

**Table 1: Budget Breakdown by Mechanism  
U.S. President's Malaria Initiative - Benin  
Planned Malaria Obligations for FY 2020**

<b>Mechanism</b>	<b>Activity</b>	<b>Budget (\$)</b>	<b>%</b>
CREC	Vector control research and entomological monitoring	\$425,000	3%
GHSC-PSM	Procurement of malaria commodities	\$5,335,142	33%
PMI VectorLink	2021 IRS campaign	\$3,000,000	19%
Benin NMCP FARA	RMIS, enhanced surveillance, communications	\$920,000	6%
Integrated Health Services Activity	Malaria components of integrated health project in 4 depts	\$2,170,000	14%
TBD Benin Bilateral	PIHI	\$300,858	2%
Private Sector Health Partnership Activity	Enhance the management of malaria cases by private healthcare providers	\$550,000	3%
Breakthrough ACTION	Implement MBS	\$130,000	1%
Promoting the Quality of Medicines Plus	Support to national laboratory for drug quality assurance	\$150,000	1%
Global Health Supply Chain (GHSC)-TA Francophone	Supply chain technical assistance	\$850,000	5%
Peace Corps	Community-based malaria activities supported by Peace Corps Volunteers	\$40,000	0%
USAID	Malaria and cross-cutting staff costs	\$1,640,000	10%
CDC IAA	PMI/CDC RA plus TA for entomology, IRS and malaria diagnostics	\$489,000	3%
<b>TOTAL</b>		<b>\$16,000,000</b>	<b>100%</b>

**Table 2: Budget Breakdown by Activity**  
**U.S. President's Malaria Initiative - BENIN**  
**Planned Malaria Obligations for FY 2020**

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	Centre de Recherche Entomologique de Cotonou (CREC)	\$300,000		Copargo, Dogbo, 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.
Support ITN Durability Monitoring	Centre de Recherche Entomologique de Cotonou (CREC)	\$125,000	Nationwide		Year two 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 with pipeline and FY20 funding
<b>Subtotal : \$425,000</b>					
<b>Insecticide-Treated Nets</b>					
Procure ITNs for Continuous Distribution Channels	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,991,000	Nationwide		Procure approximately 550,000 PBO ITNs for distribution at ANC and EPI clinics.
Distribute ITNs for Continuous Distribution Channels	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$880,000	Nationwide		Distribute 550,000 ITNs from port to health facilities
Other ITN Implementation	Benin NMCP Special Account	\$0		Atlantique	Distribution of ITNs in schools in Atlantique Department. Funded out of special account In 2018, NMCP implemented the first school-based distribution of ITNs in primary schools. A total of approximately 65,000 ITNs were distributed to public sector primary schools students in first and sixth grades. PMI, through the special account, provided funds to cover the training of ministry of education and ministry of health staff, transportation, distribution and supervision costs.
<b>Subtotal : \$2,871,000</b>					
<b>Indoor Residual Spraying</b>					
IRS Implementation	PMI VectorLink	\$2,250,000		Copargo, Djougou, Gogounou, Kandi, Ouake, Segbana	Continue support for spray operations in six communes where IRS is currently being performed, covering approximately 418,000 structures. Budget includes support for planning, payment of spray operators, environmental management, community mobilization, monitoring, etc. Final decision on implementation will depend on evaluation of the CY2020 campaign
IRS Implementation	Benin NMCP FARA			Gogounou, Kandi, Segbana	Funding level to be determined in consultation with the VMCT to determine which roles may be turned over to the government. The final amount allocated to this activity will be deducted from the IRS implementation budget above through a reprogramming memo.
Procure Insecticides for IRS	PMI VectorLink	\$750,000			Procure insecticides for spray campaign.
<b>Subtotal : \$3,000,000</b>					

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<b>SBC for Vector Control</b>					
SBC Implementation for Vector Control	Integrated Health Services Activity	\$200,000	Central	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 has as one of its focuses the utilization of ITNs. 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 SBC activities for the region.
SBC Implementation for Vector Control	Breakthrough ACTION	\$43,333	Nationwide		Implement a Malaria Behavior Survey (MBS), a cross-sectional household survey designed to provide data on the ideational variables that influence the uptake of malaria-related behaviors and services, the MBS provides data to inform the design, implementation, and evaluation of SBC interventions. This activity is funded across VC, CM and Prevention. This amount completes the funding to be provided in FY19 reprogramming
<b>Subtotal : \$243,333</b>					
<b>Total : \$6,539,333</b>					
<b>DRUG-BASED PREVENTION</b>					
<b>Prevention of Malaria in Pregnancy</b>					
Procure IPTp-Related Commodities	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$195,000	Central		Approximately 1.3 million SP doses to ensure an adequate supply for pregnant women to receive three doses throughout their pregnancy.
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.
MIP Implementation	Benin NMCP FARA	\$230,000		To Be Determined	Support community outreach of ANC with malaria in pregnancy interventions (SP, ITNs) to communities in areas with low IPTp coverage.
<b>Subtotal : \$675,000</b>					
<b>SMC</b>					
Procure SMC-Related Commodities	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$226,200		Cobly, Karimama, Malanville, Matéri, Tanguieta	The 2021 SMC campaign will benefit approximately 126,000 children 3-59 months of age residing in the communes of Malanville, Karimama, Tanguieta, Kobli, and Materi (the two health zones of TCM and MK).
SMC Implementation	Integrated Health Services Activity	\$320,000		Cobly, Karimama, Malanville, Matéri, Tanguieta	Implement SMC in five communes (two health zones) from June to September 2021. Budget projected to cover planning, training, implementation, supervision, monitoring, SBCC, etc.
<b>Subtotal : \$546,200</b>					

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<b>SBC</b>					
SBC Implementation for Prevention	Integrated Health Services Activity	\$200,000	Central	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 has as one of its focuses the protection of pregnant women during pregnancy with IPTp and ITNs. 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).
SBC Implementation for Prevention	Breakthrough ACTION	\$43,334	Nationwide		Implement a Malaria Behavior Survey (MBS), a cross-sectional household survey designed to provide data on the ideational variables that influence the uptake of malaria-related behaviors and services, the MBS provides data to inform the design, implementation, and evaluation of SBC interventions. This activity is funded across VC, CM and Prevention. This amount completes the funding to be provided in FY19 reprogramming
<b>Subtotal : \$243,334</b>					
<b>Total : \$1,464,534</b>					
<b>CASE MANAGEMENT</b>					
<b>Procure Case Management-Related Commodities</b>					
Procure RDTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$760,000	Nationwide		Procure approximately 2 million single-species RDT
Procure ACTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,280,000	Nationwide		Procure approximately 2.0 million treatments of AL for use in communities and public and private health facilities.
Procure Drugs for Severe Malaria	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$0	Nationwide		Procure approximately 200,000 vials of inj. Artesunate for treatment of severe malaria (procured using FY19 reprogrammed funds)
Procure Drugs for Severe Malaria	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$2,942	Nationwide		Procure approximately 7,600 suppositories for referral.
Procure Other Diagnosis-Related Commodities					
<b>Subtotal : \$2,042,942</b>					

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<b>Case Management Implementation</b>					
Facility-based case management	Integrated Health Services Activity	\$550,000	Alibori, Atacora, Oueme, Plateau		Provide support to departments and health zones for on-site supervision of health workers, and coaching that includes supervision of clinical, diagnostic and logistical activities.
Community-based case management	Integrated Health Services Activity	\$250,000	Alibori, Atacora, Oueme, Plateau		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.
Community-based case management	TBD Benin Bilateral	\$300,858		To Be Determined	Support DDS, ZS in the implementation of PIHI-Com including training and refresher training for CHWs on PIHI-Com in the targeted communes.
Private sector case management	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.
Support Therapeutic Efficacy Study	Benin NMCP FARA	\$170,000		To Be Determined	Support for the 2021 Therapeutic Efficacy monitoring of country's first-line ACT (AL) in two sites (TBD) including molecular sample processing plus fieldwork; k13 monitoring is included.
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	Integrated Health Services Activity	\$100,000	Alibori, Atacora, Oueme, Plateau		Support implementation 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.
National-level support for case management					
<b>Subtotal : \$1,670,858</b>					

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<b>SBC</b>					
SBC Implementation for Case Management	Integrated Health Services Activity	\$200,000	Central	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 has as a focus 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).
SBC Implementation for Case Management	Breakthrough ACTION	\$43,333	Nationwide		Implement a Malaria Behavior Survey (MBS), a cross-sectional household survey designed to provide data on the ideational variables that influence the uptake of malaria-related behaviors and services, the MBS provides data to inform the design, implementation, and evaluation of SBC interventions. This activity is funded across VC, CM and Prevention. This amount completes the funding to be provided in FY19 reprogramming
<b>Subtotal : \$243,333</b>					
<b>Total : \$3,957,133</b>					
<b>SUPPLY CHAIN</b>					
<b>In-Country Supply Chain</b>					
Warehousing and Distribution	Global Health Supply Chain (GHSC)-TA Francophone	\$300,000	Nationwide		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. This includes off-site warehousing by CAME.
Pharmaceutical Management Systems Strengthening	Global Health Supply Chain (GHSC)-TA Francophone	\$400,000	Nationwide		Support for regional offices and depots in the CAME area and logistics information system. Includes 100% surveillance in 12 low performance health zones.
Ensuring drug and other health product quality	Promoting the Quality of Medicines Plus (PQM+)	\$150,000	Nationwide		Support for the implementation of the national action plan for the strengthening of DPMED. Provide support to the national laboratory for 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 and staff time.
Pharmaceutical Management Systems Strengthening	Private Sector Health Partnership Activity	\$150,000	Nationwide		Support pharmaceutical management strengthening in the private sector.
Ensuring drug and other health product quality	Global Health Supply Chain (GHSC)-TA Francophone	\$50,000		To Be Determined	Support EUV implementation in two departments.
<b>Subtotal : \$1,050,000</b>					
<b>Total : \$1,050,000</b>					

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<b>MONITORING, EVALUATION &amp; RESEARCH</b>					
<b>Surveillance, Monitoring, and Evaluation</b>					
Support surveys					
Support Routine Surveillance	Benin NMCP FARA	\$300,000	Nationwide		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. This includes the decentralization of the data validation workshops to the health zone level and the biannual audit of malaria deaths.
Support Routine Surveillance	Integrated Health Services Activity	\$100,000	Nationwide		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.
<b>Subtotal : \$400,000</b>					
<b>Operational Research</b>					
OR Implementation					
<b>Subtotal : \$0</b>					
<b>Total : \$400,000</b>					
<b>OTHER HEALTH SYSTEMS STRENGTHENING</b>					
Support to Peace Corps	Peace Corps	\$40,000	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	Global Health Supply Chain (GHSC)-TA Francophone	\$100,000	Nationwide		Support for the monitoring of illegal malaria commodities in markets and formal health services, audit of malaria services under national health insurance and train journalists on malaria and governance. This activity will be co-funded with Malaria (maximum 1/3 total budget), MCH and other non-health funding.
Other Health Systems Strengthening Implementation	Private Sector Health Partnership Activity	\$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	Nationwide		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. Support for school clubs and women's groups at the community level.
Other Health Systems Strengthening Implementation	Benin NMCP FARA	\$120,000	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.
<b>Subtotal : \$460,000</b>					
<b>Total : \$460,000</b>					

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<b>STAFFING &amp; ADMINISTRATION</b>					
Vector Control-Related CDC TDY	CDC IAA	\$29,000	Central		Funding for one technical assistance visit from CDC to support entomological surveillance with particular emphasis on coordination of vector monitoring efforts, particularly for mosquito bionomics sampling, and use of data with partners for decision making. Emphasis will also be placed on synergist and insecticide resistance intensity testing plus one CDC TDY for IRS
MIP-Related CDC TDY					
SMC-Related CDC TDY					
Case Management-Related CDC TDY	CDC IAA	\$10,000	Central		One TDY to support NMCP with malaria diagnosis and case management activities.
SBC-Related CDC TDY					
SM&E-Related CDC TDY					
OR-Related CDC TDY					
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 PMI data sepcialist, one financial analyst, 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	\$450,000			Staffing and administration for one PMI/CDC Resident Advisor.
<b>Subtotal : \$2,129,000</b>					
<b>Total : \$2,129,000</b>					
<b>GRAND TOTAL:</b>	<b>\$</b>	<b>16,000,000</b>			