



# Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 24/11/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 10/11/2021 up to midnight on 23/11/2021

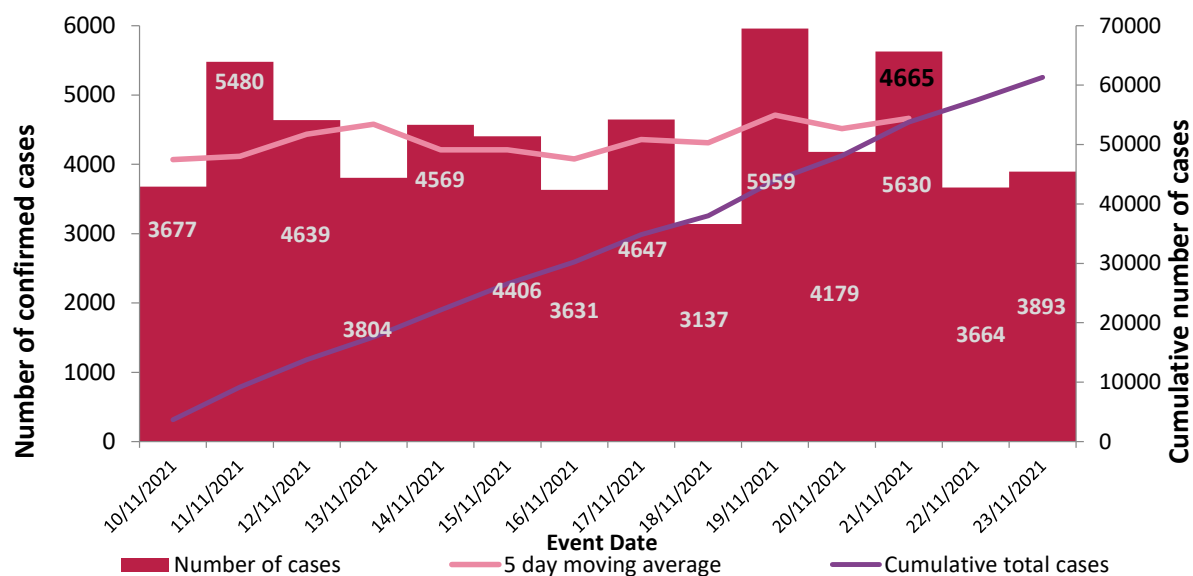
Data on the most likely source of transmission is no longer included in this report and will be reported on a weekly basis in the Weekly Report on the epidemiology of COVID-19 in Ireland

	Number	Percent
Total number of confirmed cases	61,315	
National incidence of confirmed cases per 100,000	1287.6	
Number of cases hospitalised*	640	1.04
Number of cases admitted to ICU*	34	0.06
Number of cases in healthcare workers	692	1.13
% where HCW is known	3.5	
Number of cases associated with clusters**	926	1.51
Males	30,595	49.9
Females	30,622	49.9
M:F ratio	1.00	
Median age (years)	33	
Mean age (years)	34	
Age range (years)	0-102	

\* 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.

\*\*Cases may be associated with outbreaks notified outside the timeframe of this report from 10/11/2021 up to midnight on 23/11/2021. Also, this is likely an underestimate of cases associated with clusters as Departments of Public Health are prioritising Public Health Risk Assessments and outbreak investigations in settings that have the greatest clinical need or would benefit most from Public Health intervention.

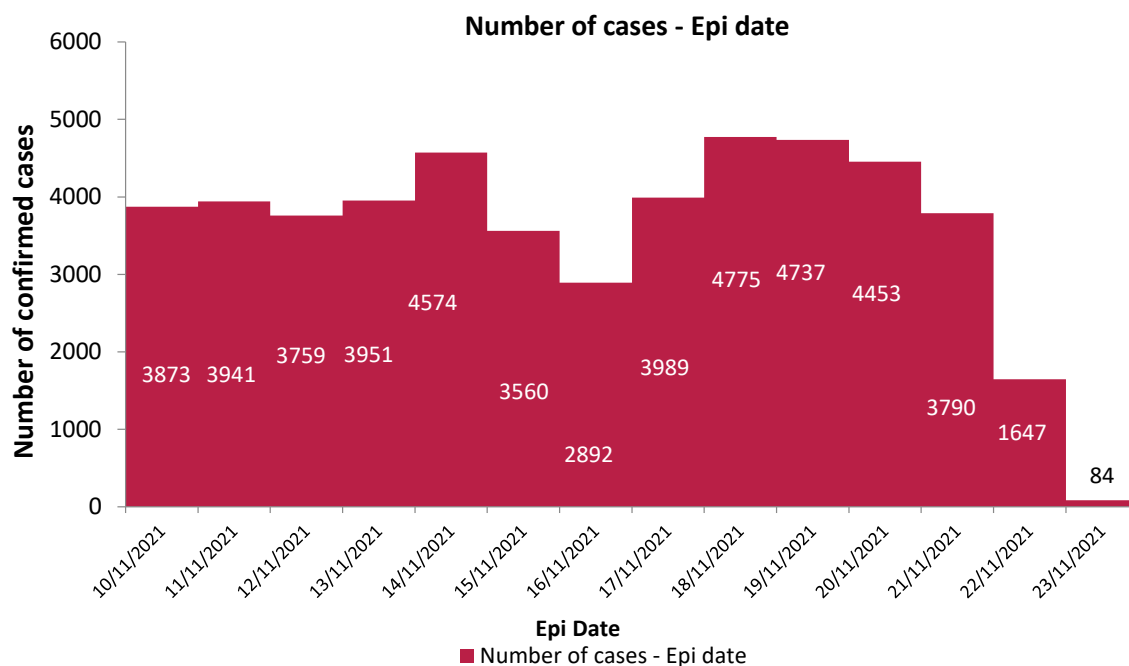
**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:00 on 24/11/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**



**Figure 1a. Daily number\* and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=61315)**

\*Changes in the timeliness of the processing steps on CIDR can lead to day to day variations in the number of daily cases. Using epidemiological date (figure 1b), or analysing over a longer time period such as a week or 14 days (figure 2), smooths out any variations introduced by processing times, and provide a more accurate picture of the trend.

Please see Epidemiology of COVID-19 in Ireland Frequently Asked Questions (<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/epidemiologyfrequentlyaskedquestions/>) and the weekly epidemiological report (<https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/surveillance/epidemiologyofcovid-19inirelandweeklyreports/>) for further detail and analyses.



**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.

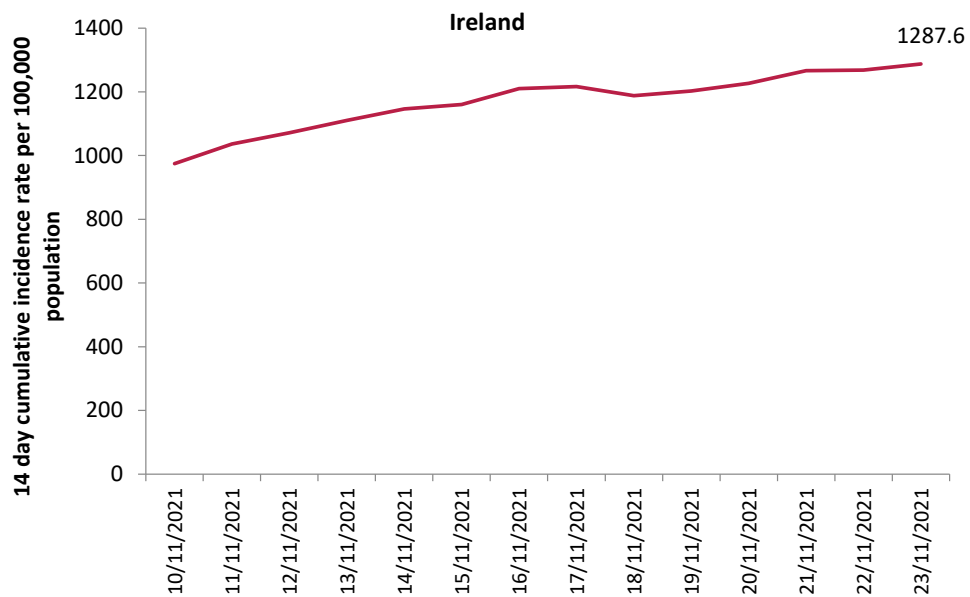
**Table 1: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 10/11/2021 up to midnight on 23/11/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		61,315	100
<b>Sex</b>	Male	30,595	49.9
	Female	30,622	49.9
	Unknown	98	0.2
<b>Age</b>	Median age (years)	33	
	Mean age (years)	34	
	Age range (years)	0-102	
	0-4 yrs	2932	4.8
	5-12 yrs	10531	17.2
	13-18 yrs	3485	5.7
	19-24 yrs	5734	9.4
	25-34 yrs	9058	14.8
	35-44 yrs	10926	17.8
	45-54 yrs	8050	13.1
	55-64 yrs	5620	9.2
	65-74 yrs	3623	5.9
	75-84 yrs	1106	1.8
	85+ yrs	239	0.4
	Unknown	11	
	Total	61,315	

**Table 2: Age and sex of characteristics of confirmed COVID-19 cases notified in Ireland from 10/11/2021 up to midnight on 23/11/2021**

Characteristic		Number of cases	Percent	Percent where known
<b>Total number of confirmed cases</b>		61,315	100	
<b>Symptom status at time of test*</b>	Yes	17061	27.8	98.6
	No	235	0.4	1.4
	Unknown	44,019	71.8	
	Total cases where known	17296		
<b>Healthcare worker</b>	Yes	692	1.1	3.5
	No	18983	31.0	96.5
	Unknown	41,640	67.9	
	Total cases where known	19675		

\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

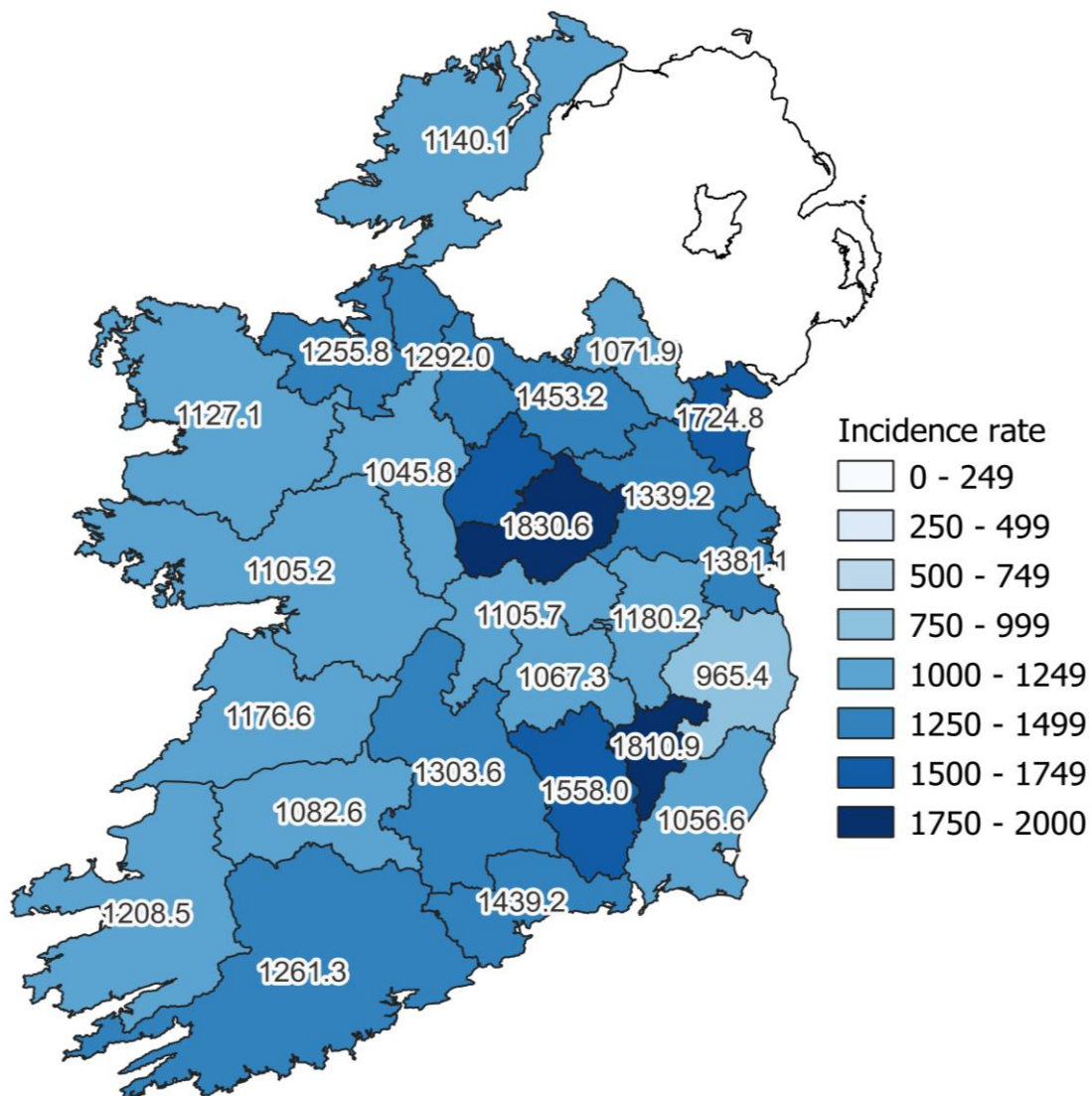


**Figure 2: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by notification date in Ireland from 10/11/2021 up to midnight on 23/11/2021**

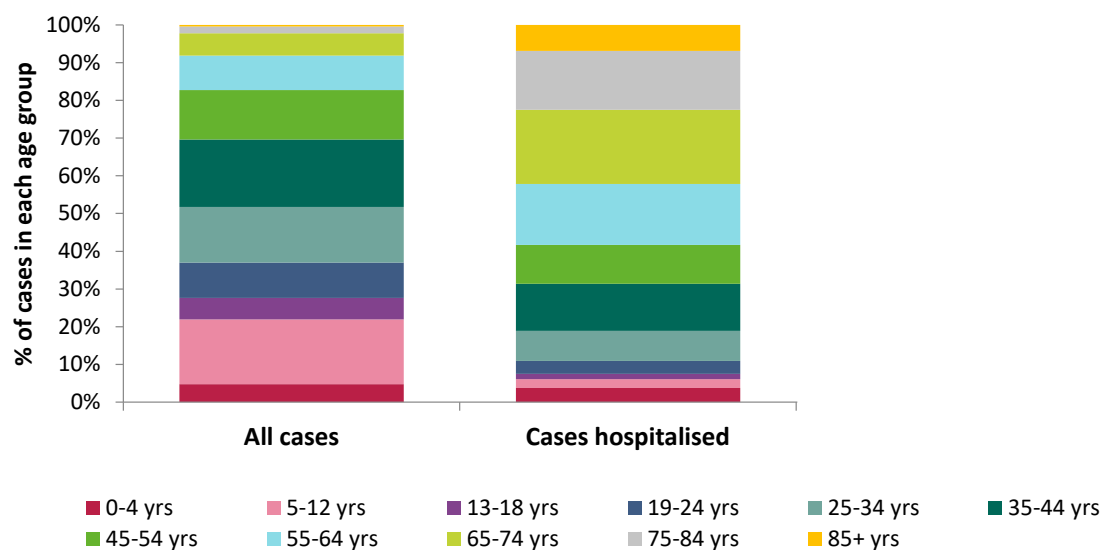
14 day incidence rates per 100,000 populations of confirmed cases of COVID-19 for individual counties can be found in appendix 1 of this report

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 10/11/2021 up to midnight on 23/11/2021, 7 day numbers are reported from 17/11/2021 up to midnight on 23/11/2021**

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 (19/11/2021 - 23/11/2021)
Westmeath	840	946.3	1625	1830.6	51.69	132
Carlow	506	888.8	1031	1810.9	49.08	75
Longford	339	829.4	613	1499.8	55.30	49
Louth	1,051	815.5	2223	1724.8	47.28	158
Kilkenny	800	806.2	1546	1558.0	51.75	117
Waterford	880	757.5	1672	1439.2	52.63	130
Cavan	556	729.9	1107	1453.2	50.23	76
Dublin	9,768	725.0	18609	1381.1	52.49	1488
Tipperary	1,099	688.8	2080	1303.6	52.84	166
Cork	3,384	623.4	6847	1261.3	49.42	525
Meath	1,192	611.1	2612	1339.2	45.64	170
Mayo	795	609.2	1471	1127.1	54.04	113
Kildare	1,343	603.6	2626	1180.2	51.14	195
Monaghan	367	597.9	658	1071.9	55.78	57
Donegal	951	597.4	1815	1140.1	52.40	150
Clare	703	591.7	1398	1176.6	50.29	105
Kerry	860	582.2	1785	1208.5	48.18	127
Wexford	866	578.4	1582	1056.6	54.74	137
Leitrim	180	561.7	414	1292.0	43.48	27
Roscommon	360	557.8	675	1045.8	53.33	43
Limerick	1,081	554.6	2110	1082.6	51.23	167
Sligo	356	543.2	823	1255.8	43.26	56
Galway	1,391	539.0	2852	1105.2	48.77	198
Offaly	381	488.7	862	1105.7	44.20	51
Laois	411	485.3	904	1067.3	45.46	59
Wicklow	649	455.7	1375	965.4	47.20	95
Unknown/Other						
<b>Total</b>	<b>31,109</b>	<b>653.3</b>	<b>61315</b>	<b>1287.6</b>	<b>50.74</b>	<b>4665</b>



**Figure 3: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 10/11/2021 up to midnight on 23/11/2021**



**Figure 5: Percentage of confirmed cases of COVID-19 notified in Ireland from 10/11/2021 up to midnight on 23/11/2021, in each age group, all cases, cases admitted to hospital and cases admitted to ICU\***

**Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 10/11/2021 up to midnight on 23/11/2021, 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	2932	4.8	24	3.8	<5	-
5-12 yrs	10531	17.2	15	2.3	<5	-
13-18 yrs	3485	5.7	9	1.4	<5	-
19-24 yrs	5734	9.4	22	3.4	<5	-
25-34 yrs	9058	14.8	51	8.0	<5	-
35-44 yrs	10926	17.8	80	12.5	5	14.7
45-54 yrs	8050	13.1	66	10.3	<5	-
55-64 yrs	5620	9.2	103	16.1	<5	-
65-74 yrs	3623	5.9	126	19.7	10	29.4
75-84 yrs	1106	1.8	100	15.6	<5	-
85+ yrs	239	0.4	44	6.9	<5	-
Unknown	11	0.0	0	0.0	0	0.0
<b>Total</b>	<b>61315</b>	<b>100</b>	<b>640</b>	<b>100</b>	<b>34</b>	<b>100</b>

\* 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 6: Daily number of confirmed COVID-19 cases notified in Ireland from 10/11/2021 up to midnight on 23/11/2021**

Date	Number of confirmed cases
10/11/2021	3677
11/11/2021	5480
12/11/2021	4639
13/11/2021	3804
14/11/2021	4569
15/11/2021	4406
16/11/2021	3631
17/11/2021	4647
18/11/2021	3137
19/11/2021	5959
20/11/2021	4179
21/11/2021	5630
22/11/2021	3664
23/11/2021	3893
<b>Total</b>	<b>61,315</b>



## **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  $\geq 85$  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 (10/11/2021 to 23/11/2021)**

