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TB CARE I - Ethiopia

**Year 2b & Year 3
Quarterly Report
April - June 2013**

July 30, 2013

Quarterly Overview

Reporting Country	Ethiopia
Lead Partner	KNCV
Collaborating Partners	MSH, The Union, WHO
Date Report Sent	July 30, 2013
From	Ezra Shimeles, Country Director
To	Yared Kebede Haile
Reporting Period	April - June 2013

Technical Areas	% Completion
1. Universal and Early Access	64%
2. Laboratories	59%
3. Infection Control	81%
4. PMDT	73%
5. TB/HIV	83%
6. Health Systems Strengthening	54%
7. M&E, OR and Surveillance	72%
8. Drug supply and management	50%
Overall work plan completion	67%

Most Significant Achievements

Civil Society Organizations (CSOs) in TB control Program

Addis Ababa City administration health bureau strengthened its community TB Control activities by involving CSOs in suspect identification, awareness rising and adherence support on TB. The Health Bureau started working closely with 41 female CSOs members found in Addis Ketema sub city Since May, 2012 and expanded its community TB Control activity in Kolfe sub city by involving additional 35 members of Women's association.

TB CARE I continued supporting this initiative of the health Bureau by conducting a four day (June 5-8/2013) training on TB control for members of Women's association found in Kolfe sub city and a two days (June 11-12, 2013) refresher training for Addis ketema CSO's member who have been trained in APA2. Besides, one day meetings of stakeholders from Addis ketema and Kolfe subcities have been conducted on June 15, 2013. Participants from health facility staff, regional and district offices, CSO coordinators and health extension worker supervisors have come together to discuss on the roles & responsibilities of each stakeholders and on how to strengthen communication and referral linkage in the sub cities. Finally consensus reached to work in collaboration on the planned activities of CSOs whose mainly involved in identification of presumptive cases and on TB awareness raising.

LED fluorescent microscopy

One of the biggest regions, Tigray go ahead in the process of LED florescent Microscopy implementation by conducting training for laboratory technicians currently working in 28 health facilities. The training was organized with the objective of equipping participants with knowledge and skills on LED microscopy in order to improve the smear microscopy performance in the region. A total of 28(M=20 F=8) participants were in attendance and TB CARE I supported the training both financially and technically the training conducted in May 13-19, 2013.

Guideline for health facility design drafted

Physical Health infrastructure Directorate (PHID) of FMOH has developed the first guideline on health facility design standard to address infection control issues in Architectural design of the health facilities in the country. TB CARE I hosted the development process of the standard and also supported technical by international TB IC consultant, Dr Amos Kutwa, June 10-14, 2013. The drafted guideline will be reviewed by Architects of the regional Health Bureau during the upcoming TB IC training in July 2013.

Drug Resistance TB service

The national response to the emerging threat of MDR TB has started in 2009 as pilot program at St. Peter TB Specialized hospital. Since then efforts has been made by the NTP in order to improve service quality and accessibility by expanding the service in the country. Accordingly, a total of 10 MDR TB treatment centers opened in six regions.

Geda health center, one of the MDR TB expansion sites renovated by TB CARE I, is ready to the service. As part of the preparation process, TB CARE I supported an orientation workshop to address misconception on MDR TB and to prepare staffs towards sharing responsibility. In the workshop, 64(M=20;F= 24)technical and support staffs of the health center , higher official of Oromia regional health Bureau , Unit Africa Director of KNCV, and Regional Director of KNCV were participated.

National TBL and TB/HIV Guideline revised

National TB control program of Ethiopia completed the revision process of TBL and TB/ HIV Guideline and printed 10,000 copies of the guideline through the support of TB CARE I. TB CARE I continued its support by organizing the first TOT on TB and TB/HIV in collaboration with Oromia Regional health bureau to ensure the availability of a pool of trainers for the region. A total of 45(M= 33; F=12) participants attended the training. Moreover, two rounds of basic trainings for 63(M=43; F=20) on TBL and TB/HIV were conducted to improve the knowledge and skills of general health workers in different public health facilities as well as in prison health facilities of Oromia region. This training has been also instrumental in addressing the general TB infection prevention initiative in a Congregate setting such as prison, as there were six participants from five prisons (Shewarobit, Ambo, Adama, Shashemene and Nekemete prison).

Health System strengthening

Like many other developing countries, TB program of Ethiopia has been supported financially by external sources for decades. Although such supports helped to improve service quality, it might have created dependency on external resources and also difficult to predict how sustainable the support in the future. Hence, assessing the capacity of potential funding source/allocation at national level, mechanism of funding, gaps and challenges should be explored earlier to better inform NTP/FMoH and make ready, if any funding source reduction/end happens. Accordingly, TB CARE I as part of its national support of TB program arranged technical assistance visit from KNCV HQ to assist the NTP on financial sustainability exercise of TB program to identify potential sources at local level, gaps and potential support areas that sustain the already existing system in the country. Dr Bert Schreuder international consultant on Health System Strengthening assisted this exercise, June 17-21/2013. Full report will be shared soon.

Operational Research

The national Tuberculosis Research Advisory Committee (TRAC) in collaboration with TB CARE I continued their support on operational research and expanded the coverage to other regions. During the reporting quarter, the second training on Protocol development provided for 31 (M=30; F=1) participants of the seven regions (Afar, Somali, Harari, DireDawa, BenishangulGumz, Gambela and Addis Ababa), April 21-27, 2013. The expected outcome of this training was a draft research project protocol, which will be developed by a team of regional experts during the training and in the subsequent 6-9 months when they are supported (mentored and supervised by local university staff) to finalize their protocol and collect data.

Further, TB research grant announced and about 108 proposals submitted; the proposal planned to review in July, 2013 and selected proposals will be sponsored by TB CARE I.

Overall work plan implementation status

The overall implementation of APA3 in the 3rd quarter is 67%. As the APA4 planning has already been on progress, there are activities that need to be carry forward or re-planned for the up coming year. Hence, only those activities that will not be carry over or re-planned, will be implemented during the 4th quarter of this year.

Technical and administrative challenges

No technical or Administrative challenges reported in the Quarter

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	Advocacy with CSO	KNCV	9,800	100%	Dec	2012	Supported Ethiopian society of Tropical infection disease workshop
	1.1.2	Training of CSO	KNCV	23,080	100%	May	2013	Two sub cities (districts) in Addis Ababa have been targeted as intervention area for capacity building and engagement of CSOs in TB control where TB burden is a significant problem. A four days training for a total of 35 members (all were women) of Women's association conducted on basics of TB, stakeholders' role, stigma related to TB, skill's on health education & communication, social mobilization and advocacy. Moreover, refresher training has been given for 23 members of Women's association who have been trained in APA2.
	1.1.3	TA on CSO	KNCV	30,506	50%	Aug	2013	Netty Kamp, Senior Advisor on ACSM provided a one week TA in April, 2013. Next TA visit planned in August, 2013 that she will assist in general the NTP review (as external reviewer) and will also focus on ACSM strategy in particular.
	1.1.4	Workshop CSO and HCW	KNCV	21,060	100%	May	2013	A one day stakeholders (HEW coordinators, CSO members, HCWs & health office staff) conducted in order to discuss on CSO's role and on how to strengthen suspect referral and linkage in these sub cities. A total of 35(M=17;F=18) from Kolfe and Addis Ketema have attended the workshop.
	1.1.5	Panel discussions	MSH	11,080	100%	April	2013	Four panel discussions conducted. Basics of TB, MDR TB, TB IC treatment adherence and role of Edir (traditional community organizations) in DOT were discussed with two Edirs; Panel discussions held with Federal prisons staff and inmates of Shoa Robit, Ziway & Kality prison (See photo album). Referral linkage, role of inmates and prison service on TB control & prevention were the discussion points.

	1.1.6	TB news letters	MSH	6,000	 75%	Sep	2013	Three Quarterly Newsletter produced, and distributed.
	1.1.7	Review meetings	MSH	15,120	 75%	Sep	2013	One review meeting with Media forum conducted on January 13, 2013.
	1.1.8	TB messages on cassettes	MSH	3,500	 50%	June	2013	Discussion on the way forward conducted with FMOH, Term of reference(TOR) and formal request expected from FMOH.
	1.1.9	WTD Commemoration	MSH	12,200	 100%	March	2013	Actively engaged in the steering committee nationally, took the responsibility of procuring WTD T-Shirts and also supported Oromia HB in commemorating the 2013 WTD as per their request
	1.1.10	Regional TB Media Forums	MSH	4,080	 75%	Feb	2013	Discussion on the way forward conducted with Oromia Regional health Bureau(ORHB) after securing buy in. The first workshop held in Bishoftu. Plan of Action developed by participants. Similar discussion started with Tigray RHB.
	1.1.11	Assessment of Radio programs	MSH	15,916	Cancelled	July	2013	Activity postponed to APA4
	1.1.12	Radio program	MSH	30,000	 50%	Sep	2013	Vendor selected, agreement signed broadcasting commenced in Feb. 2013.
	1.1.13	Regional TB Media Forums - follow-up	MSH	7,080	 0%	Aug	2013	To be done after establishment of regional TB Media forums.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
1.2 Increased quality of TB services delivered among all care providers (Supply)	1.2.1	Training on childhood TB	KNCV	11,795	Cancelled	Sep	2013	Activity carried over to APA4
	1.2.2	Job aid	KNCV	5,280	Cancelled	Sep	2013	Activity carried over to APA4
	1.2.3	CME on childhood TB	KNCV	10,720	 50%	Sep	2013	Activity is re-planned; a national baseline assessment on childhood TB will be conducted in the next quarter. TOR developed and contract agreement signed with a consultant
	1.2.4	Training on gastric lavage	KNCV	5,850	Cancelled	Sep	2013	Activity carried over to APA4
	1.2.5	TOT	WHO	113,904	 25%	July	2013	A total of 115 (M=90; F=25) participants from three regions(Amhara, SNNPR and Oromia) attended a seven day training. The purpose of the training was to increase the pool of regional trainers to conduct cascade trainings of the integrated refreshment trainings (IRT) for the Health Extension Workers (HEWs).
	1.2.6	Supportive supervision	WHO	110,621	 25%	Sep	2013	Supportive supervisions were conducted in Oromia and SNNPR Regions
	1.2.7	Review meeting	WHO	42,262	 0%	Sep	2013	planned for Quarter IV

	1.2.8	Guideline revision, printing	WHO	24,606	10%	Sep	2013	Discussion with FMOH has been initiated and areas for review and updates have been identified
	1.2.9	TB Screening in prisons	MSH		75%	Oct	2013	Preparatory process completed, HCWs sensitized in 4 prisons.
	1.2.10	Renovation of TB rooms	MSH	30,160	75%	Aug	2013	Four sites assessed with ORHB and Oromia Prison commission after securing buy in. A floor plan to renovate four isolation rooms in 4 sites developed by MSH Engineer, material and labor cost estimate done by same, procurement process commenced.
	1.2.11	Referral linkage	MSH	10,600	75%	Feb	2013	Secured buy in from Oromia RHB on possible sites; Four sites assessed and availing TB Unit registers; training HCWs currently in progress.
	1.2.12	TB conference	KNCV	23,380	100%	Oct	2012	National TB Program and TB CARE I staffs participated in 43th UNION Conference. A poster on Improving TB case detection by implementing Standard operating Procedures (SOPs) in Selected Health Facilities of Ethiopia was presented at the conference.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
1.3 Reduced patient and service delivery delays (Timing)	1.3.1	SOP implementation	MSH	5,680	Cancelled	Sep	2013	Activity carried over to APA4
	1.3.2	Assessment on treatment adherence	MSH	13,440	Cancelled	Mar	2013	Activity carried over to APA4
	1.3.3	Workshop on adherence	MSH	8,160	Cancelled	Mar	2013	Activity carried over to APA4
	1.3.4	Support SOP follow up	MSH	4,200	Cancelled	Mar	2013	Activity carried over to APA4
	1.3.5	Follow-up of TB case detection SOPs pilot program	MSH	12,240	75%	Sep	2013	TB case detection SOP follow up visit conducted. Planned to scale up to all zonal and regional Health facilities.
	2b.1.3.1	Training on childhood TB	KNCV	6,315	100%	Mar	2013	Reported in APA2
	2b.1.3.2	TA	KNCV	7,771	100%	June	2013	Reported in APA2
	2b.1.3.3	Conduct assessment of quality of DOT on EH/RH	WHO	55,266	25%	Sep	2013	Protocol development is finalized and shared with MOH
					64%			

2. Laboratories			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	2.1.1	(PF) Training on AFB microscopy and EQA	MSH	44,040	100%	April	2013	In addition to the training supported in the first quarter; two rounds of training on EQA of TB microscopy were provided for 78 (M=72; F=6) lab quality officers and TB focal persons of Oromia region. In the third quarter, A seven day training was conducted on LED fluorescent microscopy in Tigray region to implement this new technology . A total of 28 (M=20, F=8) lab professionals trained
	2.1.2	(PF) Overseas training	MSH	15,772	0%	Sep	2013	Official communication started for the training, which will be conducted in Kigali from 23/09/13 to 2/10/13 and trainees also selected together with national reference Laboratory.
	2.1.3	(PF) OR on TB diagnosis	MSH	27,000	25%	Sep	2013	Proposal is finalized and ethical clearance is obtained from Jimma University, laboratory supplies needed for the study procured and distributed.
	2.1.4	(PF) Support TWG	MSH		75%	Sep	2013	Participated in technical working group meetings on laboratory accreditation. Issues on TB culture, LED and GeneXpert will be discussed in the upcoming laboratory review meeting.
	2.1.5	(PF) Equipments for TB microscopy	MSH	99,433	50%	April	2013	Communication with MSH head office started to procure Microscopes. In addition, items which are available at local market are under the process of procurement. Currently all items are on the process of shipment
	2.1.6	(PF) Equipment maintenance	MSH	8,000	25%	Mar	2013	discussion with national referral laboratory initiated to support Lab Equipment maintenance.
	2.1.7	(PF) AFB microscopy EQA support to EHNRI	MSH	5,400	50%	Mar	2013	Supported revision of AFB Microscopy and EQA guideline revision. Training on panel preparation planned in July,2013.
	2.1.8	(PF) AFB microscopy EQA support to Regions	MSH	17,000	100%	August	2013	Reagents for TB Microscopy procured for one region and Adam regional lab supported on slide collection by equipping TB focal persons with adequate skills through training.
	2.1.9	(PF) Decentralization of EQA	MSH	16,000	100%	May	2013	78(M=72; F=6) Laboratory technicians trained and furniture procured and distributed for 13 hospitals.

	2.1.10	(PF) EQA data management	MSH	9,600	Cancelled	May	2013	Activity modification requested in the first Quarter, waiting for approval to use the budget for activity no 2.1.7
	2.1.11	(PF) TA on EQA data management and reporting system	MSH	11,391	100%	Jan	2013	Charles Kagoma from Tanzania has provided technical assistance on EQA data management and participated on the national TOT on AFB microscopy and EQA and made presentation on TB CAP tools for improved EQA data management
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	2.3.1	(PF) TB culture quality assurance	MSH	3,750	25%	May	2013	discussion underway with EHNRI
	2.3.2	(PF) Implementation of LED	MSH	3,750	Cancelled	March	2013	discussion underway with national referral laboratory experts.
	2.3.3	(PF) Introduction of GeneXpert	MSH	1,960	Cancelled	Feb	2013	Discussion has been made with EHNRI to identify possible areas of support by TB CARE I.
					59%			

3. Infection Control								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
						Month	Year	
3.2 Scaled-up implementation of TB-IC strategies	3.2.1	(PF) Renovation TB clinics	KNCV	80,000	100%	June	2013	TB waiting area in Bishoftu and St Peter Hospital in AA completed.
	3.2.2	(PF) Standard for designing health facilities	KNCV	5,220	75%	April	2013	Guideline on health facilities design standard Drafted. Planned to further refine in the upcoming training on TB IC for Architects. Final workshop will be held after discussing with MOH.
	3.2.3	(PF) Sputum booth	KNCV	12,000	100%	May	2013	Sputum booth produced and sent to Gondar University Hospital
	3.2.4	(PF) Advocacy for TBIC	KNCV	5,320	0%	May	2013	Agreed with MOH to carry out in fourth Quarter.
	3.2.5	(PF) Technical support to TWG	KNCV		75%	Sept	2013	On going support
	3.2.6	(PF) Job aids on TBIC	KNCV	2,740	100%	April	2013	Wall chart on TB IC developed and printed
	3.2.7	(PF) SOP for MDR sites	KNCV	640	75%	April	2013	SOP prepared and ready for printing
	3.2.8	(PF) Assessment on TBIC	KNCV	4,045	75%	May	2013	Draft protocol finalized, still waiting FMOH to conduct the assessment.
	3.2.9	(PF) Handkerchief	KNCV	4,500	100%	April	2013	5000 Handkerchiefs procured and being distributed for promoting cough etiquette
	3.2.10	(PF) IEC materials	KNCV	3,850	100%	April	2013	Poster Printed
	3.2.11	(PF) Respirators for MDR	KNCV	10,200	100%	April	2013	15000 N 95 procured
	3.2.12	(PF) Surgical Mask	KNCV	8,750	100%	March	2013	30000 masks procured

Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
	2b.3.2.1	Renovation of TB clinics	KNCV	40,000	100%	Dec	2012	Renovation of patient's waiting area of four health centers of Addis Ababa completed, the renovation will help to improve TB infection prevention activities of the facilities.
3.4 Improved TB-IC human resources	3.4.1	(PF) Training on TBIC	KNCV	39,825	60%	August	2013	First round TB IC training conducted and a total of 66(M=40;F=26) health care workers participated; the second round will be conducted in APA4.
	3.4.2	(PF) Supportive supervision	KNCV	16,800	50%	Sept	2013	Supportive Supervision for MDR TB facilities in Oromia, Dire Dawa and Amhara conducted. See report on activity no 4.1.5
	3.4.3	(PF) Review meeting	KNCV	16,920	50%	Sept	2013	Communication, drafting tools and necessary logistic arrangement completed and agreed with MOH to conduct in fourth quarter.
	3.4.4	(PF) Overseas training	KNCV	9,680	50%	June	2013	Planned for 4th Quarter.
	3.4.5	(PF) TA on TBIC	KNCV	14,661	100%	Sept	2013	Completed, June 7-14/2013
	2b.3.4.1	National training on TB IC	KNCV	6,350	100%	July	2013	A two days gap filling training on TB IC conducted for 39(M=31;F=8) health care workers of Gonder university Hospital and health centers
	2b.3.4.2	Scale up of FNA	KNCV	15,000	100%	Dec	2012	TB CARE I supported one day workshop on fine needle aspiration(FNA), a total of 28(F=5) pathologists participated in this workshop.
					81%			

4. PMDT								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
						Month	Year	
4.1 Improved treatment success of MDR TB	4.1.1	Training on PMDT: HCW	KNCV	35,080	80%	May	2013	Supported two rounds of training and a total of 56 (F=28) health care worker trained on PMDT. The remaining training will be conducted in APA4.
	4.1.2	Training managers	KNCV	9,380	0%	April	2013	Postponed for APA4.
	4.1.3	Training on sample transportation for case detection	KNCV	12,300	25%	June	2013	Gap identification assessment conducted in 6 regions and 8 regional laboratories of the country.
	4.1.4	Overseas training PMDT	KNCV	7,552	100%	July	2013	One TB CARE I staff and three staff from MDR TB treatment initiating centers attended PMDT TB training in Rwanda.

4.1.5	Supportive supervision PMDT	KNCV	11,200	 50%	Sept	2013	One round of supportive supervision conducted for three sites in Oromia: Bishoftu, Geda and Shashemene. Gondar University Hospital and Dile Chora Hospital also supported in the second Quarter.
4.1.6	Orientation to support staff	KNCV	12,720	 100%	April	2013	Conducted for Geda and Dire Dawa MDR-TB sites
4.1.7	Catchment area meetings	KNCV	10,800	 50%	Sept	2013	Two catchment area meeting conducted for ALERT and St Peter MDR Center.
4.1.8	Renovation MDR ward	KNCV	146,874	 50%	Sept	2013	65 % of Renovation at Bishoftu MDR ward completed. See Photo Album
4.1.9	Job aids PMDT	KNCV	990	 75%	August	2013	Job Aid developed and ready for printing.
4.1.10	Equipment for MDR sites	KNCV	27,200	 75%	Sept	2013	Furniture for Bishoftu Hospital waiting area, Equipment for St.Peter Hospital MDR TB unit procured
4.1.11	Support MDR TWG	KNCV		 75%	Sept	2013	Ongoing support
4.1.12	PMDT Guideline	KNCV	6,450	 100%	April	2013	Supported printing of National PMDT Ambulatory care protocol and Ambulatory care protocol for Dire Dawa Regional Health Office.
4.1.13	Ancillary drugs	KNCV	11,000	 50%	Sept	2013	TB CARE I procured ancillary drug for MDR-TB patient of ALERT Hospital; further technically assisted in the preparation of national list of ancillary drugs for MDR-TB patient at MOH.
4.1.14	Socio-economic support	KNCV	24,000	 75%	Sept	2013	TB CARE I is supporting monthly transportation allowance for 72 (M=41;F=31) MDR TB patients who were admitted in ALERT hospital and are now being treated as ambulatory patients. Also covering the house rent of 10 (M=5;F=5) patients based on the house assessment of individual patient done by the hospital MDR TB management team.
4.1.15	Nutritional support	KNCV	22,860	 75%	Sept	2013	TB CARE I continued nutritional support for 72 (M=41;F=31) MDR TB patients being treated at ALERT center.
4.1.16	Laboratory strategy	KNCV	11,830	Cancelled	Sept	2013	Postponed for APA4.
4.1.17	Laboratory equipment	KNCV	88,930	 100%	Sept	2013	Chemistry analyzer procured and installed to ALERT MDR TB Center.
4.1.18	TA on laboratory	KNCV	12,770	 25%	Sept	2013	Communication initiated with national referral Laboratory on the next TA planned to be conducted in August. Valentina Anismova will provide TA on laboratory for DR-TB/GeneXpert.

4.1.19	Training data managers	KNCV	1,640	 100%	January	2013	An orientation workshop on the revised MDR TB recording & reporting tools have been conducted in four rounds for a total of 99 (F=42) individuals working at MDR TB sites of the country.
4.1.20	Review meetings	KNCV	8,180	 0%	August	2013	Planned for fourth Quarter.
4.1.21	TA on PMDT	KNCV	11,603	 100%	Sept	2013	Reported in the previous quarter
4.1.22	International training	KNCV	24,915	 50%	Sept	2013	Preparation for the training finalized and planned to conduct in last week of July,2013.
4.1.23	Renovation MDR ward	KNCV	109,215	 100%	Sept	2013	Renovation at Geda Health Center completed
4.1.24	SLD (second shipment)	KNCV	173,433	 100%	Jan	2013	Second shipment of SLD for 100 patients arrived in country on Dec 17, 2012. The treatment is being distributed for three MDR TB centers accordingly through appropriate channels of FMOH.
2b.4.1.1	Renovation MDR ward	KNCV	120,000	 60%	Sept	2013	Renovation of MDR TB unit at ALERT Center is underway.
2b.4.1.2	Renovation laboratory	KNCV	90,000	 40%	Sept	2013	Renovation of Laboratory at ALERT Hospital underway.
2b.4.1.3	Experience sharing	KNCV	16,806	 100%	Sept	2012	Supported experience sharing visit to Rwanda by 03 program managers of MDR sites in Ethiopia, in August 2012. The purpose was to learn from the experience on implementation of MDR-TB program. The major lessons were: the MDR program in Rwanda has been successful, with well organized systems in place, a full time coordinator, reasonable allocation of resources and strong government commitment.
2b.4.1.4	Local training on PMDT	KNCV	9,065	 100%	August	2012	Done in APA2
2b.4.1.5	TA on PMDT	KNCV	23,793	 100%	Sept	2013	Completed on June ,2013
2b.4.1.6	Support official travel	KNCV	9,340	 100%	Oct	2013	Based on the request of MOH, TB CARE I supported two official trips from National Referral laboratory and MOH. The purposes were for the Director of Central Reference Laboratory to attend the GLI meeting and for the national TB Focal Person to attend TB ACSM international training.
2b.4.1.7	Scientific event	KNCV	9,000	 100%	Dec	2012	Supported one national scientific event organized by MOH and EHNRI, May 2012, where research papers on TB were discussed with national stakeholders.
2b.4.1.8	Equipment for MDR sites	KNCV	23,483	 75%	Sept	2013	Purchased for St. Peter, and Gondar TB Clinic

2b.4.1.9	GeneXpert	KNCV	130,296	100%	Sept	2013	Three machines procured for operational validation and used for the purpose of validation in three sites.
2b.4.1.10	Renovation MDR ward	KNCV	95,000	45%	Sept	2013	Renovation on progress at ALERT MDR TB out patient department.
2b.4.1.11	Equipment	KNCV	38,924	100%	Sept	2013	Equipment (Table & Chairs) for training center of St Peter TB specialized Hospital purchased; renovation of the training center was fully supported by TBCAP/TBCARE project.
				73%			

5. TB/HIV								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
						Month	Year	
5.1 Strengthened prevention of TB/HIV co-infection	5.1.1	(PF) Assessment on TB/HIV	MSH	8,700	25%	July	2013	Discussion started with FMOH on TBL and TB/HIV assessments and this activity also carried over to APA4
	5.1.2	(PF) Consultative workshops on TB/HIV	MSH	8,160	cancelled	May	2013	Activity carried over to APA4
	5.1.3	(PF) Review meetings	MSH	10,160	50%	Aug	2013	Activity to be conducted in late July with Tigray RHB. Preparatory phase finalized
	5.1.4	(PF) Support national TWG	MSH	5,124	100%	Sep	2013	TB CARE I is supporting the TWG in different core groups to mention few from this quarter-participated in the strategic plan costing exercise, 5 year TB and TB/HIV program analysis, document translation, pocket guide finalization, and the support will continue in the remaining few months.
	5.1.5	(PF) Support regional TWG	MSH	2,800	100%	Sep	2013	Supported the Oromia RHB with JSS planning, checklist preparation, and SS report writing and Six month plan preparation. In the third Quarter, TB CARE I Supported the Oromia RHB TB/HIV task force twice in this quarter. The key issues were annual plan review, performance review and resource mobilization
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
5.2 Improved diagnosis of TB/HIV co-infection	5.2.1	(PF) National TB/HIV TOT	MSH	20,660	100%	Jun	2013	TB CARE I conducted regional level TOT for the Oromia RHB after discussing with FMOH, June 10-15/2013. Total participants were 45 (M=33;F=12).

5.2.2	(PF) Regional TB/HIV basic training	MSH	17,620	 100%	Mar	2013	Conducted two rounds of basic training for Amhara and Oromia region for 63(M=23;F=20) participant between April 8-13/2013 and June 17-22/2013.
5.2.3	(PF) Overseas training on TB/HIV	MSH	19,056	 100%	Sep	2013	Two staff--one from FMOH and one from TB CARE I participated in Sondalo course from May April 28-May 12 2013.
5.2.4	(PF) Presentation at union conference	MSH	11,784	 100%	Dec	2012	Poster on <i>Improving TB case detection by implementing Standard operating Procedures (SOPs) in Selected Health Facilities of Ethiopia</i> presented at Kuala Lumpur union conference.
5.2.5	(PF) Print TBL and TB/HIV guidelines, and training material	MSH	24,400	 100%	Jan	2013	TB CARE I supported the final edit of the document including incorporating updates from the new WHO recording and reporting guidance. Moreover, TB CARE I supported the printing of 10,000 copies of the TBL and TB/HIV guideline
5.2.6	(PF) Prepare CD of TBL and TB/HIV Guidelines	MSH	7,500	 100%	Jan	2013	TB CARE I supported the preparation of key national and international TB and TB/HIV documents with labeled CD which will serve as a reference for HFs, academia and partners
5.2.7	(PF) Prepare wall charts	MSH	25,000	 100%	Feb	2013	Nine types of wall charts prepared and finalized. 10,000 copies printed for HFs, academia and other program implementers. More the 60% distributed to RHBs and partners working in the regions for distributing to HFs. The distribution to the remaining regions continued in this quarter too
5.2.8	(PF) Piloting of TB contact tracing	MSH	11,396	 100%	May	2013	TB CARE I supported the TB contact investigation pilot in 20 HFs of North Shoa ZHD in collaboration with Amhara RHB. Sensitization workshop conducted in April 15-16,2013 Contact register log book developed and distributed to the 20 HFs
5.2.9	(PF) Support best performing TB/HIV sites	MSH	9,880	 50%	June	2013	Discussion already started with Oromia RHB; they are going to select best performing HFs using criteria prepared for the purpose.

5.2.10	(PF) Follow up of TB Contact tracing implementation	MSH	5,200	 75%	Sep	2013	TB CARE I supported the follow up of the pilot two times : first from May 28-June 08 2013 and second from June 25-July 5 2013. The pilot start up is encouraging and follow up will continue in the remaining quarter too
5.2.11	(PF) Support piloting of TB/HIV mortality audit tool	MSH	8,180	 25%	Sep	2013	Discussion started to do the pilot in North Shoa Zone of Amhara Region. The discussion also started with Ellen and Evelin from PMU and TB mortality Audit tools received and customized to the local context. Sensitization workshop conducted on April 15 2013.This activity also carried over to APA4
5.2.12	(PF) Support in country experience sharing visits	MSH	6,320	cancelled	Sep	2013	Activity carried over to APA4
5.2.13	(PF) TA on TB/HIV Mortality audit tool piloting	MSH	14,051	cancelled	May	2013	Activity carried over to APA4
5.2.14	(PF) Training material	MSH		 100%	Feb	2013	The development of separate training material were discussed with NTP experts and it was suggested by them to use the comprehensive TBL and TB/HIV training manual for General Health care, which is fully supported by TB CARE I.
				 83%			

6. Health Systems Strengthening					Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget		Month	Year	
6.2 TB control components (drug supply and management, laboratories, community care, HRD and M&E) form an integral part of national plans, strategies and service	6.2.1	TOT on leadership	WHO	35,681	20%	Sept	2013	National meeting was arranged to share the experience of TBREACH projects in Ethiopia to TWG and partners
	6.2.2	Stop TB partnership	WHO	6,611	25%	Sept	2013	One stop TB partnership meeting conducted
	6.2.3	Capacity assessment workshop	WHO	42,557	25%	Sept	2013	Preparation work has been done in collaboration with SNNPR Regional health bureau and Hawasa University to conduct the assessment in the coming two months
	6.2.4	Supportive Supervision	MSH	20,160	cancelled	Aug	2013	Activity modification requested and approved to use the budget for activity no 1.2.10
	6.2.5	TB conference	WHO	15,594	100%	Oct	2013	National Tb program and WHO staff attended the Union World Lung Health conference.
	6.2.6	Workshop on strategic planning	KNCV	6,960	100%	May	2013	TB CARE I supported global fund budget forecasting exercise for the year 2013 -2016 and submitted to Global Fund Resource Forecasting Exercise
					54%			

7. M&E, OR and Surveillance					Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget		Month	Year	
7.2 Improved capacity of NTPs to analyze and use quality data for the management of the TB program	7.2.1	Training on data quality	KNCV	6,120	Cancelled	July	2013	discussion held with MOH to conduct training for culture lab personals on MDR TB RR tool in APA4.
	7.2.2	Workshop on improving data quality	KNCV	4,710	0%	August	2013	Planned to support program review meeting of NTP in 4th quarter
	7.2.3	Quality assessment	KNCV	2,720	100%	August	2013	Assessment of Six health facilities of Dire Dawa region conducted, finding shared to the regional TB focal person.
	7.2.4	TB Conference	KNCV	16,200	100%	Oct	2013	One TB CARE I staff and Regional TB focal person attended the 43th UNION conference.
	7.2.5	Overseas training	KNCV	8,444	25%	August	2013	Communication started with MoH and TB CARE I will support the training of M & E on Public health for One technical staff of NTP in August in Nigeria.
	7.2.6	Mentoring MDR sites	KNCV	2,040	100%	Sep	2013	On site orientation on new reporting & recording tools conducted in ALERT center, and Gondar University Hospital .
	7.2.7	Supportive supervision	KNCV	4,760	50%	Sep	2013	will conduct for new and existing MDR Sites in the fourth quarter.

	7.2.8	Registers and formats	KNCV	5,000	100%	Oct	2012	Revised and newly developed MDR TB recording and reporting formats printed with the support of TB CARE I.
	7.2.9	Electronic TB register	KNCV	3,510	100%	March	2012	Access based electronic MDR TB recording & reporting tool developed by TB CARE I expert, pretested and installed in three MDR TB treatment centers.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
7.3 Improved capacity of NTPs to perform operations research	7.3.1	Training on OR	KNCV	151,540	0%	Sept	2013	Block II training on operational research for Cohort I trainees will be conducted in Fourth Quarter.
	7.3.2	Impact assessment	The Union	35,846	Cancelled	June	2013	Will be carry forward to year 4
	7.3.3	Mentorship	KNCV	33,765	50%	Aug	2013	Is on going for the first cohort of OR trainees which was conducted in Dec 2-8, 2012.
	7.3.4	Conducting OR	KNCV	80,940	50%	Aug	2013	Is on going (six proposals finalized and waiting for ethics approval)
	7.3.5	Sponsor research	KNCV	52,030	Cancelled	Mar	2013	carried over to APA4
	7.3.6	TRAC meetings	KNCV	7,040	100%	Mar	2013	Facilitated and supported TRAC members meeting
	7.3.7	TB conference	KNCV	18,400	100%	April	2013	Supported and successfully conducted the 8th annual TRAC conference from Mar 21-23, 2013
	7.3.8	Research ethics	KNCV	6,040	100%	Dec	2012	Regional ethics committee assessment and capacity building training conducted for five regions
	7.3.9	Support ETBIN activities	KNCV	11,085	100%	July	2013	Assessment on the status of regional Ethical committee of five major regions has been conducted in second quarter by local consultants. Based on the findings, training on Research Ethics organized and a total of 21(M=14; F=7) regional ethical committee member of the five regions participated.
	7.3.10	Support journal	WHO	31,685	25%	Sept	2013	TOR has been developed and ready for signature with EPHA
	7.3.11	Research digest	WHO	5,198	10%	Sep	2013	Consultant requirement is in progress
	7.3.12	HRD support	KNCV	31,210	75%	Jan	2013	curriculum developed for the training of OR mentors; and backstops support provided for the OR training;
	7.3.13	Dissemination	KNCV		Cancelled	Sep	2013	carried over to APA4
	7.3.14	Strengthen TRAC	KNCV	14,548	75%	June	2013	Infrastructural support for OR unit provided

2b.7.3.1	Operational research agenda priority setting	KNCV	59,802	100%	Oct	2012	National TB Research Advisor Committee (TRAC) stakeholders' workshop conducted from Oct 17-19, 2012, national OR assessment findings presented & national TB OR roadmap with OR priority agenda developed. The workshop proceedings prepared, printed and distributed
2b.7.3.2	Assessment of OR capacity and future demands	KNCV	23,129	100%	Dec	2012	National OR assessment conducted and presented during National TB Research Advisor Committee (TRAC) stakeholders' workshop.
2b.7.3.3	Training on operational research part I	KNCV	85,274	100%	Dec	2012	The Operation Research (OR) modular training for the 1st cohort of OR trainee block 1 and mentors training conducted from Dec 2-8, 2012. A total of 33 (M=31 & F=2) participants from five regions and FMOH participated in the training. Five draft proposal were developed by the participants on selected operational research topics.
2b.7.3.4	Mentor training	KNCV	2,600	100%	Dec	2012	Activity done with 2b.7.3.3
2b.7.3.5	Conduct operational research	KNCV	69,000	50%	Sep	2013	13 operational research protocols developed by trainees of OR research team submitted; the field work of the 06 operational research is on progress.
2b.7.3.6	Conduct minor operational researches	KNCV	48,575	50%	Sep	2013	Six Proposal developped, ethical clearnace obtained for three of them. Data collection will be started in Quarter IV
2b.7.3.7	Sponsor research at University and Health Bureau	KNCV	36,000	25%	Sep	2013	108 proposals submitted; planned to review the proposal in July,2013; this activity will also be continued in APA4.
2b.7.3.8	Monitoring OR projects	KNCV	32,951	100%	Sep	2013	Operational research mapping tool developed.
2b.7.3.9	Training on operational research part II	KNCV	78,344	100%	April	2013	Cohort II B I for regional and central team conducted and 6 mentors from local university were also trained.
2b.7.3.10	Streamline OR approach	The Union	4,409	100%	Sep	2013	Steamlined the OR training curriculum
				72%			

8. Drug supply and management			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
8.1 Ensured nationwide systems for a sustainable supply of drugs	8.1.1	Training on selection and quantification	MSH	29,070	 100%	Nov	2012	The training was conducted on 13-15 June, in collaboration with PFSA & Oromia regional Health bureau(ORHB). A total of 188(M=162;F=26) participants have attended the event. The participants were selected from 80 health facilities & 24 WoHOs in Oromia region.
	8.1.2	Training on Inventory Management & IPLS	MSH	20,720	 100%	Dec	2012	Training on Integrated pharmaceutical Logistic and supply(IPLS) was conducted on 22-24 February, 2013 with two PFSA hubs; Adama & Mekele at Executive Hotel & Axum Hotel respectively. A total of 95(M=56;F=39) participants have attended the event.
	8.1.3	Training on Basic TB	MSH	12,780	 25%	Mar	2013	Activity scheduled for 29 July - 2 August, 2013 at Adama.
	8.1.4	Workshop on Integration quantification	MSH	25,540	Cancelled	May	2013	Activity carried over to APA4
	8.1.5	Printing LMIS forms	MSH	12,000	 50%	Dec	2012	Vendor selected, proof read completed & Purchase order given.
	8.1.6	Supportive Supervision	MSH	17,920	 100%	Jan	2013	Joint Supportive Supervision was conducted from 10 - 17 Feb., 2013 in four teams with 3 PFSA hubs: Gullele 2 teams, Jimma 1 team & Nekemte 1 team. 51 HFs were supervised of which 10 were hospitals & 41 health centers. The level of IPLS implementation & TB DSM were the focus points of the supervision.
	8.1.7	Manual development	MSH	8,000	Cancelled	Sep	2013	In consultation with PFSA we're assured that this activity would be financially supported by other partners and TB CARE I will continue to support the activity technically.
	8.1.8	Participate in TWGs.	MSH		 100%	Nov	2012	<ul style="list-style-type: none"> • Participated TWG meetings on TB Patient kits introduction & management in Ethiopia at FMoH. • TB Drug supply management meeting at PFSA & FMoH. • 5 year national TB program analysis on TB DSM
	8.1.9	Training material	MSH		 0%	Sept	2013	Planned for fourth quarter because of busy schedule of NTP Expert.

	8.1.10	Assess the feasibility of introducing patient kits in Ethiopia	MSH	8,511	 100%	Oct	2013	<ul style="list-style-type: none"> Developed an Operational Guideline & Training manual on TB patient kits Introduction & management organized by FMOH in collaboration with other partners. 102 participants from HFs in Tigray were trained on the implementation of TB PKs on April 5, 2013 @ Axum Hotel. (M-88, F- 14).
	8.1.11	Overseas Training on Supply Chain Management on TB	MSH	14,625	 50%	Oct	2013	Registration completed & training fee effected. On the process of securing visa from Malaysian Embassy in Nairobi.
					 72%			

Total Approved Staffing & Operations Budget
Grand Total Approved Project Budget (APA 2b + APA 3)

1,296,754
5,803,750

Quarterly MDR-TB Report

Country	Ethiopia
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Period	April - June 2013
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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:
Total 2010	140	85	
Total 2011	136	214	
Jan-Mar 2012	16	91	
Apr-Jun 2012	24	60	
Jul-Sep 2012	45	71	
Oct-Dec 2012	115	95	
Total 2012	200	317	
Jan-Mar 2013	113	105	
Apr-Jun 2013			
Total 2013	113	105	

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

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Additional Remarks
1	KNCV	1.1.3	Netty Kamp	TA on CSO engagement	February	First round completed	First round completed in April,2013	Will participate in the NTP external review focusing on ACSM strategy
2	KNCV	3.4.5	Amos Kutwa	TA on TBIC	May	Completed	June 7-14/2013	
3	KNCV	4.1.18	Valentina Anismova	TA on laboratory for DR-TB/GeneXpert	August	Planned		
4	KNCV	4.1.21	Victor Ombeka	TA on PMDT	January	Completed	May 25-June 7,2013	
5	KNCV	4.1.22	Agnes Gebhard	International Training on PMDT	July	Planned		
6	KNCV	6.2.3	Bert Schreuder	TA on HSS	June	Completed	June16-22/2013	
7	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-Part III	Sep	Planned		
8	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-Part I	July	Cancelled		Activity carried over to APA4
9	MSH	2.1.11	Charles Kagoma	TA on laboratory	January	Completed	Dec 27/2012- Jan 4 /2013	
10	MSH	5.2.14	Eluid Wondwalo	TA on TB/HIV	April	Cancelled		Activity carried over to APA4
11	MSH	8.1.10	Samuel Kinyanjui	Drug management	October	Cancelled		Activity carried over to APA4
12	The Union	7.3.1	ID Russen	TA on Operational research	Dec,2012	cancelled		Activity carried over to APA4
13	The Union	7.3.1	TBD	TA on Operational research	July	Cancelled		Activity carried over to APA4
14	The Union	7.3.2	ID Russen	TA on impact assesment framework	June	Cancelled		Activity carried over to APA4
15	The Union	7.3.2	TBD	TA on impact assesment framework	June	Cancelled		Activity carried over to APA4
16	WHO	6.2.1	Consultant from AFRO (TBD)	TA on training on leadership	Sep	planned		
17	KNCV	4.1.5	Victor Ombeka	TA on PMDT	Oct-Dec	Completed	May 25-June 8/2013	
18	KNCV	7.3.2	Eveline/regional epidemiologe	TA on operational research	Dec,2012	Completed	Dec4-11,2012	
19	KNCV	7.3.8	Eveline/regional epidemiologe	TA on operational research	April	Completed		

20	KNCV	7.3.9	Professor Muntaser Ibrahim, Institute of endemic disease of University of Khartoum	TA on health research ethics capacity building	March	completed	March 15-18,2013	
Total number of visits conducted (cumulative for fiscal year)							9	
Total number of visits planned in workplan							20	
Percent of planned international consultant visits conducted							45%	

Quarterly Photos (as well as tables, charts and other relevant materials)



Participants of Second round Operational Research training



Participants of CSO training during a group discussion session





Geda Health Center during the renovation process



Renovated MDR unit of Geda health center

Quarterly Report on Global Fund Engagement

Country	Ethiopia	Period	April - June 2013
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Current Global Fund TB Grants				
Name (i.e. Round 10 TB)	Average rating*	Current rating	Total approved amount	Total dispersed to date
SSF	n/a	N/A	\$34.5M	\$14.8M
Round 9	B1	B1	\$14.3M	\$11.6M

*Since January 2010

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

Ethiopia succeeded in getting the round 10 (2012-2016) Global Fund support, and the grant agreement for the first phase signed on March 22, 2012. More than 63% of the fund will be utilized for the procurement of first line anti-TB drugs, Microscopy and laboratory reagents, to strengthen and scale up TB/HIV collaborative activities and for the procurement of second line drugs which will be sufficient for 1500 MDR TB patients. And, 10% of the total fund is allocated to support for M & E and OR activities. More than 50% of the requested fund of the approved round 10 budget has already been released and being utilized accordingly. Major challenges & bottlenecks related to GF remains to be: inadequate utilization capacity of the fund due to human resource problem e.g. staff turnover, low technical capacity at all level, fund utilization is regulated in accordance to the government rate, which is very low e.g. daily subsistence payment, which has made the fund the least preferred source and therefore unutilized.

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

TB CARE may support to speed up implementation of activities and fund utilization capacity, if TB CARE has the mandate to do so. The GF effect so far on TB CARE I workplan has been enabling and complementary.

Inventory List of Equipment - TB CARE I



USAID
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TB CARE I

Organization:	TB CARE I
Country:	Ethiopia
Reporting period:	April - June 2013
Year:	APA 2b & 3

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 number	Insurance Policy #
Coffee Table		24/04/2013	201.26	30.19	St Peter & GUH	Good	24/04/2013	Donated		
Book shelf 200x80x235m		24/04/2013	1,530.81	229.62	HC	Good	24/04/2013	Donated		
High Back Chair		30/05/2013	420.76	63.11	GUH	Good	30/05/2013	Donated		
Office Table		30/05/2013	1,039.74	155.96	HC	Good	30/05/2013	Donated		
Three Seater		30/05/2013	2,692.85	403.93	GUH	Good	30/05/2013	Donated		
Toshiba Laptop	8C366348 R	30/05/2013	569.66	85.45	KNCV	Good	30/05/2013	CHO		
Lab Tables	13	31/05/2013	18,200.00	2,730.00	Adam Regional Lab	Good and New		Donated		
Shelves	13	31/05/2013	47,840.01	7,176.00	Adam Regional Lab	Good and New		Donated		
Chairs	26	31/05/2013	41,860.00	6,279.00	Adam Regional Lab	Good and New		Donated		
Office Tables	26	31/05/2013	65,650.00	9,847.50	Adam Regional Lab	Good and New		Donated		

(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