Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on   04/10/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 20/09/2021 up to midnight on 03/10/2021

	Number	Percent
Total number of confirmed cases	18,015	
National incidence of confirmed cases per 100,000 population	378.3	
Number of cases hospitalised*	303	1.68
Number of cases admitted to ICU*	16	0.09
Males	8,873	49.3
Females	9,106	50.5
M:F ratio	0.97	
Median age (years)	31	
Mean age (years)	33	
Age range (years)	0-103	

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 04/10/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
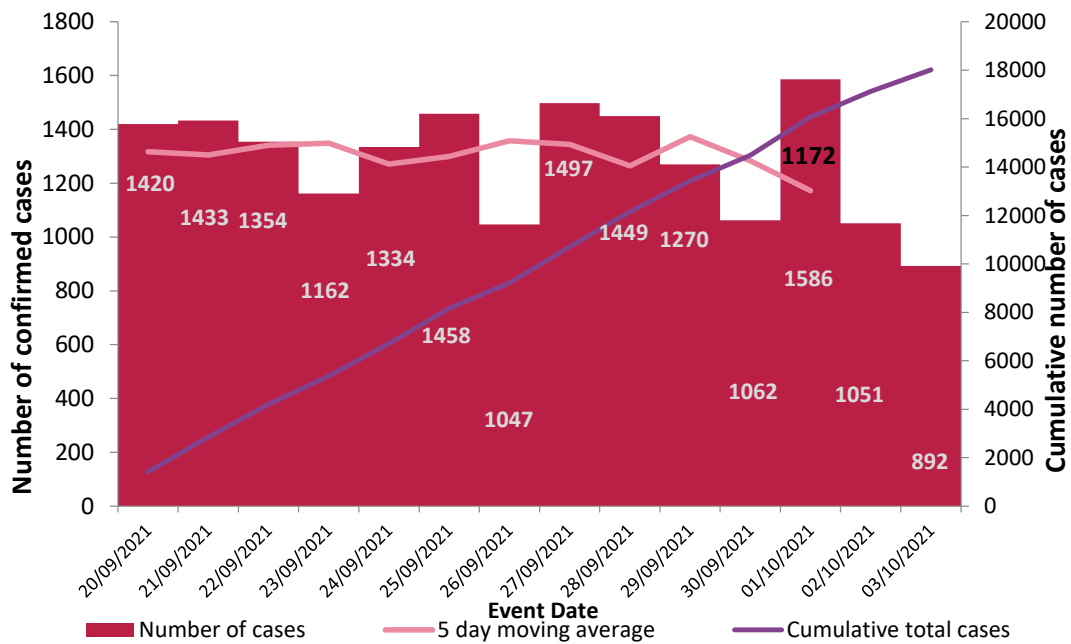
Figure 1a. Daily number* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18015)

*Notifications of COVID-19 cases on CIDR may be reduced at weekends. Cases diagnosed at weekends may be reflected in notifications early the following week.
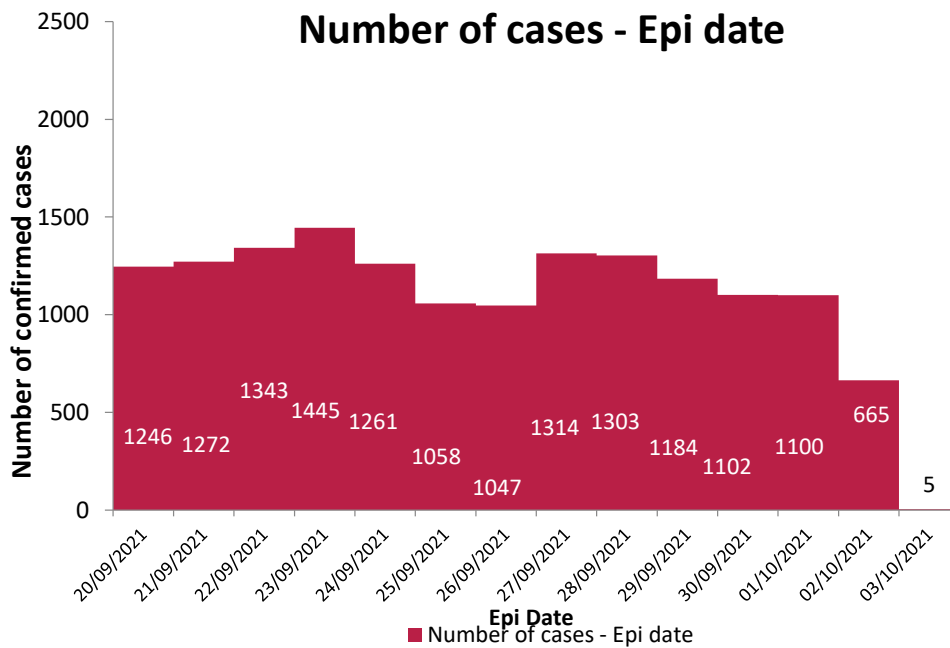

Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

***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 20/09/2021 up to midnight on 03/10/2021

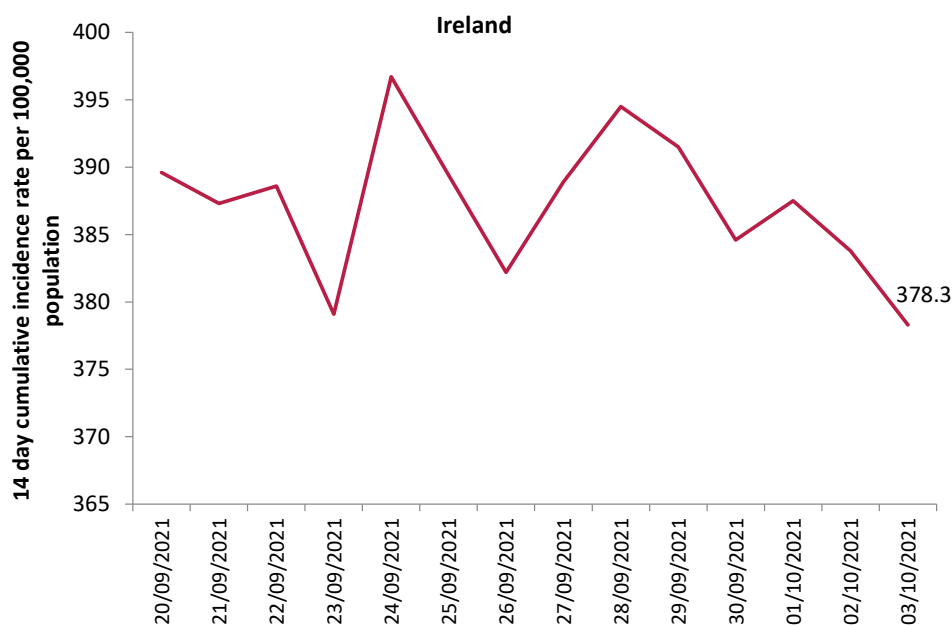| Characteristic		Number of cases	Percent
Total number of confirmed cases		18,015	**100**
Sex	Male	8,873	49.3
	Female	9,106	50.5
	Unknown	36	0.2
Age	Median age (years)	31	
	Mean age (years)	33	
	Age range (years)	0-103	
	0-4 yrs	1037	5.8
	5-12 yrs	3110	17.3
	13-18 yrs	1461	8.1
	19-24 yrs	1818	10.1
	25-34 yrs	2506	13.9
	35-44 yrs	2851	15.8
	45-54 yrs	2005	11.1
	55-64 yrs	1520	8.4
	65-74 yrs	989	5.5
	75-84 yrs	504	2.8
	85+ yrs	210	1.2
	Unknown	4	
	Total	18,015	

Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 20/09/2021 up to midnight on 03/10/2021

*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 20/09/2021 up to midnight on 03/10/2021, 7 day numbers are reported from 27/09/2021 up to midnight on 03/10/2021

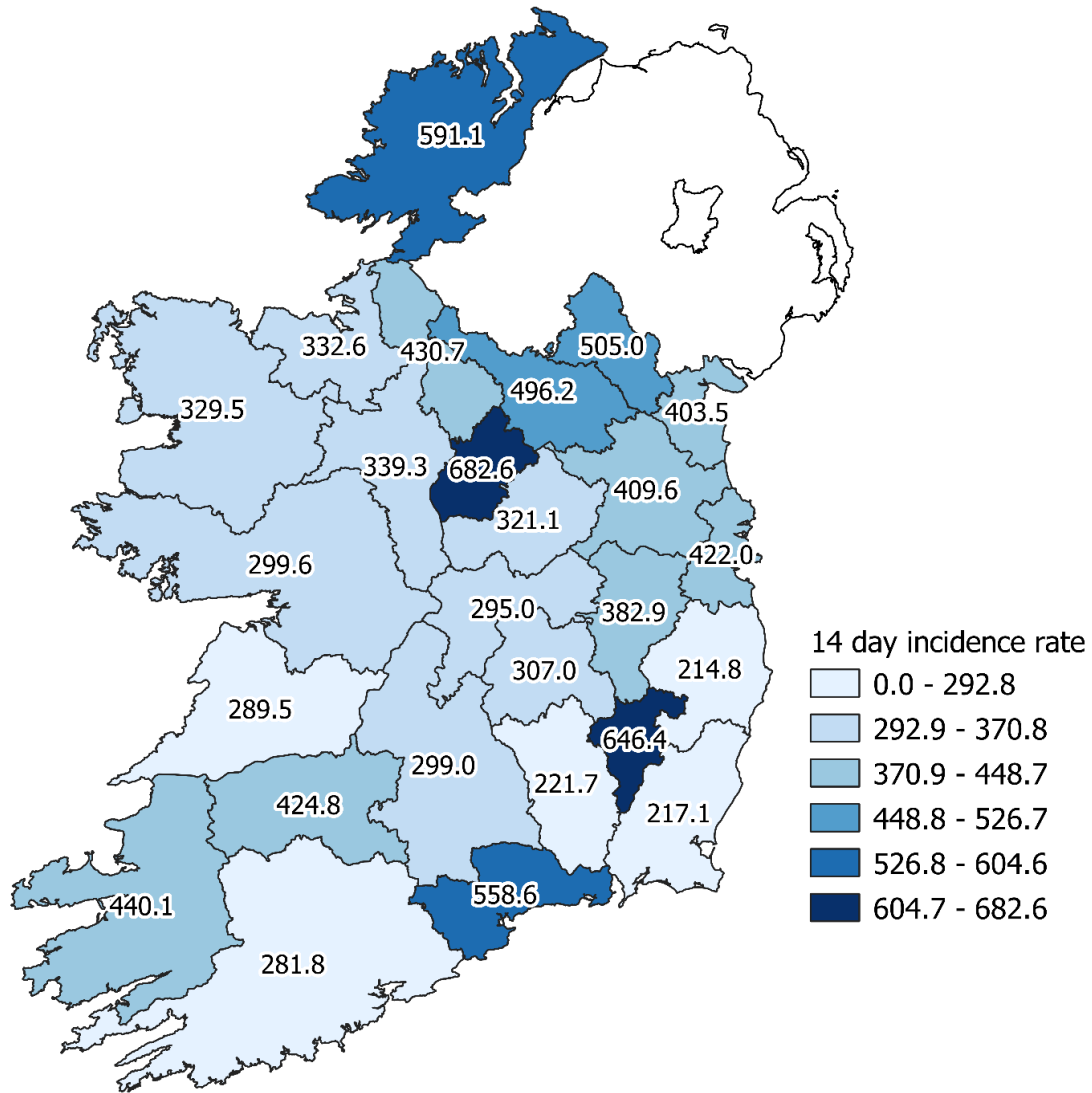| County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (29/09/2021 - 03/10/2021)
Longford	172	420.8	279	682.6	61.65	26
Carlow	211	370.6	368	646.4	57.34	27
Waterford	425	365.8	649	558.6	65.49	56
Kerry	420	284.3	650	440.1	64.62	60
Donegal	426	267.6	941	591.1	45.27	57
Monaghan	148	241.1	310	505.0	47.74	21
Cavan	178	233.7	378	496.2	47.09	25
Limerick	425	218.1	828	424.8	51.33	57
Leitrim	66	206.0	138	430.7	47.83	7
Meath	398	204.1	799	409.7	49.81	62
Dublin	2,534	188.1	5686	422.0	44.57	313
Roscommon	120	185.9	219	339.3	54.79	18
Louth	231	179.2	520	403.5	44.42	33
Sligo	117	178.5	218	332.6	53.67	17
Clare	208	175.1	344	289.5	60.47	29
Galway	442	171.3	773	299.5	57.18	54
Offaly	127	162.9	230	295.0	55.22	18
Tipperary	243	152.3	477	299.0	50.94	33
Westmeath	131	147.6	285	321.1	45.96	18
Kildare	318	142.9	852	382.9	37.32	39
Cork	763	140.5	1530	281.8	49.87	109
Laois	119	140.5	260	307.0	45.77	18
Wexford	184	122.9	325	217.1	56.62	22
Mayo	160	122.6	430	329.5	37.21	20
Wicklow	160	112.3	306	214.8	52.29	23
Kilkenny	81	81.6	220	221.7	36.82	10
Unknown/Other						
Total	**8,807**	**184.9**	**18015**	**378.3**	**48.89**	**1172**

Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 20/09/2021 up to midnight on 03/10/2021

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.
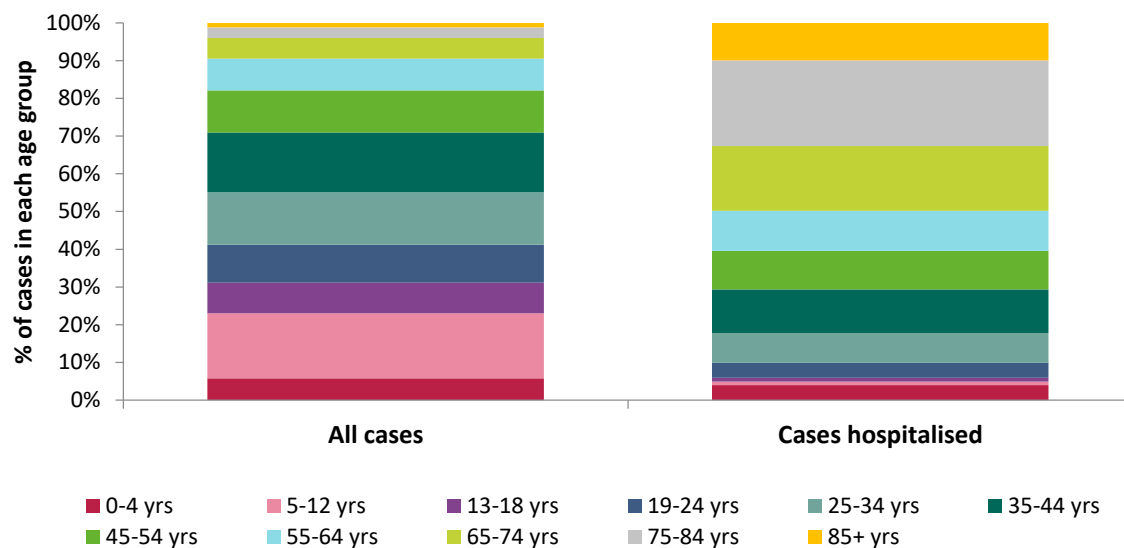
Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 20/09/2021 up to midnight on 03/10/2021,in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 20/09/2021 up to midnight on 03/10/2021,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	1037	5.8	12	4.0	<5	-
5-12 yrs	3110	17.3	3	1.0	<5	-
13-18 yrs	1461	8.1	3	1.0	<5	-
19-24 yrs	1818	10.1	12	4.0	<5	-
25-34 yrs	2506	13.9	24	7.9	<5	-
35-44 yrs	2851	15.8	35	11.6	<5	-
45-54 yrs	2005	11.1	31	10.2	<5	-
55-64 yrs	1520	8.4	32	10.6	<5	-
65-74 yrs	989	5.5	52	17.2	<5	-
75-84 yrs	504	2.8	69	22.8	<5	-
85+ yrs	210	1.2	30	9.9	<5	-
Unknown	4	0.0	0	0.0	0	0.0
Total	**18015**	**100**	**303**	**100**	**16**	**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 20/09/2021 up to midnight on 03/10/2021

Date	Number of confirmed cases
20/09/2021	1420
21/09/2021	1433
22/09/2021	1354
23/09/2021	1162
24/09/2021	1334
25/09/2021	1458
26/09/2021	1047
27/09/2021	1497
28/09/2021	1449
29/09/2021	1270
30/09/2021	1062
01/10/2021	1586
02/10/2021	1051
03/10/2021	892
Total	**18,015**

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 (20/09/2021 to 03/10/2021)

Carlow — 646.4

Cavan — 496.2

Clare — 289.5

Cork — 281.8

Donegal — 591.1

Dublin — 422

Galway

299.5

Kerry

440.1

Kildare

382.9

Kilkenny

221.7

Laois

307

Leitrim

430.7

Limerick

424.8

Longford

682.6

Louth

403.5

Mayo

329.5

Meath

409.7

Monaghan

505

Offaly

295

Roscommon

339.3

Sligo

332.6

Tipperary

299

Waterford
558.6

Westmeath
321.1

Wexford
217.1

Wicklow
214.8

Report prepared by Health Protection Surveillance Centre on 04/10/2021