



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 26/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 12/10/2021 up to midnight on 25/10/2021

	Number	Percent
Total number of confirmed cases	27,958	
National incidence of confirmed cases per 100,000 population	587.1	
Number of cases hospitalised*	445	1.59
Number of cases admitted to ICU*	27	0.10
Males	13,728	49.1
Females	14,200	50.8
M:F ratio	0.97	
Median age (years)	36	
Mean age (years)	36	
Age range (years)	0-101	

Note: This report will not include data on enhanced surveillance information such as most likely source of transmission and travel. These will now be reported on a weekly basis.

* The number of cases hospitalised and admitted to ICU described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 26/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

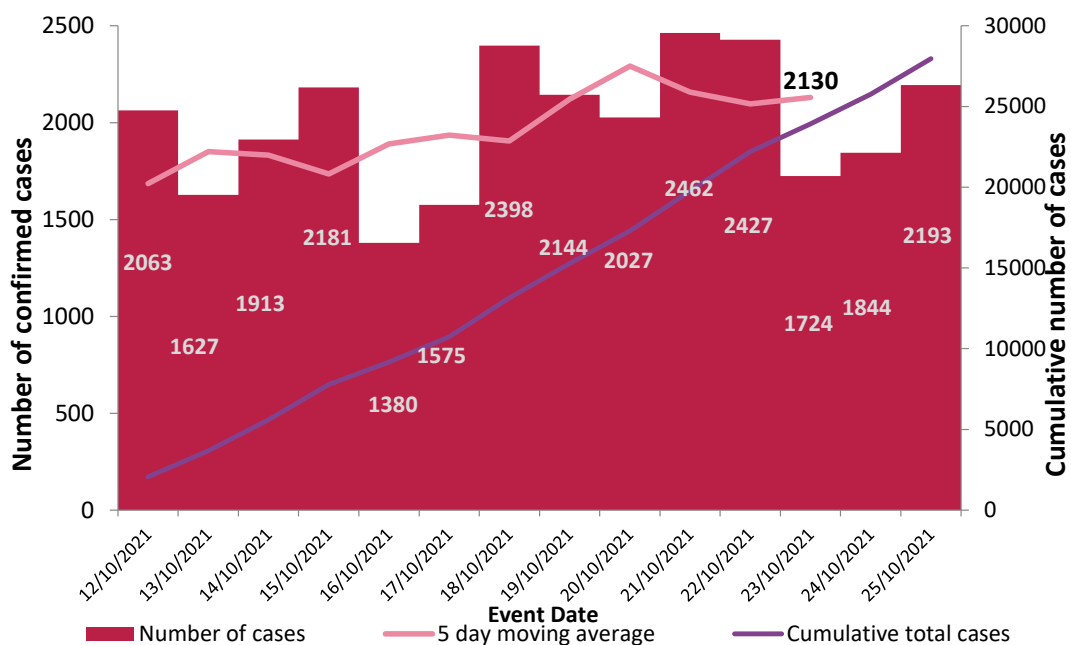


Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=27958)

*Notifications of COVID-19 cases on CIDR may not correspond to the date of laboratory diagnosis. Notifications may be reduced at weekends. Cases diagnosed at weekends may be reflected in notifications early the following week

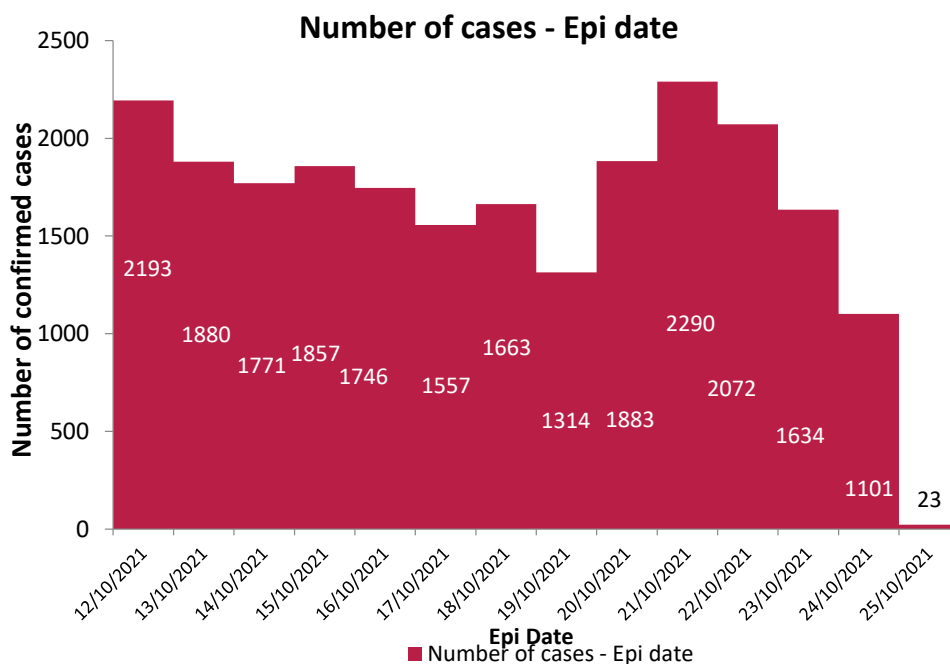


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*Epidemiological date is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR.

Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 12/10/2021 up to midnight on 25/10/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		27,958	100
Sex	Male	13,728	49.1
	Female	14,200	50.8
	Unknown	30	0.1
Age	Median age (years)	36	
	Mean age (years)	36	
	Age range (years)	0-101	
	0-4 yrs	1373	4.9
	5-12 yrs	4393	15.7
	13-18 yrs	1463	5.2
	19-24 yrs	2255	8.1
	25-34 yrs	3688	13.2
	35-44 yrs	4783	17.1
	45-54 yrs	3650	13.1
	55-64 yrs	2910	10.4
	65-74 yrs	2189	7.8
	75-84 yrs	924	3.3
	85+ yrs	329	1.2
	Unknown	1	
	Total	27,958	

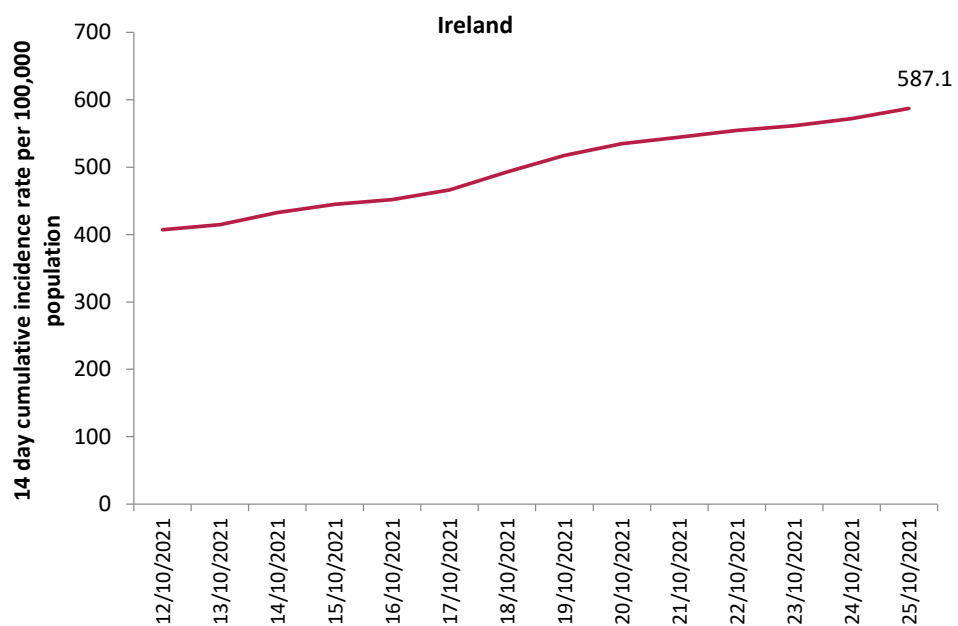


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 12/10/2021 up to midnight on 25/10/2021

*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 2: Number of confirmed COVID-19 cases by county notified in Ireland from 12/10/2021 up to midnight on 25/10/2021, 7 day numbers are reported from 19/10/2021 up to midnight on 25/10/2021

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 (21/10/2021 - 25/10/2021)
Carlow	376	660.4	606	1064.4	62.05	53
Kerry	872	590.4	1551	1050.1	56.22	132
Longford	239	584.7	472	1154.8	50.64	31
Waterford	666	573.3	1360	1170.6	48.97	102
Louth	527	408.9	913	708.4	57.72	82
Clare	475	399.8	850	715.4	55.88	67
Laois	304	358.9	603	711.9	50.41	41
Limerick	697	357.6	1307	670.6	53.33	108
Leitrim	108	337.0	213	664.7	50.70	16
Donegal	501	314.7	1025	643.9	48.88	74
Westmeath	277	312.0	575	647.7	48.17	34
Meath	604	309.7	1160	594.7	52.07	83
Cavan	235	308.5	450	590.7	52.22	35
Roscommon	197	305.2	400	619.7	49.25	28
Cork	1,626	299.5	2951	543.6	55.10	249
Dublin	3,782	280.7	7253	538.3	52.14	514
Galway	714	276.7	1274	493.7	56.04	104
Kilkenny	274	276.1	493	496.8	55.58	38
Offaly	214	274.5	359	460.5	59.61	29
Tipperary	409	256.3	756	473.8	54.10	61
Monaghan	155	252.5	317	516.4	48.90	18
Kildare	554	249.0	1092	490.8	50.73	77
Sligo	156	238.0	289	441.0	53.98	25
Wicklow	307	215.6	611	429.0	50.25	47
Wexford	296	197.7	579	386.7	51.12	48
Mayo	256	196.2	499	382.4	51.30	37
Unknown/Other						
Total	14,821	311.2	27958	587.1	53.01	2130

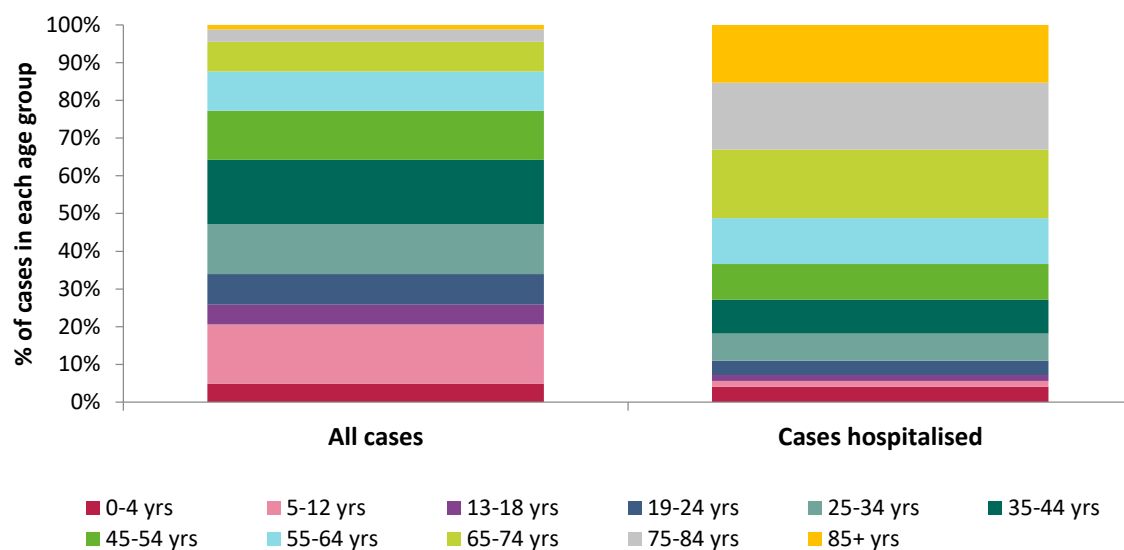


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 12/10/2021 up to midnight on 25/10/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 12/10/2021 up to midnight on 25/10/2021, by age group, hospitalisation and ICU admission*

Age Group (years)	Number of cases (n)	Number of cases (%)	Cases hospitalised (n)	Cases hospitalised (%)	Cases admitted to ICU (n)	Cases admitted to ICU (%)
0-4 yrs	1373	4.9	18	4.0	0	0.0
5-12 yrs	4393	15.7	7	1.6	0	0.0
13-18 yrs	1463	5.2	7	1.6	0	0.0
19-24 yrs	2255	8.1	17	3.8	0	0.0
25-34 yrs	3688	13.2	32	7.2	<5	-
35-44 yrs	4783	17.1	40	9.0	5	-
45-54 yrs	3650	13.1	42	9.4	<5	18.5
55-64 yrs	2910	10.4	54	12.1	6	22.2
65-74 yrs	2189	7.8	81	18.2	6	22.2
75-84 yrs	924	3.3	79	17.8	<5	-
85+ yrs	329	1.2	68	15.3	<5	-
Unknown	1	0.0	0	0.0	0	0.0
Total	27958	100	445	100	27	100

* The number of cases hospitalised and admitted to ICU described in the above table and figure relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

Table 4: Daily number of confirmed COVID-19 cases notified in Ireland from 12/10/2021 up to midnight on 25/10/2021

Date	Number of confirmed cases
12/10/2021	2063
13/10/2021	1627
14/10/2021	1913
15/10/2021	2181
16/10/2021	1380
17/10/2021	1575
18/10/2021	2398
19/10/2021	2144
20/10/2021	2027
21/10/2021	2462
22/10/2021	2427
23/10/2021	1724
24/10/2021	1844
25/10/2021	2193
Total	27,958

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 statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

2. 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.

3. Epidemiological date

The epi-date is the epidemiological date for a case. It is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR. By using this date rather than event creation/ notification date, adjusts for any delays in testing/notification.

Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (12/10/2021 to 25/10/2021)

