

Table S1. Occurrence of parasitic intestinal helminths in human populations, Ecuador, 2002-2022.

Population	Province	Detection method	Samples (n)	Parasite species	Infection rate (%)	References
Asymptomatic children	Chimborazo	CM	203	<i>Ascaris lumbricoides</i>	35.5	[1]
				<i>Hymenolepis nana</i>	11.3	
				<i>Hymenolepis diminuta</i>	1.0	
				<i>Strongyloides stercoralis</i>	0.7	
				<i>Trichuris trichiura</i>	0.5	
Asymptomatic children	Esmeraldas	CM, qPCR	400	<i>Ascaris lumbricoides</i>	7.0	[2]
				<i>Trichuris trichiura</i>	3.0	
				<i>Strongyloides stercoralis</i>	0.8	
				<i>Ancylostoma duodenale</i>	0.5	
Asymptomatic children	Esmeraldas	ELISA	39	<i>Ascaris lumbricoides</i>	17.9	[3]
Asymptomatic children	Manabí	CM	112	<i>Ascaris lumbricoides</i>	9.8	[4]
				<i>Hymenolepis nana</i>	3.3	
Asymptomatic children	Pichincha	CM	244	<i>Ascaris lumbricoides</i>	39.7	[5]
				<i>Trichuris trichiura</i>	19.7	
Asymptomatic (all age groups)	St. Domingo de los Tsáchilas	CM	586	<i>Ascaris lumbricoides</i>	29.4	[6]
				<i>Trichuris trichiura</i>	11.4	
				Hookworm	1.0	
				<i>Amphimerus</i> sp.	0.5	
				<i>Enterobius vermicularis</i>	0.5	
				<i>Hymenolepis</i>	0.2	
				<i>Paragonimus westermani</i>	0.3	
				<i>Strongyloides stercoralis</i>	0.5	
Rural dwellers	Loja	CM	674	<i>Hymenolepis nana</i>	4.3	[7]
				<i>Strongyloides stercoralis</i>	4.3	
				<i>Trichuris trichiura</i>	4.3	
Rural and urban dwellers	Esmeraldas, Pichincha	CM, PCR	106	<i>Ascaris lumbricoides</i>	28.9–45.2	[8]
				<i>Trichuris trichiura</i>	10.9–24.5	
				<i>Enterobius vermicularis</i>	10.6	
				<i>Strongyloides stercoralis</i>	3.8–8.2	
				<i>Hymenolepis nana</i>	6.3	
				<i>Taenia</i> spp.	2.0	

CM: Conventional microscopy; ELISA: Enzyme-Linked Immunosorbent Assay; PCR: Polymerase Chain Reaction; qPCR: real-time PCR.

References

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