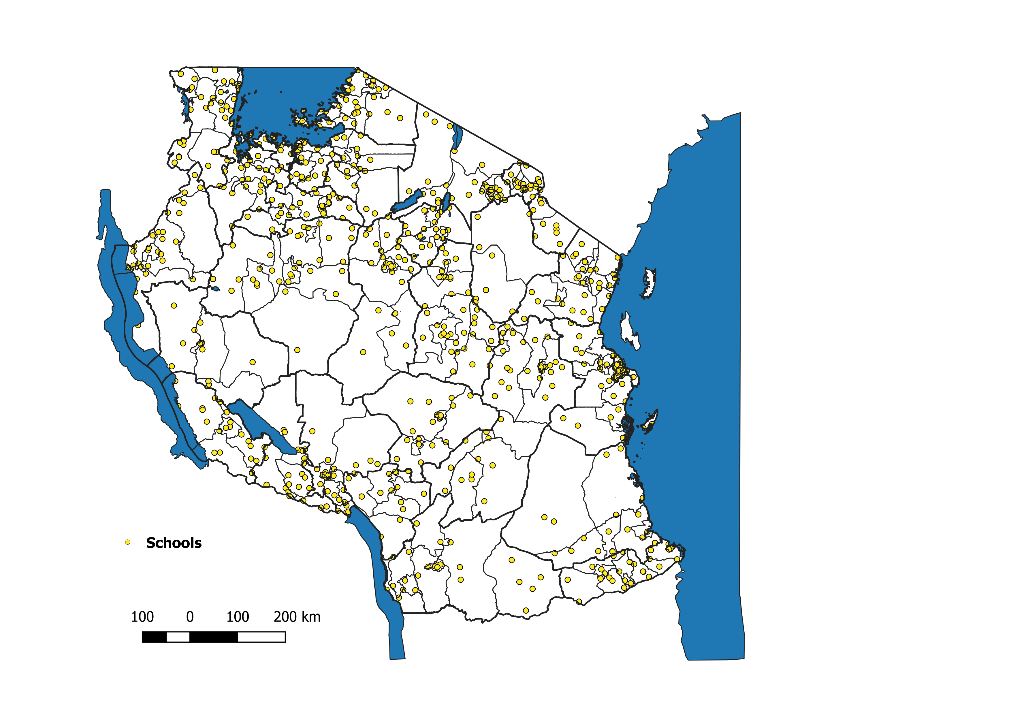
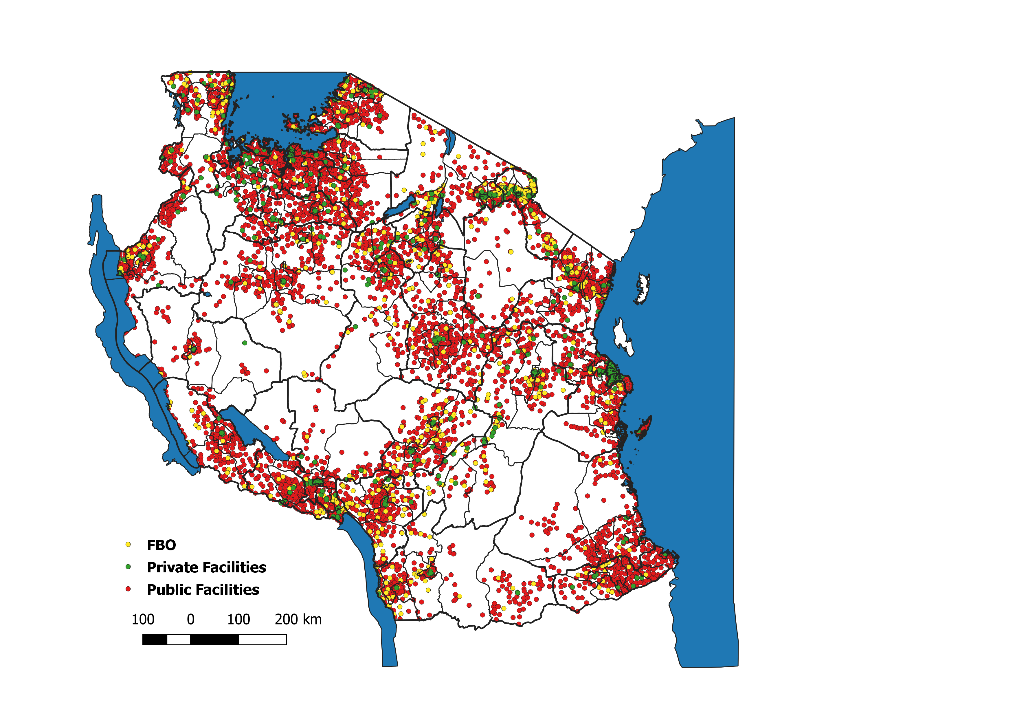


**Figure S1**: Administrative boundaries and distribution of urban and rural councils in mainland Tanzania. *Within the urban councils, town authorities were considered rural due to presence of high numbers of mixed and rural wards within the council thereby resulting in a total of 25 urban councils*



**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)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **# 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% |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **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%** | |

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