

APPENDIX – DETAILED RESPONSE TO PQ 04212, PQ 04214 AND PQ 04215

Outbreak surveillance information published in the New Zealand Public Health Surveillance Report includes statistics on outbreaks occurring in childcare centres that are notified to Public Health Services. These statistics are appended to this response.

The following figures were reported:

Timeframe (no. of outbreaks)	Number of outbreaks in childcare centres	Outbreak type (number of cases)
Jul – Sep 2007 (3)	3	Norovirus (90 cases)
Oct - Dec 2007 (6)	5	Gastroenteritis (66 cases)
	1	Norovirus (29 cases)
Jan – Mar 2008	N/A	No reporting
Apr – Jun 2008 (5)	2	Norovirus (39 cases)
	1	Campylobacter (2 cases)
	1	Gastroenteritis (18 cases)
	1	Rotavirus (5 cases)
Jul – Sep 2008 (9)	4	Norovirus (89 cases)
	3	Rotavirus (32 cases)
	2	Gastroenteritis (12 cases)
Oct – Dec 2008 (6)	3	Rotavirus (19 cases)
	2	Gastroenteritis (32 cases)
	1	Salmonella (2 cases)
Jan – Mar 2009 (6)	3	Rotavirus (20 cases)
	1	Norovirus (38 cases)
	1	Gastroenteritis (29 cases)
	1	Giardia (5 cases)
Apr – Jun 2009 (7)	4	Rotavirus (81 cases)
	2	Gastroenteritis (6 cases)
	1	Giardia (3 cases)
Jul – Sep 2009 (5)	3	Rotavirus (43 cases)
	2	Norovirus (29 cases)
Oct – Dec 2009 (6)	3	Norovirus (71 cases)
	2	Rotavirus (55 cases)
	1	Gastroenteritis (8 cases)
Jan – Mar 2010 (3)	1	Gastroenteritis (10 cases)
	1	Giardia (2 cases)
	1	Norovirus (62 cases)
Apr – Jun 2010 (13)	4	Gastroenteritis (51 cases)
	4	Giardia (11 cases)
	2	Norovirus (65 cases)
	1	Rotavirus (14 cases)
	1	Salmonella (6 cases)
	1	Y. enterocolitica (5 cases)
Jul – Sep 2010 (13)	5	Gastroenteritis (63 cases)
	5	Rotavirus (91 cases)

	2	Cryptosporidium (5 cases)
	1	Norovirus (17 cases)
Oct – Dec 2010 (7)	3	Rotavirus (29 cases)
	2	Gastroenteritis (23 cases)
	2	Norovirus (31 cases)
Jan – Mar 2011 (5)	2	Norovirus (32 cases)
	1	Gastroenteritis (24 cases)
	1	Rotavirus (20 cases)
Apr - Jun 2011 (17)	10	Gastroenteritis (150 cases)
	2	Norovirus (51 cases)
	3	Sapovirus (53 cases)
	1	Giardia (2 cases)
	1	Rotavirus (17 cases)
	1	Salmonella (9 cases)
Jul – Sep 2011 (4)	2	Norovirus (64 cases)
	1	Cryptosporidium (2 cases)
	1	Gastroenteritis (9 cases)
Oct – Dec 2011 (25)	14	Rotavirus (241 cases)
	7	Gastroenteritis (38 cases)
	2	Cryptosporidium (4 cases)
	1	Campylobacter (3 cases)
	1	Giardia (3 cases)
Jan – Mar 2012 (5)	3	Gastroenteritis (16 cases)
	2	Rotavirus (21 cases)
Apr – Jun 2012 (13)	5	Gastroenteritis (76 cases)
	4	Norovirus (59 cases)
	2	Rotavirus (32 cases)
	1	Campylobacter (3 cases)
	1	Sapovirus (11 cases)
Jul – Sep 2012 (15)	7	Gastroenteritis (95 cases)
	5	Norovirus (104 cases)
	2	Rotavirus (11 cases)
	1	Giardia
Oct – Dec 2012 (25)	10	Gastroenteritis (125 cases)
	8	Rotavirus (101 cases)
	6	Norovirus (146 cases)
	1	Cryptosporidium (14 cases)
Jan – Mar 2013 (5)	2	Cryptosporidium (6 cases)
	2	Gastroenteritis (31 cases)
	1	Norovirus (15 cases)
Apr – Jun 2013 (9)	5	Gastroenteritis (30 cases)
	2	Sapovirus (18 cases)
	1	Giardia (3 cases)
	1	Norovirus (7 cases)
Jul – Sep 2013 (18)*	6	Rotavirus (139 cases)
	4	Gastroenteritis (50 cases)
	4	Norovirus (128 cases)
	2	Cryptosporidium (30 cases)
	1	Campylobacter (19 cases)
	1	Sapovirus (9 cases)

	1	Salmonella (19 cases)
Oct – Dec 2013 (9)	5	Rotavirus (87 cases)
	3	Norovirus (55 cases)
	1	Gastroenteritis (1 case)
Jan – Mar 2014 (16)	9	Gastroenteritis (116 cases)
	5	Norovirus (128 cases)
	2	Rotavirus (19 cases)
Apr – Jun 2014 (14)	8	Gastroenteritis (77 cases)
	3	Norovirus (38 cases)
	2	Giardia (18 cases)
	1	Rotavirus (14 cases)
Jul – Sep 2014 (27)	13	Rotavirus (269)
	7	Gastroenteritis (69 cases)
	1	Cryptosporidium (3 cases)
	1	Giardia (9 cases)
	1	Norovirus (18 cases)
	1	Salmonella (8 cases)
Oct – Dec 2014 (23)	8	Gastroenteritis (111 cases)
	7	Rotavirus (108 cases)
	4	Norovirus (73 cases)
	1	Cryptosporidium (4 cases)
	1	Giardia (5 cases)

*Note that some outbreaks involved more than one pathogen and therefore individual pathogen outbreak numbers may not sum to group totals.