



TB CARE I

TB CARE I - Ethiopia

Year 4

Quarterly Report

April – June 2014

July 30, 2014

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1. Quarterly Overview

Country	ETHIOPIA
Lead Partner	KNCV
Coalition Partners	MSH, WHO, The Union
Other partners	AHRI
Workplan timeframe	01/10/13 - 30/09/14
Reporting period	April – June 2014

Most significant achievements:

1. Piloting TB QUOTE light tool, which assessed nine quality dimensions of TB services from patients' perspective. This assessment was a quantitative and qualitative study which enrolled 300 patients from 30 systematically selected public and private health facilities in Addis Ababa. The patients graded the level of importance of the quality dimensions through Focus Group Discussion (FGD). Findings indicated that TB patients value the presence of infrastructure (such as functioning water supply, toilets, and adequate waiting space), TB/HIV relationship and stigma as the most important quality dimension in TB services. This assessment demonstrated, that:
 - a. TB patients getting services in DOTS providing health facilities evaluated the support provided from facilities, access to TB services (i.e. cost of TB services) as poorly performing.
 - b. Clients rated HIV-TB relationship (information and service), patient provider and counseling aspects of TB care services as performing well.Debriefing of the findings of this assessment was done to relevant officers in Addis Ababa Health Bureau and they have indicated that the information is first of its kind and is valid. Thus, they have suggested the tool needs to be part of the formal TB program monitoring.
2. As part of improving TB diagnosis, LED fluorescent microscopy service was introduced in Southern Nation region in all hospitals. All LED microscopes were supplied by the government. TB CARE I supported two rounds of training and a total of 59 laboratory professionals were trained.

Technical and administrative challenges:

None

2. Year 4 technical outcomes and activity progress

2.2 Universal Access

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date ¹	Comments
1.1.1	Number of facilities where quality of services is measured	-	25	30	Report to be ready soon
1.2.4	Children younger than 5 (contacts of ss+ adults) that were put on IPT	-	50	93	NB there is no report specific to this activity; It's a result of pilot implementation of contact screening in the North Showa zone
1.2.5	Childhood TB approach implemented	2	3	2	Ongoing discussion on developing roadmap & implementation plan
1.2.6	Number of TB cases (all forms) diagnosed in children 0-4	265	345	Measured annually	
1.2.7	Prisons with DOTS	4		2	
1.2.8	CB-DOTS program is implemented	3	3	3	
1.2.9	Population covered with CB-DOTS	25%	50%	Measured annually	
1.2.10	Health facilities offering CB-DOTS services	37%	50%	Measured annually	
1.3.1	Patient Delay	30-60 days	30-40 days		Assessment ongoing in Addis Ababa, result will be available in Sept 2014
1.2.11	<i>Number of Household TB contacts traced and investigated</i> Description: This indicator measures household TB contacts traced through contact investigation.	Apr- Oct 13: 2,686	1,400	Nov 13 – Feb 14: 841	Pilot project on TB contact investigations in 21 HFs of North Shoa zone started since Apr 2013. Data collected during supportive supervision, there is no regular reporting of this activity
1.2.12	<i>Proportion of TB patients notified among contacts of index cases</i> Numerator: Number of TB cases among the contacts where pilot is being	23 (0.86%)	3%	4(0.48%)	Data from Apr 13 – Feb 2014 showed, out of 3,527 household contacts investigated, 27 were

¹ If results are not available, write “Measured annually” or “Not yet measured” and say when the data are estimated to be available. Not all indicators can be measured quarterly.

	implemented Denominator: Total number of investigated contacts of index cases.				diagnosed TB (prevalence of 765/100,000) NB we've revised our target from 10% to 3%, since case-finding is based on the conventional smear microscopy (low sensitivity)	
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status ²
				Start	End	
1.1.1	MSH	Measure quality TB services	Field assessment completed, consultant submitted the final report to TB CARE/MSH. Addis Ababa Health Bureau TB focal persons debriefed on the finding. Input on the final report is awaiting. Findings to be shared in a larger review meeting.	Apr 14	Jun 14	Ongoing
1.2.1	KNCV	Contact screening	Implementation status evaluated in one region (A.A) through an OR, findings shared during TRAC conference, intervention plan developed and implementation to improve contact screening on progress.	Oct 13	Dec 13	Ongoing
1.2.2	KNCV	Training on Childhood TB	A national framework on the implementation prepared and under discussion with NTP /MoH on material preparation for lower level health care staff. A national TOT (material adapted from South Africa) will be organized in August 2014 for 30 health care workers in order to cascade down childhood TB training for lower level health care staff.	Nov 13	Dec 13	Ongoing
1.2.3	KNCV	Complete childhood TB framework	A half day national workshop on childhood TB conducted on March 20, 2014 to build consensus on strategic document, preparation of implementation plan & training material is under discussion with MoH	Oct 13	Dec 13	Ongoing
1.2.4	KNCV	Provider support tool	Part of the planned activities in 1.2.3	Nov 13	Dec 13	Pending
1.2.5	KNCV	Mentorship on childhood TB	Due to unexpected budget cut and delayed MOH engagement on training material &	Oct 13	Sep 14	Cancelled

² Status options: Pending (the activity has not yet started, but is not delayed); Ongoing (the activity has started and is in process); Completed (all sub-activities and outputs are complete); Postponed (the start or completion of this activity has been delayed, but will still be completed by the end of the workplan year); Cancelled (the activity, which may or may not have started, will not be completed by TB CARE I.)

			provider support tool development, this activity could not be accomplished before Sept 2014			
1.2.6	WHO	Print log book	Community TB care logbook developed and printed	Nov 2013	Jan 2014	Completed
1.2.7	WHO	Print report format	The printing process is started and ongoing	Nov 2013	Jan 2014	Ongoing
1.2.8	WHO	Referral form	The printing process is started	Nov 2013	Jan 2014	Ongoing
1.2.9	WHO	CBTC strategy	The updating & revising of Community TB care implementation guidelines is completed.	Nov 2013	Mar 14	Completed
1.2.10	WHO	Baseline assessment	Baseline assessment done in the selected districts/woreda, in Yirgachefe Woreda of Gedeo zone, SNNPR on TB contact investigation activity implementation: None of the 7 functional health facilities were providing TB contact investigation. Recording and reporting formats for TB contact investigation were not available in any of the visited health facilities.	Nov 2013	Jan 2014	Completed
1.2.11	WHO	Sensitization workshop on contact investigation	Sensitization workshop conducted. About 40 participants attended the workshop. The participants were Health managers, program coordinators and TB clinic staffs.	Dec 13	Dec 13	Completed
1.2.12	WHO	Training on contact investigation	Training provided for health care workers	Dec. 2013	Feb. 2014	Completed
1.2.13	MSH, WHO	Tool contact investigation	Tools developed for monitoring the implementation of contact investigation activities.	Mar 14	Apr 14	Completed
1.2.14	MSH, WHO	Supervision/follow up of contact investigation	A second supervision/follow up has been conducted from February 10-16, 2014 to 21 pilot HFs in North Shewa Zone. A final visit planned for Q IV.	Oct 13	Apr 14	Ongoing
1.2.15	MSH, WHO	Review meeting on contact investigation	A review meeting on Contact Investigation was conducted from November 30 to December 01, 2013. Participants (59) were from 21 pilot health facilities district (Woreda) offices & zonal departments. A final visit planned for Q IV.	Dec 13	May 14	Ongoing
1.2.16	MSH	TA contact investigation	MOT requested	Mar 14	Apr 14	Pending

1.2.17	MSH	Guideline on TB in congregate setting	MOT requested	Nov 13	Jul 14	Pending
1.2.18	MSH	Renovation of TB rooms	Sites selected jointly with 2 Regional Health Bureaus (RHBs) and respective prison administration. The contract teams have finalized drafting the contract and waiting some confirmations from the director of policy in HQ to hand over sites for the contractors.	Dec 13	Jun 14	Ongoing
1.3.1	KNCV	Refresher training CSO	Conducted for two sub-cities, 52 CSO members participated (all women)	Mar 14	Mar 14	Completed
1.3.2	KNCV	Quarterly review CSO, HCW	Conducted for two sub-cities, 35 participants attended from health office, health facility staff (medical directors & TB focal person as well as triage personnel) and Civil Society organization (CSO) representatives. Main agenda was on suspect referral and documentation	Oct 13	Sep 14	Ongoing
1.3.3	KNCV	Assess patient delay	Tool developed, ethical approval secured from Addis Ababa health office ethic committee and assessment started, result expected to be ready in Sept, 2014	Feb 14	Jul 14	Ongoing
1.3.4	KNCV	Mentoring CSO	Regular weekly & monthly meetings conducted with main objectives of mentoring and supportive supervision	Nov 13	Sep 14	Ongoing
1.3.5	KNCV	TA on ACSM/CSO	Conducted by senior ACSM advisor (Netty Camp) from June 30 – July 4, 2014. 2 nd round (final visit) planned at the end of July 2014. Final report will be prepared after completing the 2 nd round visit.	Oct 13	Jul 14	Ongoing
1.3.6	KNCV	Reference material for CSO	Education material (brochure) prepared for CSO and public & printed	Mar 14	Jul 14	Completed
1.3.7	KNCV	TB message for public	Poster prepared & printed	Oct 13	Jun 14	Completed
1.3.8	MSH	TB Newsletter	Quarterly newsletter printed and distributed	Nov 13	Sep 14	Ongoing
1.3.9	MSH	Review Meetings central	Quarterly review meeting of TB Media Forum members conducted at Dukem on 2 March, 2014. A total of 25 members participated.	Oct 13	Sep 14	Completed
1.3.10	MSH	WTD Commemoration	Participated in the organizing committee meeting, successfully conducted on March 24, 2014, Supported the WTD commemoration at Hawassa, Tigray and Amhara distributed all in all 4,500 t-shirts with TB messages.	Mar 14	Mar 14	Completed

1.3.11	MSH	Assessment radio program	The TOR was finalized, advertised, and - the bid opening took place last week of June and our team will start the individual evaluation in the coming weeks.	Apr 14	Jun 14	Ongoing
1.3.12	MSH	TB message via radio	TB message using FM radio being aired regularly	Nov 13	Sep 14	Ongoing
1.3.13	MSH	Panel Discussions	Five out of four for the year, panel discussion conducted. The 5 th was on 21 June 2014 where 169 participants (F= 6) from Ethiopian Orthodox Tewahedo Church participated.	Nov 13	Sep 14	Completed
1.3.14	MSH	Assessment on DOT & IPT	The assessment proposal finalized and data collectors trained. Data collection is now close to completion.	Mar 14	Jun 14	ongoing
1.3.2 B	MSH	WTD Commemoration	Supported Addis Ababa Health Bureau to conduct sensitization workshop for 75 journalists and developed 12 banners which were displayed in the city during the WTD commemoration	Jan 14	Jan 14	Completed

Fig 1: Panel Discussion with Ethiopian Orthodox Tewahdo Church.



Fig 2: Civil Society Organization members providing TB awareness raising education to their community in Addis Ababa slum areas

2.2 Laboratories

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date	Comments
2.1.2	Laboratories with working internal and external QA programs for smear microscopy and culture/DST		67%	75%	Measured annually	
2.1.3	Laboratories demonstrating acceptable EQA performance		67%	75%	Measured annually	
2.2.1	Confirmed link with an SRL through a memorandum of agreement		Yes	Yes	Measured annually	
2.3.1	Diagnostic sites offering advanced technologies for TB or drug-resistant TB				28 = Xpert sites; 8=LPA & Culture sites(RL)	
2.3.3	Patients diagnosed with GeneXpert		Unknown	3,000	25%	From MDR-TB diagnosed in 2014
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status
				Start	End	
2.1.1	MSH	Equipment maintenance	Training was conducted in SNNPR from April 23-27/2014. A total of 13 (M=13 , F=1) biomedical engineers / technicians were trained on microscope maintenance	May 14	Jun 14	Completed
2.1.2	MSH	OR on TB lab diagnosis	Activity budget cut	Nov 13	Feb 14	Cancelled
2.1.3	MSH	TB microscopy EQA RRLs	Onsite supervision on LED implementation was conducted in Tigray region twice: on 08-18 Dec., 2013 & 05-13 March, 2014. Two rounds of training on randomization and collection of slides was conducted for 57 (M=48, F=90) and 28 (M=27, F=1) TB focal persons/ clinical officers at Arbaminch and Mizan on 23-24 Jan. & 03-04 Feb., 2014 respectively.	Dec 13	Mar 14	Completed
2.1.4	MSH	TB microscopy EQA - EHNRI	Discussion started with EHNRI , Activity rescheduled in August	Mar 14	May 14	Postponed
2.1.5	MSH	TA improving diagnosis	<ul style="list-style-type: none"> International TA supported the development of a draft national 5 year TB laboratory strategic plan. The final document will be shared when it's ready. Charles Kagoma & Valentina participated from Feb 17 -27/2014 	Aug 14	Sep 14	Ongoing
2.1.6	KNCV	Procure Genexpert	<ul style="list-style-type: none"> TB CARE I supporting the procurement 	Jan 14	Jun 14	Ongoing

			of 8 GeneXpert machines and 2000 cartridges. (PMDT section 4.1.3)			
2.1.7	MSH	Introduction of LED fluorescence microscopy (LED FM)	Training on AFB Microscopy using Ziehl-Neelsen (ZN) & LED FM was conducted in Tigray from January 10-16 2014. One round training was conducted in SNNPR from April 23-29/2014. A total of 30 (M=21, F=9) lab professionals were trained on LED – FM	Oct 13	Apr 14	Completed
2.1.8	MSH	Support lab TWGs	Actively participate in the regular quarterly meetings and workshops	Oct 13	Sep 14	Ongoing
2.1.9	MSH	Training on TB culture	Training was conducted from May 26- June 7/ 2014. A total of 14 (M=13, F=1) lab professionals from TB culture labs (regional and hospitals of Addis Ababa) were trained.	Feb 14	Mar 14	Completed
2.1.10	MSH	LED microscopes	A total of 43 microscope procurement finalized for both (2.1.10 & 2.1.5B), expected date of shipment July 15/2014.	Mar 14	May 14	Ongoing
2.1.11	MSH	Update AFB manual	Draft document is ready. The final document will be ready for printing in Oct-Dec	Dec 14	May 14	Ongoing
2.1.12	MSH	TB lab strategy	International consultants identified, TOR developed and distributed. A national workshop on the lab strategy has been organized (Feb 17-28, 2014) and international consultants are working on the document.	Nov 13	Feb 14	Ongoing
2.1.3 B	MSH	Training overseas	Canceled because of budget cut	Feb 14	Feb 14	Cancelled
2.1.4 B	MSH	Introduction of LED	<ul style="list-style-type: none"> • Training conducted in SNNPR from June 6-22/2014. A total of 29 (M=20, F=9) hospital lab professionals were trained on LED-FM. • One round training scheduled for Federal hospitals in September as per the agreement with EPHI. 	Jan 14	Feb 14	Ongoing
2.1.5 B	MSH	LED microscope	Procurement almost finalized/Shipment expected on July 15 2014	Mar 14	Mar 14	Ongoing

2.3 Infection Control

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date		Comments
3.1.1	National TB-IC guidelines that are in accordance with the WHO TB-IC policy have been approved		Y	Y	Y		
3.1.2	TB-IC measures included in the overall national IPC policy		Y	Y	Y		
3.2.1	"FAST" strategy has been adapted and adopted		0	2	Not yet measured (at the end of Q3)		
3.2.2	Facilities implementing TB IC measures with TB CARE support		244	280	38		The activity is not measured quarterly & cumulative
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status	
				Start	End		
3.1.1	KNCV	Set standard for HF design	Guideline finalized, proof read at HQ level and sent to FMOH for endorsement; waiting endorsement by the Ministry and then printing.	Oct 13	Dec 13	Ongoing	
3.2.1	KNCV	Introduce FAST strategy	Proper FAST Introduction Workshop conducted in May, using TA for 10 selected Health Facilities in Addis Ababa.	Dec 13	Sep 14	Ongoing	
3.2.2	KNCV	Assessment on TB	National task force has finalized protocol, data collection soon to be finalized.	Oct 13	Aug 14	Ongoing	
3.2.3	KNCV	Minor renovation TB clinics	Renovation started at Hosana and Bishoftu, Progress status in both sites is more than 85% completed.	Oct 13	Sep 14	Ongoing	
3.2.4	KNCV	N-95 respirators	55,000 N-95 respirators were procured and are now in country: processing custom clearance.	Oct 13	Aug 14	Ongoing	
3.2.5	KNCV	Surgical masks	Budget used to procure N95	Oct 13	Aug 14	Cancelled	
3.2.6	KNCV	Supportive Supervision	Technically and financially supported national TB and MDR-TB supervision in Tigray and SNNPR.	Oct 13	Aug 14	ongoing	
3.2.7	KNCV	Review meeting on TB-IC	Conducted one round of review meeting-with Addis Ababa Health Bureau, for 31 Health Centers for two days. Similar event will be conducted in Q III for Oromiya trained HFs	Jan 14	Jul 14	Ongoing	
3.2.8	KNCV	TA on TB-IC	TA mission conducted (Dr Max Meis) and FAST workshop facilitated.	Apr 14	Aug 14	Completed	
3.4.1	KNCV	Training HCW	Trained 74 (F=18) program experts from Tigray mainly on TB-IC.	Feb 14	Jun 14	Completed	

3.4.2	KNCV	Training overseas	Two experts from Ministry of Health attended TB IC training in Rwanda, in March 2014, supported by TB CARE I.	Dec 13	May 14	Completed.
3.4.3	KNCV	Training architects	Preparations finalized to train architects/engineers from all regions, aligning with TA (3.2.8).	Jan 14	Jun 14	Ongoing

2.4 PMDT

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date		Comments
C6	Number of MDR cases diagnosed		270	420	Q1 (156) + Q 2(167) Total n=323		Data from FMOH
C7	Number of MDR cases put on treatment		340	450	Q1 (122)+Q2 (132) Total is n=254 (79%)		Data from FMOH
4.1.2	MDR TB patients who are still on treatment and have a sputum culture conversion 6 months after starting MDR-TB treatment		20%	52%	47% (64/135)		Among Q1 enrollees in 2013 from FMOH
4.1.3	MDR TB patients who have completed the full course of MDR TB treatment regimen and have a negative sputum culture		85%	86%	73.5% (75/102)		Data for 2011
4.1.4	A functioning National PMDT coordinating body		Yes	Yes	Yes		Ongoing
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status	
				Start	End		
4.1.1	KNCV	Training HCW	<ul style="list-style-type: none"> A total of 158 HCWs trained on basic PMDT in Q1 to Q3. Additionally 26 HCWs were trained as TOTs on PMDT in SNNPR. HCWs 21 (F=12) trained on PMDT in ALERT hospital from May 26-30, 2014. 	Nov 13	Sep 14	Completed	
4.1.2	KNCV	International Training	International training on PMDT in collaboration with the Union planned from July 7-11,2014.	May 14	May 14	Ongoing	
4.1.3	KNCV	Procure lab equipment	<ul style="list-style-type: none"> After discussion with FMOH, procurement ordered through FMOH (8 Xpert machines). Quotation expected in July from GDF to initiate payment. 	Jan 14	May 14	Ongoing	
4.1.4	KNCV	Update guideline	<ul style="list-style-type: none"> Final draft ready for print. Training material also finalized and trainings are being conducted using new material. 	Oct 13	Jul 14	Completed	

4.1.5	KNCV	National workshop PMDT	<ul style="list-style-type: none"> GeneXpert review workshop was conducted and 50 HCWs and program managers from GeneXpert implementing sites participated in April 24-25, 2014 in Bishoftu. 	Oct 13	Dec 13	Completed
4.1.6	KNCV	Procure SLDs	Activity/Budget modification requested (adequate stock status at national level)	Oct 13	Jun 14	Cancelled
4.1.7	KNCV	Procure ancillary drugs	Ancillary drugs procured & distributed, there is a discussion to procure KCI in Quarter 4	Oct 13	Sep 14	Ongoing
4.1.8	KNCV	Socio-economic support	<ul style="list-style-type: none"> The planned support was for 150 MDR-TB patients, 160 were enrolled & 40 completed their treatment. Currently at ALERT hospital 120 MDR-TB patients are getting support. Technical advice given to Tigray, Amahara and SNNPR Regional bureaus on utilization of funds from Global fund for patient support. 	Oct 13	Sep 14	Ongoing
4.1.9	KNCV	Standardization of patient support scheme	Draft finalized and incorporated in the draft PMDT Guideline.	Jan 14	Mar 14	Completed
4.1.10	KNCV	Renovation Part II	Overall the three renovation projects completed more than 90% of physical structure.	Oct 13	Mar 14	Ongoing
4.1.11	KNCV	Equipment for MDR sites	<ul style="list-style-type: none"> Equipped Geda MDR-TB ward and partly existing Bishoftu MDR-TB unit. List prepared for the new Bishoftu MDR-TB ward and procurement initiated. For ALERT Hospital, electric power generator and washing machine procured and installed. Moreover, the MDR-TB center at ALERT was equipped based on identified gaps. 	Jan 14	May 14	Completed
4.1.12	KNCV	TA on PMDT	Drs Agnes Gebhard and Kathy Fiekert from Nov 11-15, 2013	Jan, 14	Jul 14	Completed
4.1.13	KNCV	TA on rapid diagnostics (Xpert)	Sanne van Kampen & Kathleen England from May 25- Jun 7, 2014 provided TA on national Xpert implementation guideline development and evaluation of 22 Xpert sites – report with recommendation submitted to the national lab & NTP	Jan 14	Mar 14	completed
4.1.14	KNCV	Supportive supervision and Strengthen linkage of TIC and TFC	<ul style="list-style-type: none"> Conducted Supportive Supervision for SNNP & Tigray RHB from Dec 23, 2013 to Jan 01 2014, and Jan 20-23, 2014. Supported and participated in national 	Oct 13	Aug 14	Completed

			PMDT supportive supervision			
4.1.15	KNCV	Completing renovation	Actual renovation started at Yirgalem-MDR-TB Ward and 75% of the work completed.	Oct 13	May 14	Ongoing
4.1.16	KNCV	Networking of MDR sites	Regional workshops conducted for SNNPR and Tigray RHBs to facilitate networking of health facilities and laboratories.	Feb 14	Jun 14	Ongoing
4.1.17	KNCV	Assessment on PMDT	Postponed for Q4	Jan 14	Jun 14	Pending
4.1.18	KNCV	Upgrade culture laboratory	Started at St. Peter Hospital; more than 65 % of the work completed.	Oct 13	Aug 14	Ongoing
4.1.19	KNCV	Equipment for culture laboratory	Equipment for St. Peter and Bishoftu procured and on the process of delivery for Bishoftu.	Mar 14	Aug 14	Ongoing
4.1.20	KNCV	Negative pressure system	Support requested by AHRI and budget transferred with MOU. Communication and administrative preparations are going on to install the negative pressure system, with BSC in 4.1.21	May 14	Sep 14	On going
4.1.21	KNCV	Negative pressure system	Physical renovation for St Peter hospital is going on; we will initiate the process in Q4	May 14	Sep 14	On going
4.1.22	KNCV	Safety cabinet	Budget transferred (137,259 US) to AHRI account which includes 4.1.19 activity budget.	May 14	Sep 14	On going
4.1.23	KNCV	Safety cabinet	Physical renovation is going on for St Peter hospital and safety cabinet will be installed after completing the renovation.	May 14	Sep 14	On going
4.1.24	KNCV	Training PMDT	Second national advanced PMDT training will be conducted in early Q4. Preparations completed to conduct the training.	Jan 14	July 14	Pending
4.1.25	KNCV	Equipment for MDR wards	Equipment will be procured for three MDR-TB renovated sites; waiting for finalization of the physical renovations	May 14	Sep 14	Pending
4.1.26	KNCV	TB Symposium	Planned for Q4	Oct 13,	Sep 14	Pending

2.5 TB/HIV

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date	Comments
5.1.1	New HIV patients treated for latent TB infection during reporting period		20%	25%	Measured annually	The source of data is the National HMIS and/or TB/HIV surveillance report. No separate report is available for TBCARE I-E.
5.2.1	HIV-positive patients who were screened for TB in HIV care or treatment settings		90%	95%	Measured annually	
5.2.2	TB patients (new and re-treatment) with an HIV test result recorded in the TB register		95%	98%	Measured annually	
5.2.3	TB patients (new and re-treatment) recorded as HIV-positive		10%	8%	Measured annually	
5.3.1	HIV-positive TB patients started or continued on antiretroviral therapy (ART)		51%	75%	Measured annually	
5.3.2	HIV-positive TB patients started or continued on CPT		80%	90%	Measured annually	
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status
				Start	End	
5.2.1	MSH	Review meetings	TB/HIV review meeting is integrated in the general TB review meeting, conducted for second time in this quarter.	Jun 14	Jul 14	Ongoing
5.2.2	MSH	Union conference	Participated & presented in "Improving TB case detection using SOP in Ethiopia" at a symposium in the IUATLD in Paris.	Nov 13	Nov 13	Completed
5.2.3	MSH	Piloting Mortality	Activity modification requested, activity has been cancelled.	Dec 13	Apr 14	Cancelled
5.2.4	MSH	TA on mortality audit tool	Activity modification requested, activity has been cancelled.	Jan 14	Jan 14	Cancelled
5.2.5	MSH	TOTs on TB and TB/HIV	Conducted two rounds of trainings in Mizan and Butajira towns in collaboration with Southern region (SNNR) health bureau to 30 and 32 health care workers from January 22-27 and January 30-February 04 respectively.	Jan 14	Sep 14	Completed
5.2.6	MSH	Reprint guideline	6,500 copies of national TB/HIV	Feb 14	Mar 14	Completed

			implementation guidelines printed. Distribution has already been started.			
5.2.1 B	MSH	Review meetings	Activity modification requested	Jul 14	Jul 14	Cancelled
5.2.2 B	MSH	National assessment	Data collection is now near completion.	Apr 14	Jul 14	Ongoing
5.2.3 B	MSH	TOTs on TB and TB/HIV	Three regional TBHIV and TBL trainings were provided in Butajira, Mekelle and AA to 74, 83 and 90 trainees respectively.	May 14	Nov 14	Ongoing
5.2.4 B	MSH	Reprint guideline	Activity modification requested	Feb 14	Apr 14	Cancelled
5.2.5 B	MSH	Tool contact investigation	Activity modification requested	Apr 14	May 14	Cancelled
5.2.6. B	MSH	TB/HIV message via radio	Activity modification requested	Feb 14	Sep 14	Ongoing
5.2.7 B	MSH	TB/HIV & TB case detection SOP	Activity modification requested	Jun 14	Jun 14	Cancelled
5.2.8 B	MSH	TB/HIV SOP follow up	Activity modification requested	Jun 14	Sep 14	Cancelled
5.2.9 B	MSH	Document TB/HIV SOP experiences	Activity modification requested	Aug 14	Aug 14	Cancelled

NB. Many activities cancelled due to significant budget cut and little or no saving of the past years.

2.6 HSS

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date	Comments
6.2.1	TB CARE-supported supervisory visits conducted			20	16	PMDT, TB IC & OR activities were main areas for supervisory visit (as new initiatives for NTP)
6.2.2	People trained using TB CARE funds		845	784	853 (F=296)	
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status
				Start	End	
6.1.1	KNCV	Workshop on sustainability	<ul style="list-style-type: none"> Supported laboratory accreditation process for ALERT hospital (to strengthen the hospital laboratory capacity) Provided office communication equipment (LCD, Fax machine and printer) for FMOH department which is responsible for TB control activities in the pastoralist regions of the country 	Apr 14	Jul 14	Ongoing
6.1.2	KNCV	TA on financial sustainability	This activity was not taken up by the national / MoH as a priority. Laboratory accreditation workshop & special need for emerging regions new directorate supported with the budget	Apr 14	Jul 14	Cancelled
6.1.3	WHO	Stop TB partnership	Discussion made with MoH to revise/develop the TB program management training material and the process is started	Jan. 2014	Jan 2014	Ongoing
6.2.1	WHO	Supportive supervision	TB and TB/HIV program specific supportive supervisions done in Amhar, Oromia and SNNPR regions	Dec.13, March 14, June 14, Aug. 14	Dec.13, March 14, June 14, Aug. 14	Ongoing
6.2.2	WHO	Training program managers	Planned in Aug 2014	Jan 2014	Jan. 2014	Pending

2.7 M&E, OR and Surveillance

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date	Comments
7.1.1	An electronic recording and reporting system for routine surveillance exists at national and/or sub-national levels		Yes (MDR-TB)	Yes (MDR-TB)	Yes	An electronic data base has been developed through TB CARE support, however, only in few HFs functional.
7.2.1	Data quality measured by NTP		No	Yes (regional)		
7.2.2	NTP provides regular feedback from central to intermediate level		Yes	Yes	Yes	
7.3.1	OR studies completed		6	15	7	1 st cohort 6 teams finalized & submitted their manuscript for publication in PHA journal and 1 conducted & completed by TB CARE/KNCV with NTP staffs
7.3.2	OR study results disseminated		83%	85%	50%	Presented at a national annual TB Research conference, March 2014
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status
				Start	End	
7.2.1	KNCV	Mentoring MDR sites	Conducted need based technical assistance to newly opened 4 MDR TIC (treatment Initiating Centers).	Dec 13	Sep 14	Ongoing
7.2.2	KNCV	Print Register and formats	Revised national TB, TB/HIV and MDR-TB formats are printed (as per the NTP/MoH request)	May 14	Jun 14	Completed
7.2.3	KNCV	Prepare documentary	This activity cancelled due to budget shortage (cut)	Apr 14	Jul 14	Cancelled
7.2.4	KNCV	Strengthen MDR data management	NTP/MoH working with partners to improve information related to MDR-TB in the country	Jan 14	Feb 14	Ongoing
7.3.1	KNCV, The union	Training on OR (4 rounds)	<ul style="list-style-type: none"> OR training for cohort I Block III on manuscript writing conducted from February 17-21, 2014, 17 trainees (F=2, M=15) and 5 mentors (all male) attended the course 2nd block training for cohort II planned from July 14-18, 2014 	Oct 13	May 14	Ongoing
7.3.2	KNCV	Conduct OR by cohort II	Cohort II, 7 teams at the stage of finalizing	Jan 14	Jan 14	Ongoing

			their data collection			
7.3.3	KNCV	Grant OR proposal (I &II)	Final 6 OR proposals selected and signed agreement for sponsorship, financial support provided and on stage of data collection	Oct 13	May 14	Ongoing
7.3.4	KNCV	Mentoring for OR	Mentors from respective regional universities are supervising & mentoring OR teams of cohort I & II	Nov 13	Nov 13	Ongoing
7.3.5	KNCV	TRAC conference	The 9 th TRAC conference from March 21-23, conducted successfully in Hawassa (SNNPR)	Mar 14	Mar 14	Completed
7.3.6	KNCV	TB conference	<ul style="list-style-type: none"> Abstracts of the 1st cohort team (6) submitted for the 2014 Union conference. Prepared a satellite symposium on Ethiopian experience of OR capacity building project at the Union conference 	Oct 13	Nov 13	Ongoing
7.3.7	KNCV	Support regular TRAC meetings	A one day regular TRAC meeting conducted in Feb mainly focusing on TRAC conference and selection of new chair	Oct 13	Sep 14	Ongoing
7.3.10	KNCV	Support research Ethics activities	<ul style="list-style-type: none"> Phase II capacity building training for regional ethics committees conducted from May 19-23, 49 (M=42) participants attended the training. Follow up visit to assess progress planned in Q4 	Jan 14	Mar 14	Ongoing
7.3.12	KNCV	TOT on OR	Budget cut	Apr 14	Jun 14	Cancelled
7.3.13	KNCV	Training on Impact Assessment Framework	<ul style="list-style-type: none"> One training conducted in Oct 14-18, 2013, 17 participants (F=4, M=13) attended the course. In collaboration with the Union, the 2nd part of IAF training planned in Q4 	Oct 13	Dec 13	Completed
7.3.17	KNCV	Conduct impact assessment	One OR on impact of GeneXpert in the diagnosis of TB & MDR-TB in Addis Ababa (as part of IAF training) being supported, data collection will soon to start	Jan 14	Mar 14	Ongoing

S/N	study started	Title	Technical area	Budget	Status	Objectives	Method	Brief results	Means of dissemination
1	APA 3	Evaluation of routine contact investigation in Ethiopia: a missed opportunity in preventing childhood TB	Universal access - Children	3000	Completed	To assess tstatus and factors influencing implementation of child contact screening and management in Ethiopia.	cross sectional	A total of 230 children were living in a household with a smear positive index PTB patient and 152 (66.1%) of these children were not screened for TB. Among the 78 (33.9%) children screened, 2 had TB, 76 screened negative and only 3 (3.8%) were put on IPT.	Presented on the national annual TB research conference (2014) & submission to int journal
2	APA3	Factors influencing pts adherence to anti-tb Rx in Mekelle zone	TB Rx	6.177	Completed	to determine factors contributing to poor adherence	cross sectional-quantitative & qualitative	Visual analogue scale (VSA) has showed that 91% of TB patients were adherent, and history of drug side effect and knowledge on TB found to be significant predictors of adherence to anti-tb treatment.	Presented on the national annual TRAC conference & to be published in PHA
3	APA2b	Factors associated with case notification of smear positive TB in SNNPR	Universal access - case finding	5.900	Completed	to assess factors contributing to large zonal variation in case notification of sm +ve cases	cross sectional	Assignment of full time care provier in TB clinic, above median knowledge score of health care workers and availability of recording tools in health centers were independent pridictors of high case notification rate of smear positive	Annual TRAC conference & to be published in PHA
4	APA2b	Tuberculosis treatment outcome under centralized and decentralized care among smear positive pulmonary TB cases, in	universal access	5.900	Completed	To compare treatment cure rate among patients receiving centralized vs decentralized level of	cross sectional	Proportion cured was similar in the two groups while proportion completed treatment was higher at community level, fewer patients died and defaulted	Annual TRAC conference & to be published
5	APA2b	Implementation of Tuberculosis Screening in Public Health Centers in Amhara Region, Northern Ethiopia	Universal access - case finding	4.500	Completed	To assess the implementation of tuberculosis screening in public health centers of Amhara region, Northern Ethiopia	cross sectional	72% of health centers had good TB screening practice defined as screening >80% of attending patients at the out patient department. The yield was 1.6%, and having multidiciplinary team & partners support improved screening	Annual TRAC conference & to be published
6	APA2b	Operational challenges in the management of Multidrug Resistant Tuberculosis patients at treatment follow-up Health centers in Addis Ababa, Ethiopia	PMDT - Assessment	4.300	Completed	To investigate the operational challenges related to the management of MDR-TB patients in treatment follow-up centers.	cross sectional	The MDR-TB / HIV co-infection rate was 17% out of the 135 patients with documented test result but for overall MDR-TB patients under follow up for 86(38.9%) patients the HIV status was unknown or not documented. 132(60%) were currently on treatment, 31(14%) refered back to TIC & for 38(17.2%) of patients had no information on their treatment outcome	Annual TRAC conference & to be published
7	APA 2b	Treatment outcomes of smear negative and extra pulmonary Tuberculosis cases compared to smear positive cases in Addis Ababa	TB Rx outcome	4.336	Completed	To assess the treatment outcomes of smear negative and extra pulmonary tuberculosis cases compared to smear positive cases in public and private health facilities in Addis Ababa	cross sectional	Smear negative & EPTB cases were not evenly distributed among HFs. EPTB cases were overrepresented in private HFs and smear negative PTB in health clinics than hospitals. No difference was obstered in treatment outcome between private and public HFs. The most common missing information was patient & contact addresses and unfavourable outcome correlated with missing information & old age.	Annual TRAC conference & to be published

Table 1: Summary of Operational Researches conducted and completed

2.8 Drugs

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date		Comments
8.1.1	National forecast for the next calendar year is available		Yes	Yes	Yes		National forecasting done until 2015
8.1.2	Updated SOPs for selection, quantification, procurement, and management of TB medicines available		Yes	Yes			
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status	
				Start	End		
8.1.1	MSH	Quantification workshop	Discussion repeatedly done MOH with PFSA. However due to competing priorities this activity is postponed until Q 4	Oct 13	Nov 13	Postponed	
8.1.3	MSH	Supportive Supervision	One round of supportive supervision conducted jointly with Dire Dawa Procurement agency staff for 28 HFs (November 17-24, 2013)	Dec 13	May 14	Ongoing	
8.1.4	MSH	Scale up Patient kits	<ul style="list-style-type: none"> A TB patient kits orientation event to HFs in Tigray was held on 12 April, 2014 at Axum Hotel, Mekelle. A total of 27 (21-M, 6-F) participants have attended the event. Two rounds of orientation events on the implementation of TB Patient kits are conducted in collaboration with SNNP RHB at Mizan Teferi & Wolaita Dodo towns on 02 & 06 June, 2014 respectively. A total of 84 participants (75-M & 9-F) 	Aug 14	Aug 14	Completed	
8.1.5	MSH	IPLS training	<p>Training on Integrated Pharmaceutical and Laboratory Supply System for Pharmacy professionals from Tigray & Southern region (SNNPR) conducted – 2 round.</p> <ol style="list-style-type: none"> 55 Participants (30-M, 25-F) from health centers in Tigray. 14-16 February, 2014 at Axum Hotel, Mekelle 56 participants (32-M, 24-F) from HFs in SNNPR. 28 Feb–2 March, 2014 at central Hawassa Hotel, Hawassa 	Jan 14	Feb 14	Completed	
8.1.6	MSH	Training on Basic TB Training of pharmacists	Training on Basic TB to pharmacy professionals from MDR TB treatment/ follow up sites in Tigray was held from 12-13 April, 2014 at Axum Hotel, Mekelle. A total of 32 participants (23 – M, 9 – F) have	Apr 14	Apr 14	Completed	

			attended the event.			
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3. TB CARE I's support to Global Fund implementation in Year 4

Current Global Fund TB Grants

Name (i.e. Round 10 TB)	Average rating*	Current rating	Total approved amount	Total disbursed to date
ETH-T-FMOH		A2	41,864,370	40,631,526

* Since January 2010

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

Ethiopia has two active GF grants for TB which includes Round 9 and 10. Phase I of Round 10 covers the period up to June 2014, for which all disbursement for year I & II of the allocated amount is completed. The Ministry of Health is working on finalizing work plan together with regional health bureaus. Proposal for phase II renewal has been submitted and face-to-face discussion between PR and GF was also conducted.

The total requested amount for phase II is 65 million US dollars. The main challenges encountered so far are timely liquidation of the allocated funds and weak programmatic performance in achieving some of the targets. A meeting was conducted between FMOH, USAID and partners, in January 2014, where they agreed to align resources and establish a coordination mechanism for ensuring efficient utilization of resources coming from GF and USAID partners.

Nine out of the eleven programmatic indicators in the performance framework were due for reporting in the reporting period between 01 Jan 2013 and 30 June 2013, and the overall programmatic performance was satisfactory. The national TB program team received a formal letter in December 2013 requesting a direct transfer of money to GDF/IDA for the procurement of second line drugs which was approved by the Ministry of Health and now the process is underway. Based on the current cash transfer, there is a savings of about 1.2 million USD which would be available for supporting other activities.

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

KNCV through TB CARE I has been supporting the implementation of global activities by actively participating in the key programmatic activities including development of strategic plan, Phase II GF renewal, national TB program review meeting, external TB program review. Moreover, KNCV/TB CARE I has been a key partner in the revision of guidelines on PMDT, development of a GeneXpert implementation plan, participation in a GF high impact Africa meeting and provision of key technical assistance to the national TWG.

4. MDR-TB cases diagnosed and started on treatment in country (TB CARE I data)

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
Total 2010	140	114	Latest available (updated) date from MoH
Total 2011	121	116	
Total 2012	300	289	
Jan-Mar 2013	89	85	
Apr-Jun 2013	104	86	
Jul-Sep 2013	145	125	
Oct-Dec 2013	158	156	
Total 2013	496	452	
Jan-Mar 2014	165	127	
Apr-Jun 2014	NA	Not available	Being compiled
Total 2014			

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	KNCV	1.3.5	Netty Kamp	TA on ACSM/CSO	February	1 week (50%) completed	Jun 30 – July 4, 2014	July 28-Aug 1, 2014 (planned)
2	KNCV	3.2.1	Amos Kutwa	TA on TB-IC	March	Completed (Dr Max meis)		Replaced by Dr Max Meis (2x)
3	KNCV	2.1.13	Valentina Anismova	TA on rapid diagnostics	February	Completed	Feb 15-28, 2014	
4	KNCV	4.1.14	Victor Ombeka	TA on PMDT	May	Completed	Nov 11-15, 2013	TA was provided by Agnes & Kathy
5	KNCV	6.2.3	Bert Schreuder	TA on HSS	March	Cancelled		Activity MoT requested due to national direction
6	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-C-1, B-II	November	Completed	Dec 16-20, 2013	
7	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-C-1, B-III	February	Completed	Feb 17-21, 2014	
8	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-C-2, B-II	May	Completed	July 14-18, 2014	
9	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-C-2, B-III	June	Postponed		Postponed to Oct 2014
10	MSH	1.2.16	Abel Nkolo	TA contact investigation	June	Cancelled		
11	MSH	2.1.6	Charles Kagoma	TA on laboratory	July	Completed	Feb 17-28, 2014	
12	MSH	5.2.4	Abel Nkolo	TA on mortality audit tool	May	Cancelled		(activity MoT requested)
13	The Union	7.3.1	ID Rusen	TA to support OR training-C-I, B-II	November	cancelled		Decided one TA (i.e Ritta) from the Union is enough – cost implication

14	The Union	7.3.1	Ritta Dlodlo	TA to support OR training-C-I, B-II	November	cancelled		
15	The Union	7.3.1	ID Rusen	TA to support OR training-C-II, B-II	February	Cancelled		
16	The Union	7.3.1	Ritta Dlodlo	TA to support OR training-C-II, B-II	February	Cancelled		
17	The Union	7.3.1	ID Rusen	TA to support OR training-C-I, B-III	February	Completed	Feb 17-21, 2014	Only Ritta
18	The Union	7.3.1	Ritta Dlodlo	TA to support OR training-C-I, B-III	February	Completed	Feb 17-21, 2014	Only Ritta
19	The Union	7.3.1	ID Rusen	TA to support OR training-C-II, B-III	June	Cancelled		
20	The Union	7.3.1	Ritta Dlodlo	TA to support OR training-C-II, B-III	June	Postponed		Planned in Oct
21	The Union	7.3.13	ID Rusen	TA on impact assessment	November	Cancelled		
22	The Union	7.3.13	TBD	TA on impact assessment	November	Completed	July 1 – 4, 2014	LSTM (Dr Ivor Langley)
23	WHO	6.2.2	Consultant from Sondalo	TA on training program management	August			
Total number of visits conducted (cumulative for fiscal year)						11		
Total canceled						9 (39%)		
Total number of visits planned in work plan						23		
Percent of planned international consultant visits conducted						78.6%		