

Clostridium difficile infection notifications Week 4, 2012

Notification Period 22/01/2012 - 28/01/2012

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 2008-2011 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 4, 2012

HSE Area	New infection	Recurrent infection	Status of infection unknown	Total
HSE - E	8	2	0	10
HSE - M	2	1	0	3
HSE - MW	3	0	0	3
HSE - NE	1	0	0	1
HSE - NW	1	0	0	1
HSE - S	4	0	0	4
HSE - SE	5	0	0	5
HSE - W	2	0	0	2
Total	26	3	0	29



Clostridium difficile infection events by HSE Region in Week 4, 2012

HSE Region	New infection	Recurrent infection	Status of infection unknown	Total
Dublin Mid Leinster	8	2	0	10
Dublin North East	3	1	0	4
South	9	0	0	9
West	6	0	0	6
Total	26	3	0	29

Clostridium difficile infection events from Week 5, 2011 to Week 4, 2012



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	
2011	5	42	0	0	42	
	6	46	0	0	46	
	7	53	0	0	53	
	8	28	0	0	28	
	9	43	0	0	43	
	10	39	0	0	39	
	11	24	0	0	24	
	12	33	0	0	33	
	13	29	0	0	29	
	14	40	0	0	40	
	15	45	0	0	45	
	16	27	0	0	27	
	17	26	0	0	26	
	18	33	0	0	33	
	19	39	0	0	39	
	20	32	0	0	32	
	21	40	0	0	40	
	22	43	0	0	43	
	23	68	0	0	68	
	24	33	0	0	33	
	25	45	0	0	45	
	26	32	0	0	32	
	27	29	0	0	29	
	28	35	0	0	35	
	29	23	0	0	23	
	30	32	0	0	32	
	31	21	0	0	21	
	32	28	0	0	28	
	33	32	0	0	32	
	34	43	0	0	43	
	35	29	0	0	29	
	36	27	0	0	27	
	37	38	0	0	38	
	38	28	0	0	28	
	39	24	0	0	24	
	40	49	0	0	49	
	41	39	0	0	39	
	42	48	0	0	48	
	43	33	0	0	33	
	44	22	0	0	22	
	45	21	0	0	21	
	46	43	0	0	43	
	47	35	0	0	35	
	48	32	0	0	32	
	49	44	0	0	44	
	50	35	0	0	35	
	51	40	0	0	40	
	52	15	0	0	15	
	2012	1	39	0	3	42
		2	35	3	2	40
		3	32	6	6	44
		4	26	3	0	29
Total		1817	12	11	1840	

NEW Clostridium difficile infection events by HSE Region and Week from Week 5, 2011 to Week 4, 2012

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	
2011	5	12	7	13	10	42	
	6	18	9	16	3	46	
	7	16	11	16	10	53	
	8	2	9	12	5	28	
	9	20	5	10	8	43	
	10	8	7	16	8	39	
	11	8	2	9	5	24	
	12	8	5	17	3	33	
	13	3	4	13	9	29	
	14	17	9	8	6	40	
	15	17	4	12	12	45	
	16	15	1	7	4	27	
	17	3	3	10	10	26	
	18	15	5	6	7	33	
	19	13	2	19	5	39	
	20	5	4	12	11	32	
	21	23	3	7	7	40	
	22	11	18	10	4	43	
	23	22	27	11	8	68	
	24	7	6	15	5	33	
	25	17	10	12	6	45	
	26	7	5	11	9	32	
	27	9	6	8	6	29	
	28	11	7	7	10	35	
	29	6	3	9	5	23	
	30	17	6	4	5	32	
	31	8	2	10	1	21	
	32	5	6	8	9	28	
	33	6	9	13	4	32	
	34	20	3	8	12	43	
	35	10	8	2	9	29	
	36	7	3	12	5	27	
	37	13	0	14	11	38	
	38	10	4	7	7	28	
	39	8	2	8	6	24	
	40	22	11	9	7	49	
	41	12	4	13	10	39	
	42	20	18	6	4	48	
	43	12	5	9	7	33	
	44	2	9	8	3	22	
	45	6	2	4	9	21	
	46	18	9	8	8	43	
	47	18	6	10	1	35	
	48	13	6	3	10	32	
	49	10	12	13	9	44	
	50	18	4	9	4	35	
	51	8	5	13	14	40	
	52	2	0	2	11	15	
	2012	1	11	10	10	8	39
		2	7	12	10	6	35
		3	14	6	6	6	32
		4	8	3	9	6	26
Total		598	337	514	368	1817	

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	2012	2011	2010	2009	2008
1	39	33	36	51	-
2	35	50	34	50	-
3	32	37	20	62	-
4	26	52	42	44	-
5	-	42	29	52	-
6	-	46	31	63	-
7	-	53	26	59	-
8	-	28	34	35	-
9	-	43	32	58	-
10	-	39	11	44	-
11	-	24	36	46	-
12	-	33	38	35	-
13	-	29	24	49	-
14	-	40	30	47	-
15	-	45	34	49	-
16	-	27	33	27	-
17	-	26	26	29	-
18	-	33	29	33	-
19	-	39	25	26	40
20	-	32	48	33	51
21	-	40	19	27	63
22	-	43	37	21	48
23	-	68	33	50	56
24	-	33	28	26	50
25	-	45	27	39	44
26	-	32	36	35	52
27	-	29	34	27	44
28	-	35	34	25	97
29	-	23	32	40	56
30	-	32	32	42	30
31	-	21	31	33	48
32	-	28	25	39	58
33	-	32	40	37	40
34	-	43	37	18	47
35	-	29	41	20	45
36	-	27	47	49	35
37	-	38	36	21	54
38	-	28	35	27	54
39	-	24	29	39	34
40	-	49	47	30	44
41	-	39	37	29	82
42	-	48	44	36	30
43	-	33	36	32	32
44	-	22	33	33	21
45	-	21	41	47	48
46	-	43	31	32	61
47	-	35	45	36	40
48	-	32	25	17	31
49	-	44	30	35	32
50	-	35	34	22	37
51	-	40	24	22	42
52	-	15	15	17	35
53	-	-	-	-	33
Total	132	1857	1693	1895	1614

Note: The number of events in weeks 28 and 41, 2008 includes some batch reporting by HSE-E