|  | District | Estimate (95% CI) | p value |
| --- | --- | --- | --- |
| Cardiovascular Diseases | | | |
| Average trend level | Siha - Moshi | -422.05 (-465.131, -378.969) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha | 143.707 (8.387, 279.027) | 0.0374\* |
| Diabetes Mellitus | | | |
| Average trend level | Siha - Moshi | -311.654 (-341.343, -281.965) | <1e-04\* |
| Average yearly trend change | Moshi | 23.012 (10.835, 35.189) | 0.0002\* |
| Average yearly trend change | Siha | -12.437 (-22.902, -1.972) | 0.0198\* |
| Average yearly trend change | Siha - Moshi | -35.449 (-51.504, -19.393) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Moshi | 178.553 (85.925, 271.18) | 0.0002\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | -129.606 (-252.303, -6.909) | 0.0384\* |
| Gastrointestinal Infections | | | |
| Average trend level | Siha - Moshi | 347.127 (304.388, 389.865) | <1e-04\* |
| Average yearly trend change | Moshi | -65.644 (-81.575, -49.714) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Moshi | -623.97 (-824.878, -423.062) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | 399.439 (71.011, 727.867) | 0.0171\* |
| Infectious Eye Disease | | | |
| Average trend level | Siha - Moshi | 60.779 (49.163, 72.395) | <1e-04\* |
| Average yearly trend change | Moshi | -5.247 (-10.274, -0.219) | 0.0408\* |
| Trend difference (2015-01 to 2022-12) | Moshi | -58.414 (-102.882, -13.946) | 0.0100\* |
| Neurological | | | |
| Average trend level | Siha - Moshi | -229.685 (-252.053, -207.317) | <1e-04\* |
| Average yearly trend change | Moshi | -39.966 (-48.832, -31.101) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 37.97 (26.834, 49.107) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Moshi | -336.331 (-414.988, -257.674) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | 325.324 (233.146, 417.502) | <1e-04\* |
| Other Communicable Diseases | | | |
| Average trend level | Siha - Moshi | 14.847 (2.262, 27.433) | 0.0208\* |
| Average yearly trend change | Moshi | -20.03 (-25.622, -14.438) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | 22.716 (11.008, 34.424) | 0.0001\* |
| Trend difference (2015-01 to 2022-12) | Moshi | -171.497 (-236.019, -106.974) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha | 98.268 (40.653, 155.883) | 0.0008\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | 269.765 (183.262, 356.267) | <1e-04\* |
| Respiratory Diseases | | | |
| Average trend level | Siha - Moshi | -24.075 (-35.756, -12.393) | <1e-04\* |
| Average yearly trend change | Moshi | -13.706 (-18.696, -8.717) | <1e-04\* |
| Average yearly trend change | Siha | -8.564 (-15.811, -1.318) | 0.0205\* |
| Trend difference (2015-01 to 2022-12) | Moshi | -113.287 (-160.143, -66.431) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | 111.261 (41.966, 180.557) | 0.0016\* |
| Respiratory Infections | | | |
| Average trend level | Siha - Moshi | 367.252 (174.324, 560.18) | 0.0002\* |
| Average yearly trend change | Moshi | 209.116 (132.248, 285.984) | <1e-04\* |
| Average yearly trend change | Siha - Moshi | -266.977 (-413.025, -120.93) | 0.0003\* |
| Trend difference (2015-01 to 2022-12) | Moshi | 1701.117 (1193.154, 2209.079) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | -1765.368 (-2796.29, -734.446) | 0.0008\* |
| Trauma | | | |
| Average trend level | Siha - Moshi | -49.006 (-64.373, -33.639) | <1e-04\* |
| Average yearly trend change | Moshi | -9.3 (-14.41, -4.19) | 0.0004\* |
| Trend difference (2015-01 to 2022-12) | Moshi | -75.521 (-118.06, -32.981) | 0.0005\* |
| Urinary 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 (2015-01 to 2022-12) | Moshi | 513.495 (221.054, 805.936) | 0.0006\* |
| Vector-borne Infections | | | |
| 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 (2015-01 to 2022-12) | Moshi | -47.22 (-68.101, -26.339) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha | -225.247 (-310.877, -139.617) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | -178.027 (-266.166, -89.887) | <1e-04\* |
| Malnutrition | | | |
| Average yearly trend change | Moshi | -12.272 (-16.739, -7.805) | <1e-04\* |
| Average yearly trend change | Siha | -10.966 (-16.631, -5.3) | 0.0001\* |
| Trend difference (2015-01 to 2022-12) | Moshi | -115.956 (-174.085, -57.826) | <1e-04\* |
| Trend difference (2015-01 to 2022-12) | Siha | -94.105 (-169.231, -18.979) | 0.0141\* |
| Cancer | | | |
| Trend difference (2015-01 to 2022-12) | Siha | 65.598 (11.464, 119.731) | 0.0175\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | 68.704 (14.028, 123.38) | 0.0138\* |
| Other Non-Communicable | | | |
| Trend difference (2015-01 to 2022-12) | Siha | 168.777 (22.862, 314.691) | 0.0234\* |
| Trend difference (2015-01 to 2022-12) | Siha - Moshi | 188.855 (11.262, 366.447) | 0.0371\* |