

**Table S1. Number of cases of zoonotic enteropathogens found in children by age group**

<b>Age</b>	<b># children</b>	<b>STEC</b>	<b>aEPEC</b>	<b><i>C. jejuni</i></b>	<b><i>C. coli</i></b>	<b><i>C. hyointestinalis</i></b>	<b><i>Giardia lamblia</i></b>	<b><i>Cryptosporidium parvum</i></b>	<b>Total pathogens</b>	<b>% by age</b>	<b>% Total pathogens</b>
3-12 months	11	0	1	0	1	0	1	0	3	27.3	6.4
1-3 years	31	0	5	7	2	0	12	1	27	87.1	57.4
3-5 years	18	1	5	0	0	1	7	1	15	83.3	31.9
6 years	4	0	0	0	0	0	2	0	2	50.0	4.3
<b>Total</b>	<b>64</b>	<b>1</b>	<b>11</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>22</b>	<b>2</b>	<b>47</b>	<b>73.4*</b>	<b>100.0</b>

\*There were 9 children with coinfections. The real proportion of children infected was 59.4%.

**Table S2. Sequence type (ST) and ST complex of *C. jejuni***

HH #	Specie	ST	Allelic Profile							ST Complex	
			<i>aspA</i>	<i>glnA</i>	<i>gltA</i>	<i>glyA</i>	<i>pgm</i>	<i>tkl</i>	<i>uncA</i>		
1	04	Child	137	4	7	10	4	42	7	1	ST-45 complex
2	14	Rabbit	137	4	7	10	4	42	7	1	ST-45 complex
3	19	Child	1233	7	17	5	10	10	177	6	ST-353 complex
4	27	Chicken	1233	7	17	5	10	10	177	6	ST-353 complex
5	29	Guinea pig	1233	7	17	5	10	10	177	6	ST-353 complex
6	29	Chicken	1233	7	17	5	10	10	177	6	ST-353 complex
7	22	Chicken	3515	7	17	2	2	10	3	6	ST-353 complex
8	22	Quail	<b>7643</b>	7	17	5	2	10	3	54	ST-353 complex
9	22	Dog	<b>7643</b>	7	17	5	2	10	3	54	ST-353 complex
10	33	Child	3515	7	17	2	2	10	3	6	ST-353 complex
11	34	Chicken	354	8	10	2	2	11	12	6	ST-354 complex
12	31	Quail	<b>7662</b>	<b>390</b>	2	2	2	11	5	6	ST-354 complex
13	56	Chicken	<b>7662</b>	<b>390</b>	2	2	2	11	5	6	ST-354 complex
14	18	Chicken	<b>7669</b>	8	10	95	2	11	12	6	ST-354 complex
15	36	Rabbit	464	24	2	2	2	10	3	1	ST-464 complex
16	36	Chicken	464	24	2	2	2	10	3	1	ST-464 complex
17	21	Chicken	607	8	2	5	53	11	3	1	ST-607 complex
18	34	Dog	607	8	2	5	53	11	3	1	ST-607 complex
19	51	Chicken	607	8	2	5	53	11	3	1	ST-607 complex
20	54	Dog	607	8	2	5	53	11	3	1	ST-607 complex
21	13	Pig	1212	8	2	5	53	11	3	105	ST-607 complex
22	42	Chicken	1212	8	2	5	53	11	3	105	ST-607 complex
23	62	Cattle	1212	8	2	5	53	11	3	105	ST-607 complex
24	07	Dog	<b>7671</b>	8	113	5	121	11	25	6	****
25	62	Child	<b>7671</b>	8	113	5	121	11	25	6	****
26	06	Dog	<b>7672</b>	2	114	5	298	13	61	<b>460</b>	****
27	56	Cat	<b>7672</b>	2	114	5	298	13	61	<b>460</b>	****
28	07	Guinea pig	<b>7759</b>	4	7	<b>455</b>	62	<b>731</b>	25	104	****
29	32	Guinea pig	<b>7759</b>	4	7	<b>455</b>	62	<b>731</b>	25	104	****
30	05	Guinea pig	<b>7759</b>	4	7	<b>455</b>	62	<b>731</b>	25	104	****
31	45	Guinea pig	<b>7759</b>	4	7	<b>455</b>	62	<b>731</b>	25	104	****
32	56	Guinea pig	<b>7759</b>	4	7	<b>455</b>	62	<b>731</b>	25	104	****
33	57	Guinea pig	<b>7759</b>	4	7	<b>455</b>	62	<b>731</b>	25	104	****
34	36	Guinea pig	<b>7760</b>	4	7	<b>455</b>	62	<b>733</b>	25	104	****
35	01	Guinea pig	<b>7775</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>729</b>	<b>582</b>	<b>462</b>	****
36	63	Guinea pig	<b>7775</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>729</b>	<b>582</b>	<b>462</b>	****
37	22	Guinea pig	<b>7775</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>729</b>	<b>582</b>	<b>462</b>	****
38	62	Guinea pig	<b>7775</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>729</b>	<b>582</b>	<b>462</b>	****
39	11	Guinea pig	<b>7777</b>	<b>394</b>	<b>537</b>	<b>454</b>	<b>601</b>	<b>729</b>	<b>582</b>	<b>463</b>	****
40	18	Guinea pig	<b>7778</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>729</b>	<b>582</b>	<b>464</b>	****
41	40	Guinea pig	<b>7779</b>	<b>393</b>	<b>536</b>	<b>454</b>	62	<b>734</b>	<b>583</b>	104	****
42	58	Guinea pig	<b>7779</b>	<b>393</b>	<b>536</b>	<b>454</b>	62	<b>734</b>	<b>583</b>	104	****
43	41	Guinea pig	<b>7780</b>	<b>393</b>	<b>536</b>	<b>454</b>	62	13	25	104	****
44	59	Guinea pig	<b>7780</b>	<b>393</b>	<b>536</b>	<b>454</b>	62	13	25	104	****
45	02	Guinea pig	<b>7781</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>730</b>	<b>582</b>	<b>462</b>	****
46	27	Guinea pig	<b>7781</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>730</b>	<b>582</b>	<b>462</b>	****
47	30	Guinea pig	<b>7781</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>730</b>	<b>582</b>	<b>462</b>	****
48	58	Guinea pig	<b>7789</b>	<b>394</b>	<b>538</b>	<b>454</b>	<b>601</b>	<b>729</b>	<b>582</b>	<b>463</b>	****

The STs and alleles marked in bold correspond to new one.

**Table S3. Sequence type (ST) and ST complex of atypical enteropathogenic *E. coli***

HH #	Specie	ST	Allelic profile								ST complex
			<i>adk</i>	<i>fumC</i>	<i>gyrB</i>	<i>icd</i>	<i>mdh</i>	<i>purA</i>	<i>recA</i>		
<b>1</b>	36 Pig	20	6	4	3	18	7	7	6	ST-20 complex	
<b>2</b>	47 Child	20	6	4	3	18	7	7	6	ST-20 complex	
<b>3</b>	27 Child	29	6	4	12	16	9	7	7	ST-29 complex	
<b>4</b>	32 Pig	137	19	23	51	24	21	2	16	ST-32 complex	
<b>5</b>	55 Child	137	19	23	51	24	21	2	16	ST-32 complex	
<b>6</b>	34 Chicken	328	9	23	81	18	11	8	6	ST-278 complex	
<b>7</b>	29 Child	590	6	4	12	10	24	18	7	ST-590 complex	
<b>8</b>	18 Child	517	109	65	5	1	9	13	14	****	
<b>9</b>	29 Sheep	327	6	4	4	85	43	12	7	****	
<b>10</b>	39 Child	4550	6	4	12	476	9	7	7	****	
<b>11</b>	58 Dog	517	109	65	5	1	9	13	14	****	
<b>12</b>	62 Duck	327	6	4	4	85	43	12	7	****	
<b>13</b>	62 Dog	3075	10	23	109	8	270	8	2	****	
<b>14</b>	63 Chicken	4550	6	4	12	476	9	7	7	****	

**Table S4. Coinfections with zoonotic enteropathogens found in fecal samples.**

N°	# HH	Specie	Zoonotic enteric pathogens	<i>Campylobacter</i> spp., aEPEC	<i>Campylobacter</i> spp., <i>Giardia</i> aEPEC, <i>Giardia</i>	aEPEC, <i>C. coli</i>	<i>C. jejuni</i> , <i>Giardia</i> aEPEC, <i>C. jejuni</i>	<i>Salmonella</i> , <i>Giardia</i>	STEC, <i>C. jejuni</i>	<i>C. coli</i> , <i>Giardia</i>	<i>C. jejuni</i> , <i>Campylobacter</i> sp.	<i>C. coli</i> , <i>Salmonella</i>	<i>C. jejuni</i> , <i>C. coli</i>	<i>C. jejuni</i> , <i>Cryptosporidium</i> , <i>Giardia</i>	<i>Campylobacter</i> sp., <i>Giardia</i>	<i>C. coli</i> , <i>Yersinia</i>	aEPEC, <i>C. jejuni</i> , <i>Giardia</i>	aEPEC, <i>Campylobacter</i> sp.	aEPEC, STEC
1	56	Cat	<i>C. jejuni</i> , <i>C. coli</i>																
2	22	Cattle	aEPEC, STEC																
3	62	Cattle	STEC, <i>C. jejuni</i>																
4	29	Chicken	STEC, <i>C. jejuni</i>																
5	34	Chicken	aEPEC, <i>C. jejuni</i>																
6	63	Chicken	aEPEC, <i>C. coli</i>																
7	18	Child	aEPEC, <i>C. jejuni</i> , <i>Giardia</i>																
8	19	Child	<i>C. jejuni</i> , <i>Giardia</i>																
9	26	Child	aEPEC, <i>Giardia</i>																
10	39	Child	aEPEC, <i>Giardia</i>																
11	50	Child	<i>C. jejuni</i> , <i>Cryptosporidium</i> , <i>Giardia</i>																
12	55	Child	aEPEC, <i>Giardia</i>																
13	29	Child	aEPEC, <i>Giardia</i>																
14	62	Child	aEPEC, <i>C. coli</i>																
15	64	Child	aEPEC, <i>Giardia</i>																
16	07	Dog	<i>C. jejuni</i> , <i>Giardia</i>																
17	17	Dog	<i>Salmonella</i> , <i>Giardia</i>																
18	34	Dog	<i>C. jejuni</i> , <i>Salmonella</i> , <i>Giardia</i>																
19	42	Dog	<i>C. coli</i> , <i>Salmonella</i>																
20	59	Dog	<i>Salmonella</i> , <i>Giardia</i>																
21	04	Duck	<i>C. jejuni</i> , <i>Campylobacter canadensis</i>																
22	18	Guinea pig	aEPEC, <i>C. jejuni</i>																
23	48	Guinea pig	<i>C. coli</i> , <i>Giardia</i>																
24	56	Guinea pig	aEPEC, <i>C. jejuni</i>																
25	64	Guinea pig	<i>C. jejuni</i> , STEC																
26	07	Pig	<i>C. jejuni</i> , <i>C. hyointestinalis</i>																
27	07	Pig	<i>C. jejuni</i> , <i>C. coli</i>																
28	21	Pig	aEPEC, <i>C. coli</i>																
29	32	Pig	aEPEC, <i>C. coli</i>																
30	36	Pig	aEPEC, <i>C. hyointestinalis</i>																
31	41	Pig	<i>Campylobacter lamienae</i> , <i>Giardia</i>																
32	45	Pig	<i>C. coli</i> , <i>Yersinia enterocolitica</i>																
33	29	Sheep	<i>C. coli</i> , <i>Giardia</i> , <i>Cryptosporidium</i> , aEPEC																
TOTAL				11	8	7	6	5	4	3	3	3	2	2	1	1	1	1	1

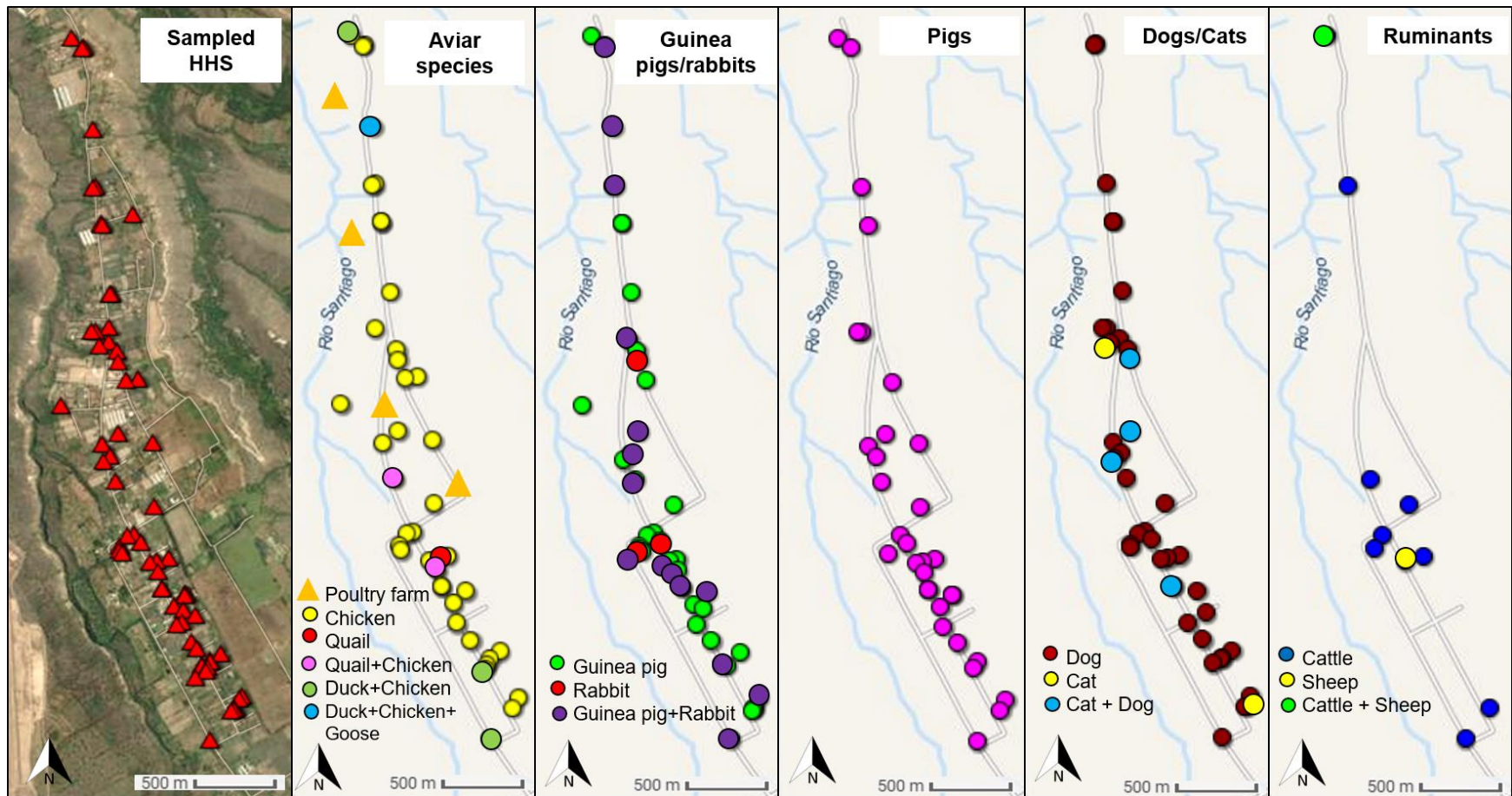
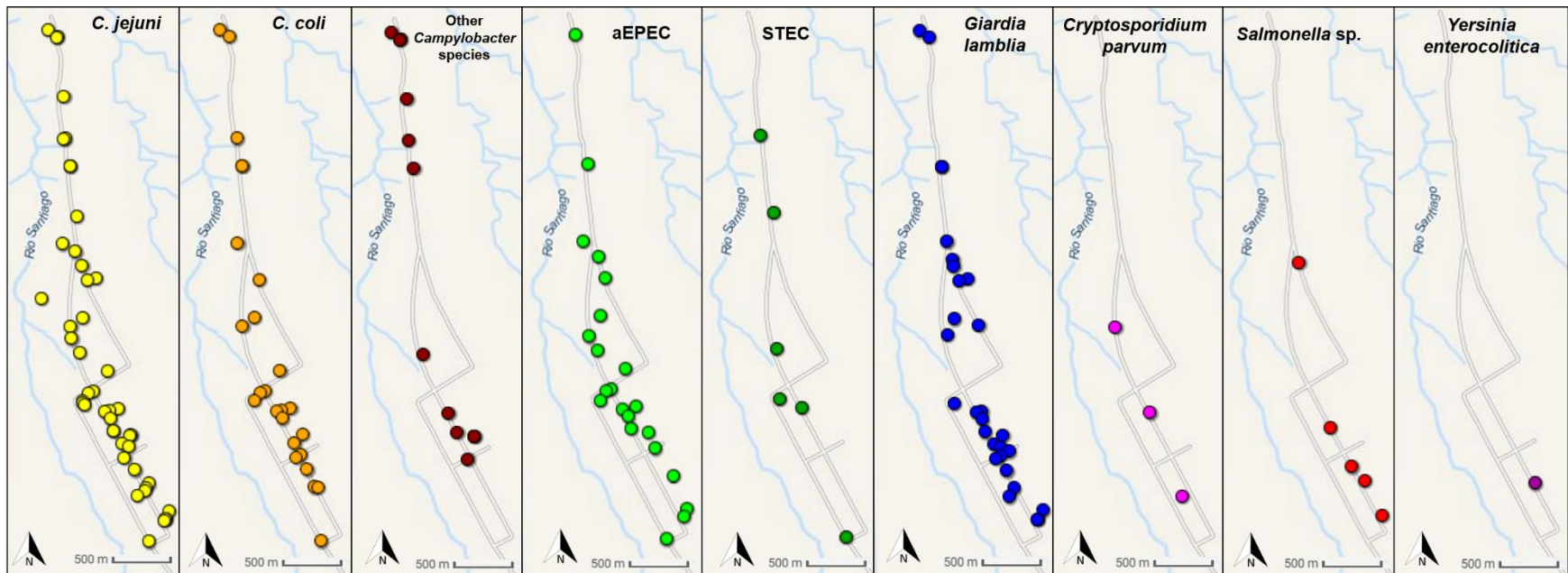
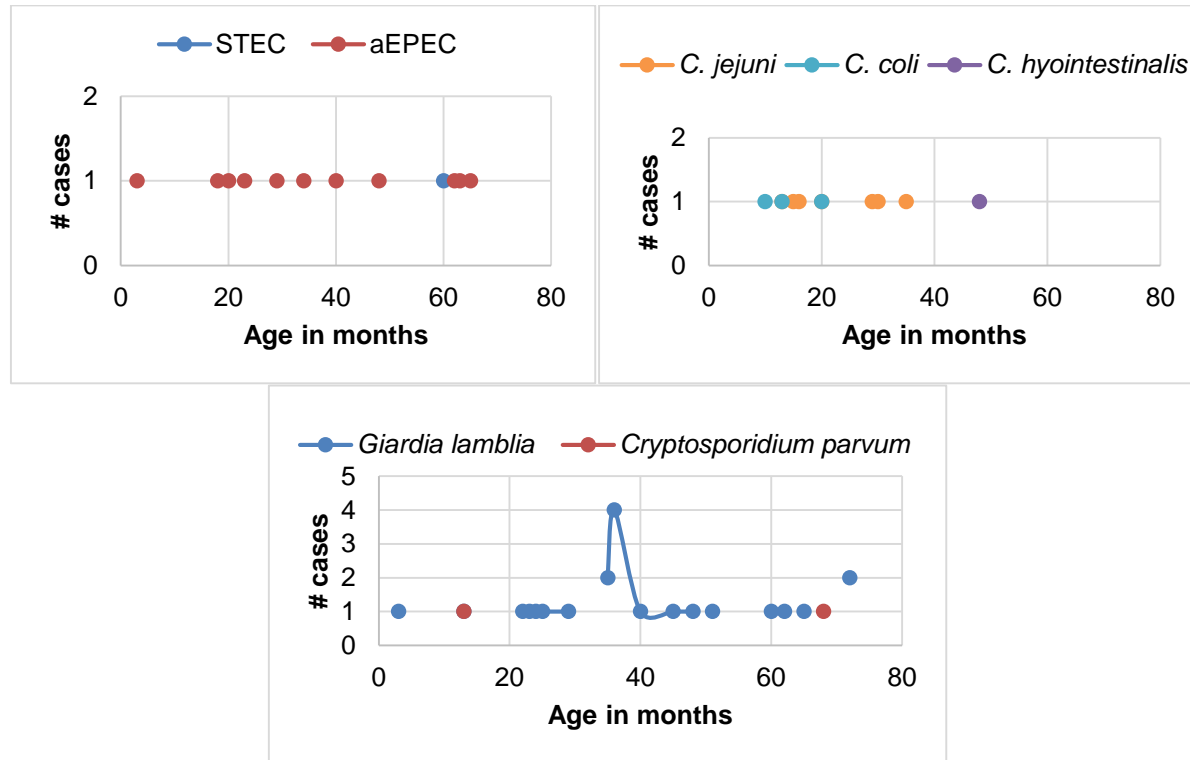


Figure S1. Maps of the community depicting the distribution of animal species.



**Figure S2. Maps of the community depicting the distribution of zoonotic enteric pathogens in the households in children and/or animals.**



**Figure S3. Cases found in children by age.**