

Additional file 1.

Detailed population characteristics, malaria parasite and risk-factor survey,
Northern Lao PDR (N= 5,082) (Part 1).

characteristic	n	% of total (95% CI)
Sex	male	2,380
	female	2,702
Age	0-9	830
	10-19	1,022
	20-29	909
	30-39	788
	40-49	636
	50-59	515
	60+	382
	District	Paktha
Muang Et		1,442
Nambak		1,219
Khua		1,383
Education	No schooling	1,102
	Some primary	1,996
	Completed primary (grade 5)	709
	Some secondary	896
	Completed secondary (grade 11 or 12)	267
	More than secondary	112
Primary occupation	Small-scale farmer	2,014
	Student	1,391
	Not of working age/homemaker	1,102
	Manual labor	216
	Plantation work (for cash)	130
	Small business owner	84
	Not working	81
	Teacher	58
	Collecting plants or hunting in forest	6
Household residency status	Visitor	10

	Resident	5,072	99.8 (99.6 to 99.9)
Wealth quintile	Highest	1,126	22.2 (18.2 to 26.7)
	Middle high	1,238	24.4 (20.9 to 28.2)
	Middle low	1,288	25.3 (21.9 to 29.1)
	Lowest	1,430	28.1 (22.0 to 35.2)
Resident of household with ownership of bednet (any type)	No	22	0.43 (0.013 to 0.15)
	Yes	5,060	99.6 (98.5 to 99.9)
Resident of household with at least one treated bednet for every two residents	No	2,368	46.6 (40.5 to 52.8)
	Yes	2,692	53.0 (46.7 to 59.2)

Detailed population characteristics, malaria parasite and risk-factor survey,
Northern Lao PDR (N= 5,082) (Part 2).

characteristic		n	% of total (95% CI)
Resident of household with any forest-goers	No	3,172	62.4 (56.5 to 68.0)
	Yes	1,970	37.6 (32.0 to 43.5)
Resident of household where source of malaria information is brochures or posters	No	5,056	99.5 (98.8 to 99.8)
Have you ever heard of malaria?	Yes	3,702	72.9 (68.9 to 76.5)
	No	1,286	25.3 (21.6 to 29.4)
	Don't know	94	1.9 (1.2 to 2.8)
Presence of other PCR-positives in village, but not in household	No	4,178	82.2 (73.8 to 88.4)

	Yes	904	17.8 (11.6 to 26.2)
Presence of other cases in household	No	4,973	97.9 (96.2 to 98.8)
	Yes	109	2.1 (1.2 to 3.8)
Mosquito nets (any type) per household	mean	-	4.3 (4.2 to 4.5)
	range	-	1 to 14
	person per net ratio	-	1.5 (1.4 to 1.6)
Treated mosquito nets (any type) per household	mean	-	2.6
	range	-	0 to 12
	person per net ratio	-	1.9 (1.7 to 2.0)