

Household ownership of mosquito nets by background characteristic.

Households with at least one and more than one mosquito net (treated or untreated), and households that have at least one or more than one Insecticide Treated Net (ITN), by background characteristic

| Background characteristic | At least one net (n=1193) | | | P-value for χ^2 | More than one net (n=543) | | | P-value for χ^2 | At least one ITN (n=501) | | | P-value for χ^2 | More than one ITN (n=235) | | | P-value for χ^2 | Number of households* (n=5588) |
|-----------------------------------|---------------------------|------|-----------|----------------------|---------------------------|------|------------|----------------------|--------------------------|------|------------|----------------------|---------------------------|----------|----------------|----------------------|--------------------------------|
| | % (n) | RR | 95% CI | | % (n) | RR | 95% CI | | % (n) | RR | 95% CI | | % (n) | RR | 95% CI | | |
| <i>Residence</i> | | | | | | | | | | | | | | | | | |
| Urban | 19.9 (348) | 1.00 | | <0.0001 | 6.4 (112) | 1.00 | | <0.0001 | 9.4 (164) | 1.00 | | 0.657 | 3.4 (60) | 1.00 | | 0.037 | 1752 |
| Rural | 25.0 (769) | 1.26 | 1.13-1.41 | | 12.2 (374) | 1.90 | 1.55-2.33 | | 9.8 (300) | 1.04 | 0.87-1.25 | | 4.7 (144) | 1.38 | 1.02-1.84 | | 3076 |
| Total | 23.1 (1117) | | | | 10.1 (486) | | | | 9.6 (464) | | | | 4.2 (204) | | | | 4828 |
| <i>Household religion</i> | | | | | | | | | | | | | | | | | |
| Islam | 26.5 (387) | 1.00 | | 0.001 | 46.6 (214) | 1.00 | | | 10.9 (159) | 1.00 | | | 6.5 (95) | 1.00 | | | 1458 |
| Christianity | 22.8 (662) | 0.12 | 0.10-0.13 | | 8.4 (244) | 0.18 | 0.15-0.21 | <0.0001 | 9.8 (285) | 0.11 | 0.09-0.13 | 0.084 | 3.6 (104) | 0.18 | 0.13-0.24 | | 2909 |
| Other | 8.0 (4) | 0.33 | 0.13-1.22 | | 0.2 (1) | 0.73 | 0.13-29.12 | | 0.2 (1) | 0.55 | 0.10-21.67 | | 0.0 (0) | ∞ | 0.09- ∞ | | 50 |
| Total | 23.8 (1053) | 1.00 | | | 10.4 (459) | | | | 10.1 (445) | | | | 4.5 (199) | | | | 4417 |
| <i>Region</i> | | | | | | | | | | | | | | | | | |
| South west | 15.9 (182) | 1.00 | | <0.0001 | 5.8 (66) | 1.00 | | <0.0001 | 9.6 (110) | 1.00 | | <0.0001 | 4.6 (53) | 1.00 | | <0.0001 | 1144 |
| South east | 36.5 (261) | 2.30 | 1.95-2.71 | | 15.4 (110) | 2.66 | 1.99-3.57 | | 11.9 (85) | 1.23 | 0.95-1.62 | | 4.2 (30) | 0.91 | 0.69-1.79 | | 715 |
| South south | 10.8 (78) | 0.11 | 0.53-0.87 | | 2.8 (20) | 0.48 | 0.29-0.78 | | 4.0 (29) | 0.42 | 0.28-0.62 | | 0.3 (2) | 0.72 | 0.01-0.24 | | 723 |
| North west | 32.8 (287) | 2.06 | 1.75-2.43 | | 21.9 (192) | 3.80 | 2.91-4.95 | | 9.8 (86) | 1.02 | 0.78-1.33 | | 8.5 (74) | 1.82 | 1.30-2.57 | | 876 |
| North east | 41.1 (176) | 2.59 | 2.17-3.08 | | 21.0 (90) | 3.65 | 2.71-4.91 | | 24.7 (105) | 2.55 | 2.00-3.25 | | 9.6 (41) | 2.07 | 1.40-3.06 | | 428** |
| North central | 19.0 (209) | 1.19 | 1.00-1.43 | | 5.9 (65) | 1.03 | 0.74-1.43 | | 7.8 (86) | 1.02 | 0.78-1.33 | | 3.2 (35) | 0.69 | 0.45-1.04 | | 1099 |
| Total | 23.9 (1193) | | | | 10.9 (543) | | | | 10.1 (501) | | | | 4.7 (235) | | | | 4985 |
| <i>Combined wealth index</i> | | | | | | | | | | | | | | | | | |
| Lowest | 24.1 (271) | 1.00 | | 0.038 | 13.3 (150) | 1.00 | | 0.009 | 9.1 (102) | 1.00 | | 0.048# | 5.7 (64) | 1.00 | | 0.141 | 1126 |
| 2nd Quartile | 23.8 (275) | 1.01 | 0.85-1.12 | | 11.4 (131) | 1.17 | 0.92-1.50 | | 11.0 (127) | 0.82 | 0.63-1.08 | | 5.0 (58) | 1.13 | 0.78-1.64 | | 1154 |
| 3rd Quartile | 21.6 (303) | 1.12 | 0.94-1.32 | | 9.3 (131) | 1.43 | 1.12-1.82 | | 8.7 (122) | 1.04 | 0.79-1.37 | | 3.8 (53) | 1.50 | 1.03-2.21 | | 1404 |
| Highest | 26.3 (342) | 0.91 | 0.78-1.07 | | 10.0 (130) | 1.30 | 1.05-1.70 | | 11.4 (148) | 0.79 | 0.61-1.03 | | 4.5 (59) | 1.25 | 0.86-1.81 | | 1298 |
| Total | 23.9 (1191) | | | | 10.9 (542) | | | | 10.0 (499) | | | | 4.7 (234) | | | | 4982 |
| <i>Urban wealth index (n=348)</i> | | | | | | | | | | | | | | | | | |
| Lowest | 19.8 (86) | 1.00 | | 0.003 | 7.4 (32) | 1.00 | | 0.154 | 7.8 (34) | 1.00 | | 0.038 | 2.8 (12) | 1.00 | | 0.019 | 435 |
| 2nd Quartile | 16.8 (88) | 1.18 | 0.87-1.60 | | 4.8 (25) | 1.50 | 0.89-2.70 | | 8.6 (45) | 0.91 | 0.57-1.50 | | 2.9 (15) | 0.97 | 0.41-2.21 | | 525 |
| 3rd Quartile | 17.7 (68) | 1.12 | 0.80-1.54 | | 5.7 (22) | 1.28 | 0.72-2.32 | | 8.3(32) | 0.94 | 0.56-1.57 | | 2.3 (9) | 1.18 | 0.50-3.20 | | 384 |
| Highest | 26.0 (106) | 0.76 | 0.57-1.02 | | 8.1 (33) | 0.86 | 0.50-1.43 | | 13.0 (53) | 0.60 | 0.38-0.94 | | 5.9 (24) | 0.47 | 0.20-0.98 | | 408 |
| Total | 19.9 (348) | | | | 6.4 (112) | | | | 9.4 (164) | | | | 3.4 (60) | | | | 1752 |
| <i>Rural wealth index (n=769)</i> | | | | | | | | | | | | | | | | | |
| Lowest | 18.1 (166) | 1.00 | | <0.0001 | 10.6 (97) | 1.00 | | 0.017 | 7.2 (66) | 1.00 | | <0.0001 | 5.1 (47) | 1.00 | | 0.122 | 917 |
| 2nd Quartile | 30.1 (203) | 0.60 | 0.49-0.74 | | 14.8 (100) | 0.71 | 0.53-0.95 | | 13.5 (91) | 0.53 | 0.38-0.74 | | 5.9 (40) | 0.87 | 0.56-1.35 | | 675 |
| 3rd Quartile | 24.4 (172) | 0.74 | 0.60-0.92 | | 10.2 (72) | 1.04 | 0.76-1.43 | | 8.9 (63) | 0.81 | 0.56-1.16 | | 4.1 (29) | 1.25 | 0.77-2.05 | | 705 |
| Highest | 29.1 (226) | 0.62 | 0.51-0.76 | | 13.4 (104) | 0.79 | 0.59-1.05 | | 10.1 (78) | 0.72 | 0.51-1.01 | | 3.5 (27) | 1.47 | 0.90-2.46 | | 776 |
| Total | 25.0 (767) | | | | 12.1 (373) | | | | 9.7 (298) | | | | 4.7 (143) | | | | 3073 |

*Analysis was done for households without missing data

**Missing 42% of data

P-value significant at <0.05

#P-value for Fisher's exact test