



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

Report prepared by HPSC on 13/02/2021

Summary characteristics of confirmed COVID-19 cases notified in Ireland from 30/01/2021 up to midnight 12/02/2021

	Number	Percent
Total number of confirmed cases	13,656	
National incidence of confirmed cases per 100,000 population	286.78	
Number of cases hospitalised*	1,026	7.51
Number of cases admitted to ICU*	44	0.32
Number of deaths among confirmed cases	88	0.64
Case fatality ratio (CFR, %)	0.64	
National incidence of confirmed deaths per 100,000 population	1.85	
Number of cases** associated with clusters	1,998	14.63
Number of imported cases	6	0.04
Number of cases in healthcare workers	1,206	8.83
Males	6,553	47.99
Females	7,087	51.9
M:F ratio	0.92	
Median age (years)	37	
Mean age (years)	40	
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  
30/01/2021 - 12/02/2021

**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 08:37 on 13/02/2021 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 1: Daily number and cumulative number of confirmed COVID-19 cases by notification\* and epidemiological date\* and 5 day moving average of cases by epidemiological date notified in Ireland by notification date\* from 30/01/2021 to midnight 12/02/2021**

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

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 30/01/2021 up to midnight on 12/02/2021**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>13,656</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.92	
	Male	6,553	47.99
	Female	7,087	51.9
	Unknown	16	0.12
<b>Age</b>	Median age (years)	37	
	Mean age (years)	40	
	Age range (years)	0 - 103	
	0-4 yrs	525	3.84
	5-12 yrs	810	5.93
	13-18 yrs	991	7.26
	19-24 yrs	1,600	11.72
	25-34 yrs	2,206	16.15
	35-44 yrs	2,262	16.56
	45-54 yrs	1,956	14.32
	55-64 yrs	1,394	10.21
	65-74 yrs	726	5.32
	75-84 yrs	642	4.7
	85+ yrs	535	3.92
	Unknown	9	0.07
<b>Underlying clinical conditions</b>	Yes	1,488	10.9
	No	9,231	67.6
	Unknown	2,937	21.51
<b>Symptom status at time of test*</b>	Yes	8,215	60.16
	No	2,348	17.19
	Unknown	3,093	22.65

\*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.

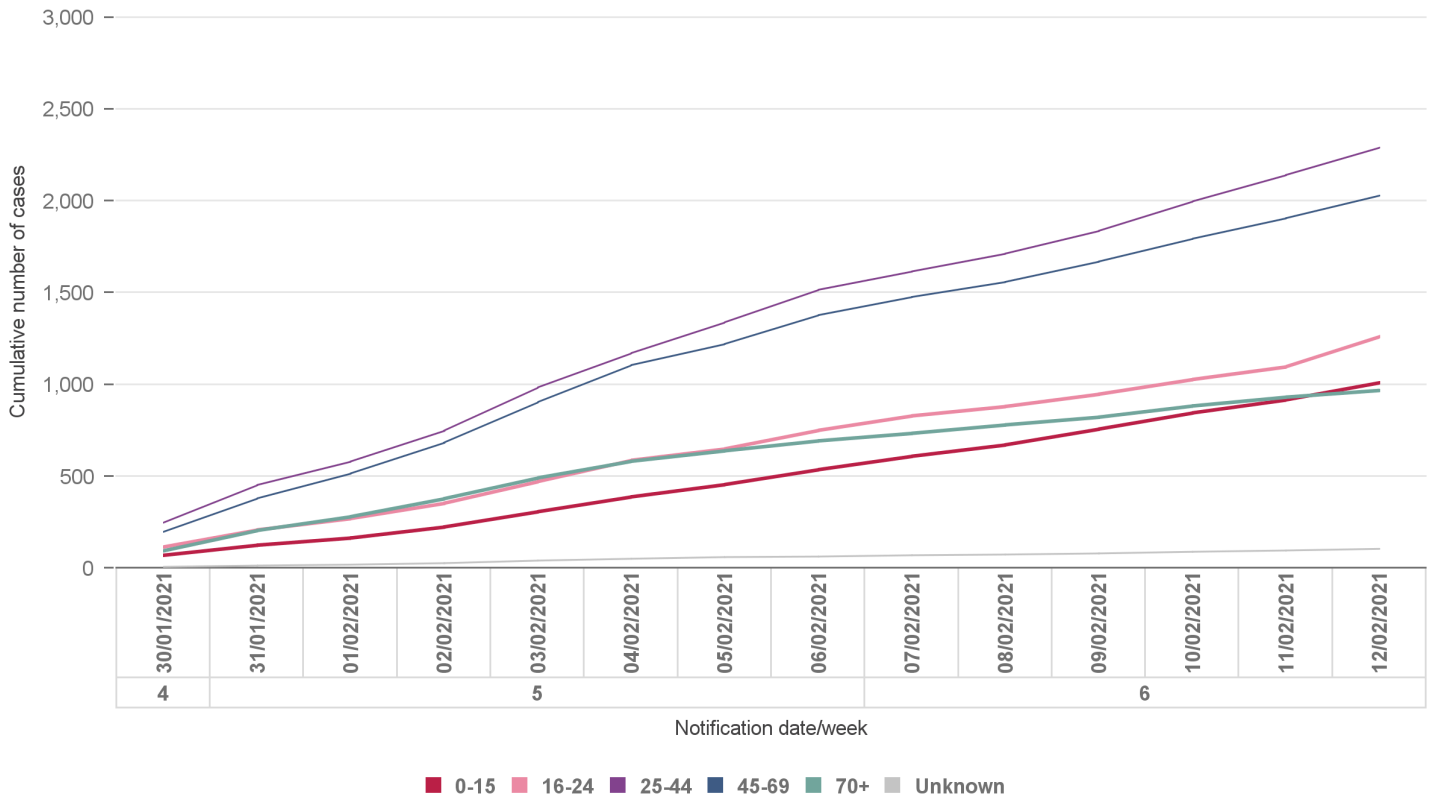


Figure 2: Cumulative number of confirmed COVID-19 cases notified in Ireland by date/week of notification and age group from 30/01/2021 to midnight 12/02/2021

**Table 2: Characteristics of confirmed COVID-19 cases by county notified from 30/01/2021 to midnight 12/02/2021**

County	Cases		M:F ratio	Median age (years)	Healthcare workers		Associated with clusters	
	N	%			N	%	N	%
Dublin	5,077	37.18	0.96	36	404	7.96	369	7.27
Cork	1,041	7.62	0.74	43	135	12.97	337	32.37
Galway	826	6.05	0.93	32	48	5.81	199	24.09
Kildare	638	4.67	1.01	39	56	8.78	48	7.52
Limerick	555	4.06	0.85	35	73	13.15	78	14.05
Meath	555	4.06	0.83	40	60	10.81	77	13.87
Wexford	554	4.06	0.92	38	44	7.94	72	13
Waterford	434	3.18	1.11	40	37	8.53	18	4.15
Louth	431	3.16	1.09	42	36	8.35	37	8.58
Mayo	381	2.79	0.78	41.5	55	14.44	70	18.37
Donegal	338	2.48	0.91	37	35	10.36	89	26.33
Monaghan	323	2.37	1.11	39	26	8.05	74	22.91
Wicklow	272	1.99	0.79	33	16	5.88	66	24.26
Offaly	267	1.96	0.88	38	21	7.87	93	34.83
Tipperary	267	1.96	1.05	39	28	10.49	12	4.49
Laois	260	1.9	1.1	42	19	7.31	64	24.62
Westmeath	215	1.57	0.62	37	32	14.88	76	35.35
Carlow	212	1.55	0.88	37	8	3.77	9	4.25
Cavan	212	1.55	1	42	14	6.6	25	11.79
Kerry	169	1.24	0.99	36	16	9.47	52	30.77
Clare	167	1.22	0.82	42	10	5.99	47	28.14
Kilkenny	122	0.89	0.91	37.5	6	4.92	4	3.28
Sligo	121	0.89	0.95	38	16	13.22	36	29.75
Longford	90	0.66	0.91	35.5	5	5.56	25	27.78
Roscommon	78	0.57	1.17	29.5	1	1.28	10	12.82
Leitrim	51	0.37	0.96	32	5	9.8	11	21.57
<b>National</b>	<b>13,656</b>	<b>100</b>	<b>0.92</b>	<b>37</b>	<b>1,206</b>	<b>8.83</b>	<b>1,998</b>	<b>14.63</b>

**Table 3: Characteristics of confirmed COVID-19 cases by CHO notified from 30/01/2021 to midnight 12/02/2021**

CHO Area	Cases		M:F ratio	Mean age (years)	Healthcare workers		Associated with clusters	
	N	%			N	%	N	%
CHO1	1,045	7.65	0.99	40	96	9.19	235	22.49
CHO2	1,285	9.41	0.9	39	104	8.09	279	21.71
CHO3	835	6.11	0.87	40	103	12.34	131	15.69
CHO4	1,210	8.86	0.77	44	151	12.48	389	32.15
CHO5	1,475	10.8	0.97	40	103	6.98	108	7.32
CHO6	1,114	8.16	0.92	38	71	6.37	151	13.55
CHO7	2,049	15	0.93	39	178	8.69	171	8.35
CHO8	1,819	13.32	0.9	40	173	9.51	373	20.51
CHO9	2,824	20.68	0.99	39	227	8.04	161	5.7
<b>National</b>	<b>13,656</b>	<b>100</b>	<b>0.92</b>	<b>40</b>	<b>1,206</b>	<b>8.83</b>	<b>1,998</b>	<b>14.63</b>

**Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 30/01/2021 to midnight 12/02/2021**

Most likely transmission source	Number of cases	Percent
Travel related *	77	0.56%
Close contact with a known confirmed case	6,027	44.13%
Healthcare setting acquired: patient	929	6.80%
Healthcare setting acquired: staff	620	4.54%
Community transmission	2,434	17.82%
Under investigation	3,569	26.14%
<b>Total</b>	<b>13,656</b>	<b>100.00%</b>

\*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

**Table 5: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 30/01/2021 to midnight 12/02/2021**

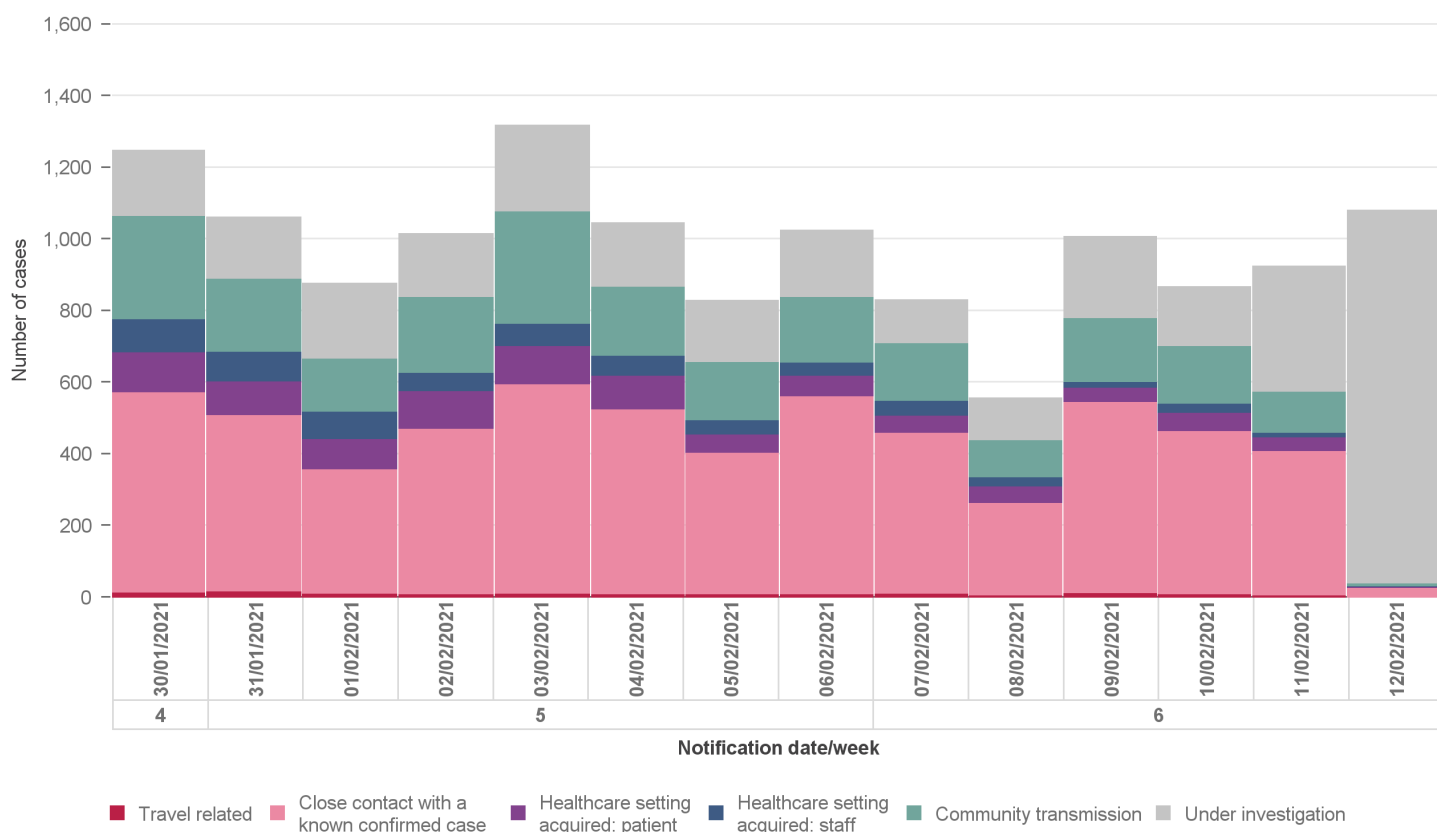
CHO Area	Total number of confirmed cases	Incidence per 100,000 population
CHO1	1,045	
CHO2	1,285	
CHO3	835	
CHO4	1,210	
CHO5	1,475	
CHO6	1,114	
CHO7	2,049	
CHO8	1,819	
CHO9	2,824	
Unknown	0	
<b>Total</b>	<b>13,656</b>	

**Table 6: Number of confirmed COVID-19 cases by county notified in Ireland from 30/01/2021 to midnight 12/02/2021**

County	Total number of confirmed cases	Incidence per 100,000 population
Carlow	212	
Cavan	212	
Clare	167	
Cork	1,041	
Donegal	338	
Dublin	5,077	
Galway	826	
Kerry	169	
Kildare	638	
Kilkenny	122	
Laois	260	
Leitrim	51	
Limerick	555	
Longford	90	
Louth	431	
Mayo	381	
Meath	555	
Monaghan	323	
Offaly	267	
Roscommon	78	
Sligo	121	
Tipperary	267	
Waterford	434	
Westmeath	215	
Wexford	554	
Wicklow	272	
<b>Total</b>	<b>13,656</b>	

**Table 7: Number of confirmed COVID-19 cases by country of infection notified from 30/01/2021 to midnight 12/02/2021**

Country of infection	Number of cases	Percent
Croatia	2	0.01%
Ireland	12,796	93.70%
Italy	1	0.01%
Moldova, Republic of	1	0.01%
Nigeria	1	0.01%
Not specified	845	6.19%
South Africa	1	0.01%
Unknown	9	0.07%
<b>Total</b>	<b>13,656</b>	<b>100.00%</b>



**Figure 3: Number of confirmed COVID-19 cases notified in Ireland by date/week of notification and most likely transmission source from 30/01/2021 to midnight 12/02/2021**



**Table 8: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 30/01/2021 to midnight 12/02/2021 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	525	16	1.56	0	0
5-12 yrs	810	19	1.85	0	0
13-18 yrs	991	18	1.75	0	0
19-24 yrs	1600	45	4.39	0	0
25-34 yrs	2206	79	7.7	1	2.27
35-44 yrs	2262	80	7.8	4	9.09
45-54 yrs	1956	112	10.92	10	22.73
55-64 yrs	1394	142	13.84	12	27.27
65-74 yrs	726	142	13.84	14	31.82
75-84 yrs	642	220	21.44	2	4.55
85+ yrs	535	152	14.81	1	2.27
Unknown	9	1	0.1	0	0
<b>Total</b>	<b>13,656</b>	<b>1,026</b>	<b>100</b>	<b>44</b>	<b>100</b>

**Table 9: Number and proportion of confirmed cases of COVID-19 notified in Ireland from 30/01/2021 to midnight 12/02/2021 by age-group, hospitalisation, ICU admission\* and vital status**

	0-4 yrs	5-12 yrs	13-18 yrs	19-24 yrs	25-34 yrs	35-44 yrs	45-54 yrs	55-64 yrs	65-74 yrs	75-84 yrs	85+ yrs	Unknwn
Number of cases (n)	525	810	991	1,600	2,206	2,262	1,956	1,394	726	642	535	9
Cases hospitalised (n)	16	19	18	45	79	80	112	142	142	220	152	1
Cases hospitalised (%)	3.05	2.35	1.82	2.81	3.58	3.54	5.73	10.19	19.56	34.27	28.41	11.11
Cases admitted to ICU (n)	0	0	0	0	1	4	10	12	14	2	1	0
Cases admitted to ICU (%)	0	0	0	0	0.05	0.18	0.51	0.86	1.93	0.31	0.19	0
Deaths (n)	0	0	0	0	0	1	1	3	9	29	45	0
Case fatality ratio (%)	0	0	0	0	0	0.04	0.05	0.22	1.24	4.52	8.41	0

\* 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

**Table 10: Characteristics of sporadic\*\* confirmed COVID-19 cases notified in Ireland from 30/01/2021 up to midnight on 12/02/2021**

Characteristic		Number of cases	Percent	
<b>Total number of sporadic confirmed cases</b>		<b>11,658</b>	<b>100</b>	
<b>Sex</b>	Male:Female ratio	0.97		
	Male	5,747	49.3	
	Female	5,897	50.58	
	Unknown	14	0.12	
<b>Age</b>	Median age (years)	36		
	Mean age (years)	38		
	Age range (years)	0 - 103		
	0-4 yrs	451	3.87	
	5-12 yrs	740	6.35	
	13-18 yrs	895	7.68	
	19-24 yrs	1,446	12.4	
	25-34 yrs	1,924	16.5	
	35-44 yrs	1,946	16.69	
	45-54 yrs	1,696	14.55	
	55-64 yrs	1,209	10.37	
	65-74 yrs	629	5.4	
	75-84 yrs	443	3.8	
	85+ yrs	270	2.32	
	Unknown	9	0.08	
		Number of HCW	803	6.89
		Number hospitalised*	891	7.64
	Number admitted to ICU*	42	0.36	
	Number of deaths	42	0.36	
	Number with underlying condition	1,036	8.89	
<b>Most likely transmission source</b>	Travel related	76	0.65	
	Close contact with a known confirmed case	5,420	46.49	
	Healthcare setting acquired: patient	430	3.69	
	Healthcare setting acquired: staff	328	2.81	
	Community transmission	2,222	19.06	
	Under investigation	3,182	27.29	

\* 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

\*\* Sporadic cases are cases not currently linked to an outbreak in CIDR

## Deaths among COVID-19 cases

Table 11: Summary of deaths in all COVID-19 cases notified in Ireland from 30/01/2021 up to midnight 12/02/2021

	Number	Percent
Total number of deaths	92	
Confirmed	88	95.65
Possible	4	4.35
Total number of cases hospitalised	43	46.74
Cases admitted to ICU	2	2.17
Cases not admitted to ICU	41	44.57
Total number of imported cases	0	
Number of cases in healthcare workers	0	
Number with underlying clinical conditions	64	69.57
Total number of male cases	52	56.52
M:F ratio	1.3	
Median age (years)	85	
Mean age (years)	83	
Age range (years)	43 - 100	

Table 12: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 30/01/2021 up to midnight 12/02/2021

Age group (years)	Female	Male	Total	Percent
35-44 yrs	1		1	1.09
45-54 yrs		1	1	1.09
55-64 yrs	1	2	3	3.26
65-74 yrs	4	6	10	10.87
75-84 yrs	12	18	30	32.61
85+ yrs	22	25	47	51.09
<b>Total</b>	<b>40</b>	<b>52</b>	<b>92</b>	<b>100</b>
<b>Percent</b>	<b>43.48</b>	<b>56.52</b>		

## **Acknowledgements**

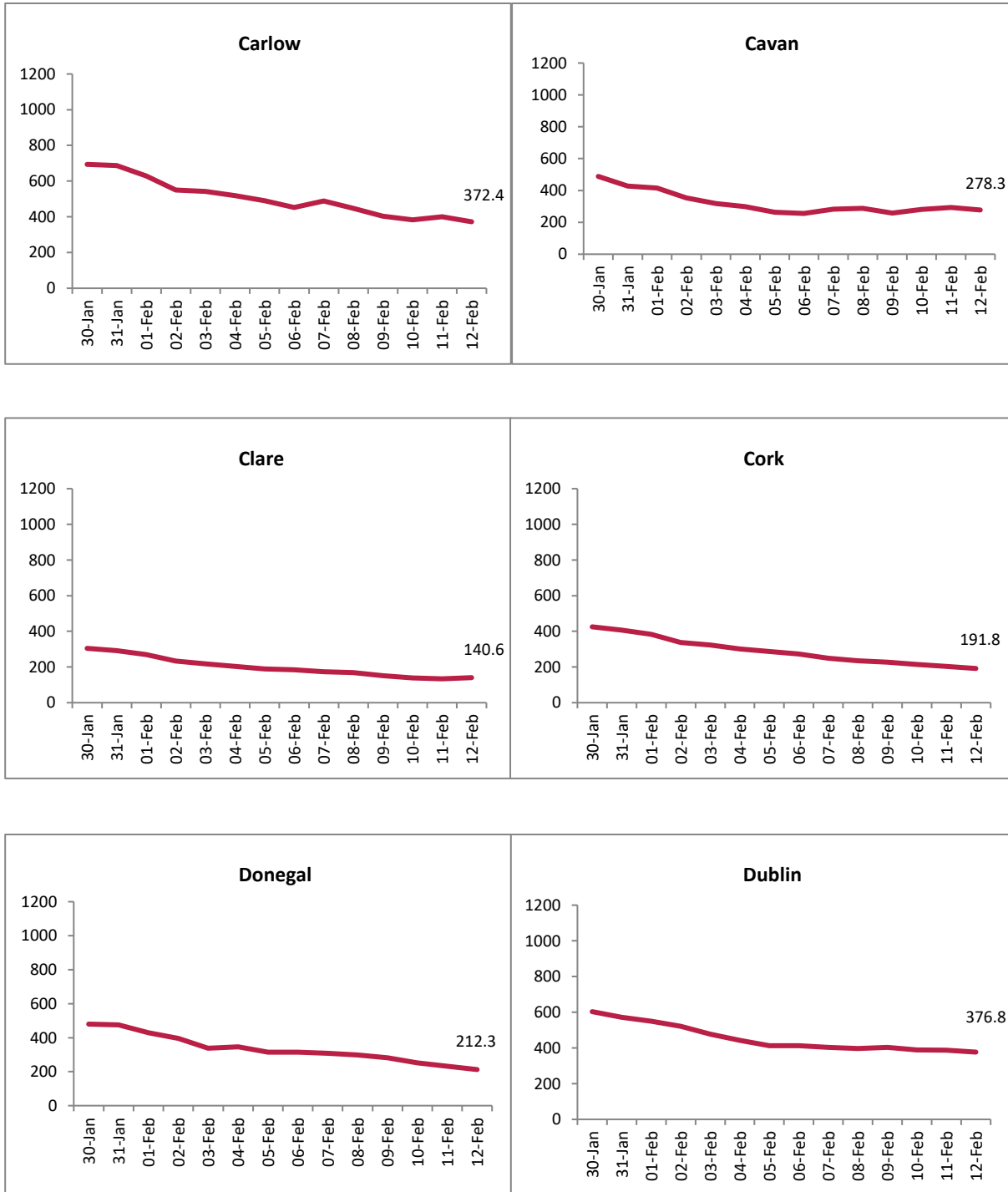
Sincere thanks are extended to all those who are participating in the collection of data and reporting of data used in these reports. This includes the HSE COVID-19 Contact Management Programme (CMP), staff in ICU units, notifying clinicians, laboratory staff, public health doctors, nurses, surveillance scientists, microbiologists and administrative staff.

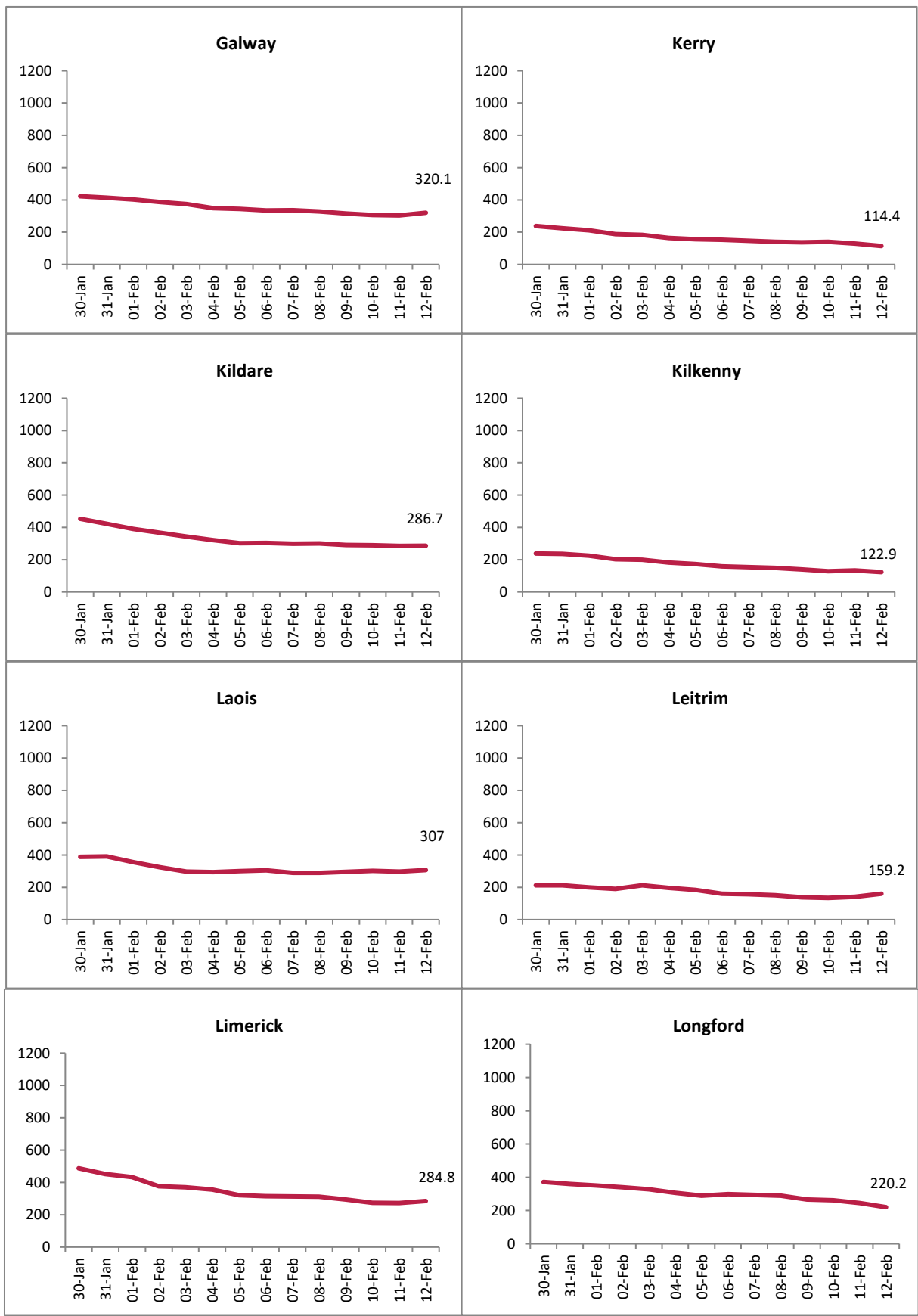
**Report prepared by COVID-19 Epidemiology Team, HPSC**



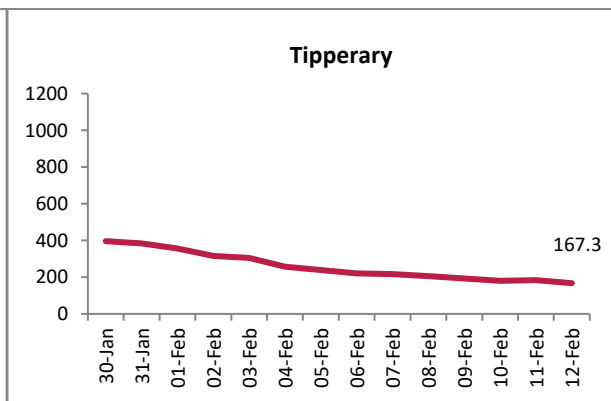
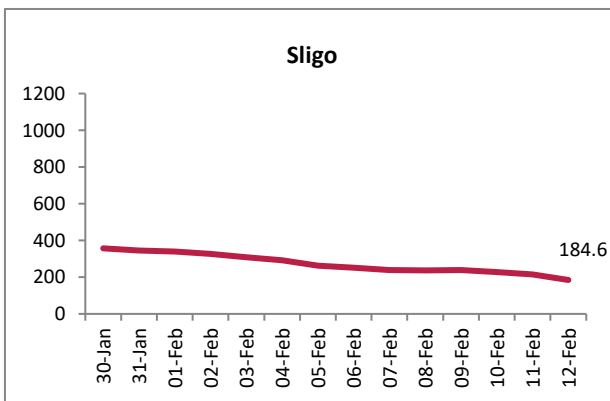
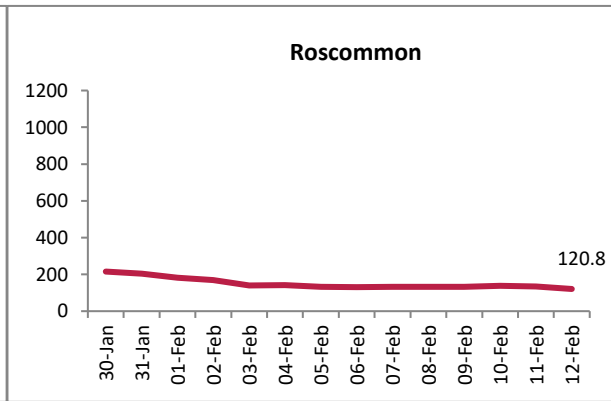
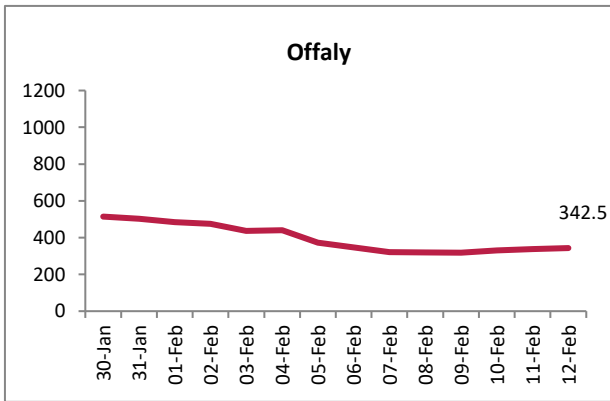
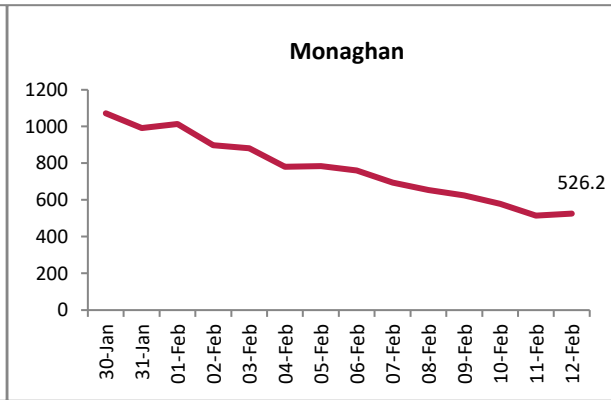
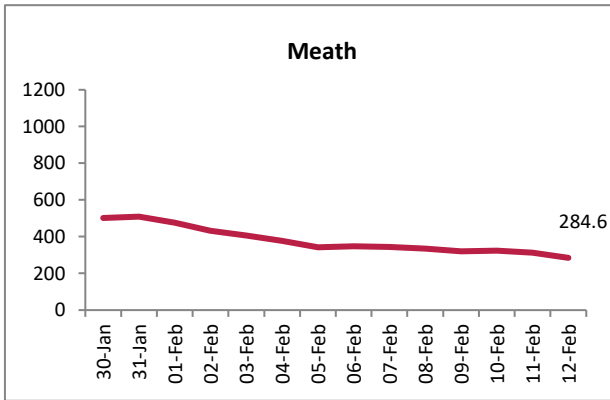
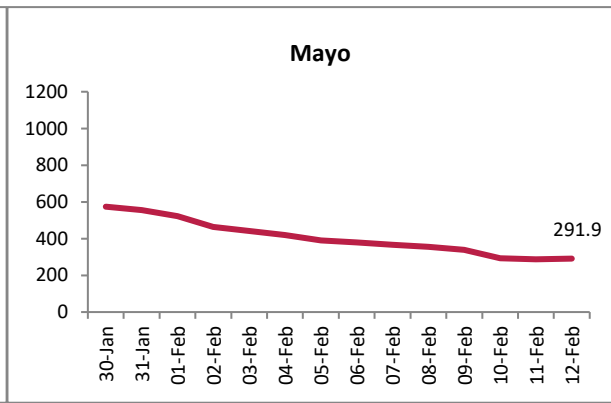
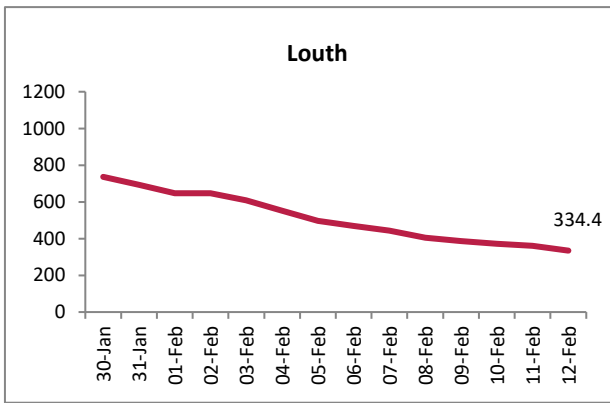
## Appendix 1

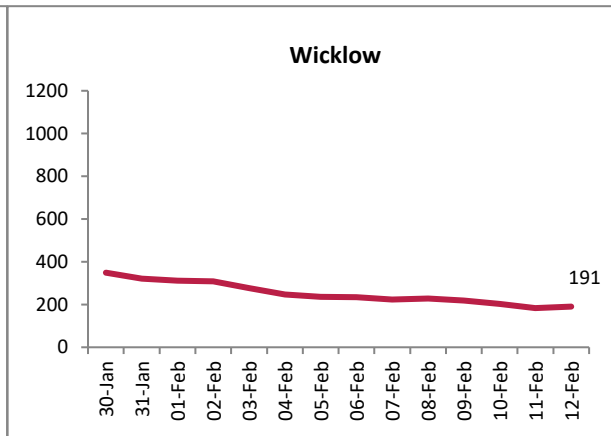
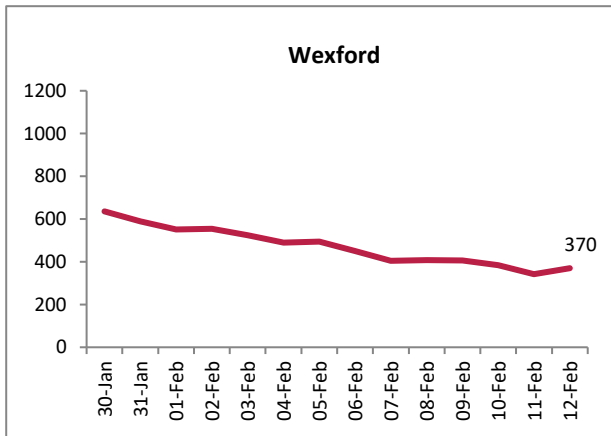
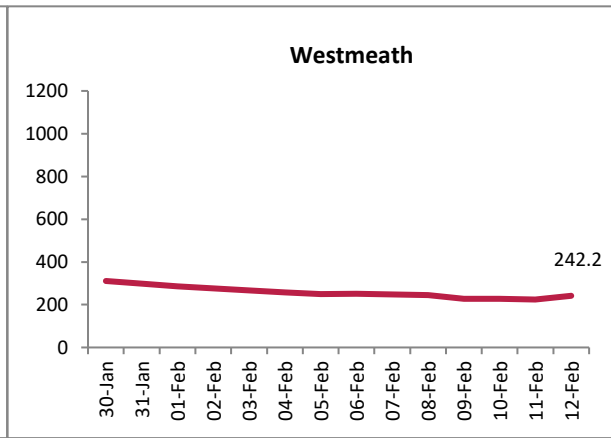
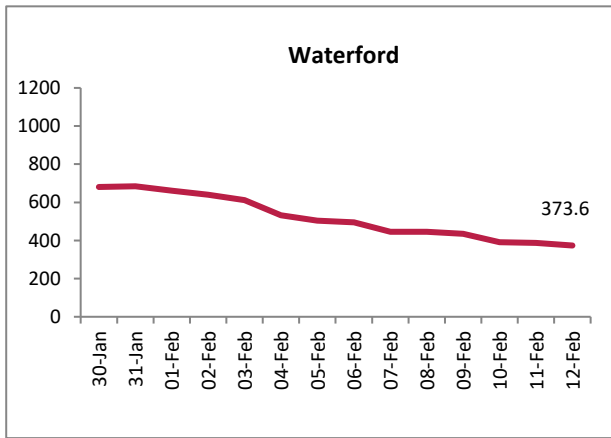
Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (30/01/2021 to 12/02/2021)











**Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (30/01/2021 to 12/02/2021)**



Report prepared by Health Protection Surveillance Centre on 13/02/2021