

Appendix. Single variable analysis^a

Water and fluid consumption	Cases	Controls	OR	LCL	UCL	p value
Usually drink cold tap water without boiling it first						
Y	136	373	2.12	1.16	3.91	0.012
N	16	93	1			
Usual daily consumption of cold unboiled tap water at home (pints)						
<¼	23	106	1			0.005 ^b
¼–1	65	218	1.37	0.79	2.42	
>1–2	40	96	1.92	1.03	3.59	
>2	21	40	2.42	1.14	5.13	
Usual consumption of cold, unboiled tap water away from home (pints) at work/nursery/school in the Copeland/Allerdale area						
<¼	83	273	1			0.495 ^b
¼–1	39	110	1.17	0.73	1.85	
>1	2	5	1.32	0.17	7.82	
Was usual consumption unboiled tap water away from home/at work/nursery outside the Copeland/Allerdale area?						
Y	13	31	1.29	0.62	2.67	0.573
N	137	422	1			
Usual daily volume of cold, unboiled tap water drunk (pints) at home and away from home in the Allerdale and Copeland area						
<¼	19	108	1			0.017 ^b
¼–1	58	175	1.88	1.03	3.47	
>1–2	45	121	2.11	1.12	4.01	
>2	28	62	2.57	1.26	5.24	
Do you usually drink bottled water?						
Y	16	36	1.43	0.73	2.79	0.323
N	133	429	1			
Do you usually drink soft drinks?						
Y	87	283	0.86	0.58	1.27	0.467
N	64	178	1			
If yes, how much soft drinks, on average, do you drink per day (pints)						
<¼	66	181	1			0.358 ^b
¼–¾	36	110	0.9	0.55	1.47	
1–2	31	103	0.83	0.49	1.39	
>2	11	40	0.75	0.34	1.63	
Did you have any drinks with ice added: (cases) in the 2 weeks before illness? (controls) in the 2 weeks before interview?						
Y	29	106	0.83	0.51	1.36	0.514
N	116	354	1			
If yes, consumption of ice at home: (cases) in the 2 weeks before illness? (controls) in the 2 weeks before interview?						
Y	11	57	0.56	0.27	1.15	0.119

N	141	409	1			
Drink pasteurized milk						
Y	134	396	1.3	0.72	2.36	0.431
N	18	69	1			
Pints of pasteurized milk on average per day (pints)						
<¼	19	71	1			0.221 ^b
¼–¾	66	153	1.61	0.87	3.01	
≥1	56	202	1.04	0.56	1.94	
Drink unpasteurized milk						
Y	9	22	1.28	0.53	3.02	0.699
N	142	443	1			
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Food consumption	Cases	Controls	OR	LCL	UCL	p value
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Lettuce						
Y	36	166	0.58	0.37	0.9	0.013
N	112	298	1			
Tomatoes						
Y	42	170	0.65	0.43	1	0.048
N	110	291	1			
Coleslaw						
Y	26	93	0.85	0.51	1.41	0.572
N	122	369	1			
Mixed salad						
Y	25	123	0.56	0.33	0.92	0.020
N	124	339	1			
Raw sausages						
Y	6	12	1.56	0.51	4.61	0.4062
N	145	452	1			
Other raw meat						
Y	8	13	1.93	0.71	5.14	0.233
Fresh raw vegetables						
Y	47	177	0.76	0.5	1.16	0.216
N	100	288	1			
Local cheese						
Y	5	8	1.94	0.54	6.71	0.3252
N	144	446	1			
Other cheese						
Y	113	322	1.43	0.91	2.27	0.124
N	34	139	1			
Yogurt						
Y	113	346	1.03	0.66	1.63	0.968
N	37	117	1			
Ice cream						
Y	98	338	0.68	0.45	1.04	0.072

N	53	125	1			
Cream						
Y	18	95	0.53	0.3	0.95	0.029
N	131	369	1			
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Farm and farm animal contact	Cases	Controls	OR	LCL	UCL	p value
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Did you have contact with farms?						
Y	59	108	2.11	1.4	3.2	<0.001
N	91	352	1			
Any short visit at a farm						
Y	40	57	2.56	1.57	4.17	<0.001
N	107	391	1			
Frequency of farm visit						
0	91	352	1			0.003 ^b
1-5	44	82	2.08	1.32	3.27	
6-10	3	2	5.8	0.78	50.38	
≥11	8	11	2.81	1	7.81	
Any contact with a dairy farm						
Y	13	18	2.38	1.06	5.31	0.033
N	127	418	1			
Any contact with a farm with cattle or sheep						
Y	15	29	1.68	0.83	3.4	0.164
N	125	407	1			
Any contact with a farm with cattle and sheep						
Y	10	20	1.6	0.67	3.73	0.334
N	130	416	1			
Any contact with a farm without cattle or sheep						
Y	15	19	2.63	1.22	5.66	0.010
N	125	417	1			
Any overnight stay at a farm						
Y	1	5	0.61	0.03	5.45	1.000
N	146	443	1			
Did you have contact with farm animals?						
Y	53	92	2.23	1.45	3.43	<0.001
N	94	364	1			
Frequency of farm animal contact						
0	94	364	1			
1 to 20	38	68	2.16	1.34	3.5	0.051
>20	4	5	3.1	0.68	13.6	
Eat food within 1 to 2 hours of contact						
Y	32	41	3.11	1.79	5.38	<0.001
N	96	382	1			
Did you feed farm animals by hand?						
Y	23	45	1.74	0.97	3.12	0.061

N	116	396	1			
Stroke any farm animal						
Y	29	49	2.01	1.17	3.42	0.009
N	123	417	1			
Any other contact with a farm animal						
Y	28	35	2.78	1.57	4.93	<0.001
N	124	431	1			
Did you have any contact with fields recently sprayed with slurry						
Y	5	10	1.72	0.5	5.64	0.351
N	123	422	1			
Walk close to slurry in a field						
Y	6	9	2.31	0.71	7.34	0.122
N	122	423	1			
Any contact with slurry						
Y	16	28	2	0.99	4.02	0.052
N	116	406	1			
Contact with pet animals at home						
Y	98	293	1.08	0.72	1.62	0.77
N	53	171	1			
Contact with pets with diarrhea						
Y	6	23	0.78	0.27	2.12	0.763
N	85	254	1			
Feed your pet raw meat						
Y	0	2	0	0	12.74	1.000
N	152	464	1			
Feed your pet tinned meat						
Y	42	126	1.03	0.67	1.59	0.97
N	110	340	1			
Feed your pet pellets						
Y	2	6	1.02	0	5.73	1.000
N	150	460	1			
Feed your pet biscuits						
Y	21	39	1.76	0.95	3.21	0.070
N	131	427	1			
Feed your pet leftovers						
Y	6	5	3.79	1	14.69	0.031
N	146	461	1			
Feed your pet raw vegetables						
Y	13	20	2.09	0.95	4.56	0.069
N	139	446	1			
Feed your pet other food						
Y	44	127	1.09	0.71	1.67	0.763
N	108	339	1			
Did you have contact with any other animals or birds						
Y	75	248	0.84	0.54	1.30	0.475
N	51	142	1			

Did you or your child accidentally touch any dirt or feces from any animal

Y	13	17	3.04	1.33	6.94	0.006
N	89	354	1			

Play groups and recreational water exposure

Cases Controls OR LCL UCL p value

Contact with play group

Y	61	164	1.27	0.84	1.9	0.269
N	82	279	1			

Swim at a swimming pool

Y	44	141	0.94	0.61	1.44	0.838
N	108	325	1			

Engage in water sports

Y	2	18	0.33	0.05	1.53	0.1852
N	150	448	1			

Go paddling

Y	22	57	1.23	0.7	2.17	0.531
N	128	408	1			

Any other contact with fresh water

Y	16	39	1.29	0.66	2.49	0.516
N	133	418	1			

^aOR, odds ratio; LCL, lower confidence limit; UCL, upper confidence limit.

^b χ^2 test for trend.