Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on   16/09/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 02/09/2021 up to midnight on 15/09/2021

	Number	Percent
Total number of confirmed cases	18,820	
National incidence of confirmed cases per 100,000 population	395.2	
Number of cases hospitalised*	308	1.64
Number of cases admitted to ICU*	29	0.15
Males	9,373	49.8
Females	9,416	50.0
M:F ratio	1.00	
Median age (years)	25	
Mean age (years)	30	
Age range (years)	1-103	

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 16/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
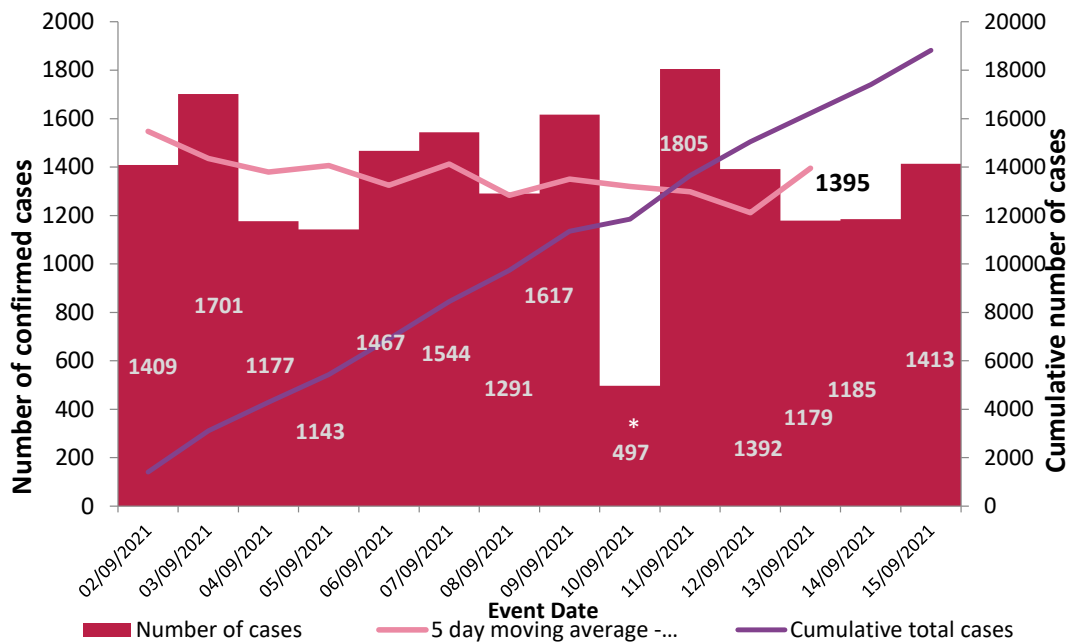
Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18820)

* 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.
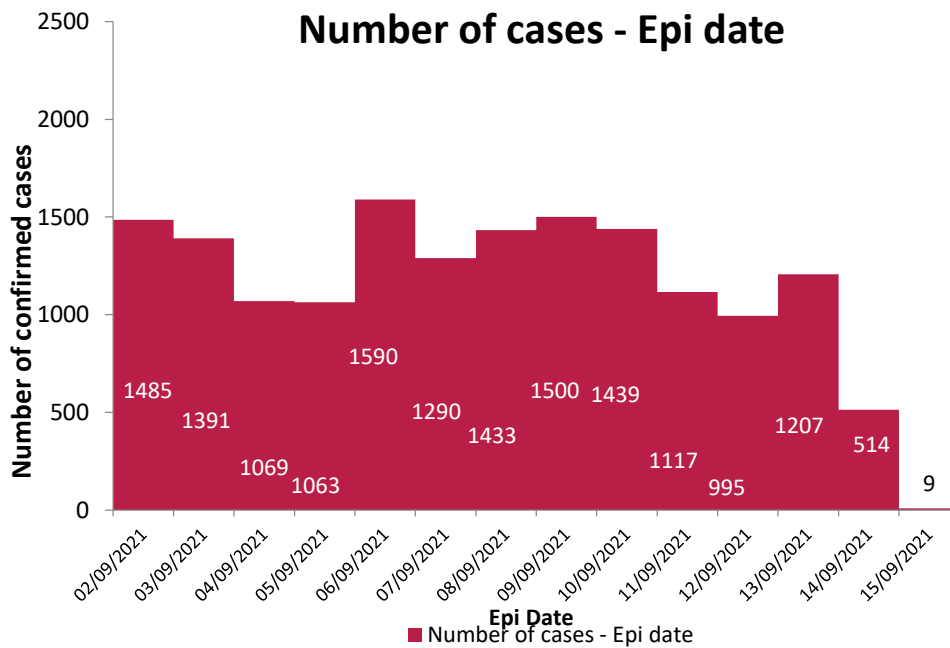

Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 02/09/2021 up to midnight on 15/09/2021

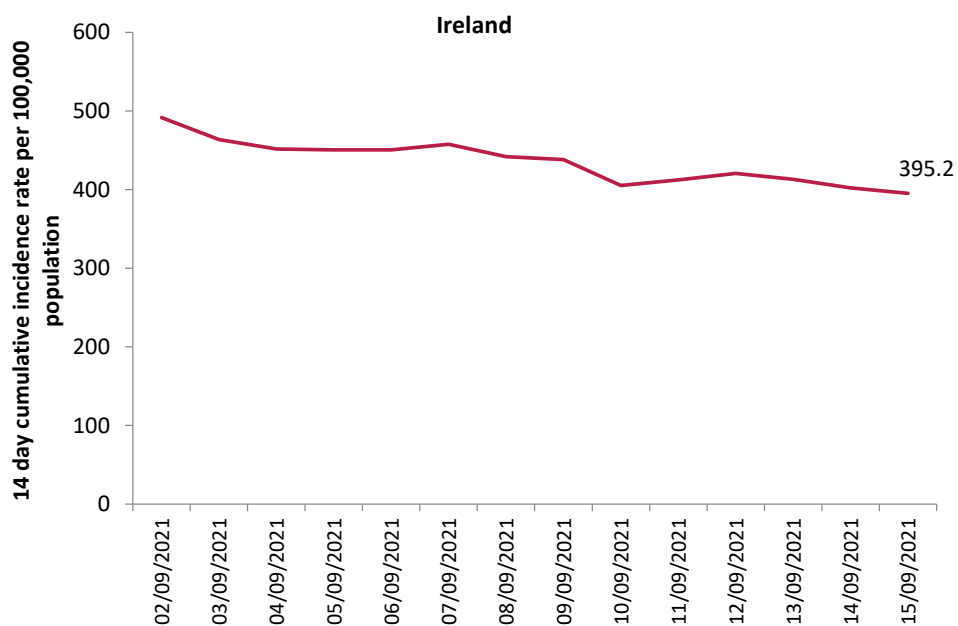| Characteristic		Number of cases	Percent
Total number of confirmed cases		18,820	**100**
Sex	Male	9,373	49.8
	Female	9,416	50.0
	Unknown	31	0.2
Age	Median age (years)	25	
	Mean age (years)	30	
	Age range (years)	1-103	
	0-4 yrs	1339	7.1
	5-12 yrs	3801	20.2
	13-18 yrs	1974	10.5
	19-24 yrs	2051	10.9
	25-34 yrs	2496	13.3
	35-44 yrs	2740	14.6
	45-54 yrs	1906	10.1
	55-64 yrs	1143	6.1
	65-74 yrs	761	4.0
	75-84 yrs	411	2.2
	85+ yrs	198	1.1
	Unknown	0	
	Total	18,820	

Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 02/09/2021 up to midnight on 15/09/2021

*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 02/09/2021 up to midnight on 15/09/2021, 7 day numbers are reported from 09/09/2021 up to midnight on 15/09/2021

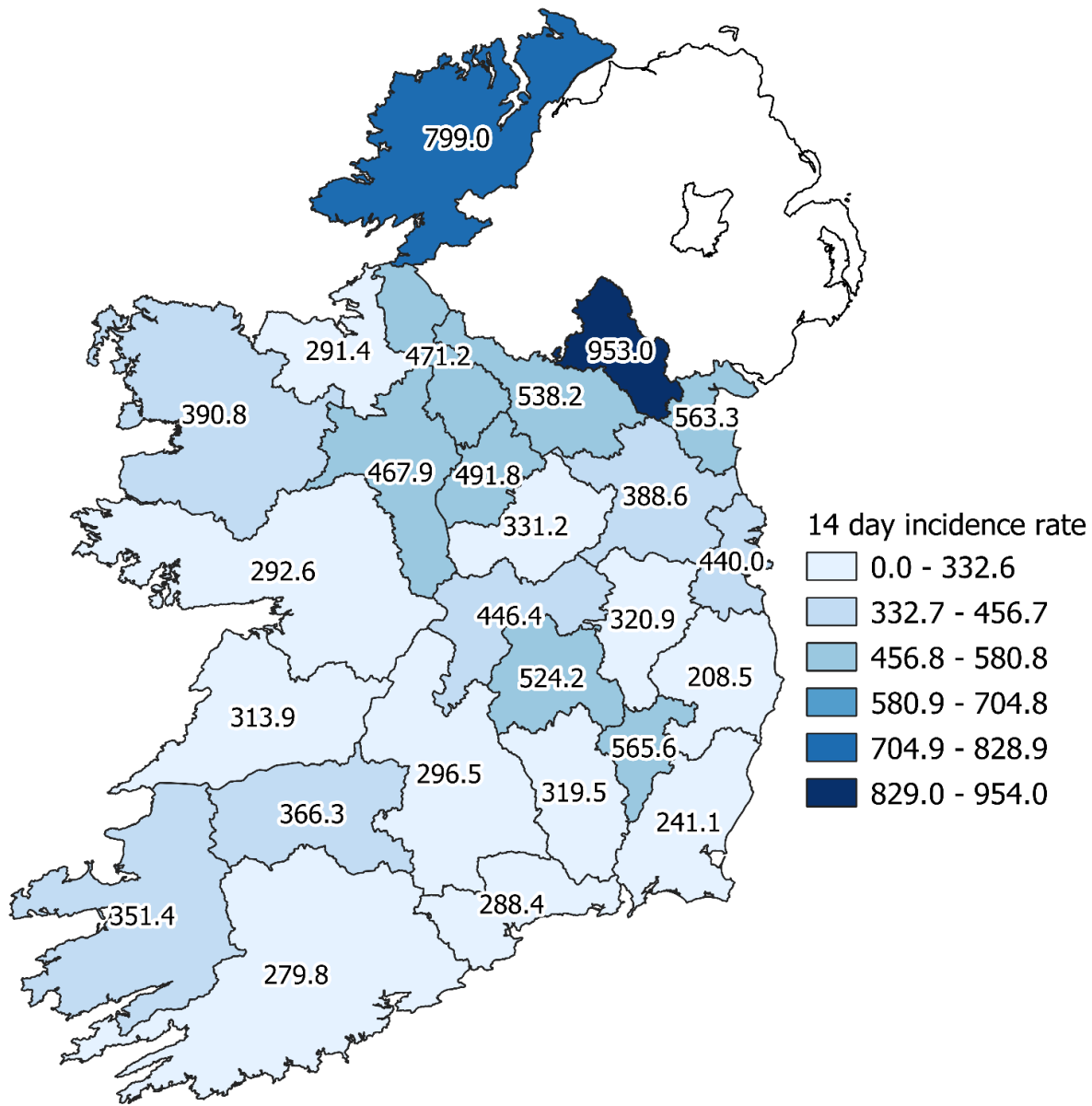| County	Number of confirmed cases in last 7 days	7-day Incidence per 100,000 population	Number of confirmed cases in last 14 days	14-day Incidence per 100,000 population	7 day incidence rate as a percentage of 14 day rate	5 day moving average of confirmed cases (11/09/2021 - 15/09/2021)
Monaghan	280	456.1	585	953.0	47.86	47
Donegal	596	374.4	1272	799.0	46.86	83
Carlow	181	317.9	322	565.6	56.21	29
Louth	376	291.7	726	563.3	51.79	65
Laois	215	253.8	444	524.2	48.42	33
Longford	91	222.6	201	491.8	45.27	14
Mayo	289	221.4	510	390.8	56.67	37
Limerick	425	218.1	714	366.3	59.52	63
Leitrim	67	209.1	151	471.2	44.37	10
Dublin	2,733	202.8	5929	440.0	46.10	421
Offaly	148	189.8	348	446.4	42.53	23
Cavan	141	185.1	410	538.2	34.39	23
Kerry	269	182.1	519	351.4	51.83	40
Roscommon	117	181.3	302	467.9	38.74	19
Sligo	113	172.4	191	291.4	59.16	16
Meath	336	172.3	758	388.6	44.33	58
Kilkenny	165	166.3	317	319.5	52.05	25
Galway	424	164.3	755	292.6	56.16	56
Waterford	190	163.5	335	288.4	56.72	29
Westmeath	145	163.3	294	331.2	49.32	23
Kildare	336	151.0	714	320.9	47.06	53
Clare	176	148.1	373	313.9	47.18	22
Tipperary	223	139.8	473	296.5	47.15	37
Cork	752	138.5	1519	279.8	49.51	121
Wexford	198	132.2	361	241.1	54.85	33
Wicklow	102	71.6	297	208.5	34.34	14
Unknown/Other						
Total	**9,088**	**190.8**	**18820**	**395.2**	**48.29**	**1395**

Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 02/09/2021 up to midnight on 15/09/2021

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.
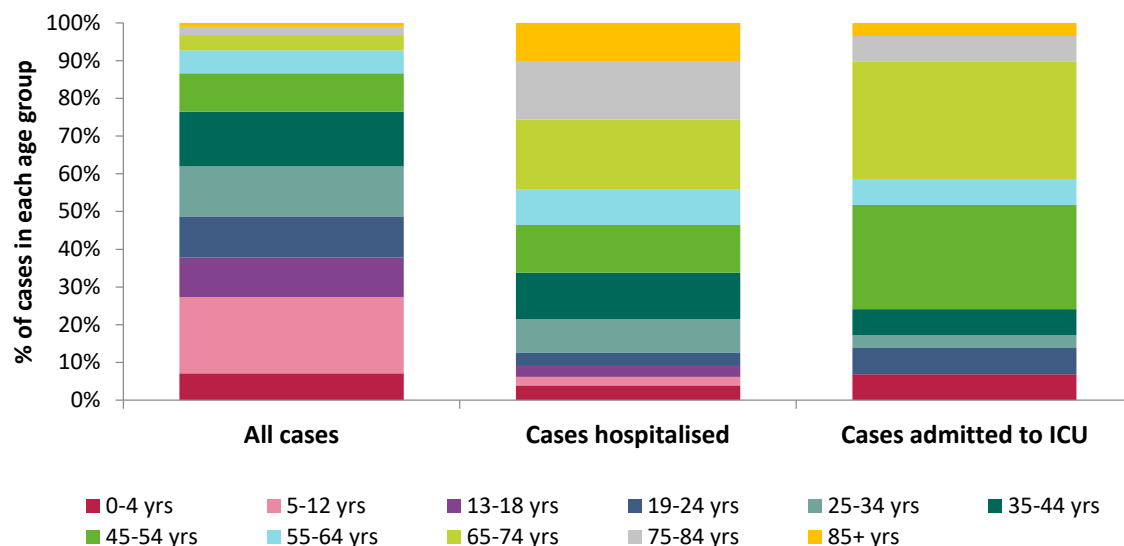
Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 02/09/2021 up to midnight on 15/09/2021,in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 02/09/2021 up to midnight on 15/09/2021,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	1339	7.1	12	3.9	<5	-
5-12 yrs	3801	20.2	7	2.3	0	0.0
13-18 yrs	1974	10.5	9	2.9	0	0.0
19-24 yrs	2051	10.9	11	3.6	<5	-
25-34 yrs	2496	13.3	27	8.8	<5	-
35-44 yrs	2740	14.6	38	12.3	<5	-
45-54 yrs	1906	10.1	39	12.7	8	27.6
55-64 yrs	1143	6.1	29	9.4	<5	-
65-74 yrs	761	4.0	57	18.5	9	31.0
75-84 yrs	411	2.2	48	15.6	<5	-
85+ yrs	198	1.1	31	10.1	<5	-
Unknown	0	0.0	0	0.0	0	0.0
Total	**18820**	**100**	**308**	**100**	**29**	**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 02/09/2021 up to midnight on 15/09/2021

Date	Number of confirmed cases
02/09/2021	1409
03/09/2021	1701
04/09/2021	1177
05/09/2021	1143
06/09/2021	1467
07/09/2021	1544
08/09/2021	1291
09/09/2021	1617
10/09/2021	497 *
11/09/2021	1805
12/09/2021	1392
13/09/2021	1179
14/09/2021	1185
15/09/2021	1413
Total	**18,820**

* 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 (02/09/2021 to 15/09/2021)

Galway

292.6

Kerry

351.4

Kildare

320.9

Kilkenny

319.5

Laois

524.2

Leitrim

471.2

Limerick

366.3

Longford

491.8

Report prepared by Health Protection Surveillance Centre on 16/09/2021

Louth

563.3

Mayo

390.8

Meath

388.6

Monaghan

953

Offaly

446.4

Roscommon

467.9

Sligo

291.4

Tipperary

296.5

Waterford

288.4

Westmeath

331.2

Wexford

241.1

Wicklow

208.5