|  | **P. Vivax Exposure** | | | **P. Falciparum Exposure** | | | **Recent Exposure** | | | **Historical Exposure** | | | **Overall** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Negative**, N = 3,6871 | **Positive**, N = 3131 | **p-value**2 | **Negative**, N = 3,9011 | **Positive**, N = 991 | **p-value**2 | **Negative**, N = 3,7971 | **Positive**, N = 2031 | **p-value**2 | **Negative**, N = 3,7321 | **Positive**, N = 2681 | **p-value**2 | **N = 4,000**1 |
| **Gender** |  |  | **<0.001** |  |  | 0.083 |  |  | **<0.001** |  |  | **<0.001** |  |
| Male | 1,841 (49.9%) | 228 (72.8%) |  | 2,009 (51.5%) | 60 (60.6%) |  | 1,912 (50.4%) | 157 (77.3%) |  | 1,888 (50.6%) | 181 (67.5%) |  | 2,069 (51.7%) |
| Female | 1,846 (50.1%) | 85 (27.2%) |  | 1,892 (48.5%) | 39 (39.4%) |  | 1,885 (49.6%) | 46 (22.7%) |  | 1,844 (49.4%) | 87 (32.5%) |  | 1,931 (48.3%) |
| **Age** |  |  | **<0.001** |  |  | **0.017** |  |  | **<0.001** |  |  | **<0.001** |  |
| [0-10) | 1,090 (29.7%) | 1 (0.3%) |  | 1,076 (27.7%) | 15 (15.3%) |  | 1,080 (28.5%) | 11 (5.5%) |  | 1,086 (29.2%) | 5 (1.9%) |  | 1,091 (27.4%) |
| [10-20) | 913 (24.8%) | 11 (3.5%) |  | 905 (23.3%) | 19 (19.4%) |  | 918 (24.2%) | 6 (3.0%) |  | 899 (24.2%) | 25 (9.3%) |  | 924 (23.2%) |
| [20-30) | 360 (9.8%) | 20 (6.4%) |  | 372 (9.6%) | 8 (8.2%) |  | 366 (9.7%) | 14 (7.0%) |  | 366 (9.8%) | 14 (5.2%) |  | 380 (9.5%) |
| [30-40) | 381 (10.4%) | 54 (17.3%) |  | 424 (10.9%) | 11 (11.2%) |  | 407 (10.7%) | 28 (13.9%) |  | 393 (10.6%) | 42 (15.7%) |  | 435 (10.9%) |
| [40-50) | 300 (8.2%) | 63 (20.2%) |  | 350 (9.0%) | 13 (13.3%) |  | 327 (8.6%) | 36 (17.9%) |  | 309 (8.3%) | 54 (20.1%) |  | 363 (9.1%) |
| [50-60) | 285 (7.8%) | 61 (19.6%) |  | 332 (8.5%) | 14 (14.3%) |  | 305 (8.1%) | 41 (20.4%) |  | 303 (8.1%) | 43 (16.0%) |  | 346 (8.7%) |
| [60-70) | 177 (4.8%) | 43 (13.8%) |  | 212 (5.4%) | 8 (8.2%) |  | 197 (5.2%) | 23 (11.4%) |  | 182 (4.9%) | 38 (14.2%) |  | 220 (5.5%) |
| [70+) | 170 (4.6%) | 59 (18.9%) |  | 219 (5.6%) | 10 (10.2%) |  | 187 (4.9%) | 42 (20.9%) |  | 182 (4.9%) | 47 (17.5%) |  | 229 (5.7%) |
| Missing | 11 | 1 |  | 11 | 1 |  | 10 | 2 |  | 12 | 0 |  | 12 |
| **Education Level** |  |  | **<0.001** |  |  | **0.014** |  |  | **<0.001** |  |  | **<0.001** |  |
| No schooling | 744 (20.2%) | 21 (6.7%) |  | 755 (19.4%) | 10 (10.1%) |  | 746 (19.7%) | 19 (9.4%) |  | 748 (20.1%) | 17 (6.3%) |  | 765 (19.1%) |
| Primary school | 1,726 (46.9%) | 202 (64.5%) |  | 1,869 (47.9%) | 59 (59.6%) |  | 1,795 (47.3%) | 133 (65.5%) |  | 1,757 (47.1%) | 171 (63.8%) |  | 1,928 (48.2%) |
| Secondary school | 1,117 (30.3%) | 89 (28.4%) |  | 1,176 (30.2%) | 30 (30.3%) |  | 1,156 (30.5%) | 50 (24.6%) |  | 1,126 (30.2%) | 80 (29.9%) |  | 1,206 (30.2%) |
| Higher education | 97 (2.6%) | 1 (0.3%) |  | 98 (2.5%) | 0 (0.0%) |  | 97 (2.6%) | 1 (0.5%) |  | 98 (2.6%) | 0 (0.0%) |  | 98 (2.5%) |
| Missing | 3 | 0 |  | 3 | 0 |  | 3 | 0 |  | 3 | 0 |  | 3 |
| **Economic Activities** |  |  | **<0.001** |  |  | **0.002** |  |  | **<0.001** |  |  | **<0.001** |  |
| None | 848 (23.0%) | 20 (6.4%) |  | 855 (21.9%) | 13 (13.3%) |  | 849 (22.4%) | 19 (9.4%) |  | 850 (22.8%) | 18 (6.7%) |  | 868 (21.7%) |
| Day labourer | 27 (0.7%) | 6 (1.9%) |  | 30 (0.8%) | 3 (3.1%) |  | 28 (0.7%) | 5 (2.5%) |  | 29 (0.8%) | 4 (1.5%) |  | 33 (0.8%) |
| Wood extractor | 20 (0.5%) | 7 (2.2%) |  | 25 (0.6%) | 2 (2.0%) |  | 22 (0.6%) | 5 (2.5%) |  | 21 (0.6%) | 6 (2.2%) |  | 27 (0.7%) |
| Fisherman | 62 (1.7%) | 13 (4.2%) |  | 72 (1.8%) | 3 (3.1%) |  | 67 (1.8%) | 8 (3.9%) |  | 63 (1.7%) | 12 (4.5%) |  | 75 (1.9%) |
| Livestock farmer | 1 (0.0%) | 0 (0.0%) |  | 1 (0.0%) | 0 (0.0%) |  | 1 (0.0%) | 0 (0.0%) |  | 1 (0.0%) | 0 (0.0%) |  | 1 (0.0%) |
| Farmer | 724 (19.7%) | 187 (59.7%) |  | 874 (22.4%) | 37 (37.8%) |  | 788 (20.8%) | 123 (60.6%) |  | 771 (20.7%) | 140 (52.4%) |  | 911 (22.8%) |
| Trader | 99 (2.7%) | 5 (1.6%) |  | 100 (2.6%) | 4 (4.1%) |  | 100 (2.6%) | 4 (2.0%) |  | 99 (2.7%) | 5 (1.9%) |  | 104 (2.6%) |
| Housewife | 620 (16.8%) | 53 (16.9%) |  | 657 (16.9%) | 16 (16.3%) |  | 647 (17.1%) | 26 (12.8%) |  | 624 (16.7%) | 49 (18.4%) |  | 673 (16.8%) |
| Student | 1,137 (30.9%) | 11 (3.5%) |  | 1,129 (29.0%) | 19 (19.4%) |  | 1,140 (30.0%) | 8 (3.9%) |  | 1,125 (30.2%) | 23 (8.6%) |  | 1,148 (28.7%) |
| Motorcycle taxi driver | 20 (0.5%) | 1 (0.3%) |  | 21 (0.5%) | 0 (0.0%) |  | 21 (0.6%) | 0 (0.0%) |  | 20 (0.5%) | 1 (0.4%) |  | 21 (0.5%) |
| Other | 126 (3.4%) | 10 (3.2%) |  | 135 (3.5%) | 1 (1.0%) |  | 131 (3.5%) | 5 (2.5%) |  | 127 (3.4%) | 9 (3.4%) |  | 136 (3.4%) |
| Missing | 3 | 0 |  | 2 | 1 |  | 3 | 0 |  | 2 | 1 |  | 3 |
| **Where he usually bathes** |  |  | **<0.001** |  |  | 0.616 |  |  | **<0.001** |  |  | 0.069 |  |
| Bathroom inside the dwelling | 435 (11.8%) | 20 (6.4%) |  | 447 (11.5%) | 8 (8.1%) |  | 446 (11.8%) | 9 (4.4%) |  | 432 (11.6%) | 23 (8.6%) |  | 455 (11.4%) |
| Bathroom outside the dwelling | 356 (9.7%) | 21 (6.7%) |  | 370 (9.5%) | 7 (7.1%) |  | 368 (9.7%) | 9 (4.4%) |  | 355 (9.5%) | 22 (8.2%) |  | 377 (9.5%) |
| In the countryside/river | 115 (3.1%) | 4 (1.3%) |  | 116 (3.0%) | 3 (3.0%) |  | 116 (3.1%) | 3 (1.5%) |  | 116 (3.1%) | 3 (1.1%) |  | 119 (3.0%) |
| Other | 2,769 (75.3%) | 268 (85.6%) |  | 2,956 (76.0%) | 81 (81.8%) |  | 2,855 (75.4%) | 182 (89.7%) |  | 2,817 (75.7%) | 220 (82.1%) |  | 3,037 (76.2%) |
| Missing | 12 | 0 |  | 12 | 0 |  | 12 | 0 |  | 12 | 0 |  | 12 |
| **Mosquito Net** |  |  | 0.520 |  |  | 0.215 |  |  | 0.259 |  |  | 0.508 |  |
| No | 34 (0.9%) | 1 (0.3%) |  | 33 (0.8%) | 2 (2.0%) |  | 35 (0.9%) | 0 (0.0%) |  | 32 (0.9%) | 3 (1.1%) |  | 35 (0.9%) |
| Yes | 3,643 (99.1%) | 312 (99.7%) |  | 3,858 (99.2%) | 97 (98.0%) |  | 3,752 (99.1%) | 203 (100.0%) |  | 3,690 (99.1%) | 265 (98.9%) |  | 3,955 (99.1%) |
| Missing | 10 | 0 |  | 10 | 0 |  | 10 | 0 |  | 10 | 0 |  | 10 |
| **Ever had malaria** |  |  | **<0.001** |  |  | **<0.001** |  |  | **<0.001** |  |  | **<0.001** |  |
| No | 2,765 (75.1%) | 53 (16.9%) |  | 2,780 (71.4%) | 38 (38.4%) |  | 2,774 (73.2%) | 44 (21.7%) |  | 2,765 (74.2%) | 53 (19.8%) |  | 2,818 (70.5%) |
| Yes | 896 (24.3%) | 254 (81.2%) |  | 1,090 (28.0%) | 60 (60.6%) |  | 995 (26.2%) | 155 (76.4%) |  | 938 (25.2%) | 212 (79.1%) |  | 1,150 (28.8%) |
| Don't Know / No Answer | 21 (0.6%) | 6 (1.9%) |  | 26 (0.7%) | 1 (1.0%) |  | 23 (0.6%) | 4 (2.0%) |  | 24 (0.6%) | 3 (1.1%) |  | 27 (0.7%) |
| Missing | 5 | 0 |  | 5 | 0 |  | 5 | 0 |  | 5 | 0 |  | 5 |
| 1n (%) | | | | | | | | | | | | | |
| 2Fisher's Exact Test for Count Data; Fisher's Exact Test for Count Data with simulated p-value  (based on 2000 replicates) | | | | | | | | | | | | | |