Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on   22/09/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 08/09/2021 up to midnight on 21/09/2021

	Number	Percent
Total number of confirmed cases	18,447	
National incidence of confirmed cases per 100,000 population	387.4	
Number of cases hospitalised*	281	1.52
Number of cases admitted to ICU*	26	0.14
Males	9,156	49.6
Females	9,246	50.1
M:F ratio	0.99	
Median age (years)	26	
Mean age (years)	29	
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 22/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
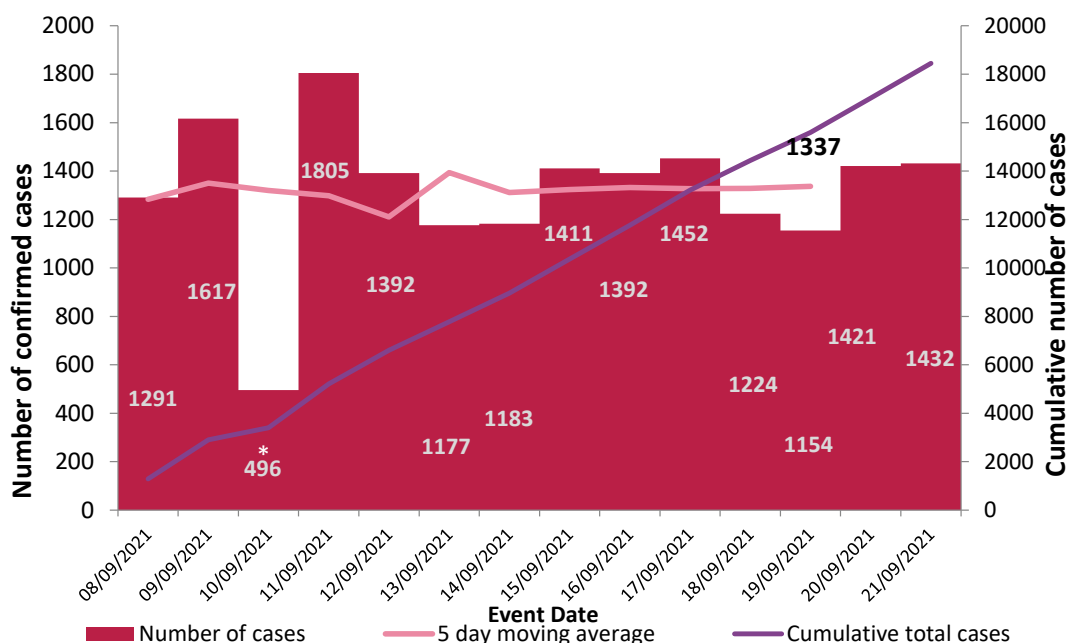
Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18447)

* Due to an IT issue causing a delay in reporting, the number of COVID-19 cases notified on the 10/09/2021 is reduced, the case numbers in the days following (11-13th Sept) are inflated, when data are presented by notification date. Due to this IT issue, daily case numbers reported over the weekend were reported from CCT data.
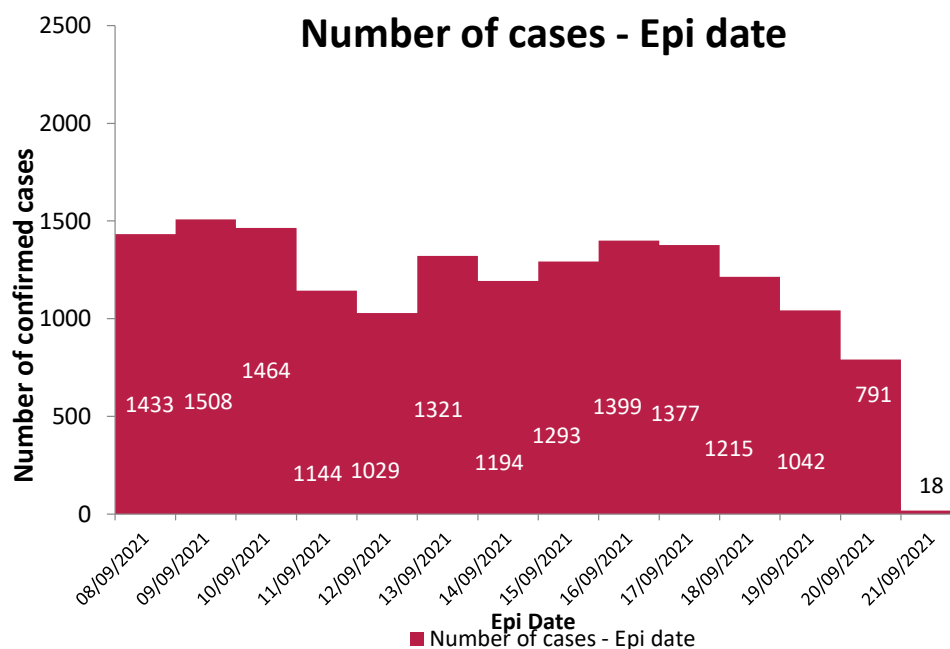

Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 08/09/2021 up to midnight on 21/09/2021

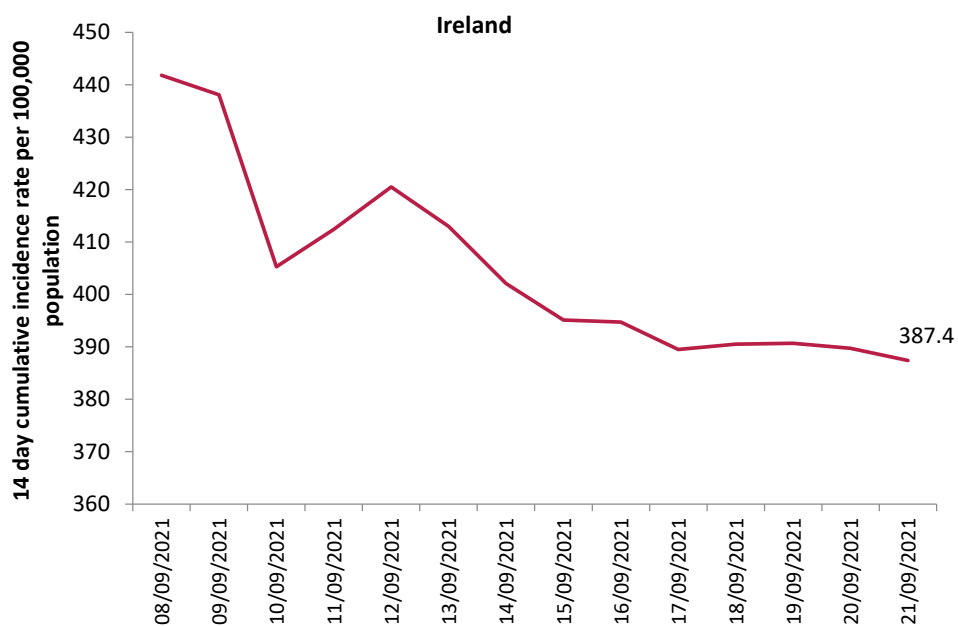| Characteristic		Number of cases	Percent
Total number of confirmed cases		18,447	**100**
Sex	Male	9,156	49.6
	Female	9,246	50.1
	Unknown	45	0.2
Age	Median age (years)	26	
	Mean age (years)	29	
	Age range (years)	0-103	
	0-4 yrs	1280	6.9
	5-12 yrs	4229	22.9
	13-18 yrs	1725	9.4
	19-24 yrs	1768	9.6
	25-34 yrs	2384	12.9
	35-44 yrs	2710	14.7
	45-54 yrs	1918	10.4
	55-64 yrs	1116	6.0
	65-74 yrs	692	3.8
	75-84 yrs	403	2.2
	85+ yrs	218	1.2
	Unknown	4	
	Total	18,447	

Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 08/09/2021 up to midnight on 21/09/2021

*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 08/09/2021 up to midnight on 21/09/2021, 7 day numbers are reported from 15/09/2021 up to midnight on 21/09/2021

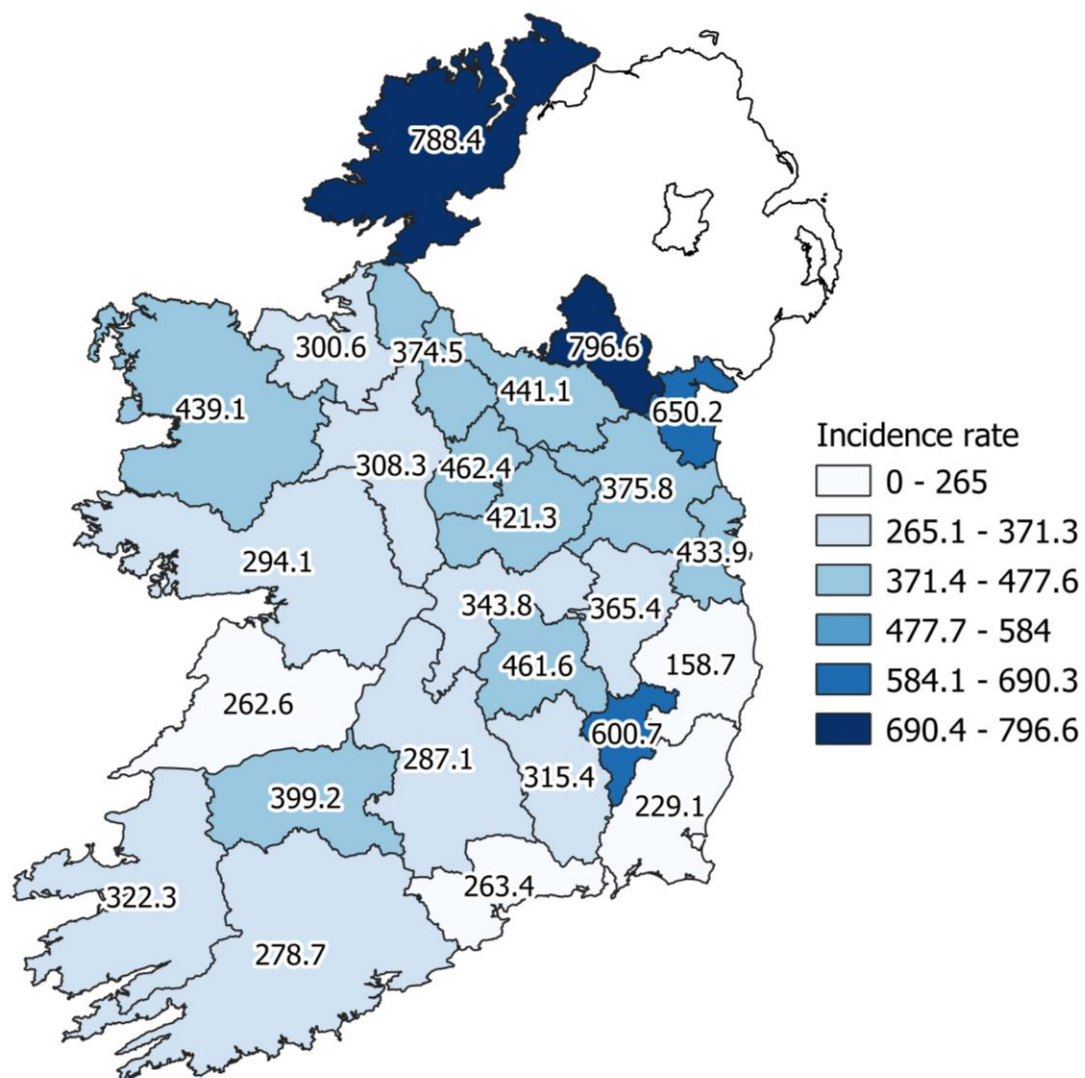| County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (17/09/2021 - 21/09/2021)
Donegal	641	402.7	1255	788.4	51.08	85
Carlow	211	370.6	342	600.7	61.70	29
Louth	450	349.2	838	650.2	53.70	65
Monaghan	210	342.1	489	796.6	42.94	23
Westmeath	232	261.3	374	421.3	62.03	33
Cavan	189	248.1	336	441.1	56.25	23
Longford	97	237.3	189	462.4	51.32	15
Mayo	306	234.5	573	439.1	53.40	44
Dublin	3,087	229.1	5846	433.9	52.81	455
Laois	190	224.3	391	461.6	48.59	25
Meath	384	196.9	733	375.8	52.39	54
Limerick	379	194.5	778	399.2	48.71	54
Kildare	428	192.4	813	365.4	52.64	61
Offaly	125	160.3	268	343.8	46.64	14
Kerry	232	157.1	476	322.3	48.74	31
Leitrim	49	152.9	120	374.5	40.83	7
Tipperary	243	152.3	458	287.1	53.06	35
Cork	789	145.3	1,513	278.7	52.15	112
Waterford	160	137.7	306	263.4	52.29	21
Kilkenny	134	135.0	313	315.4	42.81	17
Roscommon	87	134.8	199	308.3	43.72	9
Sligo	88	134.3	197	300.6	44.67	13
Galway	343	132.9	759	294.1	45.19	51
Clare	151	127.1	312	262.6	48.40	21
Wexford	164	109.5	343	229.1	47.81	21
Wicklow	117	82.1	226	158.7	51.77	18
Unknown/Other						
Total	**9,486**	**199.2**	**18447**	**387.4**	**51.42**	**1337**

Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 08/09/2021 up to midnight on 21/09/2021

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.
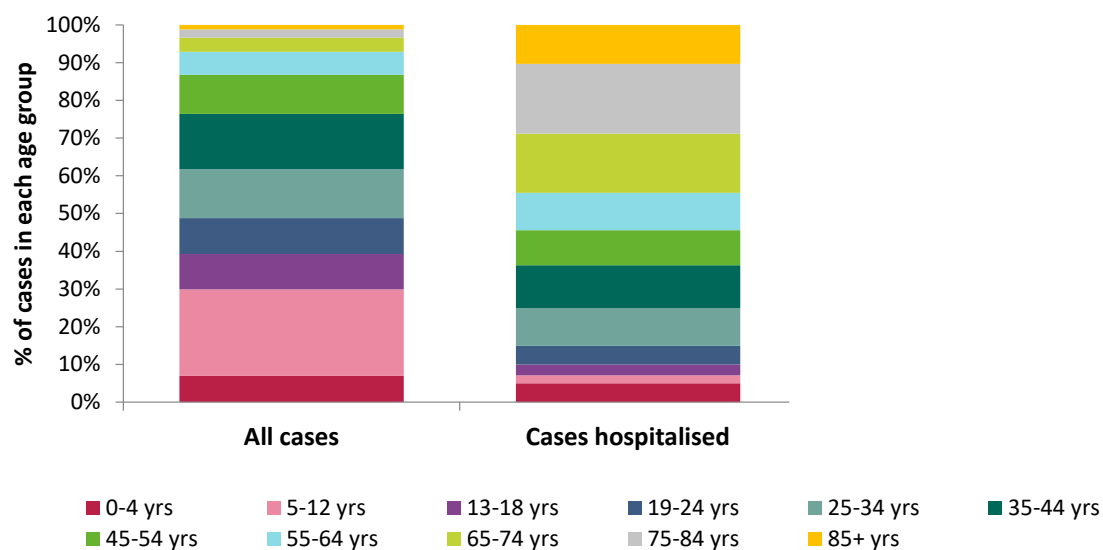
Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 08/09/2021 up to midnight on 21/09/2021,in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 08/09/2021 up to midnight on 21/09/2021,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	1280	6.9	14	5.0	<5	-
5-12 yrs	4229	22.9	6	2.1	<5	-
13-18 yrs	1725	9.4	8	2.8	<5	-
19-24 yrs	1768	9.6	14	5.0	<5	-
25-34 yrs	2384	12.9	28	10.0	<5	-
35-44 yrs	2710	14.7	32	11.4	<5	-
45-54 yrs	1918	10.4	26	9.3	<5	-
55-64 yrs	1116	6.0	28	10.0	<5	-
65-74 yrs	692	3.8	44	15.7	8	30.8
75-84 yrs	403	2.2	52	18.5	<5	-
85+ yrs	218	1.2	29	10.3	<5	-
Unknown	4	0.0	0	0.0	0	0.0
Total	**18447**	**100**	**281**	**100**	**26**	**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 08/09/2021 up to midnight on 21/09/2021

Date	Number of confirmed cases
08/09/2021	1291
09/09/2021	1617
10/09/2021	496 *
11/09/2021	1805
12/09/2021	1392
13/09/2021	1177
14/09/2021	1183
15/09/2021	1411
16/09/2021	1392
17/09/2021	1452
18/09/2021	1224
19/09/2021	1154
20/09/2021	1421
21/09/2021	1432
Total	**18,447**

* Due to an IT issue causing a delay in reporting, the number of COVID-19 cases notified on the 10/09/2021 is reduced, the case numbers in the days following (11-13th Sept) are inflated, when data are presented by notification date. Due to this IT issue, daily case numbers reported over the weekend were reported from CCT data.

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 (08/09/2021 to 21/09/2021)

Carlow — 600.7

Cavan — 441.1

Clare — 262.6

Cork — 278.7

Donegal — 788.4

Dublin — 433.9

Galway

294.1

Kerry

322.3

Kildare

365.4

Kilkenny

315.4

Laois

461.6

Leitrim

374.5

Limerick

399.2

Longford

462.4

Louth

650.2

Mayo

439.1

Meath

375.8

Monaghan

796.6

Offaly

343.8

Roscommon

308.3

Sligo

300.6

Tipperary

287.1

Waterford

263.4

Westmeath

421.3

Wexford

229.1

Wicklow

158.7