



Epidemiology of COVID-19 Outbreaks/Clusters in Ireland

Weekly Report Highlights

Prepared by HPSC on 13th October 2020

Week 41 2020 (week ending 10th October 2020)

Note: Data are provisional

This report includes data extracted from CIDR on 12th October 2020 at 09:15am and includes COVID-19 outbreaks notified on CIDR up to midnight 10/10/2020.

Table 1: Number of COVID-19 outbreaks notified in Ireland by outbreak setting and by closure status, up to midnight on Saturday 10/10/2020, N=4,957.

Outbreak Location	Closed	Open	Total	Total Week 41
Hospital	109	21	130	8
Nursing home	266	40	306	11
Community Hospital/Long-stay unit	30	2	32	1
Residential institution	189	32	221	6
Other healthcare service	0	3	3	1
Private house	1626	1906	3532	352
Workplace	81	99	180	23
Travel related	42	11	53	0
Transport	0	2	2	2
Extended family	52	67	119	22
Childcare facility	5	24	29	15
Community outbreak	18	74	92	27
Hotel	2	2	4	1
Public house	5	9	14	4
Restaurant / Cafe	9	20	29	7
Social gathering	4	26	30	4
Retail outlet	11	5	16	1
School*	12	61	73	25
University/college	1	3	4	0
Religious/Other ceremony	0	7	7	1
Sporting activity/fitness	2	7	9	3
Other recreation activity	0	1	1	0
Other	18	53	71	8
Unknown	0	0	0	0
Not specified	0	0	0	0
Total	2482	2475	4957	522

*These outbreaks are outbreaks associated with school children +/- school staff. Transmission of COVID-19 within the school has not necessarily been established in these outbreaks.

COVID-19 Outbreaks in Workplaces

In total, **180** COVID-19 outbreaks in workplaces¹ have been notified up to midnight on 10/10/2020

- Workplace outbreaks involved a variety of workplaces and facilities.
- **67** notified COVID-19 outbreaks involved various food/beverage related industries, of which **43** were in meat/poultry/fish processing plants in all HSE Areas (Table 2), and **five** were in mushroom farms/facilities.

In **week 41**, one outbreak occurred in a meat/poultry/fish processing plant while three occurred in other food processing plants. Four outbreaks occurred on construction sites and one additional outbreak in a business associated with the construction sector.

Table 2. Number of COVID-19 workplace outbreaks notified up to midnight on 10/10/2020 and laboratory confirmed cases linked to workplace outbreaks*.

Workplace outbreaks	Number of outbreaks notified			Laboratory confirmed cases linked to outbreaks				
	Week 41 2020	Week 10-41 2020	Number open	Cases notified in week 41	Total cases	Total hospitalised cases	Total ICU cases	Total number of deaths**
Workplace - Meat/poultry/fish processing plant	1	44	17	18	1675	37	11	<5
Workplace - Construction industry	5	28	21	<5	116	<5	0	<5
Workplace - other	17	108	61	21	471	15	5	<5
Total	23	180	99	42	2262	53	16	<5

* Cases numbers <5 are not presented here

**All COVID-19 cases that died and were linked to outbreaks in these settings have been laboratory confirmed. No deaths in probable/possible cases linked to outbreaks in these settings have been notified.

¹ Workplace outbreaks exclude the following workplaces hospitals, residential facilities, hotels, public houses, retail outlets, and other settings (outbreaks in GP practices and outbreaks associated with home carers). These are reported under those headings in the full weekly outbreak report.

COVID-19 Outbreaks Vulnerable Populations

This brief overview of COVID-19 outbreaks in vulnerable populations/settings only includes outbreaks involving the Roma community, Irish Traveller community, outbreaks in Direct Provision Centres, facilities for the homeless/those with addiction issues and prisons notified up to midnight on 10/10/2020 (Table 3). COVID-19 outbreaks and cases are continuously validated/updated on Ireland's National Computerised Infectious Disease Reporting System (CIDR).

- There were eight new outbreaks reported in vulnerable populations during week 41:
 - All were among members of the Irish Traveller community
- For outbreaks involving prisons, available data reported on CIDR indicate that all cases were in staff.

Table 3. Number of COVID-19 outbreaks in settings involving vulnerable populations, including the Roma community, Irish Traveller community, outbreaks in Direct Provision Centres, facilities for the homeless/those with addiction issues and prisons notified up to midnight on 10/10/2020 and laboratory confirmed cases linked to these outbreaks*. *Data source: CIDR*

Vulnerable populations	Number of outbreaks notified			Laboratory confirmed cases linked to outbreaks				
	Week 41	Week10-41	Number open	Cases notified in week 41	Total cases	Total hospitalised cases	Total ICU cases	Total number of deaths*
Roma community	0	6	1	0	81	13	6	5
Irish Traveller community	8	28	19	44	243	19	<5	<5
Direct provision centres	0	31	7	0	314	15	<5	<5
Homeless^ / those with addiction issues	0	11	4	0	30	5	<5	<5
Prisons	0	6	0	0	24	<5	<5	<5
Total	8	82	31	44	692	55	11	7

* Cases numbers <5 are not presented here

^ this includes some facilities that provide long term supported accommodation. Also includes staff of homeless facilities.

**All COVID-19 cases that died and were linked to outbreaks in these settings have been laboratory confirmed. No deaths in probable/possible cases linked to outbreaks in these settings have been notified.