

Table 2
President's Malaria Initiative - Cameroon
FY2017 (Updated June 15, 2018)

Proposed Activity	Mechanism	Budget		Geographic Area	Description
		Total \$	Commodity \$		
PREVENTIVE ACTIVITIES					
VECTOR MONITORING AND CONTROL					
Entomologic monitoring and insecticide resistance management					
Entomologic monitoring and insecticide resistance management	PMI VectorLink Project	450,000	0	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.
Training for entomologists	PMI VectorLink Project	50,000	0	Nationwide	Training of up to five Cameroonian entomologists, including from the NMCP, at the Centre de Recherche Entomologique de Cotonou (CREC).
Technical assistance for entomological support (2 visits)	CDC IAA	25,000	0	Nationwide	Two technical assistance visits from CDC to help develop entomological capacity at the national and regional levels.
Subtotal Entomology		525,000	0		
Insecticide-treated Nets					
Procurement of routine ITNs for ANC	GHSC - PSM	868,000	868,000	North & Far North	Procurement of approximately 255,749 ITNs for routine distribution in ANC clinics to pregnant women in the North and Far North Regions.

Procurement of ITNs to contribute to the 2019 mass distribution campaign	GHSC - PSM	250,000	250,000	National	Procurement of approximately 75,301 ITNs to help meet the need for the planned 2019 national distribution campaign
Distribution of routine ITNs for ANC	GHSC - PSM	640,000	0	North & Far North	Distribution costs associated with routine ANC distribution.
TA for routine ITN distribution	VectorLink	350,000	0	North & Far North	Technical assistance and training to the NMCP and implementing partners to ensure routine ITN distribution is strategically planned and executed.
Subtotal ITNs		2,108,000	1,118,000		
Indoor Residual Spraying					
IRS in North and Far North regions	PMI VectorLink Project	0	0	North & Far North	Activities to prepare for selection of spray districts based on epidemiological and entomological data will be considered for Year 2, with anticipated implementation of spraying in Year 3.
Subtotal IRS		0	0		
SUBTOTAL VECTOR MONITORING AND CONTROL		2,633,000	1,118,000		
Malaria in Pregnancy					
Procurement of SP	GHSC - PSM	127,000	127,000	North & Far North	Procurement of approximately 846,000 treatments of SP for pregnant women to contribute to covering needs in North and Far North.
Training and supervision for MIP services provided at health facilities	Advancing Progress in Malaria Service Delivery (APMSD)	Costs included under Case Management	0	North & Far North	Training and supervision for ANC providers at public and non-profit health facilities in the North and Far North regions to effectively deliver IPTp and ITNs as part of routine ANC services. Activities will include on-the-job training, in-service training, and supportive supervision; they will be part of an integrated training and supervision package.

SBCC targeted to health workers providing MIP services	Breakthrough Action	Costs included under SBCC	0	North & Far North	Implementation of SBCC activities targeted to ANC providers to address barriers to routine MIP service provision. This will be combined with training and supervision activities for both MIP services and case management.
Subtotal Malaria in Pregnancy		127,000	127,000		
SUBTOTAL PREVENTIVE		2,760,000	1,245,000		
CASE MANAGEMENT					
Diagnosis and Treatment					
Procurement of RDTs	GHSC - PSM	700,000	700,000	North & Far North	Procurement of approximately 1.35 million RDTs to meet the needs in the North and Far North.
Procurement of ACTs	GHSC - PSM	600,000	600,000	North & Far North	Procurement of approximately 635,000 ACTs to meet the need in the North and Far North.
Procurement of injectable artesunate for treatment of severe malaria	GHSC - PSM	800,000	800,000	North & Far North	Procure approximately 316,000 vials of injectable artesunate to meet the need for severe malaria treatments in the North and Far North (in both children less than 5 and in 5+).
Procurement of medications for SMC	GHSC - PSM	3,800,000	3,800,000	North & Far North	Procurement of ~7.5 million doses of AQ+SP, representing four monthly doses for approximately 1.7 million children ages 3-59 months during the high transmission season of the North and Far North Regions. Upon review of eligible districts and outcomes of the first year of SMC (2016), this number will be further refined and adjusted as appropriate.

Implementation of SMC	Catholic Relief Services (CRS)	3,450,000	0	North & Far 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, SBCC, and advocacy.
Strengthen malaria diagnostics	Advancing Progress in Malaria Service Delivery (APMSD)	50,000	0	North & Far North	Support to work with the NMCP to strengthen malaria diagnostics through training and supervision, including 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.
Training and supervision for case management and MIP services provided at health facilities	Advancing Progress in Malaria Service Delivery (APMSD)	700,000	0	North & Far North	Training and supervision for health service providers at public and non-profit health facilities in the North and Far North regions to effectively deliver routine case management services. Activities will include on-the-job training, in-service training, and supportive supervision; they will be part of an integrated training and supervision package.
Training and supervision for case management services provided by community health workers	Advancing Progress in Malaria Service Delivery (APMSD)	450,000	0	North & Far North	Support for the community health worker program in 12 of 45 districts in the North and Far North regions to effectively deliver routine case management services to hard-to-reach populations. Activities will be part of an integrated training and supervision package targeting 1415 Community Health Workers.
Support for supportive supervision activities	Advancing Progress in Malaria Service Delivery (APMSD)	50,000	0	North & Far North	Support for NMCP supportive supervision activities (from central level and regional level) including field visit logistics and communication support.

Development of guidelines and data collection tools	Advancing Progress in Malaria Service Delivery (APMSD)	125,000	0	Nationwide	Support for development, production and dissemination of case management guidelines and data collection tools (registers).
Technical assistance for case management (1 visit)	CDC IAA	10,000	0	Nationwide	One technical assistance visit from CDC to support diagnostics and case management strengthening activities.
Subtotal Diagnosis and Treatment		10,735,000	5,900,000		
Pharmaceutical Management					
Supply chain strengthening	GHSC - PSM	2,150,000	0	North, Far North, Littoral, Center, Southwest, Northwest	Strengthening of the pharmaceutical management system in the North and Far North regions, as well as the four PEPFAR-supported regions in order to leverage existing resources. Specific activities will include support for six regional pharmaceutical advisors, training of warehouse staff, upgrades to the LMIS as needed, and supportive supervision.
Distribution and management of commodities (SP, RDTs, ACTs, severe malaria treatments)	GHSC - PSM	500,000	0	North, Far North, Littoral, Center, Southwest, Northwest	Support to manage distribution of commodities in six regions from the port of entry to the regional warehouses. The distribution channel will be based on the existing PEPFAR model and will include SP, RDTs, ACTs, and severe malaria treatments.
Subtotal Pharmaceutical Management		2,650,000	0		
SUBTOTAL CASE MANAGEMENT		13,385,000	5,900,000		
HEALTH SYSTEM STRENGTHENING / CAPACITY BUILDING					

FETP	CDC IAA	150,000	0	Nationwide	Support for FETP residents participating in the Advanced training programs to be engaged in malaria-specific projects.
Peace Corps	Peace Corps IAA	40,000	0	Nationwide	Support for three Malaria Volunteers: one based in Yaounde and two others in regional hubs to coordinate and support volunteers' malaria activities throughout the country; one-two volunteers may be embedded with a PMI implementing partner at national or regional levels. Support small project grants for which volunteers can submit applications.
Training and management support for NMCP staff	Advancing Progress in Malaria Service Delivery (APMSD)	100,000	0	Nationwide	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 HSS & CAPACITY BUILDING		290,000	0		
SOCIAL AND BEHAVIOR CHANGE COMMUNICATION					
SBCC for net use, care-seeking, and to generate demand for routine malaria services	Breakthrough Action	300,000	0	North & Far North	Implementation of a coordinated SBCC campaign targeted to the community to raise awareness of and demand for routine malaria services provided in health facilities and at the community-level. Awareness-raising will primarily be accomplished through local media, or one-way communication channels (e.g., radio, billboards, signage in facilities). Efforts to change individual behaviors for net use and care-seeking will rely more heavily on interpersonal communications.

SBCC targeted to health workers providing case management and MIP services	Breakthrough Action	300,000	0	North & Far North	Implementation of a coordinated SBCC campaign targeted to health workers ensure adherence to national case management and MIP policies and high-quality service provision. These efforts will be combined with training and supportive supervision activities.
Support formative research, monitoring, and evaluation to inform SBCC interventions.	Breakthrough Action	150,000	0	North & Far North	Support for data collection to identify behavioral barriers to intervention uptake by both community members and service providers, to design interventions, and to evaluate efforts to change behaviors as a result of SBCC interventions.
SUBTOTAL SBCC		750,000	0		
SURVEILLANCE, MONITORING, AND EVALUATION					
Support for DHS 2017/2018	The Demographic and Health Surveys Program (DHS-7)	100,000	0	Nationwide	Support for the next DHS, including malaria parasitemia biomarker collection. The pretest is scheduled for October 2017. The PMI contribution will be combined with other partner contributions.
Routine health information system strengthening	MEASURE Evaluation	150,000	0	Nationwide	Support to the NMCP to develop a strategy to transition the parallel malaria reporting system to the DHIS2 platform, including data quality monitoring, supportive supervision, and technical assistance for data use.
Targeted surveillance strengthening in northern districts	MEASURE Evaluation	850,000	0	North & Far 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. Data will also be used for feasibility assessment of IRS.

Health facility assessment	Advancing Progress in Malaria Service Delivery (APMSD)	200,000	0	North & Far North	Implement a health facility survey in public and non-profit facilities in the North and Far North regions to assess provision of routine malaria services, including health facility readiness, training/supervision, and health worker performance. Data will be used to inform health facility-based training, supervision, and SBCC interventions, and can also be used as a baseline for a later data point. If possible, PMI will collaborate with other partners to make this a national-level survey.
EUV	GHSC - PSM	150,000		Nationwide	Implement a semi-annual EUV survey at the national level to monitor the availability of key malaria control commodities at health facilities and regional warehouses on a national scale.
TA for SM&E	CDC IAA	10,000	0	Nationwide	One technical assistance visit from CDC to support surveillance, monitoring, and evaluation activities.
SUBTOTAL SM&E		1,460,000	0		
OPERATIONAL RESEARCH					
SUBTOTAL OR		0	0		
IN-COUNTRY STAFFING AND ADMINISTRATION					
CDC	CDC IAA	505,000	0		Support for one USAID PMI Advisor, one USAID locally-engaged senior malaria specialist, support for temporary staff for program start up (until permanent staff are in place), one CDC PMI Advisor, and all other related local costs to sitting in the USAID Mission.
USAID	USAID	850,000	0		
SUBTOTAL IN-COUNTRY STAFFING		1,355,000	0		
GRAND TOTAL		20,000,000	7,145,000		