

Table 2
President's Malaria Initiative - Ghana
Planned Obligations for FY14 (Revised 14 September 2016)

Activity	Mechanism	Budget		Geographic Area	Description
		Total	Commodities		
ITNs					
Procure and transport LLINs	DELIVER	\$1,500,000		National	Procure a minimum of 300,000 LLINs at \$5 per LLIN (estimated 8% of national need) to replace expired LLINs and to maintain LLIN universal coverage. Budget includes transportation of LLINs to distribution points.
LLIN distribution and supply chain	DELIVER	\$300,000		National	Provide technical assistance to GHS, GES, and other stakeholders to strengthen routine LLIN distribution planning, logistics, supply chain management, training, and end-user distribution systems. Second ITN distribution experts to GHS. Conduct assessments of net distribution as appropriate. Reprogramming #1: \$770k budget increase
	VectorWorks	\$970,000			
	G2G: GHS and Ghana Education Service	\$0		National	
BCC and community mobilization to promote LLIN ownership and use	Communicate for Health	\$150,000		National	Support the development and implementation of communications activities to promote LLIN ownership and use, employing an evidence-based approach.. Support community mobilization, radio and television spots, and communications materials. Focus on net care and misperceptions about use. Provide technical assistance to the NMCP and the National Malaria Communications Committee, and SHEP.
	VectorWorks	\$350,000			
SUBTOTAL ITNs		\$3,270,000			
IRS					
Indoor Residual Spraying	IQC TO4	\$4,700,000		TBD	In collaboration with GHS, and with continued focus on capacity building, support IRS implementation and programmatic evaluation in targeted districts. Districts will selected by December 2013 for optimal IRS impact on morbidity. Targeting will be based on the recommendations of the ongoing national Scoping Exercise, as well as epidemiologic and entomologic monitoring data from PMI and AGA/Global Fund IRS programs. Encompasses entomological monitoring and limited epidemiologic monitoring, spray operations, data collection, environmental assessment and compliance monitoring, BCC activities including community mobilization, and logistics support.
TA to support entomological monitoring for IRS	CDC	\$34,000		Northern Region and National	Technical assistance and quality assurance for entomologic monitoring, including insecticide resistance management. Budget includes 2 entomology visits plus equipment and supplies.
SUBTOTAL IRS		\$4,734,000			
Malaria in Pregnancy					
Strengthen ANC services and in-service training	Systems for Health	\$540,000		5 Regions	Support the GHS to further improve HCW/health system capacity to effectively deliver a package of malaria prevention and care services to pregnant women. PMI support will focus on supportive supervision, on-site training as needed, quality improvement to increase HCW administration of all three IPTp doses, and support for implementing updated GHS guidance.

Support pre-service training	MACS	\$300,000		National	Provide technical pre-service training for nurses, midwives, and medical assistants in prevention of MIP.
Support BCC to promote IPTp	Systems for Health	\$100,000		5 Regions	Support the distribution and use of communications materials to improve administration of IPTp by healthcare workers. Support community mobilization and communications materials (print and mass media) to promote IPTp with a particular focus on geographic areas and/or cultural groups with low IPTp rates.
	Communicate for Health	\$200,000		5 Regions	
SUBTOTAL MIP		\$1,140,000			
Case Management – Diagnosis					
Procure RDTs and other lab supplies	DELIVER	\$3,400,000		National	Procure approximately 5,833,000 RDTs (approximately \$0.60/RDT) to meet 40-50% of national RDT need and to procure limited microscopes and microscopy kits to fill gaps.
Strengthen quality of microscopy and RDT use at Laboratory level	MalariaCare	\$200,000		National	Support continued quality improvements to malaria microscopy at the laboratory level, building upon and scaling up the successful OTSS program. Provide
	G2G: GHS CLU	\$0			
Scale up RDT use in Clinical Settings	Systems for Health	\$500,000		5 Regions	Collaborate with GHS/NMCP to achieve high rates of parasitological testing, with focus on scaling up RDT use in clinical settings. Accelerate efforts to identify and remove operational, financial and policy barriers to increased RDT
	MalariaCare	\$750,000		National	
TA for diagnostics	CDC	\$12,000		National	Provide technical assistance for microscopy QA and to realize full potential of RDTs at all levels
SUBTOTAL Case Management Diagnosis		\$4,862,000			
Case Management – Treatment					
Procure malaria medication	DELIVER	\$7,650,000		National	Procure ACTs in quantities sufficient to cover pediatric ACT requirements. Secondly, procure adult ACT formulations, rectal artesunate, severe malaria drugs, and SP for IPTp as necessary to fill gaps and prevent stockouts.
Support pre-service training	MACS	\$265,000		National	Support pre-service training for general nurses, midwives, and medical assistants to improve competencies in knowledge, skills, and practices for malaria diagnosis and case management in compliance with GHS guidelines and protocols. Support implementation of revised school curricula. Develop training for managing cases with negative malaria test results.
	MalariaCare	\$290,000		National	Support pre-service and/or Continuing Medical Education training for physicians and revision of medical school curricula to improve competencies in knowledge, skills, and practices for malaria diagnosis and case management in compliance with GHS guidelines and protocols. Fill gaps in other pre-service training as appropriate.
TA to Improve Malaria Case Management at Health Facilities	G2G	\$0		5 regions	Provide financial support to GHS regional and districts teams to promote improved malaria case management. Focus on implementing supportive supervision and incentivizing health care providers. Nation-wide TA.
	MalariaCare	\$730,000		National level and 5 regions	Collaborate with GHS to improve compliance with national guidelines for management of uncomplicated and severe malaria in health facilities. Provide technical assistance for supportive supervision, on-the job and class room training, and quality improvement among HCWs, with an emphasis on CHPS staff. Promote provider adherence to test results.
	Systems for Health	\$646,832		5 regions	Reprogramming Request Memo 2016 (Aug): Systems for Health budget for activity increased to \$646,832

Support Licensed Chemical Sellers & Pharmacies	SHOPS	\$400,000		National	Support activities to build LCS and pharmacists capacity for and compliance with GHS malaria diagnosis, treatment and referral guidelines. Address issues related to for-profit, business motivations to comply with GHS guidelines. Support LCS to achieve NHIA accreditation, with emphasis on geographic areas with gaps in NHIS coverage.
Support BCC to improve malaria-related care/treatment seeking behavior	Communicate for Health	\$300,000		National	Support community mobilization and improved demand for case management to promote correct and consistent use of ACTs and confirmatory testing, targeting the general public. The importance of testing before treating will receive increased emphasis in urban areas. Integrate activities with MCH activities as appropriate. Provide technical assistance to GHS (NMCP, NMCC, and HPU).
Support clinical/financial audits	NHIA				Support NHIA to implement clinical audits to confirm clinical compliance with GHS malaria diagnosis and case management guidelines . NHIA emphasis on confirmatory testing to accompany majority of malaria treatment reimbursements.
SUBTOTAL Case Management Treatment		\$10,281,832			
SUBTOTAL Case Management		\$15,143,832			
Capacity Building and Health System Strengthening					
Strengthen logistics and supply chain systems	DELIVER	\$550,000		National	Provide technical assistance for strengthening logistics/supply chain to improve availability of malaria commodities including SP, RDTs, and other commodities. Activities will focus on addressing bottlenecks in finance, management, forecasting, transportation and reporting systems. Support end use verification activities. Implement Supply Chain Master Plan to reform health commodity procurement and supply.
Strengthen drug quality monitoring capacity	U.S. Pharmacopeia	\$200,000		National	Support the strengthening of anti-malaria drug quality monitoring in collaboration with the Ghana FDA. Consolidate the recent expansion of the post-market surveillance Support increased enforcement capacity and education. to heighten responsiveness to counterfeit and substandard medicines.
Build management capacity at NMCP, GHS and other GOG partners	Malaria care	\$100,000		National	Continue to provide support to the NMCP, GHS, and GOG for technical capacity building and improved malaria control systems. Support limited IT investments to enhance malaria program management.
Long term Training – Field Epidemiology and Laboratory Training Program	CDC	\$150,000		National	Continue to support long term training of two individuals from GHS/NMCP in epidemiology, surveillance, monitoring and evaluation. To be implemented as a “malaria track” imbedded in FELTP program at the University of Ghana.
Assure mass access to appropriate malaria treatment through National Health Insurance	HFG	\$395,000		National	Provide technical assistance to assure mass access to appropriate malaria treatment through NHIA program. Claims management. Sustainability. Capitation. This activity is co-funded by other USAID health elements.
Develop communications to promote enrollment in NHIA	G2G NHIA Communications	\$200,000			Promote active enrollment in NHIA and access to NHIA-accredited facilities among the general population, with a focus on high burden rural areas.
Strengthen Civil Society Role in Malaria Advocacy	People for Health	\$200,000		National	Build the capacity of local Ghanaian NGOs and CSOs to monitor the quality and ease of access to malaria testing and treatment services. Strengthen community structures for advocating for patients’ rights and client-centered care. Emphasize public access to quality ACTs and diagnostics. This is activity is co-funded by other USAID health elements.

Support to Peace Corps malaria volunteers	Peace Corps SPA	\$20,000			Support Peace Corps' Stomping Out Malaria in Africa Initiative and third year Peace Corps volunteers focusing on community-based malaria prevention and control.
Support to WHO Coordination Efforts	WHO Umbrella Agreement	\$60,000			Support activities coordinated by WHO's National Professional Officer (NPO) in a range of technical and strategic areas, such as strengthening monitoring and evaluation activities, the implementation of integrated community case management (iCCM), and pharmacovigilance issues.
SUBTOTAL Capacity Building and Health Systems Strengthening		\$1,875,000			
Monitoring and Evaluation					
Strengthen Routine M&E Systems	MalariaCare	\$265,000		National level and 5 regions	Support GHS/NMCP to strengthen routine systems for malaria M&E, including training district and regional staff on data collection, analysis and reporting; and limited computer hardware and software to fill gaps. Support strengthening the quality of malaria data.. Support GHS and NMCP stakeholders to perform assessment of routinely collected malaria data., assessment and use. Nationwide TA.
	Systems for Health Project	\$150,000		5 regions	Support GHS/ at regional level to strengthen routine systems for malaria M&E, including training district and regional staff on data collection, analysis and reporting; and limited computer hardware and software to fill gaps. Support strengthening the quality of malaria data.. MIP
National insecticide resistance and entomological database development	AIRS TO7	\$50,000		National	Support the development of a national entomological database to be used by all vector control partners in Ghana. Noguchi will serve as the secretariat for the databased.
Conduct DHMIS2 data verification and validation evaluation	Evaluate for Health	\$0		National	Support a DHMIS2 data verification and validation evaluation with particular attention to data quality and the facility-level and district-level. The results of the evaluation be used to inform future routine M&E system strengthening activities conduct. Reprogramming Request Memo 2016 (Aug): activity cancelled
Technical assistance	CDC	\$24,000		National	Support for technical assistance from the CDC PMI M&E team.
SUBTOTAL M&E		\$489,000			
Operations Research					
SUBTOTAL Operations Research		\$0			
Staff and Administration					
In-country staff and administrative expenses	USAID Ghana	\$885,000			Coordination and management of all in-country PMI activities including staff salaries and benefits. Includes posting of one USAID and one CDC resident advisor to Accra.
	CDC IAA	\$463,168			Reprogramming Request Memo 2016 (Aug): USAID Ghana staffing and administration reduced to \$885,000
SUBTOTAL In-Country Staff		\$1,348,168			
GRAND TOTAL		\$28,000,000			