

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

Report prepared by HPSC on 23/08/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 09/08/2021 up to midnight on 22/08/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	24,957	
National incidence of confirmed cases per 100,000 population	524.1	
Number of cases in healthcare workers	921	3.7
Males	12,498	50.1
Females	12,413	49.7
M:F ratio	1.0	
Median age (years)	25	
Mean age (years)	30	
Age range (years)	0-102	

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 09/08/2021 up to midnight on 22/08/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		24,957	100
Sex	Male	12,498	50.1
	Female	12,413	49.7
	Unknown	46	0.2
Age	Median age (years)	25	
	Mean age (years)	30	
	Age range (years)	0-102	
	0-4 yrs	1217	4.9
	5-12 yrs	2651	10.6
	13-18 yrs	4174	16.7
	19-24 yrs	4235	17.0
	25-34 yrs	4248	17.0
	35-44 yrs	2937	11.8
	45-54 yrs	2466	9.9
	55-64 yrs	1606	6.4
	65-74 yrs	780	3.1
	75-84 yrs	422	1.7
	85+ yrs	221	0.9
	Total	24,957	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 09/08/2021 up to midnight on 22/08/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		24,957	100	
Symptom status at time of test*	Yes	17,219	69.0	80.4
	No	4,186	16.8	19.6
	Unknown	3,552	14.2	
	Total cases where known	21,405		
Healthcare worker	Yes	921	3.7	4.2
	No	20,806	83.4	95.8
	Unknown	3230	12.9	
	Total cases where known	21,727		

*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.

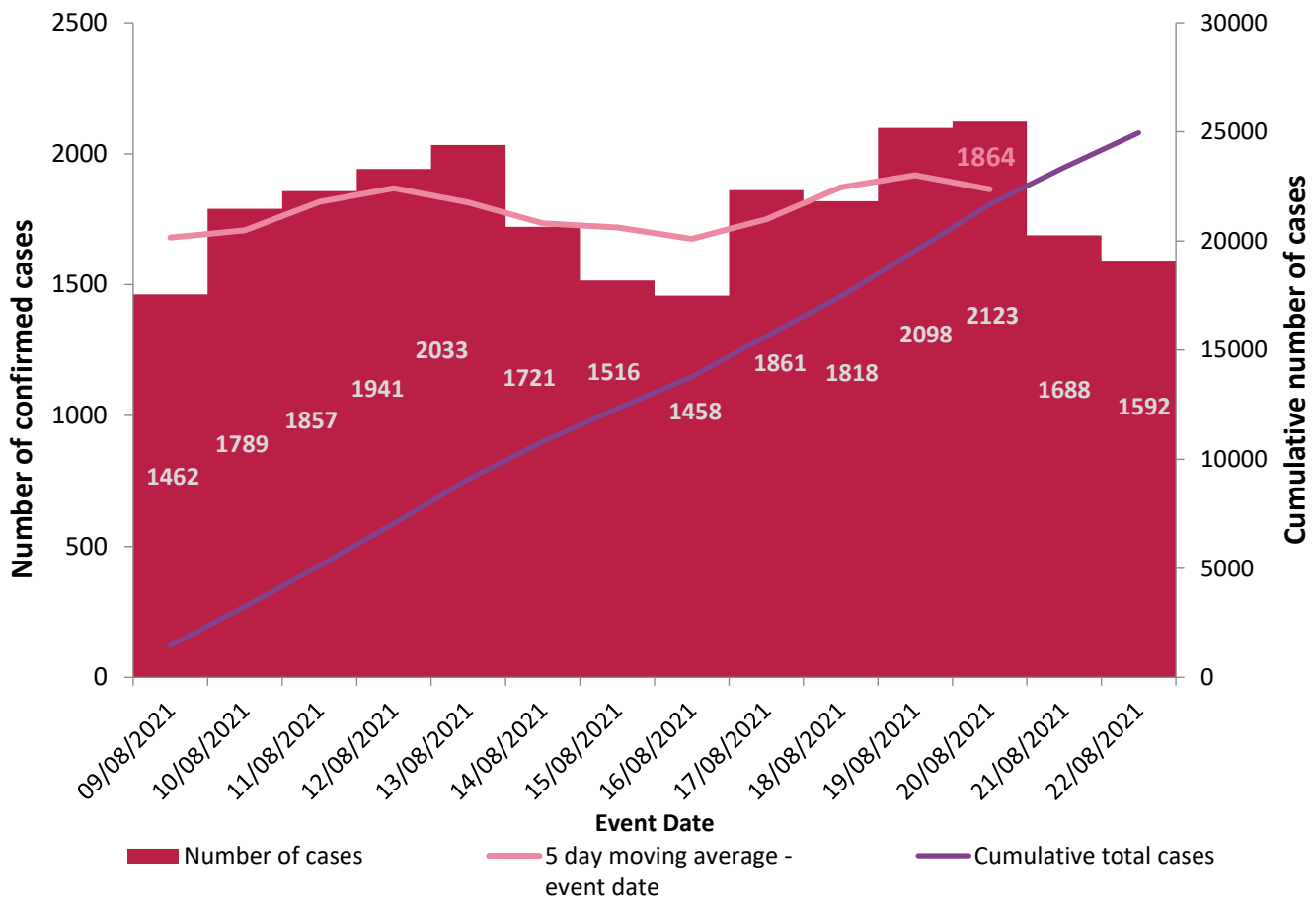


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=24957)

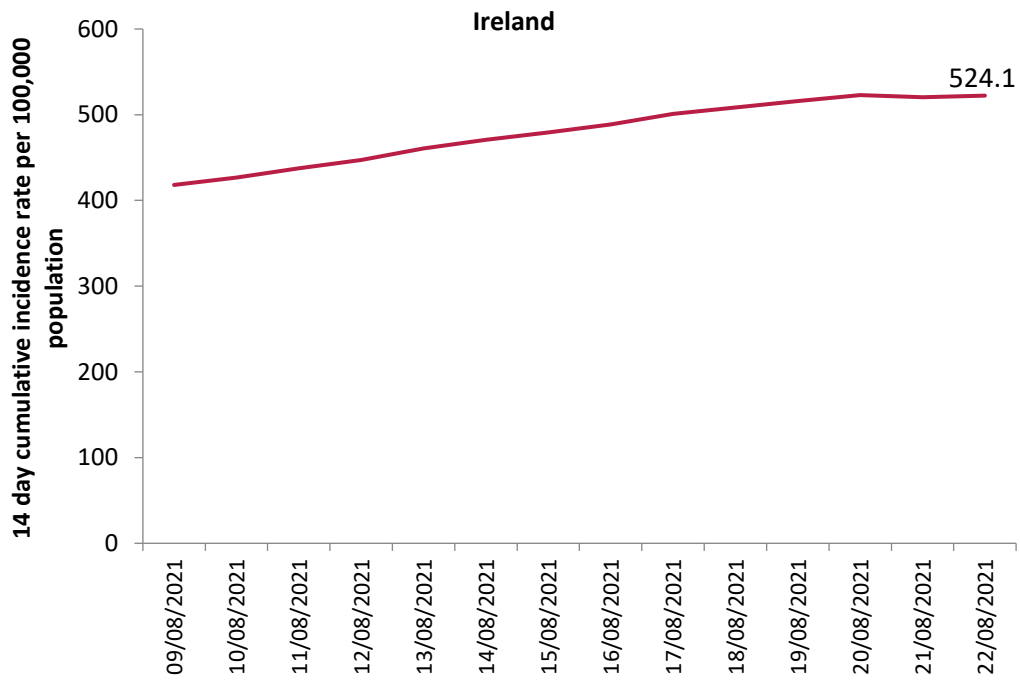


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 09/08/2021 up to midnight on 22/08/2021

*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 09/08/2021 up to midnight on 22/08/2021 7 day numbers are reported from 16/08/2021 up to midnight on 22/08/2021

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 (18/08/2021 - 22/08/2021)
Monaghan	457	744.5	904	1472.6	50.55	68
Donegal	929	583.6	1793	1126.3	51.81	142
Cavan	440	577.6	873	1146.0	50.40	64
Roscommon	215	333.1	485	751.4	44.33	27
Tipperary	528	330.9	845	529.6	62.49	81
Mayo	409	313.4	840	643.6	48.69	63
Limerick	551	282.7	1076	552.1	51.21	79
Kerry	409	276.9	797	539.6	51.32	61
Dublin	3505	260.1	6925	514.0	50.61	504
Louth	334	259.1	735	570.3	45.44	46
Waterford	299	257.4	515	443.3	58.06	46
Galway	661	256.1	1488	576.6	44.42	98
Meath	495	253.8	964	494.2	51.35	76
Westmeath	222	250.1	477	537.3	46.54	33
Sligo	163	248.7	355	541.7	45.92	23
Laois	205	242.0	355	419.1	57.75	31
Longford	97	237.3	154	376.8	62.99	17
Carlow	128	224.8	265	465.5	48.30	19
Offaly	169	216.8	343	440.0	49.27	29
Wicklow	306	214.8	575	403.7	53.22	45
Kildare	457	205.4	890	400.0	51.35	66
Leitrim	65	202.8	117	365.1	55.56	11
Cork	985	181.4	1938	357.0	50.83	151
Wexford	260	173.7	549	366.7	47.36	40
Kilkenny	137	138.1	280	282.2	48.93	19
Clare	159	133.8	339	285.3	46.90	20
Unknown/Other	53		80			
Total	12,638	265.4	24,957	524.1	50.64	1864

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 09/08/2021 up to midnight on 22/08/2021

Most likely transmission source	Number of cases	Percent
Travel related	911	3.7
Close contact with a known confirmed case	11,429	45.8
Healthcare setting acquired: patient	110	0.4
Healthcare setting acquired: staff	113	0.5
Community transmission	7,507	30.1
Under investigation	4,887	19.6
Total cases with known most likely transmission source	20,070	80.4
Total	24,957	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 09/08/2021 up to midnight on 22/08/2021

Date	Number of confirmed cases
09/08/2021	1462
10/08/2021	1789
11/08/2021	1857
12/08/2021	1941
13/08/2021	2033
14/08/2021	1721
15/08/2021	1516
16/08/2021	1458
17/08/2021	1861
18/08/2021	1818
19/08/2021	2098
20/08/2021	2123
21/08/2021	1688
22/08/2021	1592
Total	24,957

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 (09/08/2021 to 22/08/2021)



