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**TB CARE I**

# **TB CARE I -Mozambique**

**Year 3  
Quarterly Report  
April - June 2013**

**July 30, 2013**

## Quarterly Overview

<b>Reporting Country</b>	<b>Mozambique</b>
<b>Lead Partner</b>	<b>FHI360</b>
<b>Collaborating Partners</b>	<b>MSH, WHO, KNCV</b>
<b>Date Report Sent</b>	
<b>From</b>	Dário Sacur
<b>To</b>	USAID Mission, Alfredo McArthur
<b>Reporting Period</b>	<b>April - June 2013</b>

<b>Technical Areas</b>	<b>% Completion</b>
1. Universal and Early Access	64%
2. Laboratories	64%
3. Infection Control	100%
4. PMDT	56%
5. TB/HIV	50%
6. Health Systems Strengthening	54%
7. M&E, OR and Surveillance	30%
8. Drug supply and management	35%
<b>Overall work plan completion</b>	<b>57%</b>

### Most Significant Achievements

#### TUBERCULOSIS

##### Universal Access:

Four prisons (3 regional and 1 provincial - Niassa) were visited to assess TB control mechanisms in place; information collected will be used to strengthen TB interventions & strategies in prisons nationwide. During the visits, the teams interacted with health representatives from all the prisons, worked at health units within prisons and visited cells of prisoners. Activities related to general education, hygiene, awareness on TB and HIV issues were assessed and discussed. Infection control measures were also part of the focus.

75 new community based volunteers and 22 traditional healers were trained in CB DOTS, suspect identification, and referral system. CB DOTS trained community health workers (CHWs) referred a total of 7,292 TB suspects and 7,186 malaria suspects. An additional 637 contacts of TB patients were also referred to health facilities. About 19% (1,386/7,292) of the referred TB suspects were diagnosed with TB (all forms) of which 77% (1,061/1,386) were SS+ cases, 283 (20%) were SS-, and 42 (3%) were classified as having extra-pulmonary TB. Out of the 1,386 confirmed TB cases, 184 were HIV+ representing a co-infection rate of 13.2%. Compared to last quarter figures, an increase of 3% and 9% has been registered for new TB cases diagnosed and new SS+ cases diagnosed, respectively. For malaria cases, 3,492 positive cases were diagnosed out of the total 7,186, representing 48.6% in case identification.

##### Laboratory:

41 lab technicians (3 female) were trained in LED use and maintenance in the central and northern region of the country. A total of 50 lab technicians have been trained in LED during this year. The training focused on laboratory techniques in TB diagnosis, bio-safety, and lab management, and included some practice on slide staining using Auramine O.

Follow-up on the implementation of the lab quality improvement project was conducted. NTP/TB CARE I technical visits were conducted in 5 laboratories in Zambezia Province to assess implementation of TB quality lab diagnosis after the first training and subsequent visits (quarterly) have been programmed until preliminary results of the lab quality improvement project are obtained.

##### PMDT:

The KNCV PMDT technical advisor (Vincent Kuyvenhoven) visited the project and provided assistance to NTP in revision and updating of M&E tools, MDR TB data base and the Manual for the treatment and care of DR-TB patients. The DR TB supervision checklist was developed and tested in two provinces of Zambezia and Maputo during supervision visits. The checklist is being reviewed and adapted and will be used for all subsequent DR-TB supervision visits. The PMDT national strategy was finalized and submitted for approval, and the PMDT Operational plan and budget will soon be completed as part of the process.

##### Health System Strengthening:

The TB CARE I annual meeting was held June 2013, and participants included 7 NTP provincial supervisors, 11 implementing agencies' representatives, 13 TB CARE I staff (FHI360, MSH & WHO) and 2 MOH central

level staff. The meeting was an opportunity to bring together major TB stakeholders from the TB CARE I target provinces to discuss and formulate common strategies to mitigate the spread of TB as well as guarantee timely diagnosis and successful treatment outcomes. The meeting lasted 3 days and meeting notes have been drafted and shared with MOH central and provincial representatives. The TB CARE I project supported the participation of 2 NTP staff members (the NTP Manager and the MDR TB focal point) in the Sondalo DR TB training.

**M&E, OR & Surveillance:**

Data collection for the KAP study has been completed, data analysis is ongoing, and preliminary results are expected by the end of July 2013.

**Drug Management:**

A one week short-term technical assistance visit was made by an MSH drug consultant (Samuel Kinyanjui) to provide assistance to the NTP in forecasting and quantification. Using the TB morbidity for calculation, and assuming a lead time of 6 months and a buffer of 100%, the projected TB morbidity was estimated at 6%, 9% and 9% for 2013, 2014 and 2015 respectively, and \$1,978,489 would be required for TB drugs for the 2013/14 period, \$5,537,929 for 2014/15, and \$6,331,021 for 2015/16.

**MALARIA**

Two malaria integrated visits (laboratory & clinical) were conducted in two provinces (Cabo Delgado and Tete). Eight districts were visited, and health clinicians and laboratory technicians received on-the job training in the preparation and administration of parenteral artesunate. For the first time findings and recommendations have been compiled in electronic form based on the approved supervision manual. Compilation of findings in the electronic data will facilitate documentation, follow up and future referencing.

**Overall work plan implementation status**

Implementation is currently at 57% with a projected implementation status of between 90 and 95% by end of September 2013.

**Technical and administrative challenges**

High staff turnover at NTP - 3 central level senior NTP staff left in the previous 4 months, including the NTP manager, meaning new staff have been recruited, and some positions are yet to be filled. Institutional memory is lost as well as previous capacity-strengthening investments, and a lot of time is needed to build capacity of the new staff.

**In-country Global Fund status and update**

Mozambique GF funding (round 7) support ended in June 2013. The proposal for Transitional Funding Mechanism (TFM) has been approved for incremental funding for 2 years with a total proposal award of \$8 million starting July 2013. The main grant focus is procurement of TB drugs. The Mozambican Ministry of Health is the principal recipient and the country coordinating mechanism (CCM) will provide support. TB CARE I Mozambique is part of the CCM.

## Quarterly Activity Plan Report

1. Universal and Early Access			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
1.1 Increased demand for and use of high quality TB services and improve the satisfaction with TB services provided (Population/Patient Centered Approach)	1.1.1	Expand CB DOTS coverage to 5 new districts	FHI360	1,362,250	100%	Dec	2012	Expansion to 5 new districts completed in Q1
	1.1.2	25 TB CARE I districts implementing PCA tools	FHI360	12,730	100%	Jul	2013	Training of CB DOTS staff to be involved in the Patient Centered Approach (PCA) expansion phase completed with 7 agencies being involved. Materials will be produced next quarter. Endline PCA report is being compiled.
	1.1.3	World TB day commemorated	FHI360	11,301	100%	Mar	2013	Support provided to NTP in the commemoration of the World TB day. The project produced 1,000 T/shirts and caps which were distributed to all TB CARE I provinces. The central ceremonies which took place in Nampula Province were marked by the official inauguration of the Nampula TB Reference laboratory by the Vice-Minister of Health. This reference laboratory will serve the northern region of Mozambique as well as part of Zambezia province, thus covering about 50% of the national population. High level delegates from Mozambique MOH, USAID, CDC, and TB CARE I, and representatives from other partner organizations (including civil society organizations) participated in the ceremonies.
	1.1.4	Advocacy Communication and Social Mobilization (ACSM) IEC materials produced and distributed to all 11 provinces	FHI360	5,196	25%	Aug	2013	Implementation of the KAP study in progress as well as development of the ACSM National strategy. The results from the KAP study and the finalized ACSM strategy will be vital in the development of the IEC materials. Activity to be completed in Q4
	1.1.5	ACSM national strategy finalized	FHI360	87,629	50%	Aug	2013	Follow up conducted on developed ACSM provincial plans. Four provinces visited and six more provinces will be visited by end of APA3. Targets were reviewed and updated. Evaluation of the plans indicate around 25-30% of the activities have been completed. Strategy to be finalized in Q4.

	<b>1.1.6</b>	APA2 carry over activity: IEC materials developed for malaria	FHI360	103,920	 100%	Jun	2013	The Malaria Advocacy and Communication Strategy was developed and approved with TB CARE I support. After approval, 400 copies of the strategy were reproduced in close coordination with NMCP and WHO.
	<b>1.1.7</b>	APA2 carry over activity: CB-DOTS expansion	FHI360	293,957	 100%	Dec	2012	Concluded in Q1
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
1.2 Increased quality of TB services delivered among all care providers (Supply)	<b>1.2.1</b>	80% of health facilities with trained clinicians in TB diagnosis and treatment including TB in Children	FHI360	9,132	 0%	Jun	2013	Planned for Q4 (September)
	<b>1.2.2</b>	DOTS services expanded to 3 regional prisons, 1 refugee camp and 1 migrant worker company	FHI360	3,092	 100%	Jun	2013	Four prisons (3 regional and one provincial) were visited to assess TB control mechanisms in place and information collected will be used to strengthen TB interventions in prisons nationwide. Technical assistance was provided through KNCV. Intervention strategy has been developed and implementation will be in APA4.
	<b>1.2.3</b>	Nurses trained in TB screening in PMTCT settings	FHI360	2,052	 25%	Sep	2013	Planning has been completed to train 12 nurses in 4 health facilities in close coordination with NTP Niassa province and CHASS Niassa project. Training scheduled for second week of July 2013.
	<b>1.2.4</b>	22 clinicians trained in pediatric TB	FHI360	32,374	 25%	Jun	2013	Training manual finalized and approved. Printing of training materials in progress and training sites and facilitators identified.
	<b>1.2.5</b>	APA2 carry over activity: Increased demand for and use of high quality TB services	FHI360	159,079	 25%	Jun	2013	Bidding process opened and supplier selected for the printing exercise. To be completed by August 2013. Printing, distribution and dissemination of IEC materials is part of a broader BCC strategy aimed at increasing the demand and use of TB services.
	<b>1.2.6</b>	APA2 carry over activity: MDR TB pre-service training curricula finalized	FHI360	28,838	Cancelled	Jun	2013	Activity will not be completed due to difficulties in identifying a consultant to review and adapt the training materials. To be cancelled in the Q3 MOT
	<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>
1.3 Reduced patient and service delivery delays	<b>1.3.1</b>	Implement a health facility based ICF strategy	MSH	44,229	 50%	Sep	2013	MSH recruited a TB advisor to lead implementation of this activity as well as its expansion. Health facility SOPs updated and will be piloted in selected 3 health facilities in Gaza province for adaptation purposes.

(Timing)	<b>1.3.2</b>	APA2 carry over activity: Strengthened TB diagnosis among	FHI360	38,970	100%	May	2013	Procurement of Tuberculin completed. 1500 bottles of 2ml to be distributed nationwide.
					64%			

<b>2. Laboratories</b>								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	<b>2.1.1</b>	Translate and print the guideline for Laboratory reagents and supplies distribution	FHI360	15,588	100%	Jun	2013	Translation of the manual and reproduction completed. Manual used in the ToT training done this quarter
	<b>2.1.2</b>	Training of laboratory technicians from the national reference laboratory (TOT training)	MSH	31,991	100%	Jun	2013	22 lab technicians (4 females and 18 males) participated in a 5 day TOT workshop in AFB Microscopy, Bio-safety and QA. Training was led by MSH Lab consultants (Grace Kahenya and Maria Alice Telles). The trained technicians will be actively involved in the step-wise training scheduled for Q4.
	<b>2.1.3</b>	Training of laboratory technicians from the national reference laboratory. Step down training	FHI360	75,433	25%	Sep	2013	Training plan developed in coordination with NTP and has been approved by TB CARE I
	<b>2.1.4</b>	TB CARE I supported laboratories performing quality assured AFB smear microscopy.	FHI360	13,055	75%	Sep	2013	Follow up supervision visit conducted in June 2013. The team consisting of NTP central staff/TB CARE I & Provincial Lab supervisors visited 5 labs supported by the project. All trained technicians were visited. Subsequent quarterly supervision visits have been programmed and will be carried-out until preliminary results are obtained.
	<b>2.1.5</b>	Annual QA meetings conducted in 3 TB CARE I target provinces and 1 National annual TB lab meeting held	FHI360	69,984	100%	Sep	2013	Planned for Q4
	<b>2.1.6</b>	Training of MOH central and provincial staff to ensure no stock out of TB laboratory reagents.	FHI360	28,344	0%	Sep	2013	Planned for Q4
	<b>2.1.7</b>	APA2 carry over activity: Training of lab technicians (malaria)	FHI360	6,495	100%	Dec	2012	Concluded in Q1
	<b>2.1.8</b>	APA2 carry over activity: Malaria laboratory supervision visits conducted	FHI360	24,000	100%	Sep	2013	2 Integrated (central & Provincial level) supervision visits conducted in Cabo Delgado and Tete provinces.
	<b>2.1.9</b>	APA2 carry over activity: Training of lab technicians	MSH	12,592	0%	Sep	2013	Activity to be completed first week of August. Dr. Grace Kayenya will provide technical assistance

Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
2.2 Ensured the availability and quality of technical assistance and services	2.2.1	Technicians trained in microscopy servicing from all provinces.	FHI360	30,197	25%	Sep	2013	Training plan approved. Facilitators identified and start date scheduled for July 15
	2.2.2	Culture and DST Lab equipment from the 2 (Maputo RL and Beira RL ) reference labs functioning	FHI360	38,970	50%	Sep	2013	Public bidding completed and selection done. Process sent for approval
	2.2.3	Laboratory supervisions visits conducted in 7 TB CARE I provinces + 2 visits to GeneXpert sites	FHI360	49,219	25%	Sep	2013	Supervision carried out in one province with 3 more to be done in Q4. Two teams to be created to cover all provinces by September including site visits.
	2.2.4	APA2 carry over activity: TA for reference labs	MSH	33,990	100%	Sep	2013	Technical assistance visits provided by Grace Kahenya and Maria Alice Telles for the functioning of the reference laboratories.
	2.2.5	MOH staff trained in GeneXpert Algorithm and suspect selection for	FHI360	12,198	100%	Dec	2012	Concluded in Q1
	2.2.6	Lab technicians trained in LED microscopy	FHI360	37,805	100%	Mar	2013	For this quarter 41 lab technicians (3 females & 38 males) trained from the central and northern Region. Total trained is now 50 (5 females and 45 males). The training is the last for the last batch of LED microscopes received.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
2.3 Ensured optimal use of new approaches for laboratory confirmation of TB and incorporation of these approaches in national strategic laboratory plans	2.3.1	TB CARE I GeneXpert machines functioning	FHI360	26,500	100%	Sep	2013	150 cartridges procured and distributed to 3 TB CARE I GeneXpert sites
	2.3.2	Establish a specimen referral system and feedback of results in selected sites for piloting purposes.	FHI360	11,691	0%	Sep	2013	To be completed in Q4
	2.3.3	APA2 carry over activity: Guidelines for QA for TB	FHI360	12,990	50%	Sep	2013	The guidelines have been approved and will be printed for distribution to all provinces.
					64%			

3. Infection Control					Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget		Month	Year	
3.2 Scaled-up implementation of TB-IC strategies	3.2.1	Printing and distribution of 1.000 IC checklist	FHI360	12,990	100%	Jul	2013	Materials reproduced and distributed to all provinces
	3.2.2	Conduct TB Infection control at the community level	FHI360	34,792	100%	Sep	2013	The project also supported two training workshops on the use of the TB IC checklist developed under TB CARE I by FHI360. One workshop was held in Maputo and a second workshop was held in Nampula province. Both workshops were led by Stella Kirkendale - FHI360 Senior Technical Officer (Integrated Health Sciences) and co-facilitated by NTP and TB CARE I staff. The Maputo training was designed mainly for TB managers from implementing agencies and NTP and 20 people (2 females and 18 males) participated. The Nampula training was tailored towards district level supervisors and NTP staff working in health facilities and 25 people (7 females and 25 males) participated.
	3.2.3	APA2 carry over activity: Scaled-up implementation of TB-IC strategies	FHI360	18,829	100%	Mar	2013	Completed in Q1
					100%			

4. PMDT					Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget		Month	Year	
4.1 Improved treatment success of MDR TB	4.1.1	20 MDR TB and clinicians from 11 provinces trained in MDR TB	FHI360	60,407	0%	Sep	2013	To be completed in Q4
	4.1.2	3 regional teams created to conduct MDR TB supervision in TB CARE I provinces	FHI360	36,068	100%	Sep	2013	Short term technical visit provided by Vincent Kuyvenhoven for PMDT. 2 DR TB supervision visits conducted in two sites of Zambezia and Maputo provinces.
	4.1.3	Improved conditions at Machava Hospital	FHI360	58,455	Cancelled	Sep	2013	Activity cancelled through QMR1 MOT submitted
	4.1.4	MOH staff participate in one international workshop on DR TB.	FHI360	12,392	25%	Sep	2013	MOH approval received for the participation of 2 MOH staff in the July Rwanda DR TB training. Registration has been completed

	<b>4.1.5</b>	Print and distribute MDR TB registration forms to all 11 provinces	FHI360	5,196	100%	Jun	2013	Registers, patient cards and referral forms printed and distributed
	<b>4.1.6</b>	APA2 carry over activity: Pre-service training in MDR	FHI360	7,669	Cancelled	Sep	2013	Activity cancelled through QMR1 MOT submitted
	<b>4.1.7</b>	APA2 carry over activity: Improved conditions for MDR TB patients at Machava TB hospital	FHI360	47,475	Cancelled	Sep	2013	Activity cancelled through QMR1 MOT submitted
					56%			

<b>5. TB/HIV</b>								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
5.1 Strengthened prevention of TB/HIV co-infection	<b>5.1.1</b>	Quarterly TB/HIV TASKFORCE meetings conducted	FHI360	17,084	75%	Sep	2013	The project supported three quarterly taskforce meetings in Zambezia, Gaza, Manica and Niassa provinces. NTP indicators were discussed and analyzed. The functioning of the GeneXpert was also evaluated at the meetings held in Gaza, Niassa and Zambezia provinces.
	<b>5.1.2</b>	Clinical staff trained in TB/HIV	FHI360	88,683	25%	Sep	2013	Training plan has been elaborated and approved by TB CARE I. Training to be conducted in four provinces beginning in July 2013
					50%			

<b>6. Health Systems Strengthening</b>								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
6.2 TB control components (drug supply and management, laboratories, community care, HRD and M&E)	<b>6.2.1</b>	Conduct TB CARE I/NTP integrated visits	FHI360	58,889	75%	Sep	2013	Three NTP supervision visits were conducted during this quarter in Gaza, Tete and Zambezia. Thus, the total number of supervision visits completed to date is 5 out of 7 planned.
	<b>6.2.2</b>	Train provincial Supervisors and their deputies in M & E	WHO	15,797	0%	Sep	2013	Programmed for second week of September 2013
	<b>6.2.3</b>	Continue to support to NTP in contracting new and maintaining already hired staff (budgeted under S & O)	WHO		75%	Sep	2013	Support is being provided by one National Program Officer (NPO) officer who has been contracted to provide technical support to the NTP

form an integral part of national plans, strategies and service delivery

<b>6.2.4</b>	Conduct TB CARE I site visits	FHI360	39,827	 50%	Sep	2013	Program supervision visits done in Niassa and Gaza. Continued support provided by contracted TB CARE I provincial officer to CB DOTS implementing partners in 3 provinces (Zambezia, Gaza and Nampula).
<b>6.2.5</b>	Proposal to make funding of the NTP more sustainable	KNCV	48,620	 100%	Sep	2013	Shared as part of the TB CARE I core projects, Dr. Bert Schreuder (KNCV Consultant) visited Mozambique to develop a plan of action to make the financing of the TB services in Mozambique more sustainable. The consultant visited the provinces of Gaza, Nampula and Cabo Delgado to assess the various funding mechanisms used by NTP and other health programs. He also met with provincial directors of health, implementing partners, and major funders (CDC, USAID, GF). A draft proposal was prepared and shared with MOH and partners. The proposal is currently under review.
<b>6.2.6</b>	Strengthen involvement of implementing partners in TB control	FHI360	12,418	 100%	Jul	2013	The TB CARE I annual meeting was held June 2013 and included the participation of 7 NTP Provincial Supervisors, 11 implementing agencies representatives, 13 TB CARE I staff (FHI360, MSH & WHO) and 2 MOH central level staff. The meeting was an opportunity to bring together major TB stakeholders from the TB CARE I target provinces to discuss and formulate common strategies to mitigate the spread of TB and ensure timely diagnosis and successful treatment outcomes. The meeting lasted 3 days. Meeting notes were drafted and shared with MOH officials at central and provincial levels.
<b>6.2.7</b>	Participation in international events	FHI360	28,329	 100%	Sep	2013	2 MOH staff participated in the SONDALO DR TB training with TB CARE I support.
<b>6.2.8</b>	APA2 carry over activity: Participation in international events	FHI360	13,224	 100%	Nov	2012	Concluded in Q1
<b>6.2.9</b>	APA2 carry over activity: upgrade the NTP M & E department data reporting system	FHI360	79,042	 75%	Mar	2013	Twelve servers (11 to be installed at provincial level and one at central level) have been procured. Plans for installation have been developed and installation is scheduled to begin in July.

	<b>6.2.10</b>	Finalize and obtain approval for APA2 carry over activity: NTP Strategic Plan (2013-17)	FHI360	18,498	 75%	Mar	2013	Two meetings were held in October and November to finalize the NTP Strategic Plan (NTPSP). The November meeting was attended by the TB in Mines Coordinator, and a chapter on TB in mines was added to the NTPSP. Technical working groups were created as part of the finalization process.
	<b>6.2.11</b>	APA2 carry over activity: provide technical support at provincial level	WHO	2,192	 50%	Sep	2013	The WHO NPO conducted a supervision visit to Nampula jointly with NTP, USAID and FHI360.
	<b>6.2.12</b>	APA2 carry over activity: Office Expenses at provincial level	WHO	11,001	 0%	Jun	2013	Completion of this activity has been significantly delayed. A meeting was scheduled with NTP manager to discuss possibility of cancelling/revising activity and realigning funds for other priority activity.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
6.3 MALARIA Ensured availability and quality of technical assistance and services at both health facility and community level	<b>6.3.1</b>	Implement QA system in all districts.	FHI360	132,186	 25%	Sep	2013	Plan developed and implementation will be in Q4
	<b>6.3.2</b>	Strengthen NMCP human resource capacity  (budgeted under S & O)	FHI360		 75%	Sep	2013	A Lab Officer and a Malaria Coordinator have been contracted.
	<b>6.3.3</b>	Train provincial and district level M & E focal persons in M & E	FHI360	80,980	 0%	Sep	2013	To be completed in Q4. Contacts with provincial level malaria departments initiated.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
6.4 MALARIA Ensured capacity, availability and quality of laboratory testing to support malaria diagnosis including	<b>6.4.1</b>	Procure laboratory reagents and consumables	FHI360	49,947	 75%	Sep	2013	The bidding process for the supply of reagents and consumables is completed and a supplier has been identified. Procurement is underway.

Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
6.5 MALARIA Increased demand for malaria services at both health facility and community level	6.5.1	Conduct BCC regional workshops	FHI360	73,157	 25%	Sep	2013	The Malaria Communication Strategic plan has been finalized and will be disseminated in the BCC workshops. The dissemination has been developed by the NMCP/DEPROS and will start in Maputo in June 2013 .
	6.5.2	Participate in the activities to commemorate World Malaria Day and SADC Malaria Day	FHI360	23,200	 100%	Apr	2013	Support provided to commemorate the SADC Malaria and World Malaria day celebrations. T/shirts, banners & stickers were produced by the project and distributed during the commemorations.
	6.5.5	Produce and air BCC IEC materials	FHI360	171,468	 25%	Sep	2013	First contacts have been established with production companies for the production of media spots.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
6.6 MALARIA Increased capacity in M & E system at all levels	6.6.1	Conduct malaria laboratory supervision visits	FHI360	85,329	 25%	Sep	2013	Supervision plan has been completed. A supervision database has been created based on the supervision manual. Central level supervisors have been trained and remaining 5 provinces to be completed in Q4.
	6.6.2	Conduct malaria clinical supervision visits	FHI360	87,077	 25%	Sep	2013	Supervision plan has been completed. A supervision data base has been created based on the supervision manual. Central level supervisors have been trained and remaining 5 provinces to be completed in Q4 .
	6.6.3	Provide operational assistance to the NMCP	FHI360	8,573	 75%	Sep	2013	Costs are paid monthly and have been paid until June 2013.
	6.6.4	Participation of NMCP M&E focal person in international events	FHI360	13,562	 0%	Sep	2013	The M&E Officer has been recently contracted. Opportunities will be looked at for further capacity building.
					 54%			

7. M&E, OR and Surveillance								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
7.2 Improved capacity of NTPs to analyze and use quality data for the management of the TB program	7.2.1	CB DOTS Implementing agencies reporting valid and quality data to the TB CARE I project	FHI360	17,017	50%	Sep	2013	Data quality assistance visits conducted in Niassa and Sofala provinces and 5 CB DOTS implementing partners supported. The visits were led by the FHI360 DQA Officer and TB CARE I program officer. Findings were shared during the TB CARE I annual meetings to improve the quality of data collection, analysis and reporting in the project.
	7.2.2	Capacity of NTP M & E staff strengthened to analyze and use quality data for the TB program	WHO	10,396	Cancelled	Sep	2013	Activity cancelled. Capacity building activity to be included in activity 6.2.2.
	7.2.3	Print and support M & E tools to support NTP data collection and use.	WHO	4,661	0%	Sep	2013	Finalization and approval of revised data collection instruments still pending. Expected to be completed in Q4.
	7.2.4	Revise and finalize NTP M&E tools	KNCV	26,224	0%	Sep	2013	TA visit planned for August 2013
	7.2.5	APA2 carry over activity: Consultant to support NMCP M & E department (FHI/CDC/WHO/KNCV)	FHI360	20,000	25%	Mar	2013	Reference terms for the consultant who will support the NMCP M&E department have been finalized and potential candidates identified. Activities to take place in June 2013.
	7.2.6	APA carry over activity: Office Expenses at National level	WHO	3,667	75%	Sep	2013	One computer purchased. Continued support to the NTP provided through provision of office stationary.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
7.3 Improved capacity of NTPs to perform operations research	7.3.1	National research agenda finalized	WHO	7,774	0%	Sep	2013	Meeting scheduled for Q4
	7.3.2	Technical visit to prepare for the conduct of a national TB prevalence study	KNCV	42,848	25%	Sep	2013	Discussions initiated for the prevalence study preparation. Support to be provided by KNCV (Ellen Mitchel) .
	7.3.3	APA2 carry over activity: CE study CB-DOTS	FHI360	19,485	25%	Sep	2013	Study terms of reference completed and under review. Support from KNCV to be provided
	7.3.4	APA2 carry over activity: New technologies studies	FHI360	6,495	25%	Sep	2013	Terms of reference developed and pending approval for study commencement.

	<b>7.3.5</b>	APA2 carry over activity: Knowledge-Attitudes and Practice Study	FHI360	131,475	 75%	Jun	2013	The study has started in all sites. Data collectors have been trained; interview guides, informed consent forms, and methodology guides have been finalized and reproduced. preliminary results will be out in August and final results in September. Dissemination will be in APA4.
					 30%			

<b>8. Drug supply and management</b>								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
8.1 Ensured nationwide systems for a sustainable supply of drugs	<b>8.1.1</b>	Adequate TA to make funds available to procure TB medicines, lab reagents and other NTP commodities to ensure availability of stock.	MSH	13,417	 100%	Sep	2013	One STTA visit conducted and 30 MOH staff participated in a drug quantification exercise.
	<b>8.1.2</b>	Strengthened LMIS through support supervision to ensure data from the district level collected at national	MSH	5,903	 0%	Sep	2013	Planned to be conducted in August 2013
	<b>8.1.3</b>	Ensured data availability by NTP in commodity management	MSH	4,878	 50%	Sep	2013	The training manual has been finalized after incorporating comments. Printing will be done in Q4
	<b>8.1.4</b>	Strengthen LMIS through support supervision to ensure data from the district level are collected at national level	MSH	1,759	 25%	Sep	2013	Supervision plan has been elaborated for visit to two provinces (Zambezia and Sofala). Visit to be conducted in August and September 2013.
	<b>8.1.5</b>	Drug warehousing and distribution capacity improved	MSH	7,295	 100%	Sep	2013	One STTA visit conducted and 30 MOH staff participated in a drug quantification exercise.
	<b>8.1.6</b>	National and provincial level pharmacy managers trained in commodity management (ToT	MSH	6,503	 0%	Sep	2013	In planning process
	<b>8.1.7</b>	District level NTP supervisory and pharmacy staffs trained in commodity management (Step down-	MSH	4,150	 0%	Sep	2013	Planning in progress and activity to be completed in August 2013
	<b>8.1.8</b>	Support for MSH/TB CARE I and MOH/NTP participation in	MSH	7,551	 0%	Sep	2013	Support to be provided for the participation of one person to the UNION Conference
	<b>8.1.9</b>	Disseminate and distribute ADR R&R tools to supported health facilities	MSH	2,830	 0%	Sep	2013	Tools have been developed and finalized and printing will be done in Q4
	<b>8.1.10</b>	APA2 carryover activity: Provision of TA to improve drug management (forecasting, procurement, warehousing, distribution and LMIS)	MSH	34,302	 75%	Mar	2013	Partly completed in Q1. No follow-up in Q2 done

<b>8.1.11</b>	APA2 carryover activity: Establish a system for quality control of drugs	MSH	11,464	 0%	Sep	2013	Support to be provided by MSH consultants in designing the system.
<b>8.1.12</b>	APA2 carryover activity: Strengthen the pharmacovigilance system and rational use of drugs (TB)	MSH	35,118	 75%	Sep	2013	Pharmacovigilance data collection forms being distributed during supervision and meetings
				 35%			

Total Approved Staffing & Operations Budget	2,388,560
Grand Total Approved Project Budget	7,342,920

## Quarterly MDR-TB Report

<b>Country</b>	<b>Mozambique</b>
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<b>Period</b>	<b>April - June 2013</b>
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### MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
<b>Total 2010</b>	87	86	
<b>Total 2011</b>	184	146	
<b>Jan-Mar 2012</b>		58	
<b>Apr-Jun 2012</b>		34	
<b>Jul-Sep 2012</b>	58	58	
<b>Oct-Dec 2012</b>		65	
<b>Total 2012</b>	58	215	
<b>Jan-Mar 2013</b>		57	
<b>Apr-Jun 2013</b>	59	42	
<b>To date in 2013</b>	59	99	

## 5. TB CARE I-supported International Visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Additional Remarks (Optional)
1	FHI		Carol Hamilton & Piya Smith	Participation in international events	Sept - Oct 2013	Planned		
2	KNCV	1.1.4	Netty Kamp & Nico Kalisvaart	ACSM support visit to finalize strategy and M&E visit	November 2013	Completed	April 2013	Another trip for Netty Kamp scheduled for August and will be including Nico TA for M&E
3	KNCV		Vicent Kuyvenhoven	Support in conducting the MDR TB training	February 2013	Completed	May 2013	
4	KNCV	6.2.5	Bert Schreuder & Evelien Klinkenberg	Support visit to NTP for sustainable funding & preparation for prevalence survey	March 2013	Completed	March 2013	Evelien to come in September 2013
5	KNCV		Vicent Kuyvenhoven	Support in conducting the MDR TB training	February 2013	Planned		Reprogramed to August 2013
6	WHO	6.2.7	Gael Claquing	Participation in the UNION conference and trip to geneva for program support	Sept - Oct, 2013	Planned	June 2013	Participation at the UNION conference still to be done
7	MSH	1.3.1	Samuel Kinyanjui	To support the implementation of health facility-based ICF strategy	2013 TBD	Completed	June 2013	Planned for May 2013
8	MSH	1.3.1	Irnei Myemba	To support the implementation of health facility-based ICF strategy	2013 TBD	Planned		
9	MSH	2.1.5	Grace Kahenya & Maria Alice telles	To support training of lab technicians from NRL	January 2013	Completed	February 2013	
10	MSH	8.1.1	Samuel Kinyanjui	TA to ensure adequate availability of TB medicines, lab reagents and stocks	May 2013	Completed	June 2013	
11	MSH	8.1.5	Samuel Kinyanjui	To support drug warehousing and strengthen distribution capacity	April 2013	Completed	June 2013	
12	MSH	8.1.8	TBD - Samuel Kinyanjui	To participate in World Lung Health Union Conference	November 2013	Planned		
Total number of visits conducted (cumulative for fiscal year)							7	
Total number of visits planned in workplan							12	
Percent of planned international consultant visits conducted							58%	

## Quarterly Photos (as well as tables, charts and other relevant



**Training of Lab technicians in QA (Zambezia)**



**TB/HIV Provincial TASKFORCE Group (Zambezia Province)**



**Participants\_TB CARE I Anual Meeting - 2013 (NTP Supervisors, Rep of CB DOTS Imp Agencies & TB CARE I Staff**

## Quarterly Report on Global Fund Engagement

<b>Country</b>	<b>Mozambique</b>	<b>Period</b>	<b>April - June 2013</b>
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<b>Current Global Fund TB Grants</b>				
<b>Name (i.e. Round 10 TB)</b>	<b>Average rating*</b>	<b>Current rating</b>	<b>Total approved amount</b>	<b>Total dispersed to date</b>
Round 7	B2	B2	\$10.0m	\$4.2m
TFM			\$8.0m	0

\*Since January 2010

### **In-country Global Fund status - key updates, challenges and bottlenecks**

Mozambique is currently receiving support from Global Fund under Round 7 funding mechanism and the remaining amount has been disbursed for the acquisition of first and second line anti TB drugs. Country average rating is B2 (performance has not been inadequate but potential for improvement has been demonstrated).

With the ending of Round 7 in June, the CCM submitted a TFM proposal which has been approved and is to be signed by GF with a start date of July 2013 and a funding of \$8 million.

Major challenges and bottlenecks have been with supply chain management for drugs and reagents and fund management at provincial level.

### **TB CARE I & Global Fund - TB CARE I involvement in GF support/implementation and effect of GF on the TB CARE I work**

TB CARE I staff (FHI360, WHO & MSH) have been actively involved in GF activities and the project is part of the CCM. Support has been provided in strategic document design and writing, target setting, data reporting, follow-up of drugs pipeline and shipments, and quantification.

The principal focus of the approved TFM is drug procurement and TB CARE I will continue to support the country through MSH in drug quantification, procurement and management including TB drug pipeline development and analysis. Support will also be provided in distribution of commodities and for technical assistance for treatment oversight for drug sensitive TB and MDR TB patients. Both activities have been planned under APA4 with emergency procurement of pediatric and adult anti TB drugs as well as procurement of INH for IPT budgeted for in APA4 in case of sudden stock out. This effort is to compliment GF efforts.

## Inventory List of Equipment - TB CARE I



**USAID**  
FROM THE AMERICAN PEOPLE

**TB CARE I**

<b>Organization:</b>	<b>TB CARE I</b>
<b>Country:</b>	<b>Mozambique</b>
<b>Reporting period:</b>	<b>April - June 2013</b>
<b>Year:</b>	<b>APA 3</b>

Description (1)	ID numbers (2)	Acquisition date (3)	Acquisition cost (4)	V.A.T (5)	Location (6)	Condition (7)	Disposition date (8)	Title held by (9)	Insurance Policy #
Motorbikes	5780024	07/01/2013	\$5,450.00	\$926.00	Gaza	new	February 2013	MOH	
Motorbikes	5769994	07/01/2013	\$5,450.00	\$926.00	Gaza	new	February 2013	FHI360/AMODEFA	
Motorbikes	5789977	07/01/2013	\$5,450.00	\$926.00	Gaza	new	February 2013	FHI360/World Relief	
Motorbikes	5769888	07/01/2013	\$5,450.00	\$926.00	Gaza	new	February 2013	FHI360/World Relief	
Motorbikes	5644089	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644161	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644122	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644139	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644150	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644137	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	MOH	
Motorbikes	5644083	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644169	07/01/2013	\$5,450.00	\$926.00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5769962	07/01/2013	\$5,450.00	\$926.00	Niassa	new	February 2013	FHI360/ADC	
Motorbikes	5769575	07/01/2013	\$5,450.00	\$926.00	Niassa	new	February 2013	FHI360/AMIREMO	
Motorbikes	5769620	07/01/2013	\$5,450.00	\$926.00	Nampula	new	February 2013	FHI360/Kulima	

Motorbikes	5769636	07/01/2013	\$5,450.00	\$926.00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5769573	07/01/2013	\$5,450.00	\$926.00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5769580	07/01/2013	\$5,450.00	\$926.00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5643723	07/01/2013	\$5,450.00	\$926.00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5769618	07/01/2013	\$5,450.00	\$926.00	Manica	new	February 2013	FHI360/ADPP	
Motorbikes	5769970	07/01/2013	\$5,450.00	\$926.00	Manica	new	February 2013	FHI360/ADPP	
Motorbikes	5769910	07/01/2013	\$5,450.00	\$926.00	Manica	new	February 2013	FHI360/ADPP	
Motorbikes	5769607	07/01/2013	\$5,450.00	\$926.00	Manica	new	February 2013	MOH	
Motorbikes	5768993	07/01/2013	\$5,450.00	\$926.00	Manica	new	February 2013	FHI360/ADPP	
Motorbikes	5769581	07/01/2013	\$5,450.00	\$926.00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5769615	07/01/2013	\$5,450.00	\$926.00	Sofala	new	February 2013	MOH	
Motorbikes	5769577	07/01/2013	\$5,450.00	\$926.00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5769555	07/01/2013	\$5,450.00	\$926.00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5769112	07/01/2013	\$5,450.00	\$926.00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5786015	07/01/2013	\$5,450.00	\$926.00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5769579	07/01/2013	\$5,450.00	\$926.00	Tete	new	February 2013	MOH	
Motorbikes	5769543	07/01/2013	\$5,450.00	\$926.00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5768848	07/01/2013	\$5,450.00	\$926.00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5769092	07/01/2013	\$5,450.00	\$926.00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5769612	07/01/2013	\$5,450.00	\$926.00	Niassa	new	February 2013	FHI360/CISLAMO	

Motorbikes	5769608	07/01/2013	\$5,450.00	\$926.00	Niassa	new	February 2013	FHI360/ESTAMOS	
Motorbikes	5644080	07/01/2013	\$5,450.00	\$926.00		new	February 2013	FHI360	
Motorbikes	5646353	07/01/2013	\$5,450.00	\$926.00		new	February 2013	FHI360	
Motorbikes	5643329	07/01/2013	\$5,450.00	\$926.00		new	February 2013	FHI360	

- (1) Description of equipment: transportation (vehicles), administration (computers, faxes), laboratory equipment or others
- (2) Identification number (eg Manufacturer's serial number, model number, Federal stock number, national stock number)
- (3) Date of invoice
- (4) Total price including any sales tax paid. Use currency on invoice
- (5) Note any sales tax charged
- (6) Address
- (7) Good/fair or bad
- (8)+(9) Ultimate disposition data, (in the case of a vehicle) including date of disposal and sales price or the method used to determine current fair market value. where a recipient compensated TB CARE I for its share. Attach supplementary info