|  | District | Estimate (95% CI) | p value |
| --- | --- | --- | --- |
| Chronic Respiratory Disease | | | |
| Average trend level | Siha - Moshi | -24.073 (-35.755, -12.39) | <1e-04\* |
| Average yearly trend change | Moshi | -13.707 (-18.697, -8.717) | <1e-04\* |
| Average yearly trend change | Siha | -8.564 (-15.811, -1.317) | 0.0205\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -113.284 (-160.147, -66.42) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 111.257 (41.955, 180.558) | 0.0017\* |
| Diabetes Mellitus | | | |
| Average trend level | Siha - Moshi | -311.539 (-341.218, -281.86) | <1e-04\* |
| Average yearly trend change | Moshi | 22.988 (10.819, 35.157) | 0.0002\* |
| Average yearly trend change | Siha | -12.441 (-22.901, -1.98) | 0.0198\* |
| Average yearly trend change | Siha - Moshi | -35.429 (-51.476, -19.382) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 178.368 (85.796, 270.941) | 0.0002\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | -129.436 (-252.077, -6.796) | 0.0386\* |
| Epilepsy | | | |
| Average trend level | Siha - Moshi | -47.591 (-58.489, -36.693) | <1e-04\* |
| Average yearly trend change | Moshi | -28.609 (-35.718, -21.5) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 27.724 (18.916, 36.531) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -303.914 (-406.081, -201.747) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 296.002 (187.694, 404.31) | <1e-04\* |
| Fractures | | | |
| Average trend level | Siha - Moshi | -59.155 (-73.005, -45.306) | <1e-04\* |
| Hypertension | | | |
| Average trend level | Siha - Moshi | -362.013 (-403.764, -320.262) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | 139.052 (6.461, 271.642) | 0.0398\* |
| Infectious Eye Disease | | | |
| Average trend level | Siha - Moshi | 60.779 (49.162, 72.395) | <1e-04\* |
| Average yearly trend change | Moshi | -5.247 (-10.274, -0.219) | 0.0408\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -58.415 (-102.883, -13.947) | 0.0100\* |
| Intestinal Worms | | | |
| Average trend level | Siha - Moshi | 354.07 (326.074, 382.067) | <1e-04\* |
| Average yearly trend change | Moshi | -26.511 (-31.811, -21.212) | <1e-04\* |
| Average yearly trend change | Siha | -54.88 (-75.757, -34.004) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | -28.369 (-49.908, -6.831) | 0.0098\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -210.114 (-260.446, -159.782) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | -270.554 (-442.538, -98.571) | 0.0020\* |
| Leprosy | | | |
| Average trend level | Siha - Moshi | -1.306 (-1.91, -0.702) | <1e-04\* |
| Malaria | | | |
| Average trend level | Siha - Moshi | -6.554 (-12.192, -0.916) | 0.0227\* |
| Average yearly trend change | Moshi | -11.161 (-13.306, -9.016) | <1e-04\* |
| Average yearly trend change | Siha | -17.25 (-21.152, -13.348) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | -6.089 (-10.542, -1.636) | 0.0074\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -47.22 (-68.101, -26.339) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | -225.247 (-310.877, -139.616) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | -178.026 (-266.166, -89.887) | <1e-04\* |
| Neuroses | | | |
| Average trend level | Siha - Moshi | -20.3 (-25.011, -15.588) | <1e-04\* |
| Other Cardiovascular Diseases | | | |
| Average trend level | Siha - Moshi | -57.539 (-64.912, -50.165) | <1e-04\* |
| Pneumonia, Severe | | | |
| Average trend level | Siha - Moshi | -71.88 (-108.574, -35.186) | 0.0001\* |
| Average yearly trend change | Moshi | 67.845 (19.36, 116.329) | 0.0061\* |
| Average yearly trend change | Siha - Moshi | -63.942 (-120.392, -7.492) | 0.0264\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 478.614 (237.413, 719.815) | 0.0001\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | -449.955 (-758.135, -141.776) | 0.0042\* |
| Poisoning | | | |
| Average trend level | Siha - Moshi | -7.909 (-10.975, -4.843) | <1e-04\* |
| Average yearly trend change | Moshi | -4.884 (-6.179, -3.588) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 11.288 (4.714, 17.863) | 0.0008\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -44.416 (-58.288, -30.543) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | 26.612 (4.397, 48.827) | 0.0189\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 71.027 (44.837, 97.218) | <1e-04\* |
| Psychoses | | | |
| Average trend level | Siha - Moshi | -160.394 (-177.664, -143.124) | <1e-04\* |
| Average yearly trend change | Moshi | -22.074 (-29.429, -14.719) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 21.298 (13.622, 28.975) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -187.244 (-282.023, -92.464) | 0.0001\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 178.823 (82.388, 275.259) | 0.0003\* |
| Road Traffic Accidents | | | |
| Average trend level | Siha - Moshi | 9.952 (4.324, 15.58) | 0.0005\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -37.44 (-72.194, -2.686) | 0.0347\* |
| Schistosomiasis | | | |
| Average trend level | Siha - Moshi | -1.72 (-2.578, -0.862) | <1e-04\* |
| Average yearly trend change | Moshi | -1.083 (-1.704, -0.463) | 0.0006\* |
| Average yearly trend change | Siha | -0.229 (-0.385, -0.073) | 0.0040\* |
| Average yearly trend change | Siha - Moshi | 0.854 (0.214, 1.494) | 0.0089\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -13.23 (-23.754, -2.706) | 0.0137\* |
| Trend difference (2014-01 to 2022-12) | Siha | -2.003 (-3.472, -0.534) | 0.0075\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 11.227 (0.601, 21.853) | 0.0384\* |
| Skin Infection - Fungal | | | |
| Average trend level | Siha - Moshi | 15.415 (3.215, 27.615) | 0.0133\* |
| Average yearly trend change | Moshi | -18.857 (-24.24, -13.474) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 21.743 (10.195, 33.291) | 0.0002\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -159.838 (-221.633, -98.043) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | 101.261 (44.393, 158.13) | 0.0005\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 261.1 (177.12, 345.08) | <1e-04\* |
| Snake and Insect Bites | | | |
| Average trend level | Siha - Moshi | 3.998 (2.181, 5.815) | <1e-04\* |
| Average yearly trend change | Moshi | -1.537 (-1.996, -1.079) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 1.405 (0.185, 2.624) | 0.0240\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -13.415 (-17.713, -9.117) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 10.401 (0.644, 20.158) | 0.0367\* |
| Substance Abuse | | | |
| Average trend level | Siha - Moshi | -7.443 (-11.5, -3.385) | 0.0003\* |
| Trend difference (2014-01 to 2022-12) | Siha | 20.056 (3.11, 37.003) | 0.0204\* |
| Tuberculosis | | | |
| Average trend level | Siha - Moshi | -19.028 (-23.74, -14.317) | <1e-04\* |
| Average yearly trend change | Moshi | -3.855 (-5.658, -2.053) | <1e-04\* |
| Average yearly trend change | Siha | -1.955 (-3.223, -0.687) | 0.0025\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -32.693 (-48.881, -16.505) | <1e-04\* |
| Upper Respiratory Infections | | | |
| Average trend level | Siha - Moshi | 447.169 (272.121, 622.217) | <1e-04\* |
| Average yearly trend change | Moshi | 130.666 (57.299, 204.033) | 0.0005\* |
| Average yearly trend change | Siha - Moshi | -215.647 (-349.163, -82.132) | 0.0015\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 1194.221 (714.99, 1673.451) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | -1365.572 (-2332.291, -398.852) | 0.0056\* |
| Urinary Tract Infections | | | |
| Average trend level | Siha - Moshi | -358.206 (-447.621, -268.791) | <1e-04\* |
| Average yearly trend change | Moshi | 51.227 (6.674, 95.781) | 0.0242\* |
| Average yearly trend change | Siha - Moshi | -65.861 (-131.628, -0.093) | 0.0497\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 513.495 (221.054, 805.936) | 0.0006\* |
| Caries | | | |
| Average yearly trend change | Moshi | -8.558 (-12.66, -4.457) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -150.194 (-252.772, -47.617) | 0.0041\* |
| Dysentery | | | |
| Average yearly trend change | Moshi | -9.136 (-12.745, -5.526) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -118.459 (-197.387, -39.532) | 0.0033\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 191.891 (68.396, 315.385) | 0.0023\* |
| Peptic Ulcers | | | |
| Average yearly trend change | Moshi | 15.424 (6.991, 23.857) | 0.0003\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 112.494 (53.98, 171.008) | 0.0002\* |
| Trend difference (2014-01 to 2022-12) | Siha | 220.14 (113.087, 327.194) | <1e-04\* |
| Malnutrition | | | |
| Average yearly trend change | Moshi | -12.272 (-16.739, -7.804) | <1e-04\* |
| Average yearly trend change | Siha | -10.966 (-16.631, -5.3) | 0.0001\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -115.955 (-174.084, -57.826) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | -94.105 (-169.231, -18.979) | 0.0141\* |
| Diarrhea | | | |
| Average yearly trend change | Moshi | -24.166 (-34.686, -13.645) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 32.603 (4.251, 60.954) | 0.0242\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -215.208 (-336.717, -93.7) | 0.0005\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 218.899 (35.122, 402.675) | 0.0196\* |
| Neoplasms/Cancer | | | |
| Trend difference (2014-01 to 2022-12) | Siha | 65.585 (11.44, 119.731) | 0.0176\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 68.695 (14.006, 123.385) | 0.0138\* |