

**Figure S1**: Administrative boundaries and distribution of urban and rural councils in mainland Tanzania. *Within the urban councils, town authorities were considered rural due to presence of high numbers of mixed and rural wards within the council thereby resulting in a total of 25 urban councils*



**Figure S2:** Locations of sampled schools for SMPS in 2015 & 2017 (N=711)



**Figure S3:** Location of operational health facilities by ownership in mainland Tanzania (N=7620) (Source: HFR Portal, www.moh.go.tz/hfrportal/)

**Table S1:** Excel file – The maximum of the annual mean values per indicator and resulting overall risk strata assigned per council

**Table S2:** The cumulative proportion of health facilities submitting between 3 – 12 monthly facility reports from OPD, ANC and laboratory in 2015 – 2017 (N = Total number of facilities)

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| --- | --- | --- | --- |
| **# of monthly reports submitted** | **Laboratory** | **OPD** | **ANC** |
| **2016****(N=6297)**  | **2017****(N=7078)** | **2015****(N=7004)** | **2016****(N=7215)** | **2017****(N=7425)** | **2015****(N=5981)** | **2016****(N=6170)** | **2017****(N=6362)** |
| **3** | 85.7% | 95.8% | 98.4% | 98.0% | 98.7% | 99.0% | 98.8% | 99.3% |
| **6** | 57.9% | 89.9% | 95.5% | 95.4% | 95.9% | 97.5% | 97.7% | 97.7% |
| **9** | 19.3% | 78.9% | 87.7% | 91.5% | 92.4% | 95.3% | 95.7% | 96.0% |
| **12** | 3.0% | 38.9% | 59.0% | 63.0% | 69.3% | 76.8% | 80.3% | 81.7% |

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| **Strata** | **No. councils** | **No. urban councils (municipal/city councils)\*** | **Percent population** |
| Very Low | 31 | 3 | 36% |
| Low | 32 | 10 | 26% |
| Moderate | 50 | 8 | 24% |
| High | 71 | 4 | 14% |
| **Total** | **184** | **25** | **100%** |

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**Figure S4**: Malaria risk stratification using health facilities with >50% reporting rates