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

Report prepared by HPSC on   10/06/2021

Summary characteristics of confirmed COVID-19 cases uploaded to the COVID Care Tracker (CCT) from (27/05/2021 up to midnight on 09/06/2021)

	Number	Percent
Total number of confirmed cases on COVID CCT	5,370	
National incidence of confirmed cases per 100,000 population	112.8	
Number of cases in healthcare workers	139	2.6
Males	2,691	50.1
Females	2,663	49.6
M:F ratio	1.0	
Median age (years)	25	
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 (27/05/2021 up to midnight on 09/06/2021)

Characteristic		Number of cases	Percent
Total number of confirmed cases		5,370	**100**
Sex	Male	2,691	50.1
	Female	2,663	49.6
	Unknown	16	0.3
Age	Median age (years)	25	
	Mean age (years)	28	
	Age range (years)	0 - 100	
	0-4 yrs	325	6.1
	5-12 yrs	873	16.3
	13-18 yrs	531	9.9
	19-24 yrs	930	17.3
	25-34 yrs	800	14.9
	35-44 yrs	944	17.6
	45-54 yrs	608	11.3
	55-64 yrs	250	4.7
	65-74 yrs	74	1.4
	75-84 yrs	19	0.4
	85+ yrs	16	0.3
	Total	5,370	

Table 2: Characteristics of confirmed COVID-19 cases in Ireland uploaded to the COVID Care Tracker from (27/05/2021 up to midnight on 09/06/2021)

Characteristic		Number of cases	Percent	Percent where known
Total number of cases		**5,370**	**100**	
Symptom status at time of test*	Yes	3,250	60.5	67.4
	No	1,573	29.3	32.6
	Unknown	547	10.2	
	Total cases where known	**4,823**		
Healthcare worker	Yes	139	2.6	2.8
	No	4,900	91.2	97.2
	Unknown	331	6.2	
	Total cases where known	**5,039**		

*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.
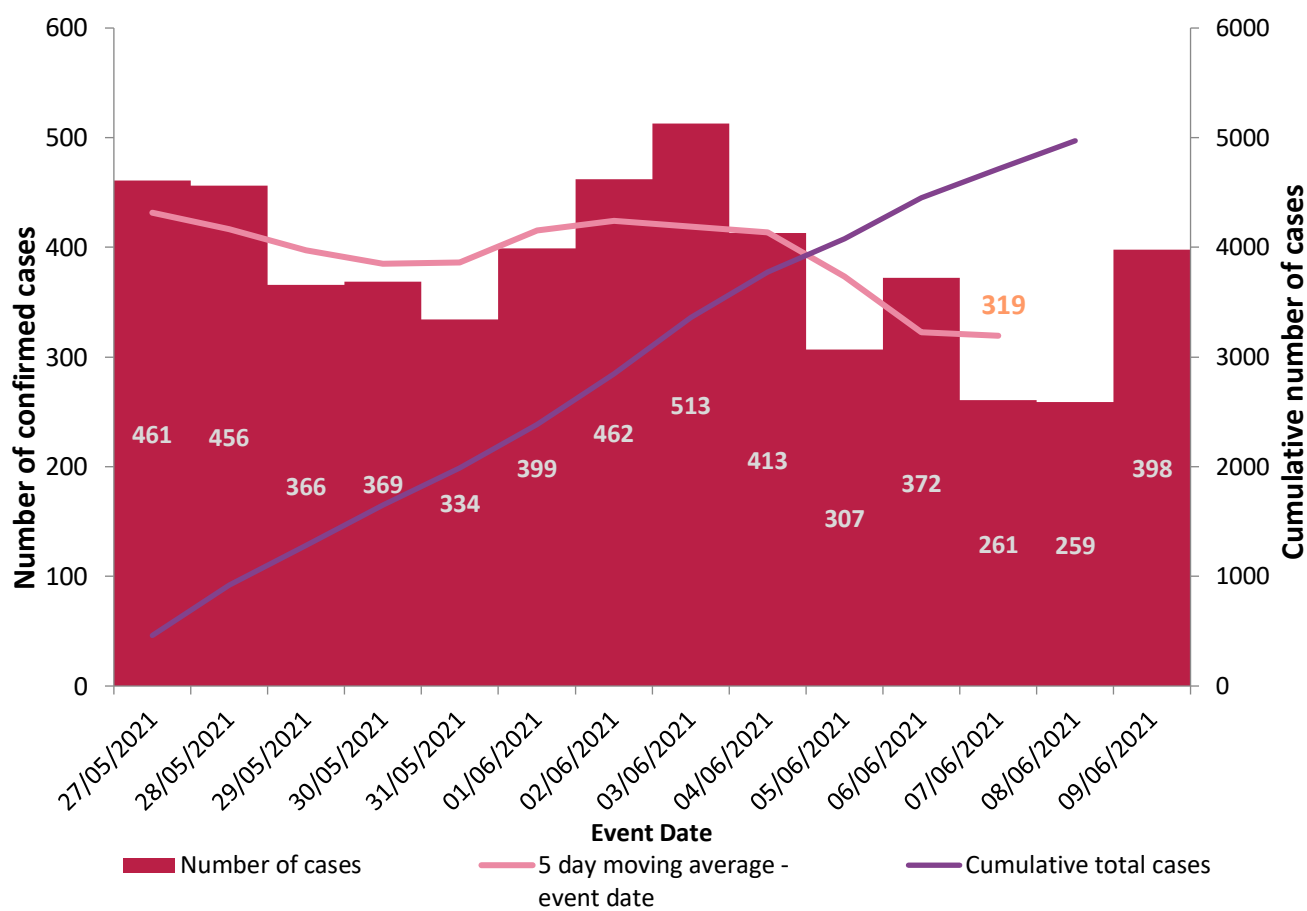
Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by date uploaded to the COVID Care Tracker (n=5370)
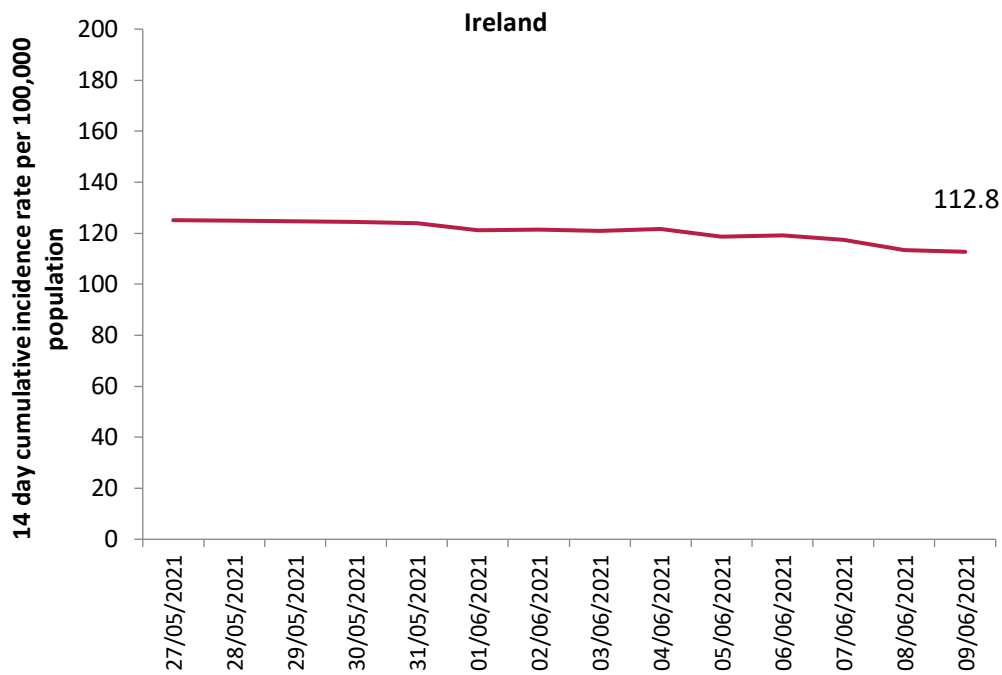
Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland from (27/05/2021 up to midnight on 09/06/2021)

*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 (27/05/2021 up to midnight on 09/06/2021)

County	Number of confirmed cases	Incidence per 100,000 population	5 day moving average of confirmed cases (05/06/2021 - 09/06/2021)
Limerick	890	456.6	60
Donegal	275	172.7	18
Westmeath	126	141.9	9
Carlow	77	135.2	6
Dublin	1,750	129.9	87
Waterford	140	120.5	12
Cavan	87	114.2	5
Wexford	165	110.2	10
Louth	137	106.3	9
Laois	86	101.5	5
Kildare	209	93.9	8
Cork	474	87.3	33
Offaly	65	83.4	3
Tipperary	128	80.2	11
Wicklow	112	78.6	8
Mayo	101	77.4	4
Clare	91	76.6	4
Meath	147	75.4	10
Roscommon	48	74.4	3
Galway	137	53.1	9
Longford	17	41.6	0
Kerry	55	37.2	5
Kilkenny	27	27.2	2
Leitrim	7	21.8	0
Monaghan	12	19.5	1
Sligo	5	7.6	0
Unknown	2		
Total	**5,370**	**112.8**	**319**

Table 4: Number of confirmed COVID-19 cases by most likely transmission source uploaded to the COVID Care Tracker from (27/05/2021 up to midnight on 09/06/2021)

Most likely transmission source	Number of cases	Percent
Travel related	176	3.3
Close contact with a known confirmed case	3731	69.5
Healthcare setting acquired: patient	10	0.2
Healthcare setting acquired: staff	8	0.1
Community transmission	1065	19.8
Under investigation	380	7.1
Total cases with known most likely transmission source	**4,990**	92.9
Total	**5,370**	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 (27/05/2021 up to midnight on 09/06/2021)

Date	Number of confirmed cases
27/05/2021	461
28/05/2021	456
29/05/2021	366
30/05/2021	369
31/05/2021	334
01/06/2021	399
02/06/2021	462
03/06/2021	513
04/06/2021	413
05/06/2021	307
06/06/2021	372
07/06/2021	261
08/06/2021	259
09/06/2021	398
Total	**5,370**

Acknowledgements

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 (27/05/2021 to 09/06/2021)

Galway

53.1

Kerry

37.2

Kildare

93.9

Kilkenny

27.2

Laois

101.5

Leitrim

21.8

Limerick

456.6

Longford

41.6

Louth

106.3

Mayo

77.4

Meath

75.4

Monaghan

19.5

Offaly

83.4

Roscommon

74.4

Sligo

7.6

Tipperary

80.2

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Waterford — 120.5

Westmeath — 141.9

Wexford — 110.2

Wicklow — 78.6