| Disease |  | Attributable fraction (%) | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Total cases | PM2.5 | Rainfall | No. rain days | Max. temperature | UTCI | Greenness |
| Chronic Respiratory Disease | | | | | | | |
| Moshi | 36 021 | 18.0 (-10.2, 39.1) | 0.1 (-18.6, 13.5) | -2.8 (-18.7, 10.5) | 1.3 (-8.3, 10.6) | -4.4 (-18.0, 5.6) | 6.0 (-3.1, 14.6) |
| Siha | 18 160 | 6.3 (-20.4, 29.1) | 4.0 (-15.3, 22.4) | 9.0 (-5.6, 22.5) | 3.3 (-4.5, 10.0) | 4.9 (-8.5, 15.9) | 8.7 (0.3, 16.2)\* |
| Hypertension | | | | | | | |
| Moshi | 159 390 | 3.9 (-21.4, 24.0) | 3.0 (-10.0, 15.0) | 1.0 (-11.6, 11.4) | 0.7 (-7.1, 7.7) | 0.9 (-10.8, 10.2) | 1.4 (-5.1, 7.3) |
| Siha | 50 928 | 0.0 (-25.3, 19.3) | -0.6 (-19.2, 14.4) | 5.2 (-7.9, 15.9) | 3.9 (-2.3, 9.8) | -0.9 (-18.3, 14.2) | 4.4 (-2.9, 11.2) |
| Diabetes Mellitus | | | | | | | |
| Moshi | 103 831 | -6.6 (-44.1, 21.3) | -1.2 (-19.6, 13.6) | 1.7 (-14.5, 15.7) | -1.0 (-11.7, 8.2) | -1.6 (-16.2, 9.7) | 2.8 (-7.2, 12.0) |
| Siha | 28 880 | 17.9 (-11.2, 41.6) | 11.3 (-8.1, 31.5) | 5.7 (-11.1, 19.1) | 4.2 (-3.6, 12.1) | 3.6 (-12.7, 17.7) | 61.1 (34.9, 76.3)\* |
| Upper Respiratory Infections | | | | | | | |
| Moshi | 528 158 | -3.1 (-31.3, 19.4) | 2.2 (-11.6, 13.6) | -3.1 (-16.8, 7.6) | -3.2 (-15.5, 6.8) | 0.8 (-10.5, 11.3) | 0.6 (-5.6, 6.1) |
| Siha | 372 518 | 1.2 (-24.7, 21.3) | 11.4 (-7.0, 32.7) | 13.3 (1.7, 23.7)\* | 2.4 (-3.9, 8.3) | 4.5 (-6.0, 13.5) | 2.3 (-5.3, 8.9) |
| Diarrhea | | | | | | | |
| Moshi | 59 024 | -33.6 (-85.6, -0.1)\* | -6.9 (-26.4, 8.2) | 1.5 (-15.9, 14.7) | 3.9 (-6.1, 14.2) | 3.8 (-8.0, 14.1) | 0.8 (-10.3, 9.9) |
| Siha | 33 840 | 2.9 (-28.0, 25.9) | -7.9 (-44.8, 12.5) | 1.8 (-17.2, 15.7) | 6.9 (-5.1, 16.9) | 0.0 (-7.4, 6.5) | 3.8 (-5.6, 12.7) |
| Urinary Tract Infections | | | | | | | |
| Moshi | 301 626 | -9.2 (-44.0, 15.8) | 1.9 (-12.4, 15.1) | 0.3 (-14.5, 11.5) | 1.4 (-11.0, 12.4) | 3.0 (-7.9, 12.5) | 3.9 (-4.3, 11.1) |
| Siha | 144 068 | 2.7 (-23.4, 23.1) | 8.1 (-8.9, 31.3) | 18.2 (6.1, 29.2)\* | 3.3 (-3.9, 10.1) | 8.8 (-3.3, 18.9) | 6.1 (0.9, 11.1)\* |
| Malaria | | | | | | | |
| Moshi | 11 338 | 20.4 (-11.5, 43.3) | 1.1 (-17.9, 19.1) | 7.2 (-10.4, 22.2) | 3.8 (-8.0, 16.1) | 0.2 (-15.6, 11.6) | 2.6 (-9.0, 13.3) |
| Siha | 5 954 | -7.3 (-51.5, 21.9) | -1.8 (-31.2, 23.3) | 9.9 (-8.3, 26.2) | 5.5 (-5.9, 15.5) | -2.4 (-16.6, 7.8) | 15.5 (5.3, 24.8)\* |
| Infectious Eye Disease | | | | | | | |
| Moshi | 17 476 | -8.4 (-59.5, 23.2) | 2.9 (-15.6, 18.6) | -13.7 (-38.7, 3.3) | 6.4 (-4.7, 17.1) | -1.5 (-16.1, 9.7) | -0.1 (-13.3, 10.9) |
| Siha | 16 027 | 15.4 (-18.4, 40.8) | -5.7 (-32.2, 13.4) | 4.2 (-14.2, 18.4) | 8.5 (-5.5, 19.7) | -3.0 (-33.4, 19.7) | 2.5 (-9.1, 11.3) |
| \*: 95% credibility interval excluding 0 | | | | | | | |