

Clostridium difficile infection notifications Week 42, 2017

Notification Period 15/10/2017 - 21/10/2017

Background Information:

Clostridium difficile infection is a notifiable disease since 04/05/2008, i.e. Week 19, 2008. Prior to 2012, only new cases of C. difficile infection were notifiable. The case definition for this disease has been revised and since 01/01/2012, both new and recurrent cases are notifiable. Case definitions are available at www.hpsc.ie

This report presents the number of weekly C. difficile infection events notified in Ireland and distinguishes between cases with new or recurrent infection. Figures presented for 2011 relate to new cases only, while the figures from 2012 onwards include both new and recurrent cases.

The report is based on data extracted from the Computerised Infectious Disease Reporting (CIDR) system on the date indicated in the page footer.

These data are provisional and are subject to final data validation.



Clostridium difficile infection events by HSE Area in Week 42, 2017

HSE Area	New infection	Recurrent infection	Status of infection unknown	Total
HSE - E	2	0	5	7
HSE - M	1	0	0	1
HSE - MW	3	0	0	3
HSE - NE	3	0	0	3
HSE - NW	2	0	0	2
HSE - S	2	0	0	2
HSE - SE	11	0	0	11
HSE - W	4	0	0	4
Total	28	0	5	33



Clostridium difficile infection events by HSE Region in Week 42, 2017

HSE Region	New infection	Recurrent infection	Status of infection unknown	Total
Dublin Mid Leinster	2	0	3	5
Dublin North East	4	0	2	6
South	13	0	0	13
West	9	0	0	9
Total	28	0	5	33

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Clostridium difficile infection events by Age Group in Week 42, 2017

Age Group	New infection	Recurrent infection	Status of infection unknown	Total
0-4 yrs	0	0	0	0
5-14 yrs	0	0	1	1
15-54 yrs	5	0	1	6
55-64 yrs	4	0	1	5
65-74 yrs	8	0	0	8
75+ yrs	11	0	2	13
Unknown	0	0	0	0
Total	28	0	5	33



Clostridium difficile infection events by Gender in Week 42, 2017

Gender	New infection	Recurrent infection	Status of infection unknown	Total
Male	7	0	3	10
Female	21	0	2	23
Unknown	0	0	0	0
Not Specified	0	0	0	0
Total	28	0	5	33

Clostridium difficile infection events from Week 43, 2016 to Week 42, 2017



Prior to week 19, 2008, C. difficile infection was not notifiable in Ireland. The table below presents C. difficile infection events by week for the past year, by status of infection.

Year	Week Number	New infection	Recurrent infection	Status of infection unknown	Total
2016	43	28	3	4	35
	44	23	3	12	38
	45	22	0	11	33
	46	29	3	2	34
	47	20	3	8	31
	48	25	9	2	36
	49	19	0	5	24
	50	30	6	0	36
	51	57	2	3	62
2017	52	7	0	3	10
	1	20	3	5	28
	2	31	3	2	36
	3	15	2	5	22
	4	24	0	13	37
	5	27	0	10	37
	6	22	6	3	31
	7	22	4	18	44
	8	30	1	14	45
	9	16	2	7	25
	10	18	2	6	26
	11	19	5	5	29
	12	25	2	6	33
	13	23	3	7	33
	14	9	0	3	12
	15	19	0	2	21
	16	33	2	6	41
	17	24	5	9	38
	18	18	0	2	20
	19	38	5	1	44
	20	36	1	0	37
	21	29	3	0	32
	22	24	2	0	26
	23	24	2	4	30
	24	16	1	2	19
	25	36	2	3	41
	26	29	1	2	32
	27	51	3	0	54
	28	19	1	1	21
	29	33	9	4	46
	30	22	1	2	25
	31	63	2	6	71
	32	14	0	7	21
	33	47	2	7	56
	34	27	3	3	33
	35	25	5	9	39
	36	26	1	6	33
	37	37	1	9	47
	38	26	0	6	32
	39	25	6	9	40
	40	29	0	1	30
	41	49	7	11	67
	42	28	0	5	33
Total		1408	127	271	1806

NEW Clostridium difficile infection events by HSE Region and Week from Week 43, 2016 to Week 42, 2017

Please note: Where cases are hospitalised or cared for in an institution which is located in a HSE Region different from their region of residence, then the number of C. difficile events relates to the region where the hospital or institution is located and not the region of residence. Only cases notified as NEW infection are presented here.

Year	Week	Dublin Mid Leinster	Dublin North East	South	West	Total
2016	43	3	4	8	13	28
	44	15	4	2	2	23
	45	2	3	9	8	22
	46	3	2	12	12	29
	47	2	3	5	10	20
	48	6	4	11	4	25
	49	3	5	6	5	19
	50	4	5	10	11	30
	51	29	6	14	8	57
	52	1	1	0	5	7
2017	1	0	3	9	8	20
	2	7	2	8	14	31
	3	4	2	3	6	15
	4	1	3	7	13	24
	5	6	3	10	8	27
	6	3	0	15	4	22
	7	11	0	3	8	22
	8	1	5	12	12	30
	9	0	4	8	4	16
	10	4	1	8	5	18
	11	4	1	5	9	19
	12	1	6	11	7	25
	13	7	1	8	7	23
	14	2	0	4	3	9
	15	6	4	4	5	19
	16	3	5	19	6	33
	17	3	5	6	10	24
	18	3	1	4	10	18
	19	15	2	13	8	38
	20	6	11	7	12	36
	21	5	7	4	13	29
	22	3	2	9	10	24
	23	5	3	9	7	24
	24	4	1	6	5	16
	25	3	6	9	18	36
	26	6	3	7	13	29
	27	17	7	17	10	51
	28	2	4	7	6	19
	29	10	9	9	5	33
	30	2	1	5	14	22
	31	37	10	11	5	63
	32	1	2	8	3	14
	33	23	4	10	10	47
	34	2	8	6	11	27
	35	3	7	12	3	25
	36	7	6	4	9	26
	37	3	4	18	12	37
	38	1	2	15	8	26
	39	6	4	9	6	25
	40	6	2	10	11	29
	41	35	5	5	4	49
	42	2	4	13	9	28
Total		338	197	444	429	1408

Past Years Summary of NEW Clostridium difficile infection events by Week



Please note figures presented below relate to NEW cases of C. difficile infection notified. The data for the current week are highlighted in red and bold. Prior to week 19, 2008, Clostridium difficile infection was not notifiable in Ireland. Weeks with no data are marked with a dash.

Week Number	2017	2016	2015	2014	2013	2012	2011
1	20	50	51	41	33	40	33
2	31	23	31	34	45	33	50
3	15	44	17	39	46	36	37
4	24	19	30	31	52	25	52
5	27	22	23	25	26	31	42
6	22	26	24	35	33	16	46
7	22	29	23	20	25	60	53
8	30	46	41	28	21	30	28
9	16	17	29	24	33	41	43
10	18	48	44	24	40	39	39
11	19	27	41	24	41	25	24
12	25	27	36	26	22	16	33
13	23	23	20	21	43	37	29
14	9	34	47	35	27	24	40
15	19	34	29	38	30	26	43
16	33	35	34	21	35	32	27
17	24	16	30	22	29	37	26
18	18	28	35	38	37	12	33
19	38	35	29	29	31	27	39
20	36	39	40	35	32	47	32
21	29	20	32	35	33	43	39
22	24	26	27	22	46	34	42
23	24	32	27	26	24	25	68
24	16	29	31	29	35	40	33
25	36	19	30	27	38	22	45
26	29	18	36	25	36	28	32
27	51	29	35	36	38	26	29
28	19	40	37	31	27	29	34
29	33	36	28	27	31	21	23
30	22	21	36	41	36	24	32
31	63	24	22	22	26	34	21
32	14	17	28	26	27	69	28
33	47	40	22	19	30	22	32
34	27	21	42	42	31	37	43
35	25	43	38	35	27	35	29
36	26	28	27	40	37	17	27
37	37	25	33	39	22	40	38
38	26	46	48	20	29	24	28
39	25	21	44	36	26	22	23
40	29	21	31	32	36	35	49
41	49	22	36	36	38	38	38
42	28	23	23	32	29	26	47
43	-	28	24	39	30	36	33
44	-	23	29	16	29	21	21
45	-	22	37	33	29	30	21
46	-	29	24	50	26	43	43
47	-	20	35	26	27	38	35
48	-	25	37	55	26	34	32
49	-	19	30	29	48	23	43
50	-	30	23	31	15	36	35
51	-	57	13	28	25	29	40
52	-	7	28	23	13	3	15
53	-	-	-	15	-	-	-
Total	1148	1483	1647	1613	1651	1618	1847

Note: Number of events in week 32 2012 includes some batch reporting by HSE-E.