

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

<b>Mechanism</b>	<b>Activity</b>	<b>Budget</b>	<b>%</b>
PMI VectorLink	Conduct entomological monitoring in sentinel sites and larviciding sites; Insecticide for larvicide; ITN durability monitoring and IRS.	\$5,065,121	20%
Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria, or TBD	Procure ITNs for cCD, RDTs, ACTs, SP, rectal artesunate, and lab commodities.	\$5,923,379	24%
Improving Market Partnerships and Access to Commodities Together (IMPACT)	Strengthen the supply chain system and provide warehousing and distribution of malaria commodities.	\$2,980,000	12%
ECOS	Conduct an independent environmental assessment of IRS.	\$40,000	0%
Accessible Continuum of Care and Essential Services Sustained (ACCESS)	Support MIP and malaria case management at the health facility and community level.	\$7,150,000	29%
PMI Impact Malaria	Support lab capacity building and elimination activities.	\$600,000	2%
TBD	Conduct cognitive diagnostics	\$187,500	1%
PMI MEASURE Malaria	Support HMIS strengthening.	\$800,000	3%
Peace Corps	Support malaria Peace Corps Volunteers.	\$20,000	0%
CIVIS	Other SM&E implementation	\$187,500	1%
Institut Pasteur de Madagascar (IPM)/ Research, Innovation, Surveillance and Evaluation (RISE) Project	Strengthen NMCP's outbreak response, data analysis and conduct vector control OR.	\$525,000	2%
CDC IAA	Conduct 4 TDYs and support 1 PMI/CDC RA.	\$344,000	1%
USAID	Support 4 PMI/USAID staff and admin costs.	\$1,177,500	5%
<b>TOTAL</b>		<b>\$25,000,000</b>	<b>100%</b>

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

Proposed Activity	Mechanism	Budget (in \$)	Geographic Reach of PMI Activity			Description of Proposed Activity
			If coverage is focused by region(s), name(s) of region(s)	If coverage is focused by district(s), name(s) of district(s)		
<b>VECTOR CONTROL</b>						
<b>Entomological Monitoring</b>						
Support Entomologic Monitoring	PMI VectorLink	\$325,000			To Be Determined	Support for entomological monitoring in up to 11 sentinel sites including IRS and non-IRS sites (PBOs districts) and ensuring regional (epidemiology strats.) representativity. Activity includes advanced molecular analysis, support for NMCP staff capacity building, procurement of supplies for insectary, and entomology lab.
Support Entomologic Monitoring in Larviciding sites	PMI VectorLink	\$100,000			To Be Determined	Support for entomological monitoring in larviciding sites.
<b>Subtotal : \$425,000</b>						
<b>Insecticide-Treated Nets</b>						
Procure ITNs for cCD	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria, or TBD	\$3,762,000	Nationwide			Procure ~1.3 million ITNs for cCD in up to 12 districts including PBO and possibly next generation ITNs depending on entomological resistance data. 800,000 standards nets for cCD, 200,000 nets for routine (ANC/EPI) distribution, and 300,000 PBOs nets in 2 eligible districts (TBD).
Distribute ITNs for cCD	Improving Market Partnerships and Access to Commodities Together (IMPACT)	\$1,105,000	Nationwide			Warehouse and distribute ~1.3 million ITNs for cCD in up to 20 districts (estimated \$0.85 per net distributed).
Support ITN Durability Monitoring	PMI VectorLink	\$100,000			To Be Determined	Conduct ITN durability monitoring 24 months after the 2021 mass ITN distribution campaign to assess: 1) net survivorship and 2) physical integrity.

Support ITN Durability Monitoring	Institut Pasteur de Madagascar (IPM)/ Research, Innovation, Surveillance and Evaluation (RISE) Project	\$25,000	Nationwide		To Be Determined	Conduct ITN durability monitoring 24 months after the 2021 mass ITN distribution campaign including PBO nets, to provide 1) bio-efficacy of insecticides; and 2) insecticidal content.
-----------------------------------	--	----------	------------	--	------------------	--

**Subtotal : \$4,992,000**

**Indoor Residual Spraying**

IRS Implementation	PMI VectorLink	\$3,000,000			To Be Determined	Support for spray operations in up to five districts, covering approximately over 200,000 structures. Budget includes support for planning, training, spray operations, environmental management, community mobilization, monitoring, etc.
Implementation of Larvicide	PMI VectorLink	\$500,000			To Be Determined	Conduct larviciding in either/or low incidence districts with recrudescence or high-burden districts with frequent outbreaks depending on findings of mapping, ento., appropriateness for larviciding, etc.
Procure Insecticides for IRS and Larvicide for Larviciding	PMI VectorLink	\$940,121			To Be Determined	Procure long lasting, non-pyrethroid IRS insecticides based on the insecticide resistance management plan, susceptibility studies, and residual efficacy. For larvicide-targeted districts, procure larvicide (# of districts TBD).
Conduct Independent Environmental Compliance for IRS	ECOS	\$40,000			To Be Determined	Conduct independent environmental compliance in selected IRS districts.

**Subtotal : \$4,480,121**

**SBC for Vector Control**

SBC Implementation for Vector Control	Improving Market Partnerships and Access to Commodities Together (IMPACT)	\$200,000	Nationwide		To Be Determined	Implement SBC messages related to cCD ITN distribution (use and care).
SBC Implementation for Vector Control	PMI VectorLink	\$100,000			To Be Determined	Implement SBC messages for IRS and larviciding activities.

**Subtotal : \$300,000**

**Total : \$10,197,121**

**DRUG-BASED PREVENTION****Prevention of Malaria in Pregnancy**

MIP Implementation	Accessible Continuum of Care and Essential Services Sustained (ACCESS)	\$1,100,000		Analanjirifo, Atsimo Andrefana, Atsinanana, Boeny, Diana, Melaky, Menabe, Sava, Sofia, Vatovavy Fitovinany	Improve quality of MIP services and supply management at ANC including supportive supervision and on-the-job training. Provide guidance to improve provider practices and knowledge, and ensure availability of and adherence to ANC guidelines and job-aids for health facilities and CHWs. In ALL 10 regions.
Procure SP	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$240,000	Nationwide		Procurement of SP (1,000,000 million treatments).

**Subtotal : \$1,340,000****SBC**

SBC Implementation for Prevention	Accessible Continuum of Care and Essential Services Sustained (ACCESS)	\$500,000		Analanjirifo, Atsimo Andrefana, Atsinanana, Boeny, Diana, Melaky, Menabe, Sava, Sofia, Vatovavy Fitovinany	Support SBC for MIP at the health facility and community level in 10 regions.
-----------------------------------	--	-----------	--	--	---

**Subtotal : \$500,000****Total : \$1,840,000**

**CASE MANAGEMENT**

**Procure Case Management-Related Commodities**

Procure RDTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$1,080,000	Nationwide			Procure 2 million RDTs for malaria diagnosis.
Procure ACTs	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$460,000	Nationwide			Procure 1000,000 ACTs for malaria treatment.
Procure Drugs for Severe Malaria	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$221,000	Nationwide			Procure 100,000 vials of injectable artesunate.
Procure Other Diagnosis-Related Commodities	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$140,000	Nationwide			Procure lab supplies and reagents for national level (~\$50k) and 60 districts (~\$1.5k per district) to build laboratory capacity.
Procure Rectal Artesunate	Global Health Supply Chain Procurement and Supply Management (GHSC PSM) Malaria	\$20,379	Nationwide			Procurement of artesunate suppositories, 34,540 suppositories of 100mg (\$0.58 each) pre-referral treatments.

**Subtotal : \$1,921,379**

**Case Management Implementation**

Facility-based Case Management	Accessible Continuum of Care and Essential Services Sustained (ACCESS)	\$2,600,000		Analanjirifo, Atsimo Andrefana, Atsinanana, Boeny, Diana, Melaky, Menabe, Sava, Sofia, Vatovavy Fitovinany	Provide support to health facility staff for malaria case management, iCCM. Activities will include refresher training, reporting, stock management, supportive supervision of CHWs, and clinical outreach training and supportive supervision (OTSS). Activity will be co-funded by other USAID funding streams. In ALL 10 regions and based on data and availability of funding, facility will support in their catchment areas the proactive community case management (ProCCM), active case detection during outbreaks, and extension of fever management for all ages by CHVs.
Community-based Case Management	Accessible Continuum of Care and Essential Services Sustained (ACCESS)	\$2,450,000		Analanjirifo, Atsimo Andrefana, Atsinanana, Boeny, Diana, Melaky, Menabe, Sava, Sofia, Vatovavy Fitovinany	Provide support to CHW for malaria case management and iCCM. Activities will include refresher training, reporting, and stock management and active case detection for high-burden communes and not outbreak response (e.g., PECADOM). Activity will be co-funded with other USAID funding streams and supported in 10 regions.
Other Case Management Implementation	PMI Impact Malaria	\$300,000	Nationwide		Conduct supportive supervision and refresher training for laboratory technicians at the national, regional, and district level. The package also includes capacity assessment of districts hospital lab infrastructures, equipment and skills, as well as capacity building across the laboratory system and skills/responsibility transfer to NMCP to take over the lab support activities.
Other Case Management Implementation	PMI Impact Malaria	\$300,000			Antsirabe Ii, Antsiranana I Support comprehensive malaria elimination activities in up to 3 elimination districts, in accordance with the malaria elimination plan. The package also includes skills/responsibility transfer to NMCP to take over the lab support activities.
Other Case Management Implementation	Digital Square	\$187,500			Support the Coordinator's priority on cognitive diagnostics.

**Subtotal : \$5,837,500**

**SBC**

SBC Implementation for Case Management	Accessible Continuum of Care and Essential Services Sustained (ACCESS)	\$480,000		Analanjirifo, Atsimo Andrefana, Atsinanana, Boeny, Diana, Melaky, Menabe, Sava, Sofia, Vatovavy Fitovinany	Support SBC for case management to enhance early care seeking, and active case detection,
--	--	-----------	--	--	---

**Subtotal : \$480,000**

**Total : \$8,238,879**

**SUPPLY CHAIN**

**In-Country Supply Chain**

Warehousing and Distribution	Improving Market Partnerships and Access to Commodities Together (IMPACT)	\$700,000	Nationwide			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 Madagascar.
Pharmaceutical Management Systems Strengthening	Improving Market Partnerships and Access to Commodities Together (IMPACT)	\$900,000	Nationwide			Continued support for national and district level supervision, forecasting, and implementation of the LMIS, and technical assistance to the central supply chain unit.
Ensuring Drug and Other Health Product Quality	Improving Market Partnerships and Access to Commodities Together (IMPACT)	\$75,000	Nationwide			Implement end use verification (EUV) activities to assess malaria commodity stock status at health facilities.

**Subtotal : \$1,675,000**

**Total : \$1,675,000**

**MONITORING, EVALUATION & RESEARCH**

**Surveillance, Monitoring, and Evaluation**

Support Routine Surveillance	PMI MEASURE Malaria	\$800,000	Nationwide			Provide support to the NMCP to strengthen the RHIS. Activities will include data quality improvement, training, and supportive supervision.
Other SM&E Implementation	CIVIS	\$187,500	Nationwide			Support the development and implementation of M-DIVE, per the Coordinator's data priority.

**Subtotal : \$987,500**

**Total : \$987,500**

OTHER HEALTH SYSTEMS STRENGTHENING							
	Support to Peace Corps	Peace Corps	\$20,000	Nationwide			Support one, third year malaria Peace Corps Volunteer (~\$10k), in addition to funding small project assistance (SPA) grants (\$10k) to promote malaria activities.
	Support to Peace Corps	Accessible Continuum of Care and Essential Services Sustained (ACCESS)	\$20,000		Analanjirifo, Atsimo Andrefana, Atsinanana, Boeny, Diana, Melaky, Menabe, Sava, Sofia, Vatovavy Fitovinany		Continued support for a third year Peace Corps Malaria Volunteer embedded with a PMI implementing partner.
	Other Health Systems Strengthening Implementation	Institut Pasteur de Madagascar (IPM)/ Research, Innovation, Surveillance and Evaluation (RISE) Project	\$500,000			To Be Determined	Support the NMCP to analyze and investigate reported increases in cases in order to further refine malaria outbreak response and elimination plans and surveillance of malaria services needs and uptake among key populations. Funding may include training, analytical support, and field visits.
<b>Subtotal : \$540,000</b>							
<b>Total : \$540,000</b>							
STAFFING & ADMINISTRATION							
	Vector Control-Related CDC TDY	CDC IAA	\$29,000	Central			Two CDC TDYs to provide technical support for vector control activities.
	Case Management-Related CDC TDY	CDC IAA	\$20,000	Central			Two CDC TDY to provide technical support for case management activities.
	SM&E-Related CDC TDY	CDC IAA	\$10,000	Central			One CDC TDY to provide technical support for M&E activities.
	USAID In-Country Staffing and Administration: Staffing	USAID	\$820,000	Central			Staffing and administration for one PMI/USAID Resident Advisor, local support costs including ICASS for the PMI/CDC Resident Advisor and three 100% PMI-dedicated foreign service nationals (including the PMI Data Specialist position).
	USAID In-Country Staffing and Administration: Administration	USAID	\$357,500	Central			Support administrative and oversight costs.
	CDC In-Country Staffing and Administration	CDC IAA	\$285,000	Central			Staffing and administration for one PMI/CDC Resident Advisor.
<b>Subtotal : \$1,521,500</b>							
<b>Total : \$1,521,500</b>							
<b>GRAND TOTAL:</b>			<b>\$25,000,000</b>				