Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on   20/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 06/10/2021 up to midnight on 19/10/2021

	Number	Percent
Total number of confirmed cases	24,641	
National incidence of confirmed cases per 100,000 population	517.5	
Number of cases hospitalised*	536	2.18
Number of cases admitted to ICU*	28	0.11
Males	12,039	48.9
Females	12,555	51.0
M:F ratio	0.96	
Median age (years)	36	
Mean age (years)	37	
Age range (years)	0-100	

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 20/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
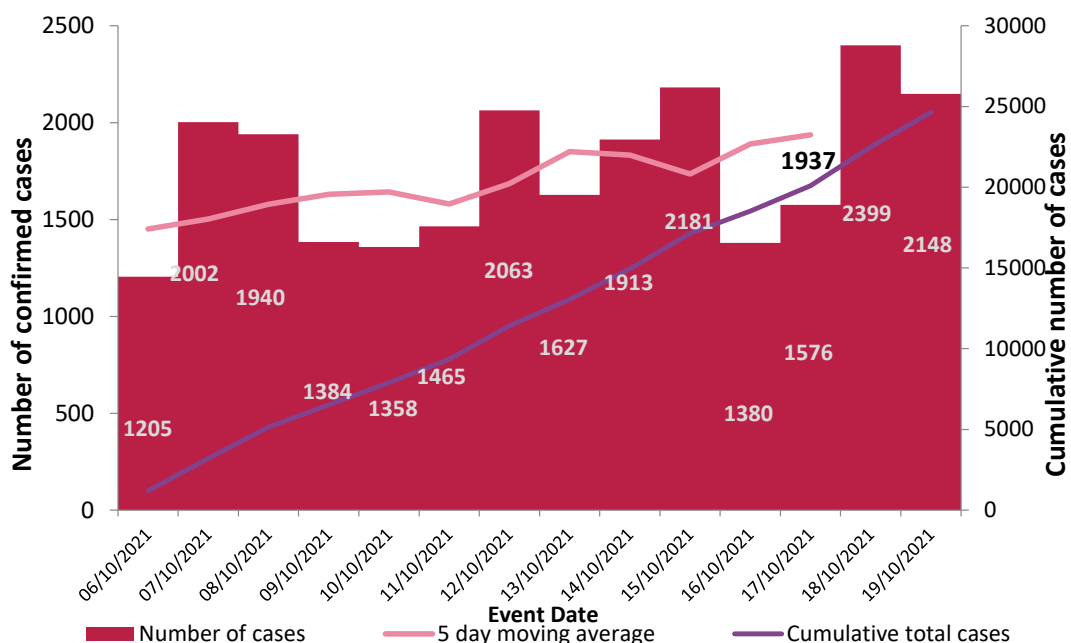
Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=24641)

*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
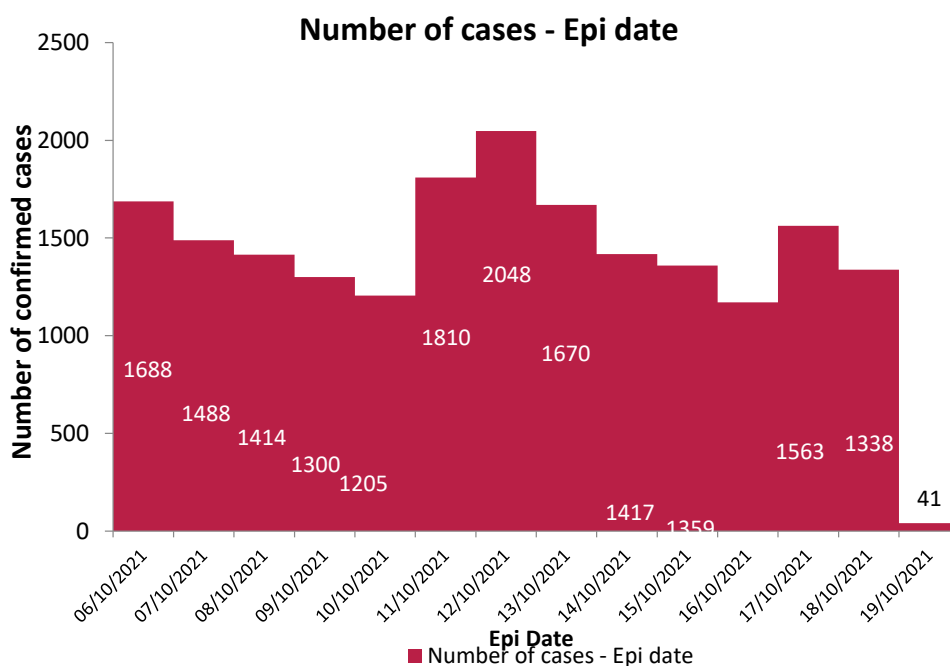

Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 06/10/2021 up to midnight on 19/10/2021

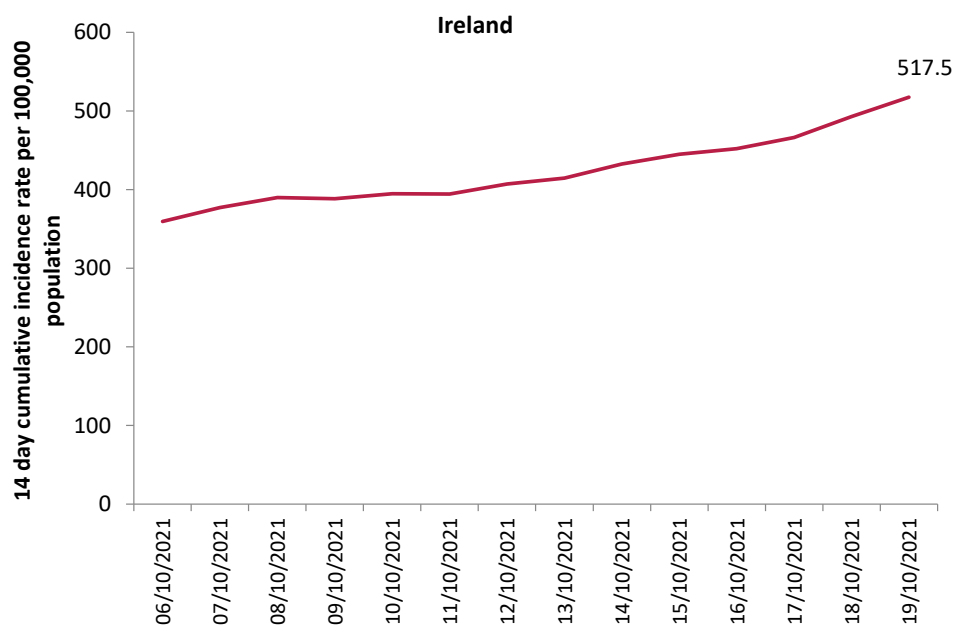| Characteristic		Number of cases	Percent
Total number of confirmed cases		24,641	**100**
Sex	Male	12,039	48.9
	Female	12,555	51.0
	Unknown	47	0.2
Age	Median age (years)	36	
	Mean age (years)	37	
	Age range (years)	0-100	
	0-4 yrs	1177	4.8
	5-12 yrs	3608	14.6
	13-18 yrs	1440	5.8
	19-24 yrs	2207	9.0
	25-34 yrs	3306	13.4
	35-44 yrs	4088	16.6
	45-54 yrs	3131	12.7
	55-64 yrs	2580	10.5
	65-74 yrs	1871	7.6
	75-84 yrs	843	3.4
	85+ yrs	387	1.6
	Unknown	3	
	Total	24,641	

Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 06/10/2021 up to midnight on 19/10/2021

*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 06/10/2021 up to midnight on 19/10/2021, 7 day numbers are reported from 13/10/2021 up to midnight on 19/10/2021

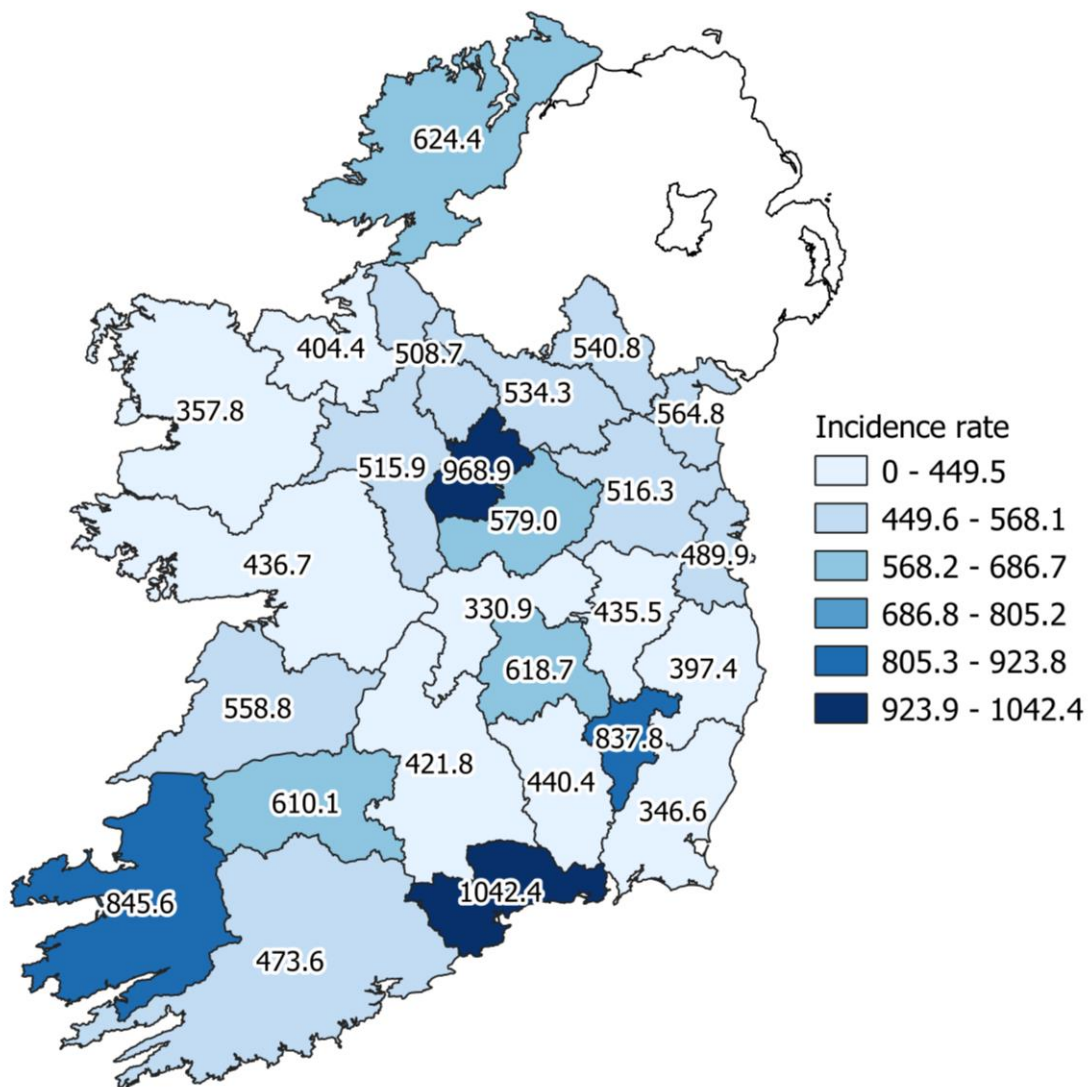| County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (15/10/2021 - 19/10/2021)
Longford	246	601.9	396	968.9	62.12	32
Waterford	681	586.2	1211	1042.4	56.23	103
Kerry	709	480.0	1249	845.6	56.77	99
Carlow	254	446.1	477	837.8	53.25	40
Clare	433	364.4	664	558.8	65.21	61
Westmeath	317	357.1	514	579.0	61.67	49
Limerick	675	346.3	1189	610.1	56.77	96
Laois	285	336.5	524	618.7	54.39	47
Roscommon	206	319.2	333	515.9	61.86	31
Meath	584	299.4	1007	516.3	57.99	86
Donegal	476	299.0	994	624.4	47.89	70
Leitrim	95	296.5	163	508.7	58.28	13
Louth	370	287.1	728	564.8	50.82	58
Cavan	215	282.2	407	534.3	52.83	34
Dublin	3,473	257.8	6601	489.9	52.61	502
Monaghan	148	241.1	332	540.8	44.58	22
Cork	1,302	239.8	2571	473.6	50.64	192
Tipperary	379	237.5	673	421.8	56.32	58
Kildare	526	236.4	969	435.5	54.28	70
Kilkenny	232	233.8	437	440.4	53.09	34
Sligo	140	213.6	265	404.4	52.83	19
Galway	547	212.0	1127	436.7	48.54	77
Wicklow	295	207.1	566	397.4	52.12	46
Offaly	148	189.8	258	330.9	57.36	24
Mayo	235	180.1	467	357.8	50.32	33
Wexford	253	169.0	519	346.6	48.75	39
Unknown/Other						
Total	**13,224**	**277.7**	**24641**	**517.5**	**53.67**	**1937**

Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 06/10/2021 up to midnight on 19/10/2021

Please do not directly compare county shades to previous maps. The categories listed will change as the number of cases change, which may result in changes to the map shading.
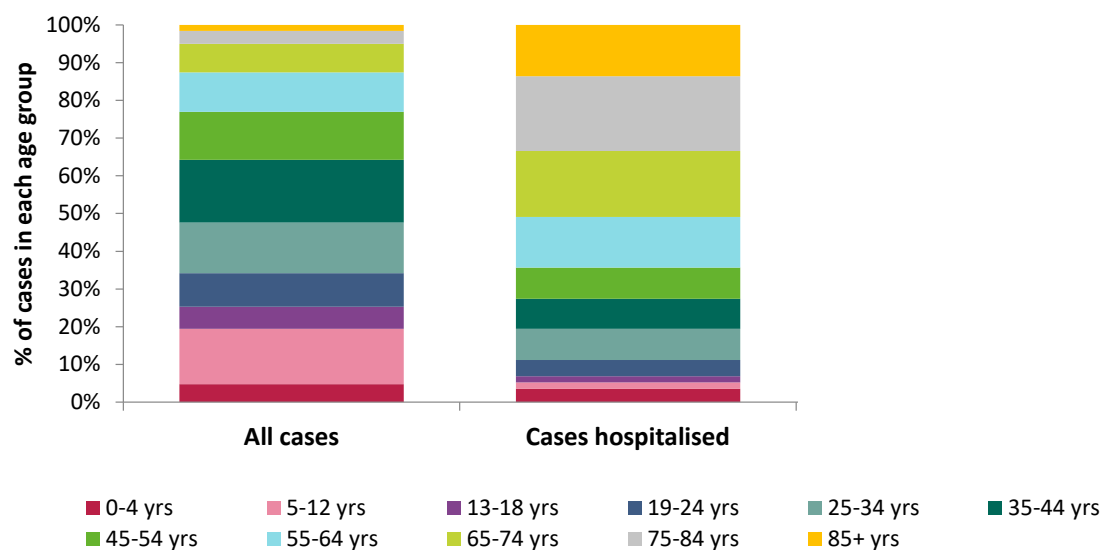
Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 06/10/2021 up to midnight on 19/10/2021,in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 06/10/2021 up to midnight on 19/10/2021,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	1177	4.8	19	3.5	<5	-
5-12 yrs	3608	14.6	9	1.7	<5	-
13-18 yrs	1440	5.8	9	1.7	<5	-
19-24 yrs	2207	9.0	23	4.3	<5	-
25-34 yrs	3306	13.4	44	8.2	<5	-
35-44 yrs	4088	16.6	43	8.0	<5	-
45-54 yrs	3131	12.7	44	8.2	5	17.9
55-64 yrs	2580	10.5	72	13.4	<5	-
65-74 yrs	1871	7.6	94	17.5	6	21.4
75-84 yrs	843	3.4	106	19.8	5	17.9
85+ yrs	387	1.6	73	13.6	<5	-
Unknown	3	0.0	0	0.0	0	0.0
Total	**24641**	**100**	**536**	**100**	**28**	**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 06/10/2021 up to midnight on 19/10/2021

Date	Number of confirmed cases
06/10/2021	1205
07/10/2021	2002
08/10/2021	1940
09/10/2021	1384
10/10/2021	1358
11/10/2021	1465
12/10/2021	2063
13/10/2021	1627
14/10/2021	1913
15/10/2021	2181
16/10/2021	1380
17/10/2021	1576
18/10/2021	2399
19/10/2021	2148
Total	**24,641**

Acknowledgements

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 (06/10/2021 to 19/10/2021)

Carlow — 837.8

Cavan — 534.3

Clare — 558.8

Cork — 473.6

Donegal — 624.4

Dublin — 489.9

Galway

436.7

Kerry

845.6

Kildare

435.5

Kilkenny

440.4

Laois

618.7

Leitrim

508.7

Limerick

610.1

Longford

968.9

Report prepared by Health Protection Surveillance Centre on 20/10/2021

Louth

564.8

Mayo

357.8

Meath

516.3

Monaghan

540.8

Offaly

330.9

Roscommon

515.9

Sligo

404.4

Tipperary

421.8

Waterford — 1042.4

Westmeath — 579

Wexford — 346.6

Wicklow — 397.4