|  | District | Estimate (95% CI) | p value |
| --- | --- | --- | --- |
| Cardiovascular Diseases | | | |
| Average trend level | Siha - Moshi | -407.179 (-460.386, -353.972) | <1e-04\* |
| Average yearly trend change | Siha | 27.728 (2.081, 53.375) | 0.0341\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 317.677 (126.475, 508.879) | 0.0011\* |
| Trend difference (2014-01 to 2022-12) | Siha | 304.062 (145.35, 462.775) | 0.0002\* |
| Diabetes Mellitus | | | |
| Average trend level | Siha - Moshi | -320.646 (-353.88, -287.412) | <1e-04\* |
| Average yearly trend change | Moshi | 20.651 (8.472, 32.83) | 0.0009\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 180.795 (76.075, 285.515) | 0.0007\* |
| Trend difference (2014-01 to 2022-12) | Siha | 132.431 (50.546, 214.316) | 0.0015\* |
| Gastrointestinal Infections | | | |
| Average trend level | Siha - Moshi | 362.469 (320.809, 404.13) | <1e-04\* |
| Average yearly trend change | Moshi | -30.956 (-44.299, -17.614) | <1e-04\* |
| Infectious Eye Disease | | | |
| Average trend level | Siha - Moshi | 52.623 (38.325, 66.922) | <1e-04\* |
| Average yearly trend change | Siha | 18.658 (2.846, 34.47) | 0.0207\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 69.201 (35.336, 103.067) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | 196.76 (105.16, 288.361) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 127.559 (29.899, 225.22) | 0.0105\* |
| Neurological | | | |
| Average trend level | Siha - Moshi | -222.269 (-243.053, -201.484) | <1e-04\* |
| Average yearly trend change | Moshi | -22.256 (-30.298, -14.215) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 21.901 (11.905, 31.896) | <1e-04\* |
| Other Non-Communicable | | | |
| Average trend level | Siha - Moshi | -37.057 (-64.701, -9.413) | 0.0086\* |
| Average yearly trend change | Moshi | -25.626 (-41.035, -10.218) | 0.0011\* |
| Average yearly trend change | Siha - Moshi | 30.1 (2.885, 57.315) | 0.0302\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -297.91 (-448.043, -147.776) | 0.0001\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 413.043 (193.562, 632.524) | 0.0002\* |
| Respiratory Diseases | | | |
| Average trend level | Siha - Moshi | -38.304 (-52.816, -23.793) | <1e-04\* |
| Average yearly trend change | Moshi | -19 (-25.034, -12.966) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 17.043 (7.411, 26.675) | 0.0005\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -184.174 (-252.537, -115.811) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 189.746 (100.945, 278.547) | <1e-04\* |
| Respiratory Infections | | | |
| Average trend level | Siha - Moshi | 284.48 (112.259, 456.7) | 0.0012\* |
| Average yearly trend change | Moshi | 229.337 (143.171, 315.502) | <1e-04\* |
| Average yearly trend change | Siha | 118.49 (12.625, 224.354) | 0.0283\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 2262.893 (1692.078, 2833.708) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | 2284.372 (1589.236, 2979.507) | <1e-04\* |
| Trauma | | | |
| Average trend level | Siha - Moshi | -58.565 (-73.608, -43.521) | <1e-04\* |
| Average yearly trend change | Moshi | -12.492 (-17.098, -7.885) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 11.766 (3.016, 20.517) | 0.0084\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -115.654 (-159.671, -71.636) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 121.628 (50.669, 192.587) | 0.0008\* |
| Urinary Infections | | | |
| Average trend level | Siha - Moshi | -379.995 (-462.585, -297.406) | <1e-04\* |
| Average yearly trend change | Moshi | 55.083 (19.341, 90.825) | 0.0025\* |
| Trend difference (2014-01 to 2022-12) | Moshi | 560.376 (290.371, 830.382) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | 544.196 (276.856, 811.535) | <1e-04\* |
| Vector-borne Infections | | | |
| Average trend level | Siha - Moshi | 9.591 (2.176, 17.007) | 0.0112\* |
| Average yearly trend change | Moshi | -9.609 (-11.727, -7.492) | <1e-04\* |
| Average yearly trend change | Siha | -26.793 (-32.097, -21.489) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | -17.184 (-22.895, -11.473) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -94.593 (-132.012, -57.174) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | -262.127 (-361.93, -162.323) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | -167.534 (-274.122, -60.946) | 0.0021\* |
| Malnutrition | | | |
| Average yearly trend change | Moshi | -11.511 (-14.913, -8.109) | <1e-04\* |
| Average yearly trend change | Siha | -5.982 (-9.533, -2.43) | 0.0010\* |
| Average yearly trend change | Siha - Moshi | 5.53 (0.612, 10.447) | 0.0275\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -113.16 (-148.858, -77.463) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha | -40.994 (-79.639, -2.348) | 0.0376\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 72.167 (19.556, 124.777) | 0.0072\* |
| Other Communicable Diseases | | | |
| Average yearly trend change | Moshi | -25.583 (-31.925, -19.241) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 30.187 (18.609, 41.765) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Moshi | -262.762 (-345.51, -180.014) | <1e-04\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 308.505 (200.933, 416.076) | <1e-04\* |
| Cancer | | | |
| Trend difference (2014-01 to 2022-12) | Siha | 72.33 (18.247, 126.412) | 0.0088\* |
| Trend difference (2014-01 to 2022-12) | Siha - Moshi | 69.64 (15.208, 124.072) | 0.0122\* |