny	137	138.1	245	246.9	55.92	20
Clare	161	135.5	303	255.0	53.14	22
Unknown	30		53			
Total	12,002	252.0	20,968	440.3	57.24	1696

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 29/07/2021 up to midnight on 11/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	848	4.0
Close contact with a known confirmed case	9,972	47.6
Healthcare setting acquired: patient	81	0.4
Healthcare setting acquired: staff	67	0.3
Community transmission	6,637	31.7
Under investigation	3,363	16.0
Total cases with known most likely transmission source	17,605	84.0
Total	20,968	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 29/07/2021 up to midnight on 11/08/2021

Date	Number of confirmed cases
29/07/2021	1476
30/07/2021	1399
31/07/2021	1256
01/08/2021	1101
02/08/2021	997
03/08/2021	1271
04/08/2021	1466
05/08/2021	1743
06/08/2021	1780
07/08/2021	1804
08/08/2021	1491
09/08/2021	1462
10/08/2021	1819
11/08/2021	1903
Total	20,968

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 (29/07/2021 to 11/08/2021)

