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TB CARE I - Ethiopia

**Year 2b & Year 3
Quarterly Report
October-December 2012**

January 30, 2013

Quarterly Overview

Reporting Country	Ethiopia
Lead Partner	KNCV
Collaborating Partners	MSH, The Union, WHO
Date Report Sent	30/01/2013
From	Ezra Shimelis, Country Director
To	USAID, Yared Haile & Helina Worku
Reporting Period	October-December 2012

Technical Areas	% Completion
1. Universal and Early Access	11%
2. Laboratories	19%
3. Infection Control	18%
4. PMDT	12%
5. TB/HIV	20%
6. Health Systems Strengthening	22%
7. M&E, OR and Surveillance	19%
8. Drug supply and management	11%
Overall work plan completion	16%

Most Significant Achievements

TOT and Basic training on AFB microscopy

Ethiopian Health Nutrition Research Institution (EHNRI) and Oromia Health Bureau in collaboration with TB CARE I conducted a series of trainings in the first Quarter. Training of trainers (TOT) on AFB microscopy using Zihel-Nelsen, LED and EQA was conducted in three rounds of 10 days each; a total of 102 (M=92; F=10) laboratory personnel from regions were trained. In addition to financial support, TB CARE I technically supported this TOT with an international consultant from MSH Regional Office. The basic training on AFB microscopy in Oromia Region was conducted from December 10 -14 , 2012 and a total of 31 (M=26; F=5) were trained.

Second round MDR TB treatment arrived in Ethiopia

SLDs for 100 MDR TB patients procured using TBCARE I funds arrived in the country on December 17, 2012 at which time the number of MDR TB Patient enrolled on treatment was about 600. The procured SLDs will help the treatment sites to enrolled an additional 100 patients who were in the waiting list.

Gap filling training on PMDT for Oromia Region

Oromia Regional health office in collaboration with TB CARE I has conducted two rounds of PMDT training for a total of 57(M=29;F=28) health care workers found in health facilities currently selected as potential MDR TB service expansion sites in Oromia region and ALERT Center. The regional training was organized based on the gap identified during the readiness assessment of the health facilities.

National Stakeholders' workshop conducted

A National TB Research Advisor Committee (TRAC) stakeholders' workshop was conducted from Oct 17-19, 2012. The workshop was organized to discuss a Roadmap for Operational Research (OR) and to launch a three year initiative for the development of sustainable OR capacity in Ethiopia. Representatives from Universities, regional health bureau, and partner organization have participated. Accordingly, the national OR assessment findings were presented; a draft national TB OR roadmap with OR priority agenda was finalized and endorsed.

The first Operational research training conducted

The OR modular training for the first cohort of OR trainee block one and mentors training was conducted from Dec 2-8, 2012. A total of 33 (M=31 & F=2) participants from Oromia, SNNPR, Tigray, Addis Ababa, Amhara, and central team/FMOH have participated. Draft proposal has been developed by groups of participants during the training period.

Supported orientation workshop on MDR TB Recording and reporting tools

TB CARE I support on MDR TB Recording and recording tools continued in APA3; the project supported printing of revised and newly developed tools in APA 2 and sponsored a four round orientation workshop on MDR TB recording and reporting tools. The workshop was aimed to equip experts currently working in MDR TB units with adequate knowledge and skill on MDR TB data recording and reporting tools. A total of 99 (M=57; F=42) individuals from five regional health Bureaus(TB focal person and HMIS units), health care workers currently working in MDR TB treatment sites, data clerks and respective HMIS focal persons of the health facilities and partner organizations working in TB participated.

Overall work plan implementation status

Even with a late start to APA 3, 16% of the planned activities were completed in the first quarter.

Technical and administrative challenges

No major challenges encountered in the first quarter.

In-country Global Fund status and update

Ethiopia has been granted three rounds of Global Fund including round 10 (2012-2016), which mainly devoted to disease control activities including TB. The grant agreement for the first phase was signed on March 22, 2012. The GF will be the major source for procurement of all first line TB drugs, laboratory reagents, to support TB/HIV activities and procurement second line drug for 1500 MDR TB patients. More than 50% of the requested GF round 10 budget for the coming six months has been released , activities are underway at national level. The remaining budget is expected to be released this year.

Quarterly Activity Plan Report

1. Universal and Early Access								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						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	0%	cancelled	2012	planned to request activity modification.
	1.1.2	Training of CSO	KNCV	23.080	0%	Feb	2013	Planned for second Quarter
	1.1.3	TA on CSO	KNCV	30.506	0%	Feb	2013	Planned for second Quarter
	1.1.4	Workshop CSO and HCW	KNCV	21.060	0%	Feb	2013	Planned for second Quarter
	1.1.5	Panel discussions	MSH	11.080	75%	April	2013	Three 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. Referral linkage, role of inmates and prison service or prisoners was discussed in Quality prison in addition to the aforementioned discussion points.
	1.1.6	TB news letters	MSH	6.000	20%	Sep	2013	Quarterly Newsletter developed, awaiting only printing & distribution
	1.1.7	Review meetings	MSH	15.120	20%	Sep	2013	Preparatory process completed and review meeting to be conducted on January 13, 2013.
	1.1.8	TB messages on cassettes	MSH	3.500	20%	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	20%	March	2013	Discussion started with FMOH, actively engaged in the steering committee
	1.1.10	Regional TB Media Forums	MSH	4.080	15%	Feb	2013	Discussion on the way forward conducted with Oromia Regional health Bureau (ORHB) after securing buy in
	1.1.11	Assessment of Radio programs	MSH	15.916	0%	July	2013	To be done on third quarter
	1.1.12	Radio program	MSH	30.000	15%	Sep	2013	Vendor selected, agreement to be signed second week of January.
	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 Technical 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	0%	Feb	2013	Planned for second Quarter
	1.2.2	Job aid	KNCV	5.280	0%	Feb	2013	Planned for second Quarter
	1.2.3	CME on childhood TB	KNCV	10.720	0%	May	2013	Planned for third Quarter
	1.2.4	Training on gastric lavage	KNCV	5.850	0%	Mar	2013	Planned for second Quarter
	1.2.5	TOT	WHO	113.904	18%	July	2013	TOT given to Amhara and Oromia Regions
	1.2.6	Supportive supervision	WHO	110.621	0%	Sep	2013	
	1.2.7	Review meeting	WHO	42.262	0%	Sep	2013	
	1.2.8	Guideline revision, printing	WHO	24.606	10%	Sep	2013	Discussion with FMOH has been initiated and areas for review and updates has been identified

	1.2.9	TB Screening in prisons	MSH		0%	Oct	2013	
	1.2.10	Renovation of TB rooms	MSH	10.000	15%	Aug	2013	Possible sites assessed with ORHB after securing buy in
	1.2.11	Referral linkage	MSH	10.600	15%	Feb	2013	Secured buy in from ORHB on possible sites
	1.2.12	TB conference	KNCV	23.380	100%	Oct	2012	National TB Program and TB CARE I staff 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	0%	Sep	2013	Discussion with national TB program will start in the 2nd quarter.
	1.3.2	Assessment on treatment adherence	MSH	13.440	0%	Mar	2013	Planned for second Quarter
	1.3.3	Workshop on adherence	MSH	8.160	0%	Mar	2013	Planned for second Quarter
	1.3.4	Support SOP follow up	MSH	4.200	0%	Mar	2013	Planned for second Quarter
	1.3.5	Follow-up of TB case detection SOPs pilot program	MSH	12.240	25%	Sep	2013	The SOP Follow up is being done in West Arsi zone
	2b.1.3.1	Training on childhood TB	KNCV	6.315	0%	Mar	2013	preparation underway
	2b.1.3.2	TA	KNCV	7.771	0%	June	2013	
	2b.1.3.3	Conduct assessment of quality of DOT on EH/RH	WHO	55.266	0%	Sep	2013	
					11%			

2. Laboratories								
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	2.1.1	(PF) Training on AFB microscopy and EQA	MSH	44.040	40%	April	2013	In collaboration with EHNRI and ORHB, a three round national TOT for 102(M= 92 ; F= 10) and one basic training for 31(M=26 ; F= 5) laboratory personnel conducted on AFB microscopy and EQA. TB CARE I supported these training through international technical assistance from the MSH regional office and covered the cost of the trainer fee.
	2.1.2	(PF) Overseas training	MSH	15.772	0%	Sep	2013	The proposed training site is Kigali, Rwanda. The date will be from 23/09/13 to 2/10/13. Official communication will start in the third quarter.
	2.1.3	(PF) OR on TB diagnosis	MSH	27.000	25%	Sep	2013	Proposal is finalized, Ethical clearance is obtained from Jimma University, procurement of laboratory supplies for the study is underway.
	2.1.4	(PF) Support TWG	MSH		50%	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.
	2.1.6	(PF) Equipment maintenance	MSH	8.000	0%	Mar	2013	Planned to discuss with maintenance engineer of partner organization (HEAL TB).
	2.1.7	(PF) AFB microscopy EQA support to EHNRI	MSH	5.400	25%	Mar	2013	Discussion is under way with EHNRI on how to execute this activity
	2.1.8	(PF) AFB microscopy EQA support to Regions	MSH	17.000	25%	August	2013	Discussed with Mekele and Hawasa regional laboratories started to implement this activity.
	2.1.9	(PF) Decentralization of EQA	MSH	16.000	25%	May	2013	Discussion is underway with Ethiopian health and Nutrition research institution(EHNRI)on how to execute this activity
	2.1.10	(PF) EQA data management	MSH	9.600	0%	May	2013	Discussion is underway with EHNRI
	2.1.11	(PF) TA on EQA data management and reporting system	MSH	11.391	0%	Jan	2013	Technical assistance will be provided to EHNRI in January.
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	(PF) TB culture quality assurance	MSH	3.750	0%	May	2013	Planned for third quarter
	2.3.2	(PF) Implementation of LED	MSH	3.750	0%	March	2013	Planned for second quarter
	2.3.3	(PF) Introduction of GeneXpert	MSH	1.960	25%	Feb	2013	Discussion has been made with EHNRI to identify possible areas of support by TB CARE I.
					19%			

3. Infection Control								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		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	25%	June	2013	Waiting area of Bishoftu Hospital renovated and the remaining three sites renovation will be started in the coming quarters.
	3.2.2	(PF) Standard for designing health facilities	KNCV	5.220	0%	April	2013	Planned in the third quarter
	3.2.3	(PF) Sputum booth	KNCV	12.000	0%	May	2013	planned in the third quarter
	3.2.4	(PF) Advocacy for TBIC	KNCV	5.320	0%	May	2013	planned in the third quarter
	3.2.5	(PF) Technical support to TWG	KNCV		0%	Sept	2013	see activity No 5.1.4
	3.2.6	(PF) Job aids on TBIC	KNCV	2.740	0%	April	2013	Concept started
	3.2.7	(PF) SOP for MDR sites	KNCV	640	10%	April	2013	Draft initiated
	3.2.8	(PF) Assessment on TBIC	KNCV	4.045	25%	May	2013	Protocol drafted
	3.2.9	(PF) Handkerchief	KNCV	4.500	25%	April	2013	Procurement process initiated
	3.2.10	(PF) IEC materials	KNCV	3.850	25%	April	2013	Preparatory work will be initiated in the second quarter.
	3.2.11	(PF) Respirators for MDR	KNCV	10.200	25%	April	2013	Procurement process initiated
3.2.12	(PF) Surgical Mask	KNCV	8.750	25%	March	2013	Procurement process initiated	
	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.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
3.4 Improved TB-IC human resources	3.4.1	(PF) Training on TBIC	KNCV	39.825	0%	August	2013	
	3.4.2	(PF) Supportive supervision	KNCV	16.800	0%	Sept	2013	See report on activity no 4.1.5
	3.4.3	(PF) Review meeting	KNCV	16.920	0%	Sept	2013	
	3.4.4	(PF) Overseas training	KNCV	9.680	0%	June	2013	
	3.4.5	(PF) TA on TBIC	KNCV	14.661	0%	Sept	2013	
	2b.3.4.1	National training on TB IC	KNCV	6.350	0%	Dec	2012	
	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(M=23 ;F=5) pathologists participated in this workshop.
					18%			

4. PMDT								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		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	50%	May	2013	Supported two rounds of training and a total of 56(M= 28; F=28)health care worker trained on PMDT
	4.1.2	Training managers	KNCV	9.380	0%	April	2013	planned in the second quarter
	4.1.3	Training on sample transportation for case detection	KNCV	12.300	0%	June	2013	
	4.1.4	Overseas training PMDT	KNCV	7.552	0%	July	2013	
	4.1.5	Supportive supervision PMDT	KNCV	11.200	25%	Sept	2013	One round supportive supervision conducted for three sites in Oromia: Bishoftu, Geda and Shashemene
	4.1.6	Orientation to support staff	KNCV	12.720	0%	April	2013	planned in the second quarter
	4.1.7	Catchment area meetings	KNCV	10.800	0%	Sept	2013	Ongoing support
	4.1.8	Renovation MDR ward	KNCV	146.874	0%	Sept	2013	
	4.1.9	Job aids PMDT	KNCV	990	0%	August	2013	
	4.1.10	Equipment for MDR sites	KNCV	27.200	0%	Sept	2013	
	4.1.11	Support MDR TWG	KNCV		0%	Sept	2013	Ongoing support
	4.1.12	PMDT Guideline	KNCV	6.450	25%	April	2013	Printing of PMDT Ambulatory care protocol supported
	4.1.13	Ancillary drugs	KNCV	11.000	0%	Sept	2013	
	4.1.14	Socio-economic support	KNCV	24.000	25%	Sept	2013	TB CARE I is supporting monthly transportation allowance for 53 (M=30;F=23) MDR TB patients who were admitted in ALERT hospital and now being treated as ambulatory patients, and being covered the house rent of 08M=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	25%	Sept	2013	TB CARE I continued nutritional support for 21 (M=12; F=9) admitted and 53 (M=30;F=23) ambulatory MDR TB patients being treated at ALERT center.
	4.1.16	Laboratory strategy	KNCV	11.830	0%	Sept	2013	
	4.1.17	Laboratory equipment	KNCV	88.930	0%	Sept	2013	
	4.1.18	TA on laboratory	KNCV	12.770	0%	Sept	2013	
	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(M= 57 ; F=42) individuals working at MDR TB sites of the country.
	4.1.20	Review meetings	KNCV	8.180	0%	August	2013	
4.1.21	TA on PMDT	KNCV	11.603	0%	Sept	2013		
4.1.22	International training	KNCV	24.915	0%	Sept	2013		
4.1.23	Renovation MDR ward	KNCV	109.215	25%	Sept	2013		

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 center accordingly through appropriate channels of FMOH.
2b.4.1.1	Renovation MDR ward	KNCV	120.000	20%	Sept	2013	Renovation of MDR TB unit at Geda Health center and Bishoftu hospital initiated
2b.4.1.2	Renovation laboratory	KNCV	90.000	20%	Sept	2013	
2b.4.1.3	Experience sharing	KNCV	16.806	0%	Sept	2013	
2b.4.1.4	Local training on PMDT	KNCV	9.065	0%	May	2013	
2b.4.1.5	TA on PMDT	KNCV	23.793	0%	Sept	2013	
2b.4.1.6	Support official travel	KNCV	9.340	0%	Oct	2013	
2b.4.1.7	Scientific event	KNCV	9.000	0%	Sept	2013	
2b.4.1.8	Equipment for MDR sites	KNCV	23.483	0%	Sept	2013	
2b.4.1.9	GeneXpert	KNCV	130.296	0%	Sept	2013	
2b.4.1.10	Renovation MDR ward	KNCV	95.000	10%	Sept	2013	Preparatory work started to renovate ambulatory service of MDR TB at ALERT Hospital.
2b.4.1.11	Equipment	KNCV	38.924	0%	Sept	2013	
				12%			

5. TB/HIV								
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	5.1.1	(PF) Assessment on TB/HIV	MSH	8.700	0%	July	2013	
	5.1.2	(PF) Consultative workshops on TB/HIV	MSH	8.160	0%	May	2013	
	5.1.3	(PF) Review meetings	MSH	10.160	0%	Aug	2013	
	5.1.4	(PF) Support national TWG	MSH	5.124	25%	Sep	2013	TB CARE I is supporting the TWG in different core groups to mention few: pocket guide preparation working core group, TB REACH experience sharing meeting, HF directory preparation core group.
	5.1.5	(PF) Support regional TWG	MSH	2.800	25%	Sep	2013	Discussion started with Oromia RHB and the activity will be materialized soon.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical 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	0%	Jun	2013	Planned in the third quarter
	5.2.2	(PF) Regional TB/HIV basic training	MSH	17.620	25%	Mar	2013	Preparatory work done with Amhara RHB and North Shoa Zonal Health Department.
	5.2.3	(PF) Overseas training on TB/HIV	MSH	19.056	25%	Sep	2013	Application process started (2 From FMOH), one applicant from TB CARE I accepted by Sondalo training centre to date
	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	25%	Jan	2013	necessary preparation on going and will be printed in the second quarter.
5.2.6	(PF) Prepare CD of TBL and TB/HIV Guidelines	MSH	7.500	25%	Jan	2013	Preparatory work done. Design and type already discussed with the FMOH
5.2.7	(PF) Prepare wall charts	MSH	25.000	50%	Feb	2013	Eight wall charts identified from the TBL & TB/HIV guideline and to be drafted soon with the core group in which TB CARE I is the lead.
5.2.8	(PF) Piloting of TB contact tracing	MSH	11.396	25%	May	2013	National TB contact tracing SOP to be drafted. core group formed, discussion started and the group will be led by TB CARE I. This activity will be accomplished by the next quarter
5.2.9	(PF) Support best performing TB/HIV sites	MSH	9.880	0%	June	2013	This activity will be done in the 3rd quarter but discussion will be started in the 2nd quarter
5.2.10	(PF) Follow up of TB Contact tracing implementation	MSH	5.200	25%	Sep	2013	Same as 5.2.8
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
5.2.12	(PF) Support in country experience sharing visits	MSH	6.320	0%	Sep	2013	This activity will be done in the 3rd quarter but discussion will be started in the 2nd quarter
5.2.13	(PF) TA on TB/HIV Mortality audit tool piloting	MSH	14.051	0%	May	2013	Discussion will be initiated in the second quarter
5.2.14	(PF) Training material	MSH		0%	Feb	2013	Discussion will be initiated in the second quarter
				20%			

6. Health Systems Strengthening			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				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	0%	Sept	2013	
	6.2.3	Capacity assessment workshop	WHO	42.557	0%	Sept	2013	
	6.2.4	Supportive Supervision	MSH	20.160	10%	Aug	2013	Discussions underway with FMOH
	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	0%	May	2013	Preparation will be initiated in the second quarter.
				22%				

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	Training on data quality	KNCV	6.120	0%	July	2013	planned to be done in the third quarter will be conducted after Quality assessment Discussion initiated with Addis Ababa Regional office One TB CARE I staff and Regional TB focal person attended the 43th UNION conference. Application will start in appropriate regional M & E training through Measure Evaluation On site orientation on new reporting & recording tools conducted in ALERT center. will be started in the second quarter. Revised and newly developed MDR TB recording and reporting formats printed with the support of TB CARE I. Access based electronic MDR TB recording & reporting tool developed by TB CARE I expert, pretested and ready to scale up to MDR TB treatment centers.
	7.2.2	Workshop on improving data quality	KNCV	4.710	0%	March	2013	
	7.2.3	Quality assessment	KNCV	2.720	25%	March	2013	
	7.2.4	TB Conference	KNCV	16.200	100%	Oct	2013	
	7.2.5	Overseas training	KNCV	8.444	0%	April	2013	
	7.2.6	Mentoring MDR sites	KNCV	2.040	25%	Sep	2013	
	7.2.7	Supportive supervision	KNCV	4.760	0%	Sep	2013	
	7.2.8	Registers and formats	KNCV	5.000	100%	Oct	2012	
	7.2.9	Electronic TB register	KNCV	3.510	75%	March	2012	
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%	July	2013	
	7.3.2	Impact assessment	The Union	35.846	0%	June	2013	
	7.3.3	Mentorship	KNCV	33.765	0%	Aug	2013	
	7.3.4	Conducting OR	KNCV	80.940	0%	Aug	2013	
	7.3.5	Sponsor research	KNCV	52.030	0%	Mar	2013	
	7.3.6	TRAC meetings	KNCV	7.040	0%	July	2013	
	7.3.7	TB conference	KNCV	18.400	0%	April	2013	
	7.3.8	Research ethics	KNCV	6.040	0%	Dec	2012	
	7.3.9	Support ETBIN activities	KNCV	11.085	0%	July	2013	
	7.3.10	Support journal	WHO	31.685	10%	Sept	2013	
	7.3.11	Research digest	WHO	5.198	0%	Sep	2013	
	7.3.12	HRD support	KNCV	31.210	0%	Jan	2013	
	7.3.13	Dissemination	KNCV		0%	March	2013	
	7.3.14	Strengthen TRAC	KNCV	14.548	0%	June	2013	
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 & draft national TB OR roadmap with OR priority agenda finalized and endorsed. The workshop proceedings prepared	

2b.7.3.2	Assessment of OR capacity and future demands	KNCV	23.129	0%	Dec	2012	Done
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 region and FMOH participated in the training. Draft proposal developed by the participants on selected Topic for the Operational research.
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	0%	Sep	2013	
2b.7.3.6	Conduct minor operational researches	KNCV	48.575	0%	Sep	2013	
2b.7.3.7	Sponsor research at University and Health Bureau	KNCV	36.000	0%	Sep	2013	
2b.7.3.8	Monitoring OR projects	KNCV	32.951	0%	Sep	2013	
2b.7.3.9	Training on operational research part II	KNCV	78.344	0%	April	2013	
2b.7.3.10	Streamline OR approach	The Union	4.409	0%	Sep	2013	
				19%			

8. Drug supply and management		Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	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	10%	Nov	2012	Discussion with Pharmaceutical Fund and Supply Agency (PFSA) on ways to proceed with the schedule (although PFSA is busy with other priorities at this time)
	8.1.2	Training on Inventory Management & IPLS	MSH	20.720	0%	Dec	2012	Discussion with PFSA on ways to proceed with the schedule (although PFSA is busy with other priorities at this time)
	8.1.3	Training on Basic TB	MSH	12.780	0%	Mar	2013	Scheduled for the second quarter
	8.1.4	Workshop on Integration quantification	MSH	25.540	0%	May	2013	Scheduled for the third quarter
	8.1.5	Printing LMIS forms	MSH	12.000	25%	Dec	2012	PR raised and sent to procurement unit, but the tools are being revised now & PFSA asked us to wait till a final revised version is made.
	8.1.6	Supportive Supervision	MSH	17.920	0%	Jan	2013	Scheduled for the second quarter
	8.1.7	Manual development	MSH	8.000	0%	Sep	2013	Support the development & printing of 5000 copies of Selection & Quantification Manual.
	8.1.8	Participate in TWGs.	MSH		25%	Nov	2012	Participated TWG meetings on TB Patient kits introduction & management in Ethiopia at FMOH; TB Drug supply management at PFSA
	8.1.9	Training material	MSH		0%	Jan	2013	Scheduled for the second quarter
	8.1.10	Assess the feasibility of introducing patient kits in Ethiopia	MSH	8.511	50%	Oct	2012	Developed an Operational Guideline & Training manual on TB patient kits Introduction & management organized by FMOH in collaboration with other partners. Training for selected HFs to follow.
				11%				

Total Approved Staffing & Operations Budget	1.296.754
Grand Total Approved Project Budget (APA 2b + APA 3)	5.803.750

Quarterly MDR-TB Report

Country	Ethiopia
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Period	OCTOBER-DECEMBER 2012
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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			
Total 2012	85	222	

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	planned		
2	KNCV	3.4.5	Amos Kutwa	TA on TBIC	May	planned		
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	planned		
5	KNCV	4.1.22	Agnes Gebhard	International Training on PMDT	July	planned		
6	KNCV	6.2.3	Bert Schreuder	TA on HSS	June	planned		
7	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-Part III	April	planned		
8	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-Part I	July	planned		
9	MSH	2.1.11	Charles Kagoma	TA on laboratory	2013	on progress		
10	MSH	5.2.14	Eluid Wondwalo	TA on TB/HIV	April	planned		
11	MSH	8.1.10	Samuel Kinyanjui	Drug management	October	planned		
12	The Union	7.3.1	ID Russen	TA on Operational research	Dec,2012	completed	Dec 1-10,2012	
13	The Union	7.3.1	TBD	TA on Operational research	July	planned		
14	The Union	7.3.2	ID Russen	TA on impact assesment framework	June	planned		
15	The Union	7.3.2	TBD	TA on impact assesment framework	June	planned		
16	WHO	6.2.1	Consultant from AFRO (TBD)	TA on training on leadership	January	planned		
17	WHO	6.2.1	Consultant from AFRO (TBD)	TA on training on leadership	July	planned		
18	KNCV	4.1.5	Victor Ombeka	TA on PMDT	Oct-Dec	planned		
19	KNCV	7.3.1/7.3.2	Eveline/regional epidemiologe	TA on operational research	June-July	planned		
20	KNCV	7.3.8	Eveline/regional epidemiologe	TA on operational research	Last quarter	planned		
21								
Total number of visits conducted (cumulative for fiscal year)							1	
Total number of visits planned in workplan							20	
Percent of planned international consultant visits conducted							5%	

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



First operational Research training



Practical session of PMDT training



TB waiting area at Bishoftu Hospital

Inventory List of Equipment - TB CARE I



TB CARE I

Organization:	TB CARE I
Country:	Ethiopia
Reporting period:	October-December 2012
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 #
Cooker Gas & Electric	KNCV-Eth-01-06	19/10/2012	\$277,50	41,40	KNCV Office	Good		Tigist(Kitchen)	
Refrgrator	KNCV-Eth-01-06	19/10/2013	\$472,00	70,83	KNCV Office	Good		Tigist(Kitchen)	
withholding Pad		19/10/2012	\$133,14	19,41	KNCV Office	Good		Finance	
Cannon IR 1133 copier	KNCV-Eth-01-01	21/12/2012	\$694,44	104,16	KNCV Office	Good		1st flor	
Cannon IR 2420 copier	KNCV-Eth-01-01	21/12/2013	\$153,33	230,00	KNCV Office	Good		1st flor	
Cannon EXV 14 Tonner	KNCV-Eth-01-01	21/12/2014	\$120,77	18,11	KNCV Office	Good		Reception	
Cannon DADF (P2)	KNCV-Eth-01-01	21/12/2015	\$666,66	100,00	KNCV Office	Good		Reception	
Cannon Net work card	KNCV-Eth-01-01	21/12/2016	\$942,00	141,30	KNCV Office	Good			
Table		31/12/2012	\$6.956,22	1043,43	St Peter	Good		Store	
Guest Chair		31/12/2013	\$7.246,00	19564,19	St Peter	Good		Store	
Table 140*70*75h	KNCV-Eth-01-01-1035	1/11/2012	\$135,26	20,29	KNCV Office	Good		Office Assistance	
Secretary chair	KNCV-Eth-01-04-4082	1/11/2012	\$94,20	14,13	KNCV Office	Good		Office Assistance	
Book Shelf	KNCV-Eth-01-01-1037	1/11/2012	\$318,84	47,82	AHRI	Good			
Round meeting Table	KNCV-Eth-01-01-1062	25/12/2012	\$152,17	22,82	KNCV Office	Good		Guest Room(2nd flor	
Guest Chair	KNCV-Eth-01-01-1036	25/12/2012	\$43,47	6,52	KNCV Office	Good		Guest Room(2nd flor	
Guest Chair	KNCV-Eth-01-01-1037	25/12/2013	\$43,47	6,52	KNCV Office	Good		Guest Room(2nd flor	
Guest Chair	KNCV-Eth-01-01-1038	25/12/2014	\$43,47	6,52	KNCV Office	Good		Guest Room(2nd flor	
Guest Chair	KNCV-Eth-01-01-1039	25/12/2015	\$43,47	6,52	KNCV Office	Good		Guest Room(2nd flor	

- (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