

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

Report prepared by HPSC on 11/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 28/07/2021 up to midnight on 10/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	20,554	
National incidence of confirmed cases per 100,000 population	431.6	
Number of cases in healthcare workers	643	3.1
Males	10,626	51.7
Females	9,898	48.2
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 28/07/2021 up to midnight on 10/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		20,554	100
Sex	Male	10,626	51.7
	Female	9,898	48.2
	Unknown	30	0.1
Age	Median age (years)	24	
	Mean age (years)	28	
	Age range (years)	0-100	
	0-4 yrs	913	4.4
	5-12 yrs	1638	8.0
	13-18 yrs	3357	16.3
	19-24 yrs	4787	23.3
	25-34 yrs	4215	20.5
	35-44 yrs	2298	11.2
	45-54 yrs	1538	7.5
	55-64 yrs	1044	5.1
	65-74 yrs	439	2.1
	75-84 yrs	236	1.1
	85+ yrs	89	0.4
	Total	20,554	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 28/07/2021 up to midnight on 10/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		20,554	100	
Symptom status at time of test*	Yes	14,355	69.8	80.8
	No	3,404	16.6	19.2
	Unknown	2,795	13.6	
	Total cases where known	17,759		
Healthcare worker	Yes	643	3.1	3.6
	No	17,334	84.3	96.4
	Unknown	2577	12.5	
	Total cases where known	17,977		

*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.

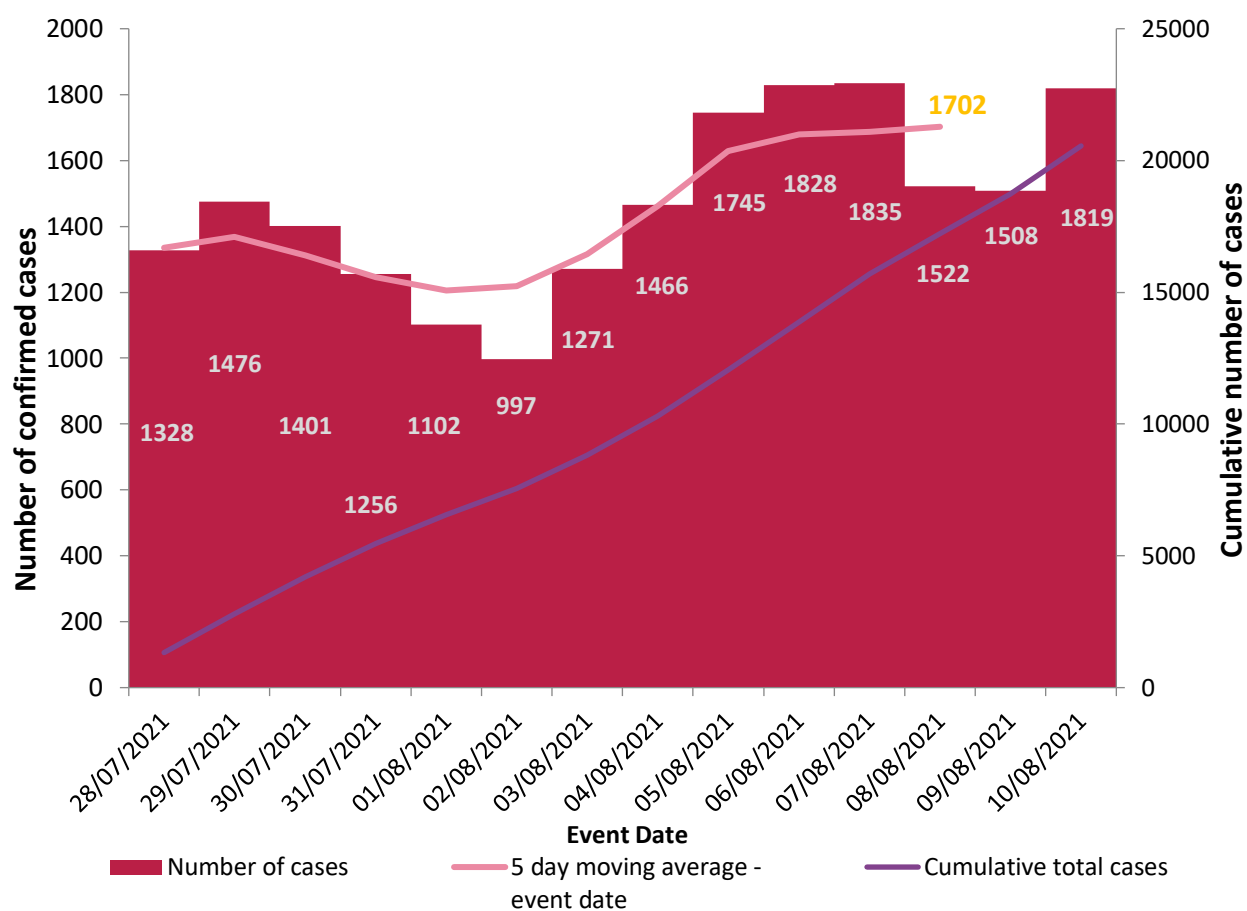


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=20554)

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

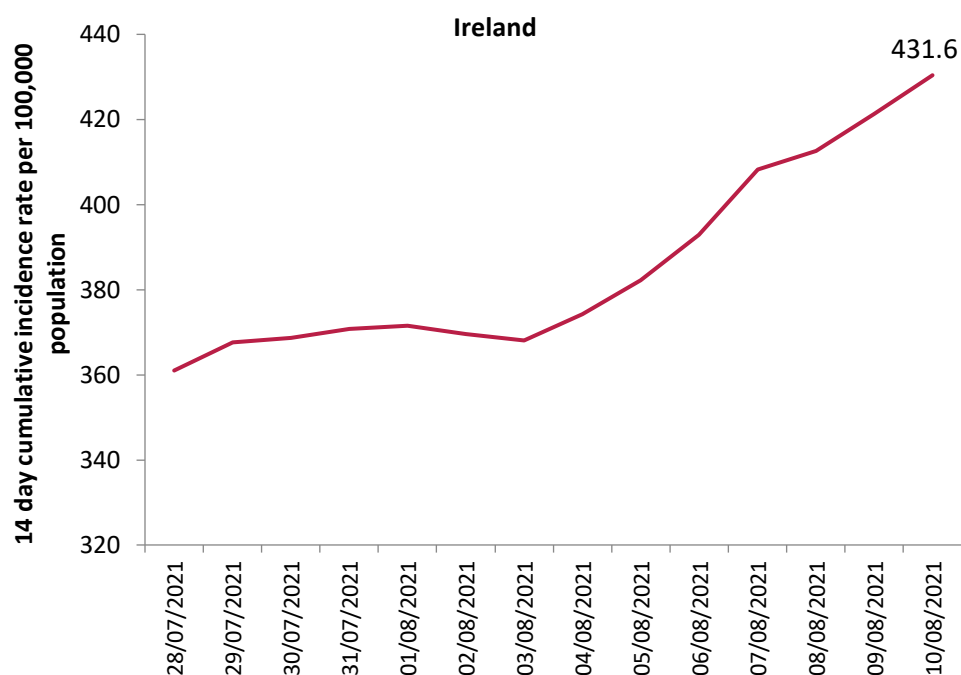


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 28/07/2021 up to midnight on 10/08/2021

*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 28/07 to midnight on 10/08/2021 7 day numbers are reported from 04/08/2021 up to midnight on 10/08/2021

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 (06/08/2021 - 10/08/2021)
Donegal	843	529.5	1412	887.0	59.70	124
Monaghan	321	522.9	449	731.4	71.49	48
Mayo	507	388.5	878	672.8	57.74	80
Cavan	283	371.5	435	571.0	65.06	46
Roscommon	220	340.9	340	526.8	64.71	36
Galway	841	325.9	1566	606.8	53.70	119
Sligo	205	312.8	344	524.9	59.59	32
Louth	389	301.8	769	596.7	50.59	56
Dublin	3,581	265.8	6412	475.9	55.85	507
Longford	97	237.3	143	349.9	67.83	14
Meath	432	221.5	775	397.3	55.74	60
Wicklow	305	214.1	550	386.2	55.45	43
Offaly	166	212.9	223	286.0	74.44	23
Leitrim	68	212.2	118	368.2	57.63	9
Limerick	400	205.2	771	395.6	51.88	59
Kerry	301	203.8	605	409.6	49.75	44
Wexford	303	202.4	465	310.6	65.16	44
Carlow	109	191.5	155	272.3	70.32	15
Laois	155	183.0	296	349.5	52.36	23
Westmeath	161	181.4	287	323.3	56.10	25
Cork	896	165.0	1614	297.3	55.51	126
Tipperary	262	164.2	447	280.2	58.61	38
Kildare	359	161.3	624	280.4	57.53	52
Waterford	186	160.1	274	235.8	67.88	29
Clare	171	143.9	302	254.2	56.62	23
Kilkenny	126	127.0	239	240.8	52.72	20
Unknown/Other*	36		61			
Total	11,723	246.2	20,554	431.6	57.04	1702

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 28/07/2021 up to midnight on 10/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	822	4.0
Close contact with a known confirmed case	9,732	47.3
Healthcare setting acquired: patient	78	0.4
Healthcare setting acquired: staff	63	0.3
Community transmission	6,453	31.4
Under investigation	3,406	16.6
Total cases with known most likely transmission source	17,148	83.4
Total	20,554	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 28/07/2021 up to midnight on 10/08/2021

Date	Number of confirmed cases
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
10/08/2021	1819
Total	20,554

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 (28/07/2021 to 10/08/2021)

