

Appendix 1. Single and Coinfections identified in diarrhea and non-diarrhea participants

	Diarrhea participants (N=307)	Non-diarrhea participants (N=358)
Any infection, n	164	113
Any single infection, n (%)	83 (83/164=51%)	81 (81/113=72%)
Any coinfection (2+), n (%)	65 (65/156=42%)	24 (24/104=23%)
Percent of total participants with any infection identified	53% (164/307)	32% (113/358)
Single infections	N	N
Rotavirus only	53	38
Norovirus only	7	8
Salmonella only	9	5
Campylobacter only	9	7
Giardia only	1	4
E coli 0157 only	0	0
STEC only	0	1
Adenovirus only	1	2
C. difficile only	2	8
Cryptosporidium only	0	2
V. cholera only	0	0
Shigella only	0	1
ETEC LT/ST only	1	5
Coinfections (2 or more)		
<u>Two coinfections</u>		
Rotavirus and Salmonella	21	2
Rotavirus and Giardia	2	0
Rotavirus and Campylobacter	5	2
Rotavirus and Norovirus	5	6
Rotavirus and ETEC LT/ST	3	1
Rotavirus and C difficile	1	2
Rotavirus and STEC	1	0
Rotavirus and V cholera	1	0
Norovirus and Salmonella	1	0
Norovirus and Giardia	0	1
Norovirus and Campylobacter	2	1
Norovirus and ETEC LT/ST	1	0
Norovirus and Cryptosporidium	0	2
E coli 0157 and Cryptosporidium	1	0
E coli 0157 and ETEC LT/ST	0	1
Adenovirus and C difficile	1	0
C difficile and Salmonella	2	3
C difficile and Campylobacter	1	1
C difficile and ETEC LT/ST	3	0
Cryptosporidium and Salmonella	2	0
Campylobacter and Giardia	2	0

Campylobacter and ETEC LT/ST	1	0
STEC and Giardia	0	1
Adenovirus and Cryptosporidium	0	1
<u>Three coinfections</u>		
Rotavirus, Cryptosporidium, Salmonella	9	0
Rotavirus, Campylobacter, Salmonella	1	1
Rotavirus, C difficile, Salmonella	1	0
Rotavirus, C difficile, Campylobacter	1	0
Rotavirus, Adenovirus, Campylobacter	1	0
Rotavirus, Campylobacter, ETEC LT/ST	1	0
Rotavirus, ETEC LT/LS, Salmonella	0	1
Rotavirus, Norovirus, Shigella	2	0
Rotavirus, Norovirus, Campylobacter	1	0
Rotavirus, Norovirus, ETEC LT/ST	1	0
Rotavirus, Norovirus, Salmonella	0	2
Rotavirus, Norovirus, Giardia	1	0
Rotavirus, Salmonella, ETEC LT/ST	0	1
Norovirus, Campylobacter, Giardia	1	0
C difficile, Cryptosporidium, Salmonella	1	0
Rotavirus, Campylobacter, Salmonella	0	1
Norovirus, Campylobacter, Salmonella	1	1
Norovirus, Cryptosporidium, Giardia	0	2
Cryptosporidium, Salmonella, ETEC LT/ST	1	
Cryptosporidium, Campylobacter, Giardia	0	1
<u>4 or more coinfections</u>		
Norovirus, Campylobacter, Salmonella, ETEC LT/ST	1	0
Rotavirus, Norovirus, Campylobacter, Salmonella	1	0
Rotavirus, C. difficile, Cryptosporidium, Salmonella	1	0
Rotavirus, Cryptosporidium, ETEC LT/ST, Salmonella	1	0
Rotavirus, Norovirus, Campylobacter, Salmonella, Giardia	1	0
<u>Selected coinfections</u>		
Rotavirus and any other	62	17
Salmonella and any other	43	10
Cryptosporidium and any other	14	6
Norovirus and any other	19	15
Rotavirus and Norovirus, and any	8	3

other (Rotavirus and Norovirus alone, or Rotavirus and Norovirus and any other)		
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Appendix 2. Enrollment, by site, month and diarrhea status

	Kanti		Kosi Zonal		Western Regional		Nepalganj		BPKIHS		To
Month / Year	Diarrhea	Non-diarrhea	Diarrhea	Non-diarrhea	Diarrhea	Non-diarrhea	Diarrhea	Non-diarrhea	Diarrhea	Non-diarrhea	Diarrhea
Sep 2012	3	12	1	9	4	8	7	11	5	6	20
Oct 2012	5	11	0	0	0	3	5	10	4	2	14
Nov 2012	4	17	0	0	2	4	2	3	6	3	14
Dec 2012	1	1	2	2	2	5	1	1	8	1	14
Jan 2013	9	11	34	17	13	3	4	7	15	16	75
Feb 2013	8	12	3	3	6	4	4	11	10	8	31
Mar 2013	0	4	3	13	3	2	1	5	6	9	13
Apr 2013	1	3	1	8	4	0	6	11	6	16	18
May 2013	1	5	6	1	2	2	8	9	13	13	30
Jun 2013	3	1	16	8	4	3	7	6	5	9	35
Jul 2013	0	0	6	5	6	0	16	12	11	5	39
Aug 2013	3	3	0	0	1	2	0	0	0	2	4
Total	38	80	72	66	47	36	61	86	89	90	307