Malaria transmission in South Sudan is generally perennial, with moderate to high intensity. The annual reported number of malaria cases in 2019 was 4,024,743 and 4,873 deaths.
Malaria
Sustaining Essential Health Services During the COVID-19 Pandemic

The COVID-19 pandemic is putting an incredible strain on health systems across Africa. Health systems are required to maintain routine health services for other illnesses even as they handle the additional burden of COVID-19. In order to prevent widespread morbidity and mortality, it is of vital importance that we work to sustain the delivery of essential life-saving interventions during this difficult time including for Reproductive, Maternal, Newborn, Child and Adolescent health, Neglected Tropical Diseases and malaria.

For South Sudan, we commend the Ministry of Health, in the decision to go ahead with the universal coverage campaign for LLINs and IRS, in accordance with the recent guidance and recommendations from WHO and the RBM Partnership to End Malaria. This decision, allied with sustained malaria case management through the health system will prevent a significant increase in malaria cases and deaths. Under the worst-case scenario, in which all ITN campaigns are suspended and with a 75% reduction in access to effective antimalarial medicines, WHO estimate that there could be a 25.2% increase in malaria cases, and a 30.6% increase in malaria deaths in South Sudan. This scenario would represent a complete reversal in the substantial progress in malaria mortality reductions seen over the last 2 decades.

It is essential to ensure the continuity of malaria, RMNCAH and NTD services in 2021 as the COVID-19 pandemic continues to impact our continent. This may include the implementation of any necessary catch-up activities and ensuring timely planning to account for potential delays in procurement and delivery. Any intervention must ensure the safety of communities and health workers given the ease of transmission of COVID-19.

Progress
The country secured most of the resources to achieve universal coverage of RDTs and ACTs in 2021. The country has also distributed sufficient LLINs to achieve universal operational coverage of the targeted at risk population. South Sudan has recently completed the insecticide resistance monitoring and management plan.

Impact
The annual reported number of malaria cases in 2019 was 4,024,743 and 4,873 deaths.

Key Challenge
- Sustaining the delivery of essential life-saving interventions during the COVID-19 pandemic including for Reproductive, Maternal, Newborn, Adolescent and Child health, malaria and Neglected Tropical Diseases.
### Previous Key Recommended Actions

<table>
<thead>
<tr>
<th>Objective</th>
<th>Action Item</th>
<th>Suggested completion timeframe</th>
<th>Progress</th>
<th>Comments - key activities/accomplishments since last quarterly report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact</td>
<td>Ensure that malaria services including case management and vector control are sustained and implemented whilst using COVID-19 sensitive guidelines during the pandemic</td>
<td>Q4 2020</td>
<td></td>
<td>The country is still facing the challenges of the Covid-19 pandemic in terms of delayed delivery of malaria commodities and implementation of interventions as well as on key malaria services. The situation will continue as the country plans roll out of the COVID-19 vaccinations. The stock out of RDTs was addressed in December 2020. The country reported the distribution of LLINS in 8 states, although some delays are observed</td>
</tr>
<tr>
<td>Impact</td>
<td>Investigate and address the reasons for the increase in estimated malaria incidence and mortality between 2015 and 2019, which means that the country is not on track to achieve the 2020 target of a 40% reduction in malaria incidence</td>
<td>Q4 2021</td>
<td></td>
<td>A number of factors have contributed to the country not being on track to achieve the 2020 target of a 40% reduction in malaria incidence. These include: Low coverage of key malaria interventions such as for testing, treatment and vector control with the use of LLINs; there is also a lot of insecticide resistance and when this is combined with the use of substandard products including medicines in the private sector, contribute to low effectiveness of interventions. Flooding in various parts of the country coupled with the problem of inaccessibility also contributed to increased malaria cases. Plans to address these factors include: review of the national treatment guidelines; promote the Boma Health Initiative (use of CHWs); introduce new nets especially in areas of high malaria prevalence; introduce SMC in areas where this intervention is appropriate; and identify areas that would benefit from the use of IRS to reduce malaria transmission.</td>
</tr>
</tbody>
</table>

South Sudan has responded positively to the recommended action on insecticide resistance monitoring.

### RMNCAH and NTDs

Progress in addressing Neglected Tropical Diseases (NTDs) in South Sudan is measured using a composite index calculated from preventive chemotherapy coverage achieved for lymphatic filariasis, onchocerciasis, schistosomiasis, soil transmitted helminths and trachoma. Preventive chemotherapy coverage in South Sudan is 18% for onchocerciasis, 17% for lymphatic filariasis, 10% for trachoma, 11% for schistosomiasis and 60% for soil transmitted Helminths. Overall, the NTD preventive chemotherapy coverage index for South Sudan in 2019 is 18, which represents an increase compared with the 2018 index value (7).
## Previous Key Recommended Actions

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<tr>
<td>RMNCAH¹: Impact</td>
<td>Ensure that essential RMNCAH services are sustained and implemented whilst using Covid-19 sensitive guidelines during the pandemic. Address any stock-outs of essential RMNCAH commodities</td>
<td>Q4 2020</td>
<td>National guidelines to ensure continuity of RMNCAH services at health facilities and community level have been developed and disseminated. continued to strengthen Covid-19 interventions including triage and enhancing SBC. The country working with the partners have together reached over 6.8 million people through megaphones, mobile public announcement systems and house to house visits with messages. 42 radio stations are disseminating radio jingles, 5 weekly talk shows and interviews in 10 languages. 6,824 community mobilisers have been oriented on COVID-19 and mobile operators are disseminating COVID-19 messages through SMS. 4,023 health workers received orientation and training on COVID-19 surveillance. Strengthened surveillance and screening at points of entry have been prioritized 8,078 health workers trained on COVID-19 clinical detection and case management and Community health workers have been trained on continuity of community health services, IPC at community level and Community based psychosocial support.</td>
<td></td>
</tr>
<tr>
<td>NTDs</td>
<td>Work to increase preventive chemotherapy for lymphatic filariasis, onchocerciasis, schistosomiasis, soil transmitted helminths and trachoma and reach WHO targets. Ensure that NTD interventions including Mass Drug Administration, vector control and Morbidity Management and Disability Prevention are sustained and implemented whilst using Covid-19 sensitive guidelines during the pandemic. This includes prioritising key necessary catch up activities</td>
<td>Q4 2021</td>
<td>By respecting COVID-19 preventive measures, the country is currently concluding the 2020 catchup interventions for NTDs. These includes, MDA for Onchocerciasis and Lymphatic Filariasis (in 47 counties), Trachoma (5 counties) and Trachoma Surveys (baseline and impact) in 25 counties. The subnational teams are doing the data entry and the country will share the data with WHO and other stakeholders once these activities are completed.</td>
<td></td>
</tr>
</tbody>
</table>

¹ RMNCAH metrics, recommended actions and response tracked through WHO
South Sudan has responded positively to the recommended actions addressing low coverage of skilled birth attendants and DPT3, and the lack of data for postnatal care. The country continues to track progress as these actions are implemented. The country has recently increased coverage of DPT3.

Key

- Action achieved
- Some progress
- No progress
- Deliverable not yet due