

**Table 1: Budget Breakdown by Mechanism  
U.S. President's Malaria Initiative - Cameroon  
Planned Malaria Obligations for FY 2021**

<b>Mechanism</b>	<b>Activity</b>	<b>Budget</b>	<b>%</b>
PMI VectorLink	Support for vector surveillance and insecticide resistance monitoring.	\$1,280,000	6%
Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	Procurement of ITNs, SP, RDTs, ACTs, and severe malaria drugs and support for warehousing, distribution and pharmaceutical management.	\$9,379,500	43%
Breakthrough ACTION	SBC activities related to net use and care-seeking, and to generate demand for routine malaria services as well as SMC; SBC targeted to health workers providing case management and MIP services and support for formative research, monitoring, and evaluation to inform SBC interventions.	\$750,000	3%
TBD	Training and supervision for health service providers at the facility and community level to effectively deliver routine case management services. Support to implement SMC in the North and Far North regions.	\$6,530,000	30%
Promoting the Quality of Medicines Plus (PQM+)	Support to the National Laboratory (LANACOME) for accreditation and for improving the pharmaceutical registration process.	\$50,000	0%
Peace Corps	Support small project grants for which volunteers can submit applications. Potential support for at least one malaria volunteer to support volunteers' malaria activities throughout the country.	\$40,000	0%
PMI Measure Malaria	Support to the NMCP and district level in North and Far North regions in DHIS2 implementation, data quality monitoring, supportive supervision, and technical assistance for data use.	\$1,000,000	5%
MDIVE	Support development of the M-DIVE platform.	\$168,750	1%
Digital Square Project	Improve use of digital technologies.	\$168,750	1%
CDC IAA	FETP and technical assistance for entomological monitoring, case management, and M&E.	\$773,000	4%
USAID	In-country staffing and administration.	\$1,860,000	8%
<b>TOTAL</b>		<b>\$22,000,000</b>	<b>100%</b>

**Table 2: Budget Breakdown by Activity  
U.S. President's Malaria Initiative - Cameroon  
Planned Malaria Obligations for FY 2021**

Proposed Activity	Mechanism	Budget (in \$)	Geographic Reach of PMI Activity			Description of Proposed Activity
				If coverage is focused by region(s), name(s) of region(s)	If coverage is focused by district(s), name(s) of district(s)	
<b>VECTOR CONTROL</b>						
<b>Entomological Monitoring</b>						
Support Entomologic Monitoring	PMI VectorLink	\$1,200,000	Nationwide			Support for vector surveillance and insecticide resistance monitoring, including vector-insecticide susceptibility, resistance intensity, vector density, vector population taxonomic status (microscopic, molecular), and vector biting behavior in ten entomological sites throughout the country. Ento. monitoring visits will be monthly with annual insecticide resistance monitoring.
<b>Subtotal : \$1,200,000</b>						
<b>Insecticide-Treated Nets</b>						
Procure ITNs for Continuous Distribution Channels	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,087,000		Far North, North		Procurement of 307,104 PBO ITNs (or next generation nets depending upon resistance testing results) for routine distribution in ANC clinics to pregnant women in the North and Far North regions.
Distribute ITNs for Continuous Distribution Channels	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$352,000		Far North, North		Distribution costs associated with routine ANC distribution of PBO ITNs.
Other ITN Implementation	PMI VectorLink	\$80,000		Far North, North		Technical assistance for logistics and stock management specifically for routine ITN distribution. Activities will focus on results from an assessment of the continuous distribution system.
<b>Subtotal : \$1,519,000</b>						
<b>SBC for Vector Control</b>						
SBC Implementation for Vector Control	Breakthrough ACTION	\$200,000		Far North, North		Implementation of a coordinated SBC campaign targeted to the community to increase consistent net use and net care. Efforts to change individual behaviors for net use will rely more heavily on interpersonal communications and leverage existing platforms including CHWs, schools/teachers, and local religious and community leaders.
<b>Subtotal : \$200,000</b>						
<b>Total : \$2,919,000</b>						

**DRUG-BASED PREVENTION**

**Prevention of Malaria in Pregnancy**

Procure IPTp-Related Commodities	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$205,000		Far North, North	Procurement of approximately 854,323 treatments of SP for pregnant women to contribute to covering needs in North and Far North.
MIP Implementation	TBD	\$300,000		Far North, North	Training and supervision for ANC and other health service providers at public and non-profit health facilities in the North and Far North regions to effectively deliver IPTp and routine case management services for pregnant women. Greater emphasis will be placed on supervision over training since most districts will have received training the previous years. Activities will include refresher training for new staff, in-service training, and supportive supervision, and will be integrated with the case management training and supervision package. This training and supervision package will be incrementally expanded to increase coverage to additional districts in both the North and Far North.
MIP Implementation	TBD	\$100,000		Far North, North	Support for the community health worker (CHW) program in districts in the North and Far North regions to effectively deliver routine case management services to hard-to-reach populations. MIP activities will be integrated with the case management training and supervision package targeting CHWs. MIP activities will include encouraging early and frequent ANC attendance, use of ITNs, and IPTp. This training and supervision package will be incrementally expanded to increase coverage of the CHW program to additional districts in both the North and Far North.

**Subtotal : \$605,000**

**SMC**

Procure SMC-Related Commodities	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$2,790,500		Far North, North	Procurement of ~7.7 million treatments of SP+AQ, representing four monthly treatments for approximately 1.8 million children ages 3-59 months during the high transmission season of the North and Far North Regions.
SMC Implementation	TBD	\$5,000,000		Far North, North	Implementation of SMC in eligible health districts in the North and Far North regions covering four monthly doses from July-October using door-to-door distribution approach for the first dose. Costs include planning, training, implementation, supervision, monitoring, SBC, and advocacy.

**Subtotal : \$7,790,500**

**SBC**

SBC Implementation for Prevention	Breakthrough ACTION	\$100,000		Far North, North	Implementation of a coordinated SBC campaign targeted to community members and health workers to increase ANC attendance and ensure adherence to national MIP policies and high-quality service provision. At the community level, these efforts will be combined with training and supportive supervision activities of CHWs in addition to more focused interpersonal communications directed to women of reproductive age and other target audience members. One specific activity will include a "community champions" approach, or <i>marrainage</i> , to create a peer network and modeling approach to encourage ANC attendance and net use in pregnancy. In health facilities, these activities will focus on providing effective service communication and strategies to improve health worker adherence to national guidelines.
SBC Implementation for Prevention	Breakthrough ACTION	\$25,000		Far North, North	Technical assistance to develop SBC and communication strategies for SMC implementation with a focus on raising community awareness and acceptance of the campaign, as well as adherence to day 2 and day 3 treatment. This activity is focused on design and development of SBC for the SMC campaign, not on direct implementation, which will be covered by the partner implementing the SMC campaign. [For example, development of the social mobilization training materials.]

**Subtotal : \$125,000**

**Total : \$8,520,500**

**CASE MANAGEMENT**

**Procure Case Management-Related Commodities**

Procure RDTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$625,000		Far North, North	Procurement of 1,157,071 RDTs to meet the needs in the North and Far North. Approximately 20% of the total fever cases will be tested in the community requiring single-pack RDTs. The increase in RDTs is therefore needed to support both facility and community level testing.
Procure ACTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$715,000		Far North, North	Procurement of 1,033,419 ACTs to meet the need in the North and Far North.
Procure Drugs for Severe Malaria	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,545,000		Far North, North	Procurement of 1,091,506 vials of injectable artesunate to meet the need for severe malaria treatments in the North and Far North in both children and adults. Pipeline will be applied to cover the full cost of this procurement (\$2,412,250).

**Subtotal : \$2,885,000**

**Case Management Implementation**

Facility-based case management	TBD	\$500,000		Far North, North	Training and supervision for service providers at public and non-profit health facilities in districts in the North and Far North regions to effectively deliver malaria case management services. Greater emphasis will be placed on supervision over training since most districts will have received training the previous years. Activities will include refresher training for new staff, in-service training, and supportive supervision, and will be integrated with the MIP training and supervision package. This training and supervision package will be incrementally expanded to increase coverage to additional districts in both the North and Far North.
Community-based case management	TBD	\$500,000			Support for supervision and expansion of training of CHW program in districts in the North and Far North regions to effectively deliver routine case management services to hard-to-reach populations. Activities will be integrated with the MIP training and supervision package targeting CHWs. MIP activities will include encouraging early and frequent ANC attendance, use of ITNs and IPTp. This training and supervision package will be incrementally expanded to increase coverage of the CHW program to additional districts in both the North and Far North.
Support Therapeutic Efficacy Study	TBD	\$0	Nationwide		Due to prolonged timeline of TES funded in previous years, no additional funds are needed in FY2021 to fund TES. TES implementation will continue in Cameroon's 4 surveillance regions (each with 4-6 sentinel sites). Costs associated with conducting molecular analysis on TES results in country are included in previous years' funding.
Other Case Management Implementation	TBD	\$50,000		Far North, North	Strengthen malaria diagnostics through regular supervision, including implementation of a comprehensive quality assurance/quality control plan for malaria diagnostics including RDTs and microscopy. These activities will be carried out in public and non-profit health facilities in the North and Far North regions. Supervision will support training already implemented and will focus on parasite detection, species identification, parasite counting, and use of RDTs. Training will be reinforced through the implementation of supportive outreach and supervision by laboratory supervision teams using malaria slide proficiency testing panels.
National-level support for case management	TBD	\$40,000	Central		Support for NMCP supportive supervision activities (from central level and regional level) including field visit logistics and communication support. Included annual refresher training for central level supervisors.

**Subtotal : \$1,090,000**

**SBC**

SBC Implementation for Case Management	Breakthrough ACTION	\$400,000		Far North, North	Implementation of a coordinated SBC campaign targeted to community members and health workers to increase care-seeking for fever and ensure adherence to national case management policies and high-quality service provision. Awareness-raising will primarily be accomplished through local media or one-way communication channels (e.g., radio, billboards, signage in facilities). At the community level, these efforts will be combined with training and supportive supervision activities of CHWs in addition to more focused interpersonal communications directed to household care-takers. Interpersonal communication activities will leverage existing platforms including CHWs, schools/teachers, and local religious and community leaders. For activities directed to health workers, provider behavior change strategies will be closely coordinated with training and supervision activities implemented by the service delivery partner to ensure a synergistic approach to behavior change activities.
Other Health Systems Strengthening Implementation	Breakthrough ACTION	\$25,000	Central		Support to the NMCP for national-level coordination of SBC technical partners through routine meetings of the national SBC technical working group, the regional SBC technical working groups, and NMCP participation in regional and global workshops to build SBC capacity.

**Subtotal : \$425,000**

**Total : \$4,400,000**

**SUPPLY CHAIN**

**In-Country Supply Chain**

Warehousing and Distribution	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$400,000		Far North, North	Support to manage distribution of commodities in the North and Far North regions from the port of entry to the regional warehouses. The distribution will include SP, RDTs, ACTs, and severe malaria treatments.
Pharmaceutical Management Systems Strengthening	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,600,000		Far North, North	Strengthening of the supply chain management system with a focus on improving warehousing as well as logistics data availability, accuracy, and use in the North and Far North regions. Central level activities will include strengthening LMIS, annual quantification, quarterly supply plan, and other supply chain strengthening activities.
Ensuring drug and other health product quality	Promoting the Quality of Medicines Plus (PQM+)	\$50,000	Central		Support to the National Laboratory (LANACOME) for accreditation and for improving the pharmaceutical registration process.
Pharmaceutical Management Systems Strengthening	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$60,000		Far North, North	Implement a semi-annual EUV survey at the regional level in the North and Far North to monitor the availability of key malaria control commodities at health facilities and regional warehouses on a national scale.

**Subtotal : \$2,110,000**

**Total : \$2,110,000**

**MONITORING, EVALUATION & RESEARCH**

**Surveillance, Monitoring, and Evaluation**

Support Routine Surveillance	PMI Measure Malaria	\$900,000		Far North, North	Support to the district level in the North and Far North regions to ensure high-quality data to monitor routine malaria service provision and epidemiological impact of the comprehensive package of interventions. To include routine DQA activities, organization of regular data review meetings and central, regional, or district level training activities as needed. Provide central level support to CIS for integration/editing of key malaria data elements in the HMIS.
Support to FETP	PMI Measure Malaria	\$100,000		Far North, North	Support for FETP malaria-specific Frontline training program. This will include support for 2 cohorts of trainees, one each in the North and Far North. Training will be targeted to Chiefs of Health Areas and malaria surveillance focal points in the districts.
Support to FETP	CDC IAA	\$60,000	Central		Support for two FETP residents' participation in the advanced training program to be engaged in malaria-specific projects.
Other SM&E	M-DIVE	\$168,750	Central		Support development of the M-DIVE platform.
Other SM&E	Digital Square Project	\$168,750	Central		Improve use of digital technologies.

**Subtotal : \$1,397,500**

**Total : \$1,397,500**

**OTHER HEALTH SYSTEMS STRENGTHENING**

Support to Peace Corps	Peace Corps	\$40,000	Central		Support small project grants for which volunteers can submit applications. Potential support for at least one malaria volunteer to support volunteers' malaria activities throughout the country. The malaria volunteer may be embedded with a PMI implementing partner.
Other Health Systems Strengthening Implementation	TBD	\$40,000	Central		Support to the NMCP to assist them in their role of coordinating technical and implementation partners, as well as opportunities to build capacity via conference and workshop attendance (national or international) to improve program management. Office management support is included.

**Subtotal : \$80,000**

**Total : \$80,000**

**STAFFING & ADMINISTRATION**

Vector Control-Related CDC TDY	CDC IAA	\$29,000	Central			Funding for two technical assistance visits from CDC to help develop entomological capacity at the national and regional levels with emphasis on synergist/resistance intensity testing and coordination of entomological monitoring efforts with partners, including representative resistance and vector bionomics sampling.
Case Management-Related CDC TDY	CDC IAA	\$10,000	Central			One technical assistance visit from CDC to support diagnostics and case management strengthening activities.
SM&E-Related CDC TDY	CDC IAA	\$10,000	Central			One technical assistance visit from CDC to support surveillance, monitoring, and evaluation activities.
USAID In-Country Staffing and Administration: Staffing	USAID	\$1,420,000	Central			Staffing costs including 1 PMI/USAID RA, 1 PMI/USAID malaria specialist (FSN), 1 PMI data specialist (FSN), 50% of USAID Supply Chain Advisor (50% PMI and 50% PEPFAR), and support costs for the PMI/CDC RA.
USAID In-Country Staffing and Administration: Administration	USAID	\$440,000	Central			Administrative and oversight costs.
CDC In-Country Staffing and Administration	CDC IAA	\$664,000	Central			Staffing and administration for one PMI/CDC Resident Advisor.
<b>Subtotal : \$2,573,000</b>						
<b>Total : \$2,573,000</b>						
<b>GRAND TOTAL:</b>		<b>\$</b>	<b>22,000,000</b>			