



Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 28/09/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 14/09/2021 up to midnight on 27/09/2021

	Number	Percent
Total number of confirmed cases	18,524	
National incidence of confirmed cases per 100,000 population	389.0	
Number of cases hospitalised*	299	1.61
Number of cases admitted to ICU*	16	0.09
Males	9,150	49.4
Females	9,351	50.5
M:F ratio	0.98	
Median age (years)	28	
Mean age (years)	31	
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 28/09/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

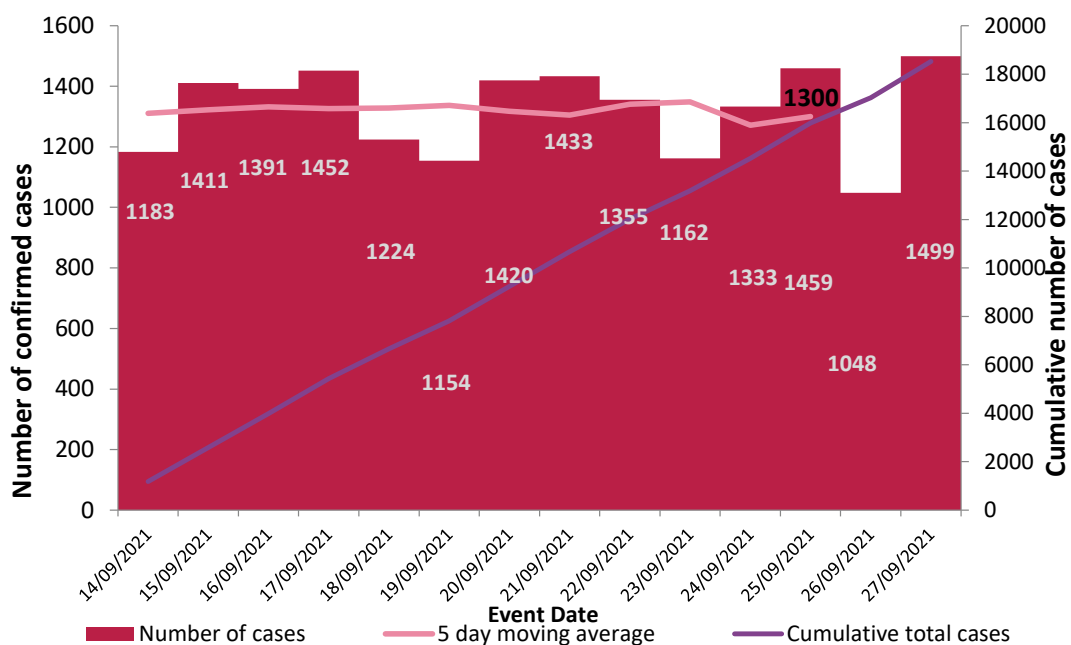


Figure 1a. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=18524)

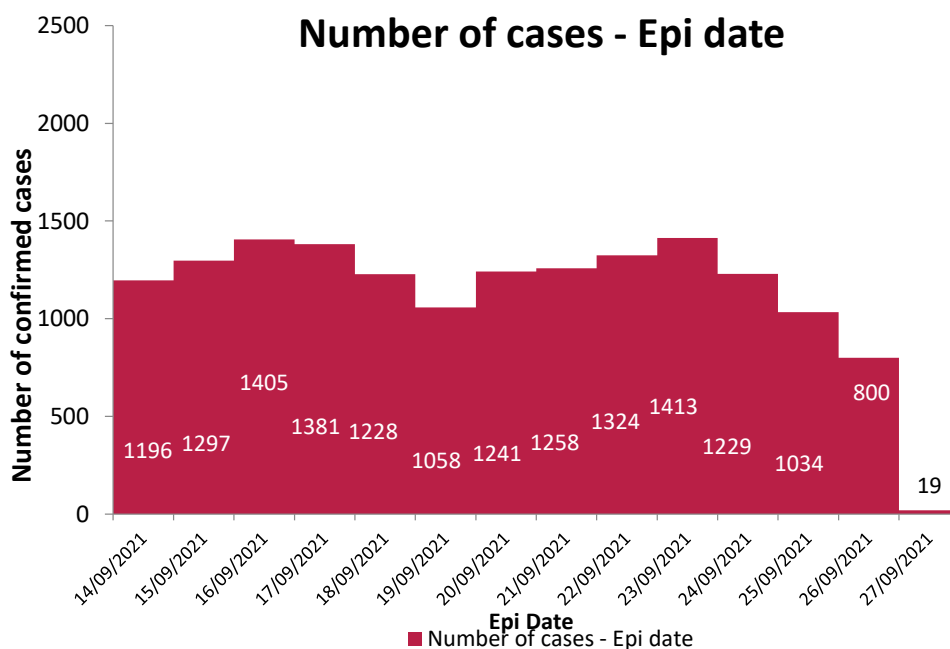


Figure 1b. Daily number of confirmed cases of COVID-19, by epidemiological date*

*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 14/09/2021 up to midnight on 27/09/2021

Characteristic		Number of cases	Percent
Total number of confirmed cases		18,524	100
Sex	Male	9,150	49.4
	Female	9,351	50.5
	Unknown	23	0.1
Age	Median age (years)	28	
	Mean age (years)	31	
	Age range (years)	0-103	
	0-4 yrs	1196	6.5
	5-12 yrs	3907	21.1
	13-18 yrs	1600	8.6
	19-24 yrs	1761	9.5
	25-34 yrs	2468	13.3
	35-44 yrs	2830	15.3
	45-54 yrs	2001	10.8
	55-64 yrs	1284	6.9
	65-74 yrs	790	4.3
	75-84 yrs	442	2.4
	85+ yrs	239	1.3
	Unknown	6	
	Total	18,524	

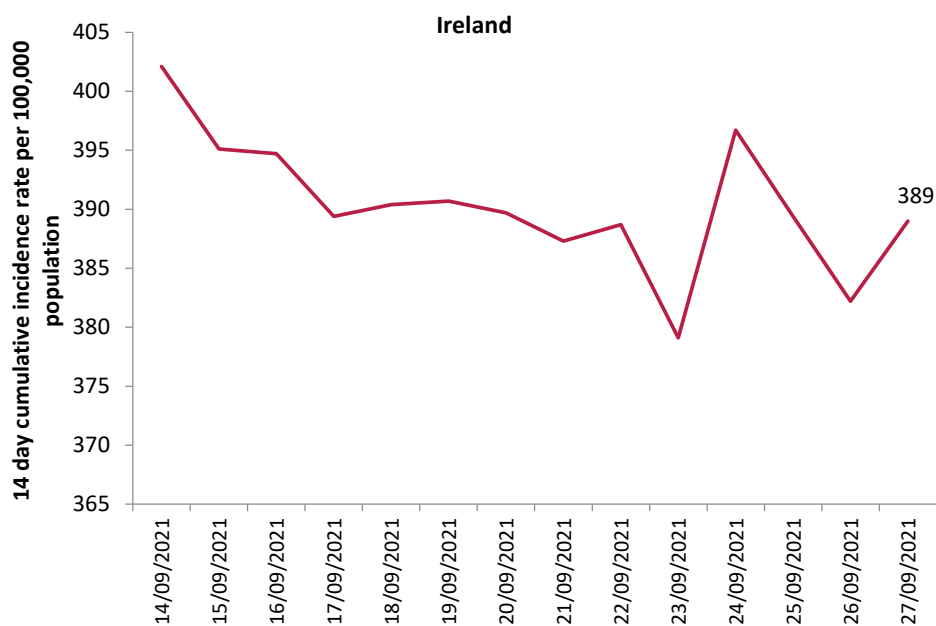


Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 14/09/2021 up to midnight on 27/09/2021

*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 14/09/2021 up to midnight on 27/09/2021, 7 day numbers are reported from 21/09/2021 up to midnight on 27/09/2021

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 (23/09/2021 - 27/09/2021)
Carlow	200	351.3	348	611.3	57.47	32
Donegal	489	307.2	1157	726.8	42.26	65
Longford	116	283.8	211	516.2	54.98	18
Cavan	209	274.4	376	493.6	55.59	24
Monaghan	165	268.8	369	601.1	44.72	19
Waterford	272	234.1	423	364.1	64.30	42
Dublin	3,124	231.9	6047	448.8	51.66	429
Mayo	297	227.6	552	423.0	53.80	35
Louth	290	225.0	744	577.3	38.98	44
Kildare	467	209.9	916	411.7	50.98	61
Leitrim	67	209.1	107	333.9	62.62	8
Limerick	374	191.9	770	395.1	48.57	53
Meath	349	178.9	742	380.4	47.04	52
Roscommon	112	173.5	194	300.6	57.73	19
Sligo	113	172.4	190	289.9	59.47	17
Galway	424	164.3	742	287.5	57.14	62
Laois	139	164.1	331	390.8	41.99	16
Westmeath	141	158.8	345	388.6	40.87	20
Tipperary	247	154.8	491	307.7	50.31	34
Cork	793	146.1	1572	289.6	50.45	119
Kerry	214	144.9	482	326.3	44.40	32
Offaly	106	136.0	227	291.2	46.70	14
Clare	156	131.3	325	273.5	48.00	25
Kilkenny	129	130.0	276	278.1	46.74	19
Wexford	153	102.2	325	217.1	47.08	23
Wicklow	143	100.4	262	184.0	54.58	19
Unknown/Other						
Total	9,289	195.1	18524	389.0	50.15	1300

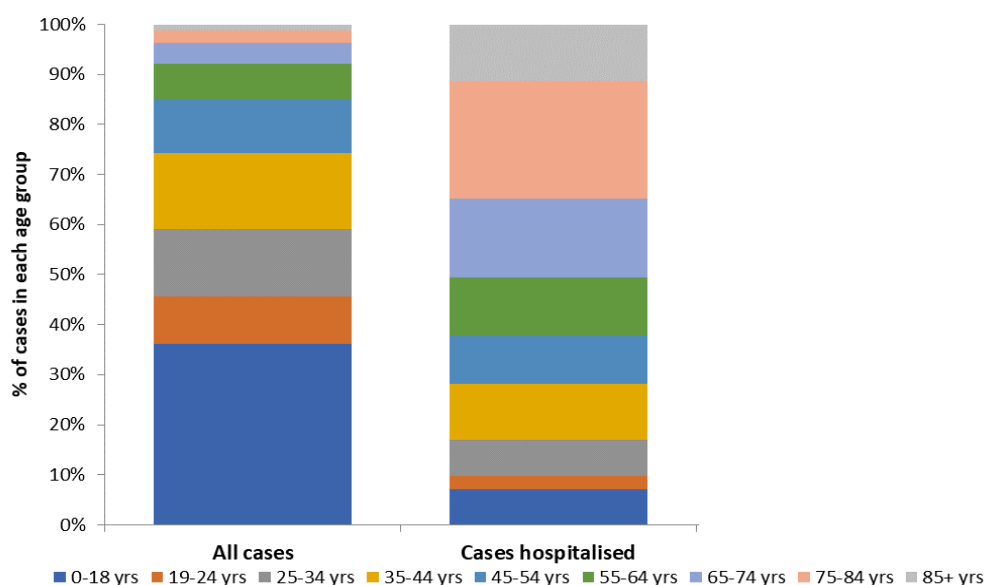


Figure 4: Percentage of confirmed cases of COVID-19 notified in Ireland from 14/09/2021 up to midnight on 27/09/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU*

Table 3: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 14/09/2021 up to midnight on 27/09/2021, 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 (%)
0-18 yrs	6703	36.2	21	7.0	<5	-
19-24 yrs	1761	9.5	8	2.7	<5	-
25-34 yrs	2468	13.3	22	7.4	<5	-
35-44 yrs	2830	15.3	33	11.0	<5	-
45-54 yrs	2001	10.8	29	9.7	<5	-
55-64 yrs	1284	6.9	35	11.7	5	31.3
65-74 yrs	790	4.3	47	15.7	<5	-
75-84 yrs	442	2.4	70	23.4	<5	-
85+ yrs	239	1.3	34	11.4	<5	-
Unknown	6	0.0	0	0.0	0	0.0
Total	18524	100	299	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 14/09/2021 up to midnight on 27/09/2021

Date	Number of confirmed cases
14/09/2021	1183
15/09/2021	1411
16/09/2021	1391
17/09/2021	1452
18/09/2021	1224
19/09/2021	1154
20/09/2021	1420
21/09/2021	1433
22/09/2021	1355
23/09/2021	1162
24/09/2021	1333
25/09/2021	1459
26/09/2021	1048
27/09/2021	1499
Total	18,524

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 (14/09/2021 to 27/09/2021)

