

SUPPLEMENTAL TABLE 1
Youth and household leader surveys in Vietnam

| | Youth survey (<i>N</i> = 198) | Household survey (<i>N</i> = 203) | <i>P</i> value |
|---|-----------------------------------|---------------------------------------|----------------|
| | <i>n</i> (%) | <i>n</i> (%) | |
| Mobility patterns | | | |
| Sleeps at forest fields during malaria season | 73 (36.9) | 125 (61.6) | 0.08 |
| Sleeps outside parents' house (always or sometimes) | 105 (53.0) | NA | NA |
| Goes often to deep forest | 121 (61.1) | 106 (52.2) | 0.54 |
| Spends night in deep forest (always or sometimes) | 21 (10.6) | 21 (10.3) | 0.61 |
| Spends nights across the border in Cambodia | 30 (15.2) | 61 (30.0) | 0.42 |
| Sleeping materials | | | |
| Net ownership | | | |
| Has a bed net | 159 (80.3) | 203 (100.0) | 0.07 |
| Does not have a bed net | 39 (19.7) | – | |
| Net use among net owners | | | |
| Never | 33 (20.8) | 6 (3.0) | 0.07 |
| Sometimes | 13 (8.2) | 5 (2.5) | |
| Always | 113 (71.1) | 192 (94.6) | |
| Net type among net users | | | |
| Uses non-treated net | 17 (13.5) | 12 (6.1) | 0.24 |
| Uses treated net | 109 (86.5) | 178 (90.4) | |
| Missing | – | 7 (3.6) | |
| State of net among net users | | | |
| Intact (or repaired) | 107 (84.9) | 177 (89.8) | 0.18 |
| Broken (or repaired and broken again) | 19 (15.1) | 20 (10.2) | |
| Has hammock for personal use | | | |
| Has a hammock | 69 (34.8) | 54 (26.6) | 0.75 |
| Does not have a hammock | 128 (64.6) | 149 (73.4) | |
| Missing | 1 (0.5) | – | |
| Hammock use for sleeping at night among hammock owners | | | |
| Never | 25 (36.2) | 34 (63.0) | 0.19 |
| Sometimes | 26 (37.7) | 17 (31.5) | |
| Always | 18 (26.1) | 3 (5.6) | |
| Has a hammock net to use while sleeping in hammock | 9 (13.0) | 2 (3.7) | 0.75 |
| Perceived protection of net among net owners | | | |
| Mosquitos enter the net | | | |
| Yes | 73 (45.9) | 112 (55.2) | 0.54 |
| No | 86 (54.1) | 91 (44.8) | |
| Categories of protection | | | |
| Unprotected | 74 (37.4) | 6 (3.0) | 0.03 |
| Partially protected | 42 (21.2) | 32 (15.8) | |
| Optimally protected | 82 (41.4) | 158 (77.8) | |
| Missing | – | 7 | |

NA = not applicable.

SUPPLEMENTAL TABLE 2
Youth survey by gender in Vietnam

| | Male (N = 111) | Female (N = 87) | P value |
|---|----------------|-----------------|---------|
| | n (%) | n (%) | |
| Mobility patterns | | | |
| Sleeps at forest fields during malaria season | 52 (46.8) | 21 (24.1) | 0.03 |
| Sleeps outside parents' house (always or sometimes) | 71 (64.0) | 34 (39.1) | 0.09 |
| Goes often to deep forest | 75 (67.6) | 46 (52.9) | 0.28 |
| Spends night in deep forest (always or sometimes) | 18 (16.2) | 3 (3.4) | 0.25 |
| Spends nights across the border in Cambodia | 16 (14.4) | 14 (16.1) | 0.52 |
| Sleeping materials | | | |
| Bed net ownership | | | |
| Has a bed net | 82 (73.9) | 77 (88.5) | 0.32 |
| Does not have a bed net | 29 (26.1) | 10 (11.5) | |
| Missing | - | - | |
| Net use among net owners | | | |
| Never | 29 (35.4) | 4 (5.2) | 0.006 |
| Sometimes | 9 (11.0) | 4 (5.2) | |
| Always | 44 (53.7) | 69 (89.6) | |
| Net type among net users | | | |
| Uses non-treated net | 4 (7.5) | 13 (17.8) | 0.26 |
| Uses treated net | 49 (92.5) | 60 (82.2) | |
| State of net among net users | | | |
| Intact (or repaired) | 45 (84.9) | 62 (84.9) | 0.99 |
| Broken (or repaired and broken again) | 8 (15.1) | 11 (15.1) | |
| Hammock ownership | | | |
| Has a hammock | 47 (42.3) | 22 (25.3) | 0.12 |
| Does not have a hammock | 64 (57.7) | 64 (73.6) | |
| Missing | - | 1 (1.1) | |
| Hammock use for sleeping at night among hammock owners | | | |
| Never | 12 (25.5) | 13 (59.1) | 0.13 |
| Sometimes | 20 (42.6) | 6 (27.3) | |
| Always | 15 (31.9) | 3 (13.6) | |
| Has a hammock net to use among hammock owners | 6 (12.8) | 3 (13.6) | 0.28 |
| Perceived protection of net among net owners | | | |
| Mosquitos enter the net | | | |
| Yes | 36 (43.9) | 37 (42.5) | 0.78 |
| No | 46 (56.1) | 40 (46.0) | |
| Categories of protection | | | |
| Unprotected | 59 (53.2) | 15 (17.2) | 0.15 |
| Partially protected | 17 (15.3) | 25 (28.7) | |
| Optimally protected | 35 (31.5) | 47 (54.0) | |

SUPPLEMENTAL TABLE 3
Youth survey by males sleeping or not sleeping outside their parental home in Vietnam

| | Male non-outside sleepers (N = 40) | Male outside sleepers (N = 71) | P value |
|---|---------------------------------------|-----------------------------------|---------|
| Mobility patterns | | | |
| Sleeps at forest fields during malaria season | 16 (40.0) | 36 (50.7) | 0.13 |
| Goes often to deep forest | 26 (65.0) | 49 (69.0) | 0.55 |
| Spends nights in deep forest | 4 (10.0) | 14 (19.7) | 0.43 |
| Spends nights across the border in Cambodia | 7 (17.5) | 9 (12.7) | 0.70 |
| Sleeping materials | | | |
| Net ownership | | | |
| Has a bed net | 32 (80.0) | 50 (70.4) | 0.18 |
| Does not have a bed net | 8 (20.0) | 21 (29.6) | |
| Net use among net owners | | | |
| Never | 10 (31.3) | 19 (38.0) | 0.11 |
| Sometimes | 2 (6.3) | 7 (14.0) | |
| Always | 20 (62.5) | 24 (48.0) | |
| Net type among net users | | | |
| Uses non-treated net | 1 (4.5) | 3 (9.7) | 0.65 |
| Uses treated net | 21 (95.5) | 28 (90.3) | |
| State of net among net users | | | |
| Intact (or repaired) | 18 (81.8) | 27 (87.1) | 0.46 |
| Broken (or repaired and broken again) | 4 (18.2) | 4 (12.9) | |
| Hammock ownership | | | |
| Has a hammock | 15 (37.5) | 32 (45.1) | 0.30 |
| Does not have a hammock | 25 (62.5) | 39 (54.9) | |
| Hammock use for sleeping at night | | | |
| Never | 5 (33.3) | 7 (21.9) | 0.02 |
| Sometimes | 3 (20.0) | 17 (53.1) | |
| Always | 7 (46.7) | 8 (25.0) | |
| Has a hammock net to use among hammock owners | 2 (13.3) | 4 (12.5) | 0.71 |
| Perceived protection of net among net owners | | | |
| Mosquitos enter the net | | | |
| Yes | 17 (42.5) | 19 (26.8) | 0.35 |
| No | 15 (37.5) | 31 (43.7) | |
| Missing | 8 (20.0) | 21 (29.6) | |
| Categories of protection | | | |
| Unprotected | 18 (45.0) | 41 (57.7) | 0.34 |
| Partially protected | 6 (15.0) | 11 (15.5) | |
| Optimally protected | 16 (40.0) | 19 (26.8) | |