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Epidemiology of COVID-19 in Ireland - HPSC interim 14 day report on cases uploaded to the COVID Care Tracker Report prepared by HSPC on 12/07/21

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

Report prepared by HPSC on 12/07/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from 28/06/2021 up to midnight on 11/07/2021

	Number	Percent
Total number of confirmed cases on COVID CCT	6,932	
National incidence of confirmed cases per 100,000 population	145.6	
Number of cases in healthcare workers	179	2.6
Males	3,499	50.5
Females	3,427	49.4
M:F ratio	1.0	
Median age (years)	24	
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 28/06/2021 up to midnight on 11/07/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		6,932	100
Sex	Male	3,499	50.5
	Female	3,427	49.4
	Unknown	6	0.1
Age	Median age (years)	24	
	Mean age (years)	27	
	Age range (years)	0-94	
	0-4 yrs	326	4.7
	5-12 yrs	779	11.2
	13-18 yrs	958	13.8
	19-24 yrs	1622	23.4
	25-34 yrs	1371	19.8
	35-44 yrs	935	13.5
	45-54 yrs	489	7.1
	55-64 yrs	283	4.1
	65-74 yrs	119	1.7
	75-84 yrs	36	0.5
	85+ yrs	14	0.2
	Total	6,932	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from 28/06/2021 up to midnight on 11/07/2021

Characteristic		Number of cases	Percent	Percent where known
Total number of confirmed cases		6,932	100	
Symptom status at time of test*	Yes	4,923	71.0	79.4
	No	1,278	18.4	20.6
	Unknown	731	10.5	
	Total cases where known	6,201		
Healthcare worker	Yes	179	2.6	2.8
	No	6,114	88.2	97.2
	Unknown	639	9.2	
	Total cases where known	6,293		

*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.

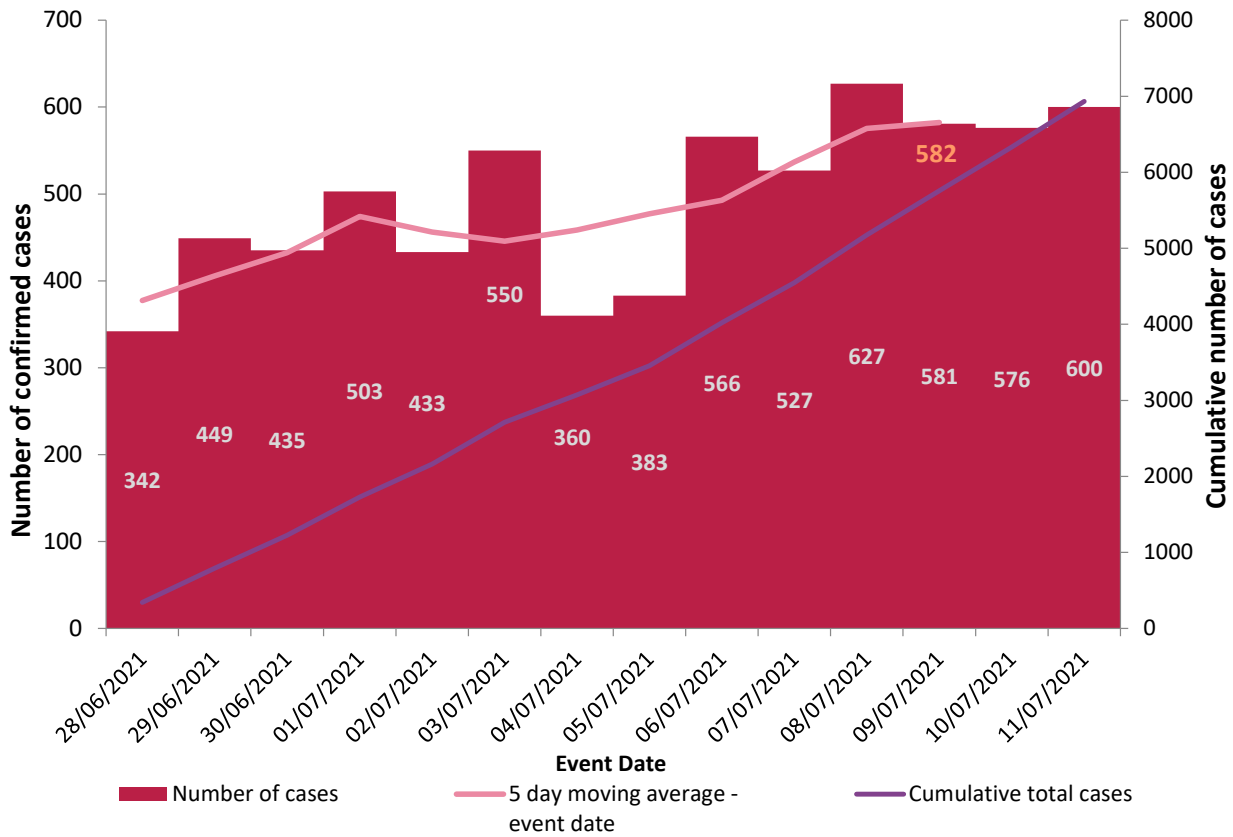


Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=6932)

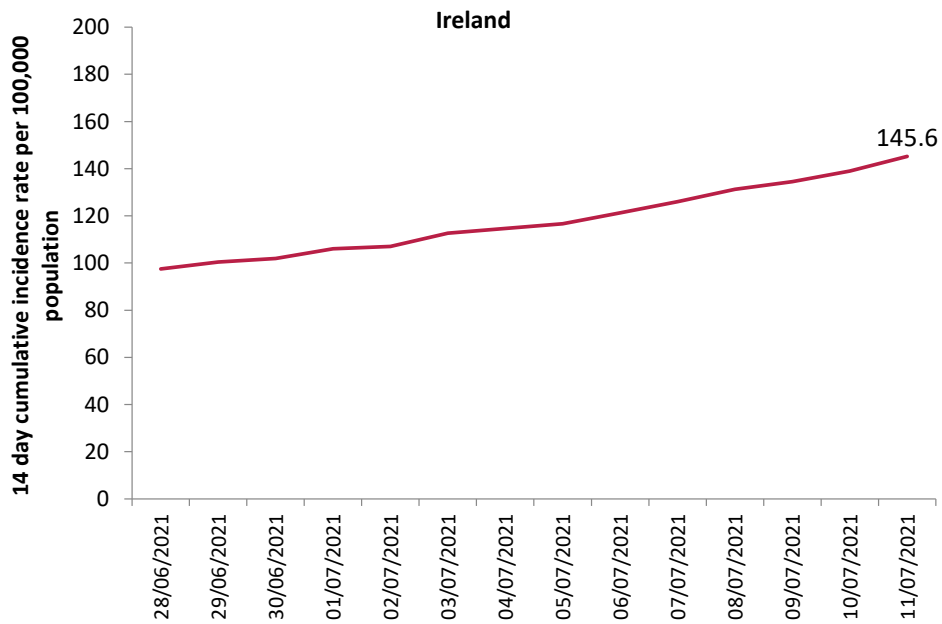


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from 28/06/2021 up to midnight on 11/07/2021

*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 28/06/2021 up to midnight on 11/07/2021 7 day numbers are reported from 05/07/2021 up to midnight on 11/07/2021

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 (07/07/2021 - 11/07/2021)
Donegal	364	228.7	710	446.0	51.27	57
Louth	177	137.3	262	203.3	67.56	31
Limerick	250	128.3	391	200.6	63.94	38
Sligo	74	112.9	146	222.8	50.68	9
Dublin	1,385	102.8	2641	196.0	52.44	207
Meath	175	89.7	306	156.9	57.19	23
Kildare	195	87.6	302	135.7	64.57	29
Roscommon	51	79.0	116	179.7	43.97	8
Mayo	101	77.4	151	115.7	66.89	16
Westmeath	60	67.6	113	127.3	53.10	10
Monaghan	41	66.8	61	99.4	67.21	7
Kerry	97	65.7	154	104.3	62.99	16
Laois	51	60.2	95	112.2	53.68	8
Leitrim	19	59.3	24	74.9	79.17	3
Galway	145	56.2	235	91.1	61.70	23
Wexford	79	52.8	128	85.5	61.72	10
Offaly	41	52.6	73	93.6	56.16	6
Wicklow	74	52.0	133	93.4	55.64	11
Carlow	27	47.4	37	65.0	72.97	5
Cavan	36	47.3	75	98.5	48.00	6
Waterford	50	43.0	158	136.0	31.65	7
Kilkenny	40	40.3	63	63.5	63.49	3
Cork	210	38.7	318	58.6	66.04	33
Clare	45	37.9	107	90.1	42.06	7
Longford	13	31.8	28	68.5	46.43	2
Tipperary	44	27.6	86	53.9	51.16	7
Unknown	16		19			
Total	3,860	81.1	6,932	145.6		582

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from 28/06/2021 up to midnight on 11/07/2021

Most likely transmission source	Number of cases	Percent
Travel related	574	8.3
Close contact with a known confirmed case	3,943	56.9
Healthcare setting acquired: patient	16	0.2
Healthcare setting acquired: staff	10	0.1
Community transmission	1,677	24.2
Under investigation	712	10.3
Total cases with known most likely transmission source	6,220	89.7
Total	6,932	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 28/06/2021 up to midnight on 11/07/2021

Date	Number of confirmed cases
28/06/2021	342
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
Total	6,932

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 (28/06/2021 to 11/07/2021)

