|  | District | Estimate (95% CI) | p value |
| --- | --- | --- | --- |
| Chronic Respiratory Disease | | | |
| Average trend level | Siha - Moshi | -38.307 (-52.818, -23.796) | <1e-04\* |
| Average yearly trend change | Moshi | -19 (-25.034, -12.967) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 17.049 (7.416, 26.683) | 0.0005\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -184.176 (-252.538, -115.815) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 189.815 (101.014, 278.615) | <1e-04\* |
| 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 (2012-01 to 2021-12) | Moshi | 180.796 (76.076, 285.515) | 0.0007\* |
| Trend difference (2012-01 to 2021-12) | Siha | 132.432 (50.547, 214.317) | 0.0015\* |
| Epilepsy | | | |
| Average trend level | Siha - Moshi | -50.417 (-60.676, -40.158) | <1e-04\* |
| Average yearly trend change | Moshi | -14.057 (-18.244, -9.871) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 13.238 (7.025, 19.45) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -42.461 (-78.622, -6.301) | 0.0214\* |
| Fractures | | | |
| Average trend level | Siha - Moshi | -64.659 (-77.748, -51.569) | <1e-04\* |
| Average yearly trend change | Moshi | -7.278 (-12.239, -2.318) | 0.0040\* |
| Average yearly trend change | Siha - Moshi | 9.295 (1.736, 16.854) | 0.0159\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -61.584 (-110.45, -12.718) | 0.0135\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 89.035 (25.918, 152.152) | 0.0057\* |
| Hypertension | | | |
| Average trend level | Siha - Moshi | -342.467 (-391.749, -293.184) | <1e-04\* |
| Average yearly trend change | Siha | 27.671 (3.265, 52.078) | 0.0263\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 275.965 (100.862, 451.068) | 0.0020\* |
| Trend difference (2012-01 to 2021-12) | Siha | 297.853 (148.918, 446.788) | <1e-04\* |
| Infectious Eye Disease | | | |
| Average trend level | Siha - Moshi | 52.624 (38.325, 66.922) | <1e-04\* |
| Average yearly trend change | Siha | 18.658 (2.847, 34.47) | 0.0207\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 69.201 (35.336, 103.067) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | 196.759 (105.16, 288.358) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 127.557 (29.899, 225.216) | 0.0105\* |
| Intestinal Worms | | | |
| Average trend level | Siha - Moshi | 367.904 (338.669, 397.138) | <1e-04\* |
| Average yearly trend change | Moshi | -28.898 (-34.128, -23.669) | <1e-04\* |
| Average yearly trend change | Siha | -44.775 (-62.802, -26.747) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -266.189 (-323.489, -208.889) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | -372.651 (-546.688, -198.614) | <1e-04\* |
| Leprosy | | | |
| Average trend level | Siha - Moshi | -1.305 (-1.973, -0.638) | 0.0001\* |
| Malaria | | | |
| 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 (2012-01 to 2021-12) | Moshi | -94.593 (-132.012, -57.173) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | -262.127 (-361.93, -162.323) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | -167.534 (-274.122, -60.946) | 0.0021\* |
| Neuroses | | | |
| Average trend level | Siha - Moshi | -22.679 (-27.716, -17.643) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | 17.304 (4.344, 30.265) | 0.0089\* |
| Other Cardiovascular Diseases | | | |
| Average trend level | Siha - Moshi | -62.321 (-70.59, -54.052) | <1e-04\* |
| Peptic Ulcers | | | |
| Average trend level | Siha - Moshi | -24.752 (-48.4, -1.104) | 0.0402\* |
| Average yearly trend change | Moshi | 13.342 (5.358, 21.327) | 0.0011\* |
| Average yearly trend change | Siha | 29.79 (9.856, 49.725) | 0.0034\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 111.669 (46.954, 176.383) | 0.0007\* |
| Trend difference (2012-01 to 2021-12) | Siha | 295.748 (176.993, 414.503) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 184.079 (48.836, 319.323) | 0.0076\* |
| Pneumonia, Severe | | | |
| Average trend level | Siha - Moshi | -65.974 (-99.993, -31.955) | 0.0001\* |
| Average yearly trend change | Moshi | 57.163 (13.31, 101.016) | 0.0106\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 435.855 (187.614, 684.096) | 0.0006\* |
| Poisoning | | | |
| Average trend level | Siha - Moshi | -14.475 (-17.876, -11.074) | <1e-04\* |
| Average yearly trend change | Moshi | -7.029 (-8.743, -5.316) | <1e-04\* |
| Average yearly trend change | Siha | 6.632 (0.707, 12.557) | 0.0282\* |
| Average yearly trend change | Siha - Moshi | 13.661 (7.494, 19.829) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -74.026 (-96.139, -51.913) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | 38.176 (17.261, 59.091) | 0.0003\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 112.202 (81.764, 142.639) | <1e-04\* |
| Psychoses | | | |
| Average trend level | Siha - Moshi | -148.407 (-164.617, -132.198) | <1e-04\* |
| Average yearly trend change | Moshi | -6.519 (-9.97, -3.069) | 0.0002\* |
| Average yearly trend change | Siha - Moshi | 5.694 (1.796, 9.593) | 0.0042\* |
| Schistosomiasis | | | |
| Average trend level | Siha - Moshi | -2.309 (-3.695, -0.922) | 0.0011\* |
| Average yearly trend change | Moshi | -1.73 (-2.639, -0.82) | 0.0002\* |
| Average yearly trend change | Siha | -0.877 (-1.466, -0.289) | 0.0035\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -18.757 (-33.274, -4.239) | 0.0113\* |
| Trend difference (2012-01 to 2021-12) | Siha | -11.954 (-23.341, -0.568) | 0.0396\* |
| Snake and Insect Bites | | | |
| Average trend level | Siha - Moshi | 6.101 (4.135, 8.067) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 1.648 (0.286, 3.01) | 0.0177\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | -13.006 (-25.069, -0.944) | 0.0346\* |
| Substance Abuse | | | |
| Average trend level | Siha - Moshi | -7.32 (-11.175, -3.465) | 0.0002\* |
| Tuberculosis | | | |
| Average trend level | Siha - Moshi | -16.816 (-20.995, -12.636) | <1e-04\* |
| Average yearly trend change | Moshi | -1.823 (-3.399, -0.247) | 0.0234\* |
| Average yearly trend change | Siha | -1.766 (-2.743, -0.789) | 0.0004\* |
| Upper Respiratory Infections | | | |
| Average trend level | Siha - Moshi | 352.041 (197.044, 507.037) | <1e-04\* |
| Average yearly trend change | Moshi | 173.973 (95.933, 252.013) | <1e-04\* |
| Average yearly trend change | Siha | 108.612 (11.889, 205.336) | 0.0277\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 1855.652 (1348.061, 2363.243) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | 2115.317 (1469.528, 2761.106) | <1e-04\* |
| Urinary Tract Infections | | | |
| Average trend level | Siha - Moshi | -379.996 (-462.585, -297.406) | <1e-04\* |
| Average yearly trend change | Moshi | 55.082 (19.341, 90.824) | 0.0025\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 560.369 (290.366, 830.372) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | 544.196 (276.856, 811.536) | <1e-04\* |
| Caries | | | |
| Average yearly trend change | Moshi | -32.056 (-43.66, -20.453) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 30.944 (0.973, 60.914) | 0.0430\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -426.176 (-681.869, -170.483) | 0.0011\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 357.163 (58.003, 656.324) | 0.0193\* |
| Dysentery | | | |
| Average yearly trend change | Moshi | -7.505 (-9.898, -5.112) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -44.739 (-74.443, -15.036) | 0.0032\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 101.368 (0.018, 202.719) | 0.0500\* |
| Skin Infection - Fungal | | | |
| Average yearly trend change | Moshi | -23.925 (-30.195, -17.655) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 29.955 (18.071, 41.839) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -247.099 (-328.495, -165.704) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 311.503 (204.822, 418.183) | <1e-04\* |
| Malnutrition | | | |
| Average yearly trend change | Moshi | -11.542 (-14.955, -8.129) | <1e-04\* |
| Average yearly trend change | Siha | -5.984 (-9.538, -2.431) | 0.0010\* |
| Average yearly trend change | Siha - Moshi | 5.558 (0.631, 10.484) | 0.0270\* |
| Trend difference (2012-01 to 2021-12) | Moshi | -113.472 (-149.283, -77.661) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | -41.026 (-79.7, -2.353) | 0.0376\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 72.445 (19.738, 125.153) | 0.0071\* |
| Diarrhea | | | |
| Average yearly trend change | Siha | 62.038 (9.131, 114.944) | 0.0215\* |
| Trend difference (2012-01 to 2021-12) | Moshi | 181.018 (102.847, 259.189) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha | 435.446 (237.65, 633.242) | <1e-04\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 254.428 (41.745, 467.111) | 0.0190\* |
| Neoplasms/Cancer | | | |
| Trend difference (2012-01 to 2021-12) | Siha | 72.33 (18.247, 126.412) | 0.0088\* |
| Trend difference (2012-01 to 2021-12) | Siha - Moshi | 69.64 (15.208, 124.072) | 0.0122\* |
| Road Traffic Accidents | | | |
| Trend difference (2012-01 to 2021-12) | Moshi | -60.901 (-101.022, -20.781) | 0.0029\* |
| Typhoid | | | |
| Trend difference (2012-01 to 2021-12) | Moshi | 42.977 (15.28, 70.674) | 0.0024\* |