



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

Report prepared by HPSC on 09/11/2020

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 26/10/2020 up to midnight 08/11/2020

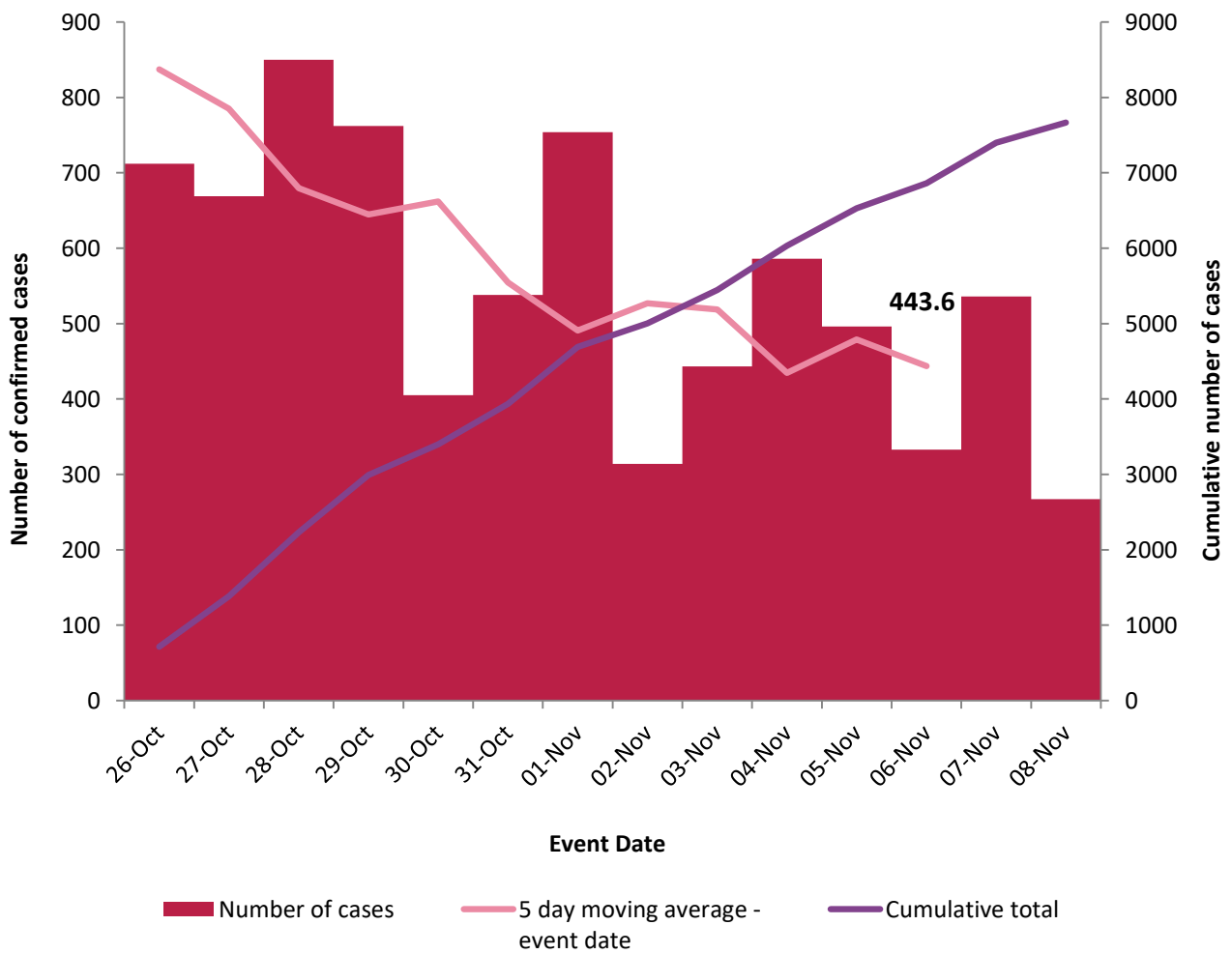
	Number	Percent
Total number of confirmed cases	7,665	
National incidence of confirmed cases per 100,000 population	160.97	
Number of cases hospitalised*	349	4.55
Number of cases admitted to ICU*	19	0.25
Number of deaths among confirmed cases	9	0.12
Case fatality ratio (CFR, %)	0.12	
National incidence of confirmed deaths per 100,000 population	0.19	
Number of cases** associated with clusters	1,855	24.2
Number of imported cases	10	0.13
Number of cases in healthcare workers	523	6.82
Males	3,682	48.04
Females	3,971	51.81
M:F ratio	0.93	
Median age (years)	35	
Mean age (years)	37	
Age range (years)	0 - 103	

\* The number of cases hospitalised and admitted to ICU relate only to events notified in the last 14 days and do not include cases notified prior to this and admitted to hospital or ICU in the last 14 days

\*\*Cases may be associated with outbreaks notified outside the timeframe of this report  
26/10/2020 - 08/11/2020

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 11:32 on 09/11/2020 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

Note 2: Due to the large volume of COVID-19 cases in recent days, the collection of surveillance data has been considerably reduced. Consequently, HPSC is currently producing an abridged version of the 14 day report.



**Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date from 26/10/2020 to midnight 08/11/2020 (n=7,665)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 26/10/2020 up to midnight on 08/11/202**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>7,665</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.93	
	Male	3,682	48.04
	Female	3,971	51.81
	Unknown	12	0.16
<b>Age</b>	Median age (years)	35	
	Mean age (years)	37	
	Age range (years)	0 - 103	
	0-4 yrs	331	4.32
	5-12 yrs	631	8.23
	13-18 yrs	658	8.58
	19-24 yrs	957	12.49
	25-34 yrs	1,199	15.64
	35-44 yrs	1,162	15.16
	45-54 yrs	1,107	14.44
	55-64 yrs	745	9.72
	65-74 yrs	431	5.62
	75-84 yrs	267	3.48
	85+ yrs	175	2.28
	Unknown	2	0.03
<b>Underlying clinical conditions</b>	Yes	976	12.73
	No	5,436	70.92
	Unknown	1,253	16.35
<b>Symptom status at time of test*</b>	Yes	4,261	55.59
	No	1,967	25.66
	Unknown	1,437	18.75

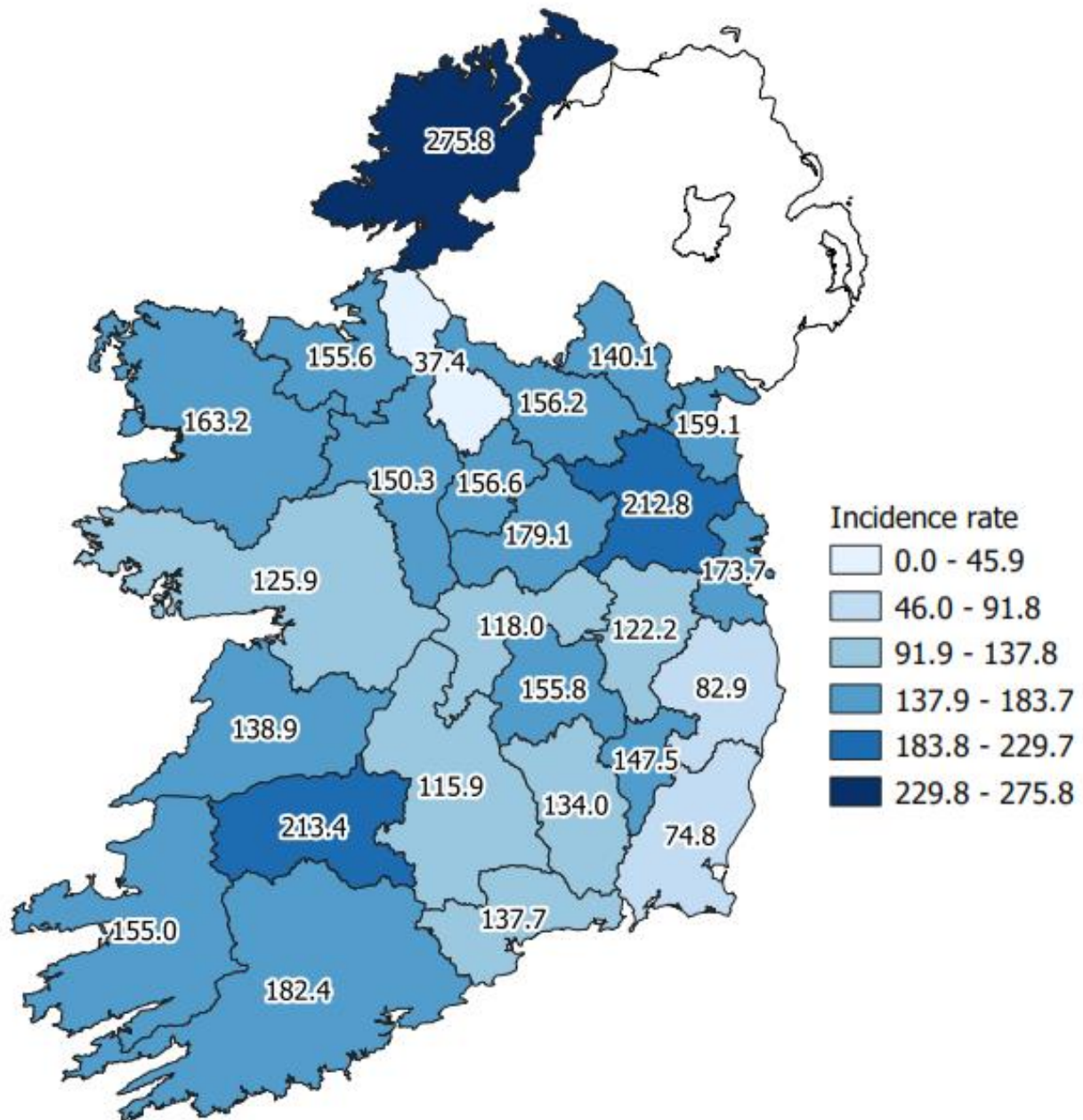
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 26/10/2020 to midnight 08/11/2020**

CHO Area	Number of confirmed cases	Incidence per 100,000 population	95% CI	
CHO1	758	193.7	180.2	208.0
CHO2	635	140.1	129.5	151.5
CHO3	703	182.6	169.3	196.6
CHO4	1219	176.5	166.7	186.7
CHO5	544	106.6	97.8	115.9
CHO6	437	114.0	103.6	125.3
CHO7	985	139.2	130.6	148.2
CHO8	1075	173.6	163.4	184.3
CHO9	1309	210.7	199.4	222.4
Unknown	0			
<b>Total</b>	<b>7,665</b>	<b>161.0</b>	<b>157.4</b>	<b>164.6</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 26/10/2020 to midnight 08/11/2020**

County	Number of confirmed cases	Incidence per 100,000 population	95% CI	
Donegal	439	275.8	250.6	302.8
Limerick	416	213.4	193.4	235.0
Meath	415	212.8	192.8	234.3
Cork	990	182.4	171.2	194.1
Westmeath	159	179.1	152.4	209.2
Dublin	2341	173.7	166.8	180.9
Mayo	213	163.2	142.0	186.7
Louth	205	159.1	138.0	182.4
Longford	64	156.6	120.6	200.0
Cavan	119	156.2	129.4	186.9
Laois	132	155.8	130.4	184.8
Sligo	102	155.6	126.9	188.9
Kerry	229	155.0	135.6	176.5
Roscommon	97	150.3	121.9	183.3
Carlow	84	147.5	117.7	182.7
Monaghan	86	140.1	112.1	173.0
Clare	165	138.9	118.5	161.7
Waterford	160	137.7	117.2	160.8
Kilkenny	133	134.0	112.2	158.8
Galway	325	125.9	112.6	140.4
Kildare	272	122.2	108.1	137.7
Offaly	92	118.0	95.1	144.7
Tipperary	185	115.9	99.8	133.9
Wicklow	118	82.9	68.6	99.2
Wexford	112	74.8	61.6	90.0
Leitrim	12	37.4	19.4	65.4
<b>Total</b>	<b>7,665</b>	<b>161.0</b>	<b>157.4</b>	<b>164.6</b>



**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 26/10/2020 and 08/11/2020**

*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.*

**Table 4: Number and incidence of confirmed COVID-19 cases by Dublin Local Health Offices (LHOs) notified in Ireland with a notification date between 26/10/2020 and 08/11/2020**

CCA	Local Health Office	Number of cases in past 14 days based on notification date	14 day incidence rates based on notification dates
CCA1	Dublin South	104	76.4
CCA2	Dublin South East	218	176.2
CCA3	Dublin South City	137	91.4
CCA4	Dublin South West	273	169.7
CCA5	Dublin West	300	193.1
CCA6	Dublin North West	511	246.1
CCA7	Dublin North Central	329	212.8
CCA8	Dublin North	469	181.0
	<b>Dublin</b>	<b>2,341</b>	<b>173.7</b>

**Note:** Local health offices (LHOs) came into operation on 1<sup>st</sup> September 2005, replacing Community Care Areas (CCAs). LHO population denominators are used in this report rather than CCA population denominators. The LHO rates were calculated using Census 2016 LHO denominator data extracted from the HSE Health Atlas and are not a direct match to the corresponding CCAs.

**Table 5: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 26/10/2020 to midnight 08/11/2020 by age group, hospitalisation and ICU admission\***

Age Group (years)	Number of cases (n)	Cases hospitalised (n)	Cases hospitalised (%)	Cases admitted to ICU (n)	Cases admitted to ICU (%)
0-4 yrs	331	5	1.43	0	0
5-12 yrs	631	6	1.72	0	0
13-18 yrs	658	6	1.72	0	0
19-24 yrs	957	12	3.44	2	10.53
25-34 yrs	1199	21	6.02	0	0
35-44 yrs	1162	35	10.03	2	10.53
45-54 yrs	1107	40	11.46	3	15.79
55-64 yrs	745	34	9.74	2	10.53
65-74 yrs	431	63	18.05	6	31.58
75-84 yrs	267	79	22.64	3	15.79
85+ yrs	175	48	13.75	1	5.26
Unknown	2			0	0
<b>Total</b>	<b>7,665</b>	<b>349</b>	<b>100</b>	<b>19</b>	<b>100</b>

\* The number of cases hospitalised and admitted to ICU relate only to events notified in the last 14 days and do not include cases notified prior to this and admitted to hospital or ICU in the last 14 days

## **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 at 11:32 on 09/11/2020. 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. Epidemiological date

Epidemiological date is derived from the earliest of onset date, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date and event creation/notification date.

### 3. Population data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-14 years, 15-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and  $\geq 85$  years.

### 3. Transmission classification

Transmission classification is based on country of infection as well as enhanced exposure data (international travel; close contact of a case) recorded in CIDR. Transmission is classified as 'unknown' due to incomplete data on CIDR.

Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

WHO definition of transmission classification is specified below:

- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within the reporting location.
- Imported cases only indicates locations where all cases have been acquired outside the location of reporting.

### 4. HSE areas

The counties covered by each HSE area are as follows:

- HSE East (E): Dublin, Kildare & Wicklow;
- HSE Midlands (M): Laois, Longford, Offaly & Westmeath;
- HSE Midwest (MW): Clare, Limerick & N. Tipperary;
- HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;
- HSE Northwest (NW): Donegal, Leitrim & Sligo;
- HSE South (S): Kerry & Cork;
- HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;
- HSE West (W): Galway, Mayo & Roscommon.

### 5. Outbreak location

Where an outbreak location is reported as a residential facility (RF) this includes nursing homes, community hospitals, long-stay units and residential institutions including mental health facilities, prisons and direct provision centres.

Other outbreak location includes community, extended family, hotel, public house, retail outlet, travel related and all other locations.