

Table 1: Budget Breakdown by Mechanism
U.S. President's Malaria Initiative - BENIN
Planned Malaria Obligations for FY 2019
Revised February 18, 2020

Mechanism	Activity	Budget	%
Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	Procurement of malaria commodities	\$4,889,000	29%
VectorLink	2020 IRS campaign	\$4,190,000	25%
USAID	Malaria and cross-cutting staff costs	\$1,640,000	10%
Integrated Health Services Activity	Malaria components of integrated health project in 4 depts	\$1,830,000	11%
Benin NMCP FARA	RMIS, enhanced surveillance, communications	\$1,175,000	7%
Global Health Supply Chain (GHSC)-TA Francophone	Supply chain technical assistance	\$1,100,000	6%
CDC IAA	PMI/CDC RA plus TA for entomology, IRS and malaria diagnostics	\$606,000	4%
Community PIHI	Transition of C-PIHI from 10 HZs to support in 4 Depts	\$550,000	3%
Private Sector Health Partnership Activity	Enhance the management of malaria cases by private healthcare providers	\$450,000	3%
Centre de Recherche Entomologique de Cotonou (CREC)	Vector control research and monitoring	\$0	0%
PQM+	Monitoring of malaria commodities and services and training of journalists	\$100,000	1%
Peace Corps	Community-based malaria activities supported by Peace Corps Volunteers	\$30,000	0%
ECOS	Independent environmental monitoring compliance for IRS	\$35,000	0%
TBD	Support the implementation of connective diagnostics	\$142,500	1%
Civis Analytics	Support advancing analytic capabilities	\$142,500	1%
Breakthrough ACTION	Support a Malaria Behavior Survey	\$120,000	1%
Benin NMCP Special Account	Monitoring and capacity building for malaria diagnosis	\$0	0%
Total		\$17,000,000	

Table 2: Budget Breakdown by Activity
U.S. President's Malaria Initiative - BENIN
Planned Malaria Obligations for FY 2019
Revised February 18, 2020

Proposed Activity	Mechanism	Budget (in \$)	Geographic Reach of PMI Activity		Description of Proposed Activity	
			If coverage is focused by department, name(s) of department(s)	If coverage is focused by commune, name(s) of commune(s)		
INSECTICIDE-BASED PREVENTION						
Entomologic Monitoring and Insecticide Resistance Management						
Entomologic-Related CDC TDY	Centre de Recherche Entomologique de Cotonou (CREC)	\$0			Copargo, Djougou, Gogounou, Kandi, Natitingou, Ouake, Segbana	Support for basic entomological monitoring in old and new IRS sites as well as support to conduct a socio-behavioral study on outdoor sleeping patterns in Northern Benin for IRS decision making. Support a study on the quantification of malaria vector resistance to insecticide in Benin and the dissemination of CREC research results. Funds from FY 2017 pipeline (\$220K)
Entomologic-Related CDC TDY	CDC IAA	\$15,000	Central			Funding for one technical assistance visit from CDC to support entomological surveillance [IRS1]
Subtotal : \$15,000						
Insecticide-Treated Nets						
Procure ITNs for Continuous Distribution Channels	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,837,500	Nationwide			Procure approximately 750,000 ITNs (at \$2.45) for distribution at ANC and EPI clinics.
Procure ITNs for Mass Campaigns	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$0	Nationwide			Procure approximately 2.8 million ITNs to cover gap for the 2020 mass campaign (461,313 with FY 2015 funds, 1,130,960 with FY2016 funds, 750,000 with FY 2017 funds, 450,000 from commodity pipeline) [ITN1]
Distribute ITNs for Continuous Distribution Channels	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,200,000	Nationwide			Distribute 750,000 ITNs from port to health facilities (\$1.60 per net)
Distribute ITNs for Mass Campaigns	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$0	Nationwide			Global Fund will cover costs associated with distribution of all 7.4 million nets for distribution campaign
Support ITN Durability Monitoring	Centre de Recherche Entomologique de Cotonou (CREC)	\$0	Nationwide			Year one support for prospective ITN monitoring to follow ITNs distributed during the 2020 universal coverage campaign, which will provide data on: 1) net survivorship and physical integrity; 2) bio-efficacy of insecticides; and 3) insecticidal content. Funded by FY2017 pipeline (\$100,000)
Subtotal : \$3,037,500						

Indoor Residual Spraying						
IRS Implementation	VectorLink	\$4,190,000			Copargo, Djougou, Gogounou, Kandi, Kerou, Ouake, Pehunco, Segbana	Continue support for spray operations in eight communes where IRS is currently being performed, covering approximately 400,000 structures. Budget includes support for planning, procurement of insecticides, payment of spray operators, environmental management, community mobilization, monitoring, etc.
IRS Implementation	Benin NMCP FARA				Gogounou, Kandi, Segbana	Funding level to be determined after and contingent upon the capacity assessment of the 2018 operations in consultation with the VMCT to determine which roles may be turned over to the government. If approved, the final amount allocated to this activity will be deducted from the IRS implementation budget above through a reprogramming memo. [IRS2]
Support Independent Environmental Monitoring	ECOS	\$35,000		Alibori, Atacora, Donga		Support for an independent environmental monitoring compliance visit to ensure that the IRS program is being implemented in accordance with best environmental practices. Last review done in 2018.
IRS-Related CDC TDY	CDC IAA	\$15,000	Central			Funding for one technical assistance visit from CDC to support IRS. [IRS1]
Subtotal : \$4,240,000						
Total : \$7,292,500						
MALARIA IN PREGNANCY						
Procure IPTp-Related Commodities	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$0	Nationwide			Approximately 1.4 million SP doses to ensure an adequate supply for pregnant women to receive three doses throughout their pregnancy. Using 2018 900,000 dose surplus and 500,000 doses covered by GOB. [MIP4]
Other MIP Implementation	Benin NMCP FARA	\$220,000			To Be Determined	Support community outreach of ANC with malaria in pregnancy interventions (SP, ITNs) to communities in areas with low IPTp coverage.
Other MIP Implementation	Integrated Health Services Activity	\$250,000		Alibori, Atacora, Oueme, Plateau		Support on-site supervision of MIP services. Provide refresher training for public health facility midwives and nurses to correctly deliver SP and broader MIP services in the context of the focused antenatal care approach. Refresher training will be provided as part of overall refresher training for service providers in health centers and health posts.
Total : \$470,000						

DRUG-BASED PREVENTION						
Seasonal Malaria Chemoprevention						
Procure SMC-Related Commodities	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$190,000		Alibori, Atacora	Karimama, Kobli, Malanville, Materi, Tanguieta	The 2019 SMC campaign will benefit approximately 121,000 children 3-59 months of age residing in the communes of Malanville, Karimama, Tanguieta, Cobly, and Materi (the two health zones of TCM and MK). Because SMC commodities need to be ordered 12 months in advance of the campaign, commodities for SMC campaigns in 2019 and 2020 (125,000 children) will be procured using pipeline. This line item will therefore support procurement of SMC commodities for the 2021 campaign, which is expected to benefit 125,000 children.
Other SMC Implementation	Integrated Health Services Activity	\$130,000		Alibori, Atacora	Karimama, Kobli, Malanville, Materi, Tanguieta	Implement SMC in five communes (two health zones) from June to September 2020. Budget projected to cover planning, training, implementation, supervision (excluding 2nd and 3rd observed doses), monitoring, SBCC, etc. Additional funds (\$440,000) were planned under MOP 2018 to cover approximately 125,000 children).
Total : \$320,000						
CASE MANAGEMENT						
Procure RDTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$0	Nationwide			Procure approximately 2 million single-species RDTs (\$0.51 each) for use in communities and health facilities covered under FY2016 old pipeline [\$1,020,000]
Procure ACTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,177,500	Nationwide			Procure approximately 2 million treatments of AL for use in communities and public and private health facilities. At \$0.82 per treatment, total for 2,000,000 doses is \$1,640,000. FY2019 funds will be used to purchase 1,436,586 treatments for \$1,177,500. The remaining 563,414 treatments will be procured using \$462,000 from pipeline.
Procure Drugs for Severe Malaria	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$484,000	Nationwide			Procure approximately 200,000 vials of inj. Artesunate for treatment of severe malaria to contribute to FY 2020 gap
Support Therapeutic Efficacy Study	Benin NMCP FARA	\$170,000				Support for the 2020 Therapeutic Efficacy monitoring of country's first-line ACT (AL) in two sites (TBD); k13 monitoring is included. [CM3] [CM4] [CM6]

Other Case Management Implementation	TBD	\$142,500	Nationwide			Support the implementation of connective diagnostics
Other Case Management Implementation	Integrated Health Services Activity	\$550,000		Alibori, Atacora, Oueme, Plateau		Provide support to departments and health zones for on-site supervision of health workers, including baseline assessments and coaching that includes supervision of clinical, diagnostic and logistical activities.
Other Case Management Implementation	Private Sector Health Partnership Activity	\$300,000	Nationwide			Supportive supervision of case management (inclusive of diagnosis by RDT, treatment, and malaria in pregnancy) practices at all registered private hospitals and health centers using comprehensive malaria-specific supervision tool. Department and Health Zone Health Team staff will be actively involved in supervision activities. Supervision visits will include observation of patient consultations and feedback to providers as well as review of clinical record reporting.
Other Case Management Implementation	Community PIHI	\$350,000		Alibori, Atacora, Oueme, Plateau		FY 2019 funds will be used to support CHW operational costs in the 4 Integrated Health Project (IHP) focus departments (Alibori [3 HZs]; Atacora [3HZs]; Plateau [3HZs] and Oueme [4 HZs]) for an estimated 3,000 CHWs in the four departments under IHP (25% of all CHWs nationwide). These costs include training/refresher training, group and on-site supervision, point of distribution supply chain strengthening, and scale-up of mHealth for case management and reporting. [CM8]
Other Case Management Implementation	Benin NMCP Special Account	\$0	Nationwide			Support supervision and monitoring of malaria diagnostics, maintenance of microscopes, training, and quality control of slides/RDTs at the health facility and community levels. [Funded through special account]
Other Case Management Implementation	Benin NMCP FARA	\$70,000	Central			Continue to support the establishment of a quality assurance system for microscopy including the ISO certification of 2 staff of the NMCP to increase the number to 4.
Other Case Management Implementation	Integrated Health Services Activity	\$100,000		Alibori, Atacora, Oueme, Plateau		Support update of integrated supervision guidelines aligned with most recent malaria case management guidelines. Strengthen supportive supervision and quality improvement approaches at the commune and health district levels. Audit malaria service delivery to universal health insurance care holders in targeted departments.
Case Management-Related CDC TDY	CDC IAA	\$20,000	Central			Two TDY to support NMCP with malaria diagnostics activities.
Total : \$3,364,000						

CROSS-CUTTING AND OTHER HEALTH SYSTEMS STRENGTHENING						
Pharmaceutical Management						
Warehousing and Distribution	Global Health Supply Chain (GHSC)-TA Francophone	\$400,000	Nationwide			Donor commodities not stored at CAME have to increase funding to pay for warehousing. Continued support for management, oversight, and physical distribution of PMI-procured ACTs, RDTs, SP, and drugs for severe malaria. PMI support will leverage broader, cross-element USAID investments in warehousing and distribution in Benin .
Pharmaceutical management systems strengthening	Global Health Supply Chain (GHSC)-TA Francophone	\$650,000	Nationwide			Support the national action plan for the strengthening of the supply chain system, regional offices and depots for CAME and logistics information system including inventories and 100% surveillance in 12 low performance health zones.
Pharmaceutical Management Systems Strengthening	Global Health Supply Chain (GHSC)-TA Francophone	\$50,000		To Be Determined		Support EUV implementation in 2 departments. [CM7]
Pharmaceutical Management Systems Strengthening	Private Sector Health Partnership Activity	\$150,000	Nationwide			Support the pharmaceutical management in private sector.
Subtotal : \$1,250,000						
Social and Behavior Change Communication						
SBCC Implementation	Benin NMCP FARA	\$200,000	Nationwide			Add schools clubs and women's groups and others at community level. Support the organization of the national malaria day campaign and support NMCP's advocacy and SBCC activities with religious and administrative leaders at institutional and community levels to encourage community buy-in, use local funds, and facilitate local leadership of activities in the fight against malaria.
SBCC Implementation	Integrated Health Services Activity	\$400,000		Alibori, Atacora, Oueme, Plateau		In collaboration with the MOH, the Global Fund, UNICEF and other partners, the bilateral will promote strategies outlined in the new national integrated malaria communication plan for social and behavior change, 2017-2021, which focuses on utilization of ITNs, sleeping in insecticide sprayed rooms, environmental measures, protecting pregnant women during pregnancy with IPTp and ITNs, prompt care-seeking for malaria confirmatory testing and treatment, and correct management of malaria by health workers. Specific approaches and messaging are based on existing formative research findings and qualitative investigations with target populations, planned around a dual analysis of behaviors (knowledge, attitudes and practices) and environmental factors (availability and access to services). In addition, the project will use the results of the study on outdoor sleeping and other nighttime activities in the north to develop specific messages and localized SBCC activities for the region. [SBCC3]
SBCC Implementation	Community PIHI	\$200,000			Abomey-Calavi, Allada,	Note that these activities will end in mid 2020 and from that time, all SBCC
Subtotal : \$800,000						

Surveillance, Monitoring, and Evaluation						
Support Routine Surveillance	Benin NMCP FARA	\$115,000	Nationwide			With existing pipeline, this budget will be increased to expand decentralisation of data validation workshops at the HZ level and biannual audits of malaria death data. Provide continued support at district and national levels for implementation of the HMIS, including data review and analysis, through the continuation of quarterly review meetings, production and dissemination of malaria bulletins, and routine data quality monitoring performed by the district health offices. PMI support for this activity is part of a broader HMIS strengthening effort supported by USAID, Global Fund, etc.
Surveillance, Monitoring & Evaluation	Civis Analytics	\$142,500	Nationwide			Support advancing analytic capabilities including the roll out of the Malaria Data Integration and Visualization for Elimination (MDIVE) platform, training in-country staff, supporting user cases, etc.
Support Routine Surveillance	Integrated Health Services Activity	\$200,000		Alibori, Atacora, Oueme, Plateau		Technical assistance to the MOH to strengthen HMIS, including strengthening data collection, making data validation more efficient, decentralizing data supervision responsibilities, improving data quality and timeliness of dissemination. [SMF2]
Other SM&E Implementation	Benin NMCP FARA	\$200,000		Alibori, Atacora, Donga		Strengthen epidemiological data in 40 selected health facilities to monitor the epidemiological effects of 1) withdrawing IRS; 2) introduction of NGenIRS; 3) continuation of Pirimiphos-methyl CS IRS. This activity will support additional supervision and monitoring of routine data recorded in the targeted areas to ensure data are routinely validated at the 40 health facilities on a monthly basis.
Support a malaria Health Facility Survey	Integrated Health Services Activity	\$200,000	Nationwide			Support a malaria-specific health facility survey. The malaria survey will involve a malaria-specific health facility survey in a nationally-representative sample of health facilities to evaluate malaria case management practices, including IPTp among pregnant women, and assess health worker performance and attitudes.
Support a Malaria Behavior Survey	Breakthrough ACTION	\$120,000	Nationwide			Additional funds to support a Malaria Behavioral Survey (MBS) planned under MOP 2020 to measure malaria-related behaviors and their ideational determinants. The survey will assess household malaria-related behaviors and determinants.
Subtotal : \$977,500						
Operational Research						
OR Implementation		\$0				No OR proposed.
Subtotal : \$0						

Other Health Systems Strengthening						
Support to Peace Corps	Peace Corps	\$30,000	Central			Continued support to maintain two Peace Corps Malaria Volunteers to coordinate and support volunteers' malaria activities throughout the country; one volunteer may be embedded with a PMI implementing partner at national or regional level (\$20,000). Support small project grants (\$10,000) for which volunteers can submit applications.
Other Health Systems Strengthening Implementation	PQM+	\$100,000	Nationwide			Provide support to the national laboratory for medicine quality control to perform routine testing of malaria commodities at the port and spot checks in public and private health facilities. Support the cost of reagents and equipment for drug quality testing. Support the newly formed pharmaceutical regulatory agency to perform its functions of ensuring the quality pharmaceutical products and monitoring of illegal malaria commodities in markets and formal health services.
Other Health Systems Strengthening Implementation	Benin NMCP FARA	\$100,000	Nationwide			Support the improvement of the regulatory environment to enable the provision of affordable and quality antimalarial services and the provision of products by the private sector.
Other Health Systems Strengthening Implementation	Benin NMCP FARA	\$100,000	Central			Provide short/medium term technical assistance to strengthen management capacity of the NMCP, and the President's Commission on HIV/AIDS, TB, Malaria, Hepatitis, STIs, and Epidemics (CNLSTP) in line with the USG's risk mitigation plan for direct country system funding.

Subtotal : \$330,000

Total : \$3,357,500

STAFFING AND ADMINISTRATION

USAID In-Country Staffing and Administration: Staffing	USAID	\$1,320,000				Support for one USAID PMI Advisor and one USAID locally-engaged senior malaria specialist, one financial analyst, one M&E/data specialist, and one (80%) logistician.
USAID In-Country Staffing and Administration: Administration	USAID	\$320,000				Administration and oversight costs.
CDC In-Country Staffing and Administration	CDC IAA	\$556,000				Staffing and administration for one PMI/CDC Resident Advisor. Increased budget to cover unforeseen on boarding expenses

Total : \$2,196,000

GRAND TOTAL: \$17,000,000