

**Table 1: Budget Breakdown by Mechanism**  
**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

<b>Mechanism and Proposed Activities</b>	<b>Sum of Budget (in \$)</b>
<b>Breakthrough ACTION</b>	<b>\$ 250,000</b>
Other SBC	\$ 250,000
<b>CDC IAA</b>	<b>\$ 846,875</b>
CDC In-Country Staffing and Administration	\$ 807,875
SM&E - Related CDC TDY	\$ 10,000
Vector Control-Related CDC TDY	\$ 29,000
<b>Central HSS</b>	<b>\$ 10,000</b>
Other Health Systems Strengthening Implementation	\$ 10,000
<b>Central HSS/ BSSR</b>	<b>\$ 1,255,095</b>
Other Health Systems Strengthening Implementation	\$ 100,000
Pharmaceutical Management Systems Strengthening	\$ 400,000
SM&E for Elimination	\$ 500,000
Warehousing and Distribution	\$ 255,095
<b>DHS Program</b>	<b>\$ 100,000</b>
Support Surveys	\$ 100,000
<b>G2G Ops</b>	<b>\$ 570,000</b>
Other Health Systems Strengthening Implementation	\$ 570,000
<b>OWOD</b>	<b>\$ 4,427,423</b>
Community-based Case Management	\$ 1,468,456
Facility-based Case Management	\$ 340,000
MIP Implementation	\$ 350,000
SBC Implementation	\$ 717,000
SMC Implementation	\$ 1,301,967
Support Routine Surveillance	\$ 250,000
<b>Peace Corps</b>	<b>\$ 10,000</b>
Support to Peace Corps	\$ 10,000
<b>PMI Evolving Vector Control to Fight Malaria</b>	<b>\$ 1,264,797</b>
Distribute ITNs for Continuous Distribution Channels	\$ 414,797
Support Entomological Monitoring	\$ 750,000
Support ITN Durability Monitoring	\$ 100,000
<b>PMI Insights</b>	<b>\$ 215,000</b>
Other SM&E Implementation	\$ 215,000
<b>Procurement and Supply Management (PSM)</b>	<b>\$ 8,611,500</b>
Procure ACTs	\$ 1,058,357
Procure Drugs for Severe Malaria	\$ 328,503
Procure ITNs for Continuous Distribution Channels	\$ 3,009,872
Procure Other Treatment Related Commodities	\$ 11,978
Procure RDTs	\$ 1,914,500
Procure SMC-Related Commodities	\$ 2,288,289

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<b>Promoting the Quality of Medicines Plus (PQM+)</b>	<b>\$ 200,000</b>
Strengthen Medical Product Quality Assurance	\$ 200,000
<b>Senegal Health FARA</b>	<b>\$ 4,126,272</b>
Community-based Case Management	\$ 753,727
Facility-based Case Management	\$ 110,000
MIP Implementation	\$ 735,000
Other Case Management Implementation	\$ 220,000
Other Health Systems Strengthening Implementation	\$ 435,000
Other SM&E Implementation	\$ 364,545
Private Sector Case Management	\$ 150,000
SBC Implementation	\$ 238,000
SM&E for Elimination	\$ 550,000
SMC Implementation	\$ 340,000
Support Routine Surveillance	\$ 60,000
Support Therapeutic Efficacy Study	\$ 170,000
<b>TBD - Bilateral Mechanism</b>	<b>\$ 500,000</b>
SM&E for Elimination	\$ 500,000
<b>Urban Health</b>	<b>\$ 200,000</b>
Other ITN Implementation	\$ 100,000
Private Sector Case Management	\$ 100,000
<b>USAID</b>	<b>\$ 1,413,038</b>
USAID In-Country Staffing and Administration: Administration	\$ 963,038
USAID In-Country Staffing and Administration: Staffing	\$ 450,000
<b>Grand Total</b>	<b>\$ 24,000,000</b>

**Table 2: Budget Breakdown by Activity**  
**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
**Revised February 15, 2023**

Broad Investment Area	Focused Investment Area	Proposed Activity	Mechanism	Award Type	Budget (in \$)	Nationwide/ Central	Region(s)	District(s)	Description of Proposed Activity
VECTOR CONTROL	Entomological Monitoring	Support Entomological Monitoring	PMI Evolving Vector Control to Fight Malaria	Contract	\$750,000		To Be Determined	To Be Determined	Support for vector bionomics and insecticide resistance entomological monitoring. This includes monthly field collections in 34 sites distributed throughout 19 districts, and laboratory support to assess entomological indicators essential for vector control, including: vector density and species composition (through morphological and molecular species identification), vector behavior (biting rates, resting densities, and blood meal indices), entomological inoculation rates (sporozoite rates), and parity rates. Community based entomological monitoring will be piloted in five of these districts to determine feasibility. Insecticide resistance will be monitored in all 19 districts through the assessment of phenotypic (bioassays), genetic (PCR based assays), and metabolic (biochemical assays) markers of resistance. Entomological training will include a review of the SOPs for all of the team members working in the field and a harmonization of methods used in country.
VECTOR CONTROL	Insecticide Treated Nets	Support ITN Durability Monitoring	PMI Evolving Vector Control to Fight Malaria	Contract	\$100,000		To Be Determined	To Be Determined	Survey to monitor the durability of LLINs. Resources provided will cover the second year of the study, with the study launched in 2022.
VECTOR CONTROL	Insecticide Treated Nets	Procure ITNs for Continuous Distribution Channels	Procurement and Supply Management (PSM)	Contract	\$3,009,872	Nationwide	Kaffrine, Kaolack, Kedougou, Kolda, Matam, Tambacounda	Kaffrine > Kaffrine, Kaffrine > Kougheul, Kaffrine > Maleme Hoddar, Kaffrine > Mbirikilane, Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Nioro, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Matam > Kanel, Matam > Ranerou, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tamba > Tamba	Procurement of a total of 1,532,986 Dual AI ITNs for continuous distribution channels, split as follows: 774,757 Dual AI nets will be procured for continuous distribution in the high transmission regions of Kedougou, Kolda, and Tambacounda and the surrounding districts around those higher transmission regions. 200,000 of these nets will be targeted for the surrounding districts that include (Kougheul, Ranerou, Kanel, Sedhiou, Bounkiling and Goudomp) along with the districts of Kaffrine, Malem Hodar, Birkelane, Kaolack, Ndoffane, and Nioro du Rip (161,200 nets for these surrounding districts). In addition, procurement of 758,229 Dual AI ITNs to cover the gap for routine distribution in the rest of the country. In addition to the funding here, PSM pipeline will be used.
VECTOR CONTROL	Insecticide Treated Nets	Distribute ITNs for Continuous Distribution Channels	PMI Evolving Vector Control to Fight Malaria	Contract	\$414,797	Nationwide	Kaffrine, Kedougou, Kolda, Sedhiou	Kaffrine > Kaffrine, Kaffrine > Kougheul, Kaffrine > Maleme Hoddar, Kaffrine > Mbirikilane, Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Nioro, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Matam > Kanel, Matam > Ranerou, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang	Support distribution of ITNs through continuous distribution channels in the high transmission regions of Kedougou, Kolda, and Tambacounda and the surrounding districts. (cost of \$0.4 per net)
VECTOR CONTROL	Insecticide Treated Nets	Other ITN Implementation	Urban Health	Cooperative Agreement	\$100,000		Dakar	To Be Determined	Provide support to the NMCP to implement innovative Urban-adapted interventions for ITN distribution and utilization. This will address chronic barriers to distribution and use of ITNs in urban settings using Dakar as a pilot area.

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DRUG BASED PREVENTION	Prevention of Malaria in Pregnancy	MIP Implementation	OWOD	Cooperative Agreement	\$350,000		Diourbel, Kedougou, Kolda, Sedhiou, Tambacounda	Diourbel > Bambey, Diourbel > Diourbel, Diourbel > Mbacke, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda > Medina Yoro Foulah, Kolda > Velingara, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang	Support includes training for new health facility-level providers as needed on prevention and treatment of malaria during pregnancy. This includes topics such as the importance of ITN use in pregnancy, diagnosis, and management of MIP, counseling and interpersonal communication skills. Support will continue for ANC outreach activities at health huts. Activities will follow district-level priorities as described in regional and district action plans. The activities have been expanded into Sedhiou region. This also includes the purchase of water filters for DOT.
DRUG BASED PREVENTION	Prevention of Malaria in Pregnancy	MIP Implementation	Senegal Health FARA	Other	\$655,000		To Be Determined	To Be Determined	Support community IPTp in 40 districts, selected based on low IPTp3 coverage. This support will be complementary to the support provided by the Global Fund which will cover 15 districts between 2021-2023. Resources will be transferred from PNLp central-level FARA to the operational level via their plan for acceleration. Estimated cost of an IPT acceleration plan per district is 9 000 000 CFA.
DRUG BASED PREVENTION	Prevention of Malaria in Pregnancy	MIP Implementation	Senegal Health FARA	Other	\$80,000		Kaffrine, Kaolack, Ziguinchor		Support includes training for new health facility-level providers as needed on prevention and treatment of malaria during pregnancy. This includes topics such as the importance of ITN use in pregnancy, diagnosis, and management of MIP, counseling and interpersonal communication skills. Support will continue for ANC outreach activities at health huts. Activities will follow district-level priorities as described in regional and district action plans. (\$60,000 for Kaolack, \$10,000 for Kaffrine and \$10,000 for Ziguinchor).
DRUG BASED PREVENTION	SMC	Procure SMC-Related Commodities	Procurement and Supply Management (PSM)	Contract	\$2,288,289		Diourbel, Kaolack, Kedougou, Kolda, Tambacounda	Diourbel > Diourbel, Diourbel > Touba, Kaolack > Kaolack, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tambacounda	Purchase of 6,551,028 doses of co-blister SP-AQ for SMC implementation with a target of 918,588 children, targeting the entire regions of Kedougou, Tambacounda, and Kolda, and health posts with higher incidence in Touba, Diourbel and Kaolack districts. There will be 3 rounds of distribution in the districts of Kaolack, Diourbel, Touba, Koumpentoum, Maka, Tamba, and Bakel, 4 rounds in RM Kolda and districts Kidira and Goudiry, and five rounds in RM Kedougou and district of Diankhe Makhan.
DRUG BASED PREVENTION	SMC	SMC Implementation	OWOD	Cooperative Agreement	\$1,301,967		Diourbel, Kedougou, Kolda	Diourbel > Diourbel, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda > Medina Yoro Foulah, Kolda > Velingara, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang	Operational costs for SMC implementation at the operational level, budget includes planning, training, implementation, decentralized supervision, monitoring, direct observation of treatment doses on all 3 days, transportation, materials, communication materials, equipment, and campaign evaluation. This also includes resources for procurement of all SMC related communication materials (all districts including Kaolack). This also includes an increase in number of monthly rounds in several districts. There will be 3 rounds of distribution in the districts of Kaolack, Diourbel, Touba, Koumpentoum, Maka, Tamba, and Bakel, 4 rounds in RM Kolda and districts Kidira and Goudiry, and five rounds in RM Kedougou and district of Diankhe Makhan. The total of this activity is \$3,202,500 - The difference (1,900,533) will be covered by the pipeline.
DRUG BASED PREVENTION	SMC	SMC Implementation	Senegal Health FARA	Other	\$340,000	Central	Kaolack	Kaolack > Kaolack	Operational costs for SMC implementation at the central level (\$160,000) and at the district level for Kaolack (\$180,000). At the central level, budget includes planning, technical assistance to the operational level, supervision, monitoring, and campaign evaluation. In Kaolack, only health posts with higher incidence will be engaged. Operational costs for SMC implementation in Kaolack includes planning, training, implementation, decentralized supervision, monitoring, direct observation of treatment doses on all 3 days, transportation and local campaign evaluation.
CASE MANAGEMENT	Procure Case Management- Related Commodities	Procure RDTs	Procurement and Supply Management (PSM)	Contract	\$1,914,500	Nationwide			Procurement of 4,092,500 monospecies RDTs ( <i>P. falciparum</i> ) , plus an additional 750000 to cover gaps due to new projections for CY2023 caused by an increase in cases.

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CASE MANAGEMENT	Procure Case Management- Related Commodities	Procure ACTs	Procurement and Supply Management (PSM)	Contract	\$816,823	Nationwide	Procurement of a total of 630,630 ACT, 60% AL to be deployed mostly in the high-burden regions where SMC is implemented, and 40% ASAQ for the remaining areas, in addition to an extra 251,171 AL already ordered, and planned orders of 288,500 ACTs across all weight bands (split 60/40 as described above), due to an increase in cases over the past few months and resulting new projections for the coming calendar year.	
CASE MANAGEMENT	Procure Case Management- Related Commodities	Procure ACTs	Procurement and Supply Management (PSM)	Contract	\$241,534	Nationwide	Procure ACTs for investigation (62,412 AL and 62,412 DHA-PQ). These are used in areas with an incidence <5/1000 population, with the DHA-PQ deployed in areas with higher incidence (due to the longer half-life), and AL in areas with lower incidence, to decrease drug pressure (= <1 per 1000).	
CASE MANAGEMENT	Procure Case Management- Related Commodities	Procure Drugs for Severe Malaria	Procurement and Supply Management (PSM)	Contract	\$0	Nationwide	Procurement of 0 rectal artesunate suppositories for community health workers and remote health posts for pre-transfer treatment of severe malaria cases.	
CASE MANAGEMENT	Procure Case Management- Related Commodities	Procure Drugs for Severe Malaria	Procurement and Supply Management (PSM)	Contract	\$328,503	Nationwide	Procurement of 178,325 vials of injectable artesunate for treatment of severe malaria (18 546 vials of 30 mg and 159779 vials of 60 mg), plus an additional 19,000 vials of 60 mg vials to help cover gaps due to an increase in cases.	
CASE MANAGEMENT	Procure Case Management- Related Commodities	Procure Other Treatment Related Commodities	Procurement and Supply Management (PSM)	Contract	\$11,978	Nationwide	Purchase of 119,780 blister packs of primaquine.	
CASE MANAGEMENT	Case Management Implementation	Facility-based Case Management	OWOD	Cooperative Agreement	\$340,000	Diourbel, Kedougou, Kolda, Tambacounda	Diourbel > Diourbel, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tamba > Tamba	Support for training and supervision of malaria case management at all levels of the public health system.(\$20,000 per district).
CASE MANAGEMENT	Case Management Implementation	Community-based Case Management	OWOD	Cooperative Agreement	\$442,000	Diourbel, Kedougou, Kolda, Sedhiou, Tambacounda	Diourbel > Diourbel, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang	Support for community case management of malaria at health huts by community health workers, includes training, supervision, and monitoring of CHWs. (\$26,000 per district)

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CASE MANAGEMENT	Case Management Implementation	Facility-based Case Management	Senegal Health FARA	Other	\$110,000		Kaffrine, Kaolack, Ziguinchor	Kaffrine > Kaffrine, Kaffrine > Kougheul, Kaffrine > Maleme Hoddar, Kaffrine > Mbirkilane, Kaolack > Guinguineo, Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Niore, Ziguinchor > Bignona, Ziguinchor > Diouloulou, Ziguinchor > Oussouye, Ziguinchor > Thionckessyl, Ziguinchor > Ziguinchor	Support for training and supervision of malaria case management at all levels of the public health system. (\$15,000 per district in Kaolack; \$25,000 per region for Kaffrine and Ziguinchor)
CASE MANAGEMENT	Case Management Implementation	Community-based Case Management	Senegal Health FARA	Other	\$130,000		Kaffrine, Kaolack, Ziguinchor	Kaffrine > Kaffrine, Kaffrine > Kougheul, Kaffrine > Maleme Hoddar, Kaffrine > Mbirkilane, Kaolack > Guinguineo, Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Niore, Ziguinchor > Bignona, Ziguinchor > Diouloulou, Ziguinchor > Oussouye, Ziguinchor > Thionckessyl, Ziguinchor > Ziguinchor	Support for community case management of malaria at health huts by community health workers, includes training, supervision, and monitoring of CHWs. (\$20,000 per district for the region of Kaolack; \$25,000 per region for Kaffrine and Ziguinchor)
CASE MANAGEMENT	Case Management Implementation	Community-based Case Management	OWOD	Cooperative Agreement	\$123,276	Central			Procurement of equipment and tools for data collection for DSDOMS to perform passive and active sweeps. Equipment to include T-shirts, bibs, registries, data collection tools, bags, boxes for commodity storage, thermometers. All equipment and tools should be provided to the NMCP that will oversee and coordinate the distribution of the materials.
CASE MANAGEMENT	Case Management Implementation	Community-based Case Management	Senegal Health FARA	Other	\$8,727	Central			Transportation cost of equipment and tools for data collection for DSDOMS to perform passive and active sweeps
CASE MANAGEMENT	Case Management Implementation	Community-based Case Management	Senegal Health FARA	Other	\$615,000		Dakar, Fatick, Kaffrine, Kaolack, Thies	Dakar > Keur Massar, Diourbel > Diourbel, Diourbel > Mbacke, Diourbel > Touba, Fatick > Dioffior, Fatick > Passy, Fatick > Sokone, Kaffrine > Kaffrine, Kaffrine > Kougheul, Kaffrine > Maleme Hoddar, Kaffrine > Mbirkilane, Kaolack > Guinguineo, Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Niore, Thies > Joal, Thies > Khombole, Thies > Pout, Thies > Thiadaye	Training and refresher training of existing and new community health workers (DSDOMS) and logistics to support 16 districts for the implementation of PECADOM+, PECADAara, and PECAEcole, including transportation and supervision. For 2022, we anticipate a total of ~3,000 DSDOMS with ~2,000 DSDOMS who implement PECADOM+ activities. For the operational level activities, the NMCP will transfer funds to the regions/districts to support implementation of their local plans. Resources at the central level will support coordination, central-level supervision and national evaluation of PECADOM interventions.
CASE MANAGEMENT	Case Management Implementation	Community-based Case Management	OWOD	Cooperative Agreement	\$ 903,180		Diourbel, Kedougou, Kolda, Sedhiou, Tambacounda	Diourbel > Bambey, Diourbel > Diourbel, Diourbel > Mbacke, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tambacounda	Training and refresher training of existing and new community health workers (DSDOMS) and logistics to support 19 districts for the implementation of PECADOM+, PECADAara, and PECAEcole, including transportation and district-level supervision. Also includes year-long implementation of PECADOM+ in Kedougou and the districts of Diankemakha and Tambacounda in the region of Tambacounda. For 2022, we anticipate a total of ~3,000 DSDOMS with ~2,000 DSDOMS who implement PECADOM+ activities. For the operational level activities, the implementing partner will transfer funds to the regions/districts to support implementation of their local plans through subagreements/grants.
CASE MANAGEMENT	Case Management Implementation	Private Sector Case Management	Senegal Health FARA	Other	\$150,000		Dakar, Thies		Support for national private sector strategy, including training and supervision of malaria case management in the private sector and data reporting.
CASE MANAGEMENT	Case Management Implementation	Private Sector Case Management	Urban Health	Cooperative Agreement	\$100,000		Dakar		Development and testing of innovative approaches to improving malaria service provisions in the private sector. Successful approaches will be replicated in other urban settings beyond Dakar.

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**Planned Malaria Obligations for FY 2022**  
**Revised February 15, 2023**

CASE MANAGEMENT	Case Management Implementation	Support Therapeutic Efficacy Study	Senegal Health FARA	Other	\$170,000		To Be Determined	To Be Determined	Therapeutic efficacy monitoring of first-line ACTs in 2 sentinel sites , including molecular testing using next generation sequencing of samples for resistance monitoring in Senegal reference laboratory (part of PARMA network)
CASE MANAGEMENT	Case Management Implementation	Other Case Management Implementation	Senegal Health FARA	Other	\$160,000	Nationwide			Training and refresher training of 16 laboratory technicians from health facilities at the district level, military medical centers, and hospitals for microscopy (5 day training). Trainees are selected based on personnel needs and/or diagnostic performance recorded in previous supervisory reports. Annual supportive supervision of 140 laboratories from health facilities at the district level, military medical centers, and hospitals. Regional workshops with laboratory technicians to read thick smear slides from health facilities and a slide bank to ensure quality and improve performance of diagnosis with microscopy. Annual contract for maintenance of microscopes both at training facilities and health facilities at the district level, military medical centers, and hospitals.
CASE MANAGEMENT	Case Management Implementation	Other Case Management Implementation	Senegal Health FARA	Other	\$40,000	Nationwide			Support for the implementation of quality control programs for both microscopy and RDTs (both upon arrival in-country and in the field) in conjunction with the NMCP and UCAD at all levels of the health system, including the private sector.
CASE MANAGEMENT	Case Management Implementation	Other Case Management Implementation	Senegal Health FARA	Other	\$20,000		Fatick > Dioffior, Fatick > Fatick, Fatick > Foundiougne, Fatick > Gossas, Fatick > Niakhar, Fatick > Passy, Fatick > Sokone, Louga > Coki, Louga > Dahara, Louga > Darou-Mousty, Louga > Kebemer, Louga > Keur Momar Sar, Louga > Linguere, Louga > Louga, Louga > Sakal, Matam > Kanel, Matam > Matam, Matam > Ranerou, Matam > Thilogne, Thies > Joal, Thies > Khombole, Thies > Mbour, Thies > Meckhe, Thies > Popenguine, Thies > Pout, Thies > Thiadaye, Thies > Thies, Thies > Tivaouane		Support for the implementation of low-dose primaquine in pre-elimination regions, including refresher training and adverse event surveillance. This is complimentary to the support PATH/MACEPA provides for this activity, including drug procurement. For the operational level activities, the NMCP will transfer funds to the regions/districts to support implementation of their local plans.
SUPPLY CHAIN	In-Country Supply Chain	Warehousing and Distribution	Central HSS/ BSSR	Cooperative Agreement	\$255,095	Central			PMI funds will be used to cover management and delivery fees for all PMI-procured malaria commodities (with the exception of ITNs as these do not transit through the CMS). This is calculated at 5% of the commodity costs and is applied to all partners that procure commodities for Senegal.
SUPPLY CHAIN	In-Country Supply Chain	Pharmaceutical Management Systems Strengthening	Central HSS/ BSSR	Cooperative Agreement	\$400,000	Central			Support for the NMCP to improve quantification through regular consumption data collection at the peripheral level, monitoring reporting and orders and support to reinforce the malaria commodities distribution thru the national system.
SUPPLY CHAIN	In-Country Supply Chain	Strengthen Medical Product Quality Assurance	Promoting the Quality of Medicines Plus (PQM+)	Cooperative Agreement	\$200,000	Central			Sampling and testing of antimalarials at 9 sites across the country, with technical assistance for accreditation of drug quality monitoring.
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	Support Surveys	DHS Program	Cooperative Agreement	\$100,000	Central			Technical assistance for the cDHS

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*Revised February 15, 2023*

MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	Support Routine Surveillance	OWOD	Cooperative Agreement	\$250,000	Central	Diourbel > Bambey, Diourbel > Diourbel, Diourbel > Mbacke, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Diourbel, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tambacounda	Support for DHIS2 implementation with an emphasis on improving data collection, completeness, timeliness, quality at the district-level and health facility levels and use of the data at the operational level. Support will be provided directly at the operational and at the central level.
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	Support Routine Surveillance	Senegal Health FARA	Other	\$60,000		Kaffrine, Kaolack, Ziguinchor Kaffrine > Kaffrine, Kaffrine > Koungheul, Kaffrine > Maleme Hoddar, Kaffrine > Mbirkilane, Kaolack > Guinguineo, Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Niore, Ziguinchor > Bignona, Ziguinchor > Diouloulou	Support for DHIS2 implementation with an emphasis on improving data collection, completeness, timeliness, quality at the district-level and health facility levels and use of the data at the operational level. Support will go to regions funded directly by regional FARAs.
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	Other SM&E Implementation	Senegal Health FARA	Other	\$180,000	Central		Peer supervision at the regional and district levels. Supervision will be performed by malariologists (graduates from the NMCP-run malariology course) identified in the neighboring districts. Central-level staff will join in some of the supervisory visits, but not routinely in all visits.
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	Other SM&E Implementation	Senegal Health FARA	Other	\$134,545	Central		Implementation of the malaria monitoring and evaluation course that includes surveillance in the context of elimination. This cost will include 2 sessions with 20 students per session. Overall, the target is 400 individuals trained. To date, 155 have been trained.
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	SM&E for Elimination	Senegal Health FARA	Other	\$400,000		Diourbel, Fatick, Louga, Matam, Saint-Louis, Thies Diourbel > Bambey, Fatick > Dioffior, Fatick > Fatick, Fatick > Foundiougne, Fatick > Gossas, Fatick > Niakhar, Fatick > Passy, Fatick > Sokone, Louga > Coki, Louga > Dahara, Louga > Darou-Mousty, Louga > Kebemer, Louga > Keur Momar Sar, Louga > Linguere, Louga > Louga, Louga > Sakal, Matam > Kanel, Matam > Matam, Matam > Ranerou, Matam > Thilogne, Saint-Louis > Dagana, Saint-Louis > Pete, Saint-Louis > Podor, Saint-Louis > Richard Toll, Saint-Louis > Saint-Louis, Thies > Joal, Thies > Khombole, Thies > Mbour, Thies > Meckhe, Thies > Popenguine, Thies > Pout, Thies > Thiadaye, Thies > Thies, Thies > Tivaouane	Support for operational costs of case investigations and training of health workers and CHWs to perform these investigations, including weekly reporting integrated into DHIS-2 in 17 districts in Louga, Matam, and Saint-Louis regions where incidence is <5 per 1,000 (with support from Path/MACEPA). For the operational level activities, the NMCP will transfer funds to the regions/districts to support implementation of their local plans. Resources increased due to planned withdrawal of BID funds at the end of 2021. Specific geographical coverage is TBD - approximately 18 districts will be added from the Thies, Fatick and Diourbel regions for a total of 35 covered districts across the country.
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	SM&E for Elimination	Central HSS/ BSSR	Cooperative Agreement	\$500,000		Louga, Matam, Saint-Louis Louga > Coki, Louga > Dahara, Louga > Darou-Mousty, Louga > Kebemer, Louga > Keur Momar Sar, Louga > Linguere, Louga > Louga, Louga > Sakal, Matam > Sakal, Matam > Matam, Matam > Thilogne, Saint-Louis > Dagana, Saint-Louis > Pete, Saint-Louis > Podor, Saint-Louis > Richard Toll, Saint-Louis > Saint-Louis	Support for operational costs of case investigations and training of health workers and CHWs to perform these investigations, including weekly reporting integrated into DHIS-2 in 17 districts in Louga, Matam, and Saint-Louis regions where incidence is <5 per 1,000). For the operational level activities, BSSR will transfer funds to the regions/districts to support implementation of their local plans.



**Table 2: Budget Breakdown by Activity**  
**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	Other SM&E Implementation	PMI Insights	Cooperative Agreement	\$100,000	Central	Evaluation of the Malariology and Malaria SM&E courses
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	Other SM&E Implementation	Senegal Health FARA	Other	\$50,000	Central	Mid-term review of the 2021-2025 NSP
MONITORING, EVALUATION, & RESEARCH	Operational Research (OR)	Other SM&E Implementation	PMI Insights	Cooperative Agreement	\$115,000	Central	Implement and evaluate pilot packages of interventions for urban malaria in daaras (traditional religious schools in urban areas where children <18yrs live in high density settings). These intervention packages were developed based on data from an urban landscape assessment performed in three urban areas in Senegal (Dakar, Touba, and Diourbel) that examined Anopheles larval habitat characterization and spatiotemporal dynamics, LLIN usage, indoor and outdoor sleeping behaviors, and knowledge attitudes and practice towards malaria interventions. The proposed package of interventions is being further developed with community engagement, but includes daara-based health workers (PECADaara), deployment of modified ITNs and testing of spatial and topical repellents. These funds come in supplement to funds provided in FY21 (\$385,213) for a grand total of \$500,213 for this OR study
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	SM&E for Elimination	Senegal Health FARA	Other	\$150,000	Nationwide	Implementation of prioritized elimination activities identified during the development of the National Elimination Plan. Activities to be implemented by the NMCP
MONITORING, EVALUATION, & RESEARCH	Surveillance, Monitoring and Evaluation	SM&E for Elimination	TBD - Bilateral Mechanism	Cooperative Agreement	\$500,000	Nationwide	Implementation of priority elimination activities identified during the development of the National Elimination Plan through a new malaria elimination bilateral mechanism to be designed in 2023
SBC	SBC	Other SBC	Breakthrough ACTION	TBD	\$250,000	Central	Development of a national communication plan, as a communication strategy/plan exist but dates back to 2016. The priority with this funding is conducting a situational analysis (document review possibly) and plan development which will include a focus on elimination.

**Table 2: Budget Breakdown by Activity**  
**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

SBC	SBC	SBC Implementation	Senegal Health FARA	Other	\$60,000	Kaolack	Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Niore	Support for SBC messaging around ITN use at the operational level, targeting the whole community but with an emphasis on pregnant women and children under five. Channels of communication will include IPC using CHWs, as well as local, community based radios, drama, etc.. Focus on high burden districts of Kaolack.
SBC	SBC	SBC Implementation	OWOD	Cooperative Agreement	\$150,000	Diourbel, Kedougou, Kolda, Sedhiou, Tambacounda	Diourbel > Diourbel, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang	Support for SBC messaging around ITN use at the operational level, targeting the whole community but with an emphasis on pregnant women and children under five. Channels of communication will include IPC using CHWs, as well as local radios, drama, etc.. Focus on districts in high burden regions in Southeast Senegal. (Sedhiou added).
SBC	SBC	SBC Implementation	Senegal Health FARA	Other	\$75,000	Kaffrine, Kedougou, Tambacounda	Kaffrine > Koungheul, Kedougou > Kedougou, Tamba > Koumpentoum, Tamba > Makacolibantang	Social mobilization and communication activities to mitigate the phasing out of IRS in the targeted districts. This will also include the promotion and education about the Dual AI nets that will be distributed in the targeted districts.

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**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

SBC	SBC	SBC Implementation	Senegal Health FARA	Other	\$33,000	Central	Kaolack	Kaolack > Kaolack, Kaolack > Ndioufane, Kaolack > Niore	Promotion of SMC through radio spots, community meetings, and house-to-house visits in the Kaolack district targeted for SMC, including the regional campaign launch. Messaging will prioritize SBC refusal reasons including but not limited to: concerns about side effects, intervention fatigue, scheduling, etc. For the operational level activities, the funds to the regions/districts to support implementation of their local plans will go through the regional FARA in addition to resources for the central level that will be provided to support a national campaign launch and national level media communication campaign. (Note: Procurement of all SBC materials will be through the bilateral rather than the Senegal Health FARA)*.
SBC	SBC	SBC Implementation	OWOD	Cooperative Agreement	\$167,000		Diourbel, Kedougou, Kolda, Tambacounda	Diourbel > Bambey, Diourbel > Diourbel, Diourbel > Mbacke, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tambacounda	Promotion of SMC through the regional launch, radio spots, community meetings, and home visits in SMC target districts, including the launch of the regional campaign.
SBC	SBC	SBC Implementation	OWOD	Cooperative Agreement	\$150,000		Diourbel, Kedougou, Kolda, Sedhiou, Tambacounda	Diourbel > Bambey, Diourbel > Diourbel, Diourbel > Mbacke, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tambacounda	Support SBCC interventions focusing on IPTp uptake. Activities will be implemented in districts of the regions of Kedougou, Tambacounda, Diourbel and Kolda according to national policies and in coordination with SBC activities related to other technical areas. These four regions carry the highest burden of malaria and therefore our activities will focus in these areas. Additionally, Kedougou and Tambacounda regions have the lowest level of ANC utilisation in the country.

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**U.S. President’s Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

SBC	SBC	SBC Implementation	OWOD	Cooperative Agreement	\$250,000		Diourbel, Kedougou, Kolda, Sedhiou, Tambacounda	Diourbel > Diourbel, Diourbel > Touba, Kedougou > Kedougou, Kedougou > Salemata, Kedougou > Saraya, Kolda > Kolda, Kolda > Medina Yoro Foulah, Kolda > Velingara, Sedhiou > Bounkiling, Sedhiou > Goudomp, Sedhiou > Sedhiou, Tamba > Bakel, Tamba > Diankhe Makhan, Tamba > Goudiry, Tamba > Kidira, Tamba > Koumpentoum, Tamba > Makacolibantang, Tambacounda	IPC, focus group discussion and mass media outreach in PMI priority regions to improve care seeking behaviors (\$50,000 per region). (Sedhiou region is added).
SBC	SBC	SBC Implementation	Senegal Health FARA	Other	\$70,000		Kaffrine, Kaolack, Ziguinchor	Kaffrine > Kaffrine, Kaffrine > Koungheul, Kaffrine > Maleme Hoddar, Kaffrine > Mbirkilane, Kaolack > Guinguineo, Kaolack > Kaolack, Kaolack > Ndoffane, Kaolack > Niore, Ziguinchor > Bignona, Ziguinchor > Diouloulou, Ziguinchor > Oussouye, Ziguinchor > Thionckessyl, Ziguinchor > Ziguinchor	IPC, focus group discussion and mass media outreach in PMI priority regions to improve care seeking behaviors. (\$30,000 for Kaolack region and \$20,000 each for Kaffrine and Ziguinchor).
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Central HSS/ BSSR	Cooperative Agreement	\$100,000	Nationwide			Support to central level for HMIS strengthening.
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Senegal Health FARA	Other	\$100,000	Central			Funding will be provided to support a malariology course that will be offered to health staff at various levels to allow for incountry training opportunities. Since FY19, PMI resources have supported decentralized malariology courses using a training-of-trainers model. Regional level health officers (graduates from the Central level course) will implement this course. This course will target health post chief nurses and nurse-midwives and with this funding, the target is to train approximately 100-125 health workers.

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**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Senegal Health FARA	Other	\$125,000	Central	Support to the DPRS/DSISS for quality of health system data, retraining of health agents on the DHIS-2 platform, implementation of data quality assessments with an emphasis on malaria indicators and training health workers at health posts on the use of DHIS-2. This includes planning with the DPRS/DSISS to install and deploy the DHIS2 malaria module, training/retraining of health workers on DHIS2 already covered by the FM, and orientation of MCDs to use/operate the malaria module (workshops).
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Senegal Health FARA	Other	\$140,000	Central	Support for the management of the FARA and support to central units such as the NMCP, DAGE, DPRS, DLM and Internal Inspection.
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Senegal Health FARA	Other	\$35,000	Central	Support to the CCPLP (Malaria Partners Coordination Committee) to bring together NMCP staff, the Global Fund, Islamic Development Bank, and representatives from different regions and partners to facilitate information sharing and ensure better coordination of malaria-related activities across the country.
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Senegal Health FARA	Other	\$15,000	Central	Support for participation in international scientific and professional meetings to provide NMCP staff (central and field level) with opportunities to learn best practices, share experiences, and develop networks. Potential meetings include the American Society of Tropical Medicine and Hygiene and the Pan African Malaria conferences. This includes support for 3 trips.

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**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Central HSS	Cooperative Agreement	\$10,000	Nationwide	Support for participation in international scientific and professional meetings to provide NMCP staff (central and field operational level) with opportunities to learn best practices, share experiences, and develop networks. Potential meetings include the American Society of Tropical Medicine and Hygiene and the Pan African Malaria conferences. This includes support for 3 trips and selection will be based on performance.
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	G2GOps	Contract	\$570,000	Central	Preparation and monitoring of the G2G agreement between PMI and the NMCP (fixed amount reimbursement agreement, FARA); technical assistance for management and data reporting. Activity is both at central and regional levels.
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Other Health Systems Strengthening Implementation	Senegal Health FARA	Other	\$20,000	Central	Procurement of updated laptops or desktops for the NMCP at central level for approximately 30 staff.
OTHER HEALTH SYSTEMS STRENGTHENING	Other Health Systems Strengthening	Support to Peace Corps	Peace Corps	IAA	\$10,000	Nationwide	Support malaria-related Peace Corps small project assistance (SPA) grants
STAFFING & ADMINISTRATION	Staffing & Administration	SM&E - Related CDC TDY	CDC IAA	IAA	\$10,000		TDY of epidemiologist to support surveillance, SM&E activities with the NMCP.
STAFFING & ADMINISTRATION	Staffing & Administration	Vector Control-Related CDC TDY	CDC IAA	IAA	\$29,000		2 TDYs of entomologist to support in entomologic monitoring activities
STAFFING & ADMINISTRATION	Staffing & Administration	USAID In-Country Staffing and Administration: Administration	USAID	IAA	\$963,038		Personnel for one PMI/USAID resident advisor and 3 100% PMI-dedicated foreign service national staff, including one data specialist; in-country costs for CDC resident advisor

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**U.S. President's Malaria Initiative – Senegal**  
**Planned Malaria Obligations for FY 2022**  
*Revised February 15, 2023*

STAFFING & ADMINISTRATION	Staffing & Administration	USAID In-Country Staffing and Administration: Staffing	USAID	IAA	\$450,000	Administration costs of 2%.
STAFFING & ADMINISTRATION	Staffing & Administration	CDC In-Country Staffing and Administration	CDC IAA	IAA	\$807,875	Staffing costs for one PMI/CDC Resident Advisor including relocation costs for outgoing and incoming RA.