

Supplemental Table S1. Participants by province, fever, and gender for all study sites

	Bataan	Occidental Mindoro	Palawan	
			Year 1	Year 2
Total Participants	n = 896	n = 1772	n = 5746	n = 1135
Patients (%)	623 (69.5)	1,549 (87.4)	4,391 (76.4)	976 (86.0)
Companion (%)	273 (30.5)	223 (12.6)	1,355 (23.6)	159 (14.0)
Fever (%)				
Yes (%)	66 (7.4)	76 (4.3)	1,647 (28.7)	406 (35.8)
No (%)	830 (92.6)	1,696 (95.7)	4,071 (70.8)	728 (64.1)
No data (%)	-	-	28 (0.5)	1 (0)
Gender (%)				
Male (%)	255 (28.5)	617 (34.8)	2,448 (42.1)	528 (46.5)
Female (%)	641 (71.5)	1,155 (65.8)	3,298 (56.8)	605 (53.3)
No data (%)	-	-	0 (1.1)	2 (0.2)
Age in Years, Median (IQR)	26 (11 – 39)	28 (15 – 42)	14 (5 – 32)	9 (3 – 26)

Supplemental Table S2. Malaria infection by participant category (patient or companion) for all study sites

Study Sites	Microscopy		RDT		PCR	
	+ / N*	% (95% CI)	+ / N*	% (95% CI)	+ / N*	% (95% CI)
Palawan (Year 1)	300 / 5386	5.6 (5.0 – 6.2)	314 / 5746	5.5 (4.9 – 6.1)	613 / 5722	10.7 (9.9 – 11.5)
1. 23 HFs	176 / 3922	4.5 (3.9 – 5.2)	196 / 4233	4.6 (4.0 – 5.3)	435 / 4217	10.3 (9.4 – 11.3)
Patient	148 / 2912	5.1 (4.3 – 5.9)	170 / 3170	5.4 (4.6 – 6.2)	312 / 3155	9.9 (8.9 – 11.0)
Companion	28 / 1010	2.8 (1.9 – 4.0)	26 / 1063	2.4 (1.7 – 3.6)	123 / 1062	11.6 (9.8 – 13.6)
2. 4 HFs	124 / 1464	8.5 (7.2 – 10.0)	118 / 1513	7.8 (6.6 – 9.3)	178 / 1505	11.8 (10.3 – 13.6)
Patient	107 / 1183	9 (7.5 – 10.8)	98 / 1221	8.0 (6.6 – 9.7)	126 / 1213	10.4 (8.8 – 12.2)
Companion	17 / 281	6.0 (3.8 – 9.5)	20 / 292	6.8 (4.5 – 10.3)	52 / 292	17.8 (13.8 – 22.6)
Palawan (Year 2; 4 HFs)	91 / 1102	8.3 (6.8 – 10.0)	99 / 1135	8.7 (7.2 – 10.5)	228 / 1135	20.1 (17.9 – 22.5)
Patient	84 / 951	8.8 (7.2 – 10.8)	88 / 976	9.0 (7.4 – 11.0)	190 / 976	19.5 (17.1 – 22.1)
Companion	7 / 151	4.6 (2.3 – 9.3)	11 / 159	6.9 (3.9 – 12.0)	38 / 159	23.9 (17.9 – 31.1)
Occidental Mindoro	0 / 1640	-	1 / 1772	0.1 (0 – 0.3)	0 / 1772	-
Patient	0 / 1427	-	1 / 1549	0.1 (0 – 0.4)	0 / 1549	-
Companion	0 / 213	-	0 / 223	-	0 / 223	-
Bataan	0 / 874	-	N/A	-	0 / 874	-
Patient	0 / 609	-	N/A	-	0 / 609	-
Companion	0 / 265	-	N/A	-	0 / 265	-

*denominator for each depends on analyzable samples processed

HF's – health facilities

Supplemental Table S3. *Plasmodium* species by malaria microscopy and PCR for Palawan

Malaria Species	Year 1				Year 2			
	Microscopy		PCR		Microscopy		PCR	
	+	%	+	%	+	%	+	%
<i>P. falciparum</i>	223	74.3	306	49.9	70	76.9	126	55.3
<i>P. vivax</i>	54	18.0	75	12.2	10	11.0	27	11.8
<i>P. malariae</i>	4	1.3	29	4.7	3	3.3	3	1.3
<i>P. ovale</i>	0	-	2	0.3	0	0.0	0	0.0
<i>P. knowlesi</i>	0	-	1	0.2	0	0.0	0	0.0
Mixed Infections	18 ^a	6.0	49 ^b	8.0	4 ^c	4.4	22 ^d	9.6
<i>Plasmodium</i> spp.*	1	0.3	151	24.6	4	4.4	50	21.9

a - *P. falciparum*/*P. vivax* (16) and *P. falciparum*/*P. malariae* (2)
b - *P. falciparum*/*P. vivax* (15), *P. falciparum*/*P. malariae* (13), *P. falciparum*/*P. ovale* (1), *P. vivax*/*P. malariae* (1), *P. falciparum*/*P. vivax*/*P. malariae* (1), *P. falciparum*/*P. malariae*/*P. ovale* (1)
c - *P. falciparum*/*P. vivax* (3) and *P. falciparum*/*P. malariae* (1)
d - *P. falciparum*/*P. vivax* (15), *P. falciparum*/*P. malariae* (4), *P. vivax*/*P. malariae* (1), *P. falciparum*/*P. vivax*/*P. malariae* (2)
* Quantity not sufficient (QNS) for speciation