

Table 1: Prevalence of intestinal parasites among young children in Boboye Department, Dosso Region, Niger

	Age of child					
	<1 year	1 year	2 years	3 years	4 years	Total
<i>N</i> children	11	20	17	11	25	84
<i>N</i> female (%)	7 (63.6%)	7 (35.0%)	11 (64.7%)	9 (81.8%)	16 (64.0%)	50 (59.5%)
Helminths						
<i>Ancylostoma duodenale</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
<i>Ascaris lumbricoides</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
<i>Necator americanus</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
<i>Schistosoma haematobium</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (1.19%)	1 (1.19%)
<i>Schistosoma mansoni</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
<i>Trichuris trichiura</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Protozoa						
<i>Entamoeba histolytica</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
<i>Giardia duodenalis</i>	6 (54.5%)	10 (50.0%)	14 (84.4%)	9 (81.8%)	18 (72.0%)	57 (67.86%)

Table 2: Prevalence of enteric parasites among young children in Dosso Region, Niger

Species	qPCR negative	qPCR positive	Percent positive
Helminths			
<i>Ancylostoma duodenale</i>	84	0	0
<i>Ascaris lumbricoides</i>	84	0	0
<i>Necator americanus</i>	84	0	0
<i>Schistosoma haematobium</i>	83	1	1.19
<i>Schistosoma mansoni</i>	84	0	0
<i>Trichuris trichiura</i>	84	0	0
Protozoa			
<i>Entamoeba histolytica</i>	84	0	0
<i>Giardia duodenalis</i>	27	57	67.86

Table 3: Real-time PCR detection of *Giardia duodenalis* by village

Village	Negative	Positive	Percent Positive	Total
Baba Dey	4	14	77.78	18
Goberi Peulh	1	0	0	1
Guillare Peulh	5	13	72.22	18
Lissore	1	1	50.00	2
Mounbeina Fandoga	2	14	87.50	16
Pouullo	4	9	69.23	13
Setti I	6	3	33.33	9
Tombo	3	0	0	3
Were Djatame Peul	1	3	75.00	4
Total	27	57	67.86	84

Table 4: Population summary by detection of *Giardia intesinalis* in bulk stool

PCR negative (Stool)	PCR positive (Stool)	Overeall
27	57	84
9	7	9
1 (1-3.5)	2 (1-4)	2 (1-4)
12 (44.4%)	38 (66.7%)	50 (59.5%)

Table 5: Population summary by detection of *Giardia intesinalis* in bulk stool

N() Children	N() Communities	Median age (IQR)	N(%) female
27	9	1 (1-3.5)	12 (44.4%)
57	7	2 (1-4)	38 (66.7%)
84	9	2 (1-4)	50 (59.5%)