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**TB CARE I**

# **TB CARE I - Ghana**

**Year 3  
Quarterly Report  
October-December 2012**

**January 30, 2013**

## Quarterly Overview

<b>Reporting Country</b>	<b>Ghana</b>
<b>Lead Partner</b>	<b>MSH</b>
<b>Collaborating Partners</b>	<b>KNCV, WHO</b>
<b>Date Report Sent</b>	21/01/2013
<b>From</b>	Rhehab Chimzizi-Country Director
<b>To</b>	Dr. Felix Osei-Sarpong-Activity Manager-USAID Mission
<b>Reporting Period</b>	<b>October-December 2012</b>

<b>Technical Areas</b>	<b>% Completion</b>
1. Universal and Early Access	22%
2. Laboratories	13%
3. Infection Control	25%
4. PMDT	0%
5. TB/HIV	0%
6. Health Systems Strengthening	50%
7. M&E, OR and Surveillance	8%
<b>Overall work plan completion</b>	<b>17%</b>

### Most Significant Achievements

1a. At the end of November, 2012 the implementation of intensified hospital based TB case detection in the six hospitals in two districts of Eastern Region entered its 7th month (**see fig 1a for the map of the region and 1b for the picture of two of the six hospitals**). Monthly monitoring and supportive visits aimed at offering on-job training to health facility staff and collecting TB data continued (**see fig 2**). During this 7 months period (intervention period) a total of 335 TB cases (all forms) and 203 (new smear positive TB cases) were detected representing a monthly average of 49 TB cases and 29 TB cases detected for all forms and new smear positive TB respectively. This showed an increase on the number of TB cases detected on monthly basis comparing with the first 4 months of 2012 (January to April) referred here as pre-intervention period. The monthly average of TB cases detected during the pre-intervention period was 37 TB cases (all forms) and 23 (new smear positive)-**see table 1**.

1b. Through the above mentioned intensified hospital based TB case detection intervention, strategies for reducing TB deaths were introduced through improved clinical and nursing care. As a result of this the monthly TB deaths reduced from 6 in the pre-intervention period to 2 TB deaths during the intervention period. There was a 54% decrease in deaths between pre-intervention and intervention periods (**see figure 3**)

2. The Country Director and the NTP Officials participated in the WHO/AFRO Regional Workshop on National Strategic Planning for Tuberculosis Control. It was held from October 18-22, 2012 in Nairobi, Kenya. During the workshop participants were updated on the development of good TB strategic plans. The strategic planning roadmap for Ghana was developed. This workshop was timely as Ghana's current strategic plan expires at the end of 2013 and a new one (2014-2018) will be developed and produced by the end of the year. Furthermore, the new funding mechanisms for the Global Fund and renewal of existing grants (Phase 2 renewals) will draw more heavily on updated strategic planning thus the need for Ghana to have a well written strategic plan with all the key components of a good plan included.

3. In October 2012, the remaining six (6) chapters of the draft TB guidelines for Ghana were reviewed, validated and discussed with the NTP central Unit team led by the Deputy Program Manager (Dr. Nii Nortey). Timelines for finalizing the national TB guidelines were discussed and agreed.

4. In consultation with the NTP, terms of reference (TORs) for the comprehensive review for the Ghana TB Program was produced. TB CARE I will support four (4) external consultants to be part of this review. The comprehensive review will be conducted from March 18-30, 2013. USAID Washington will be represented by Dr. Christie Hansen. The findings of the comprehensive review will inform the development of the new five-year TB strategic plan for Ghana (2014-2018) and provide a clear roadmap for the post 2015 strategy.

### Overall work plan implementation status

The overall work plan completion is 17%. In Q2 the implementation of the planned activities will be accelerated in line with the Global Fund R10 grant activities. TB CARE I activities compliment Global R10 grant activities. It is anticipated that the R10 grant activities will be equally accelerated as the NTP has now fully received approval from the Global Fund after addressing almost all the condition precedents (CPs).

### Technical and administrative challenges

1. Feedback on the TB patients particularly sputum smear positive cases who are referred to other treatment centers before starting TB treatment is in most cases not received. For example out of the 203 sputum smear positive TB cases detected in the six hospitals between May and November, 2012 a total of 125 (62%) were referred to other facilities before start of TB treatment with no feedback received to indicate whether they have reached their destinations and that they are on treatment where they were referred to. The current TB referral and follow-up systems are being reviewed to assess their effectiveness.

2. Fewer children aged 0-14 years were diagnosed with active TB (only 11 TB cases were diagnosed in 11 months-Jan to November 2012) in the six hospitals (**see figure 4**). The new guidelines on childhood TB have addressed the identified challenges and training to address the insufficient knowledge of health workers on child TB diagnosis and management will be conducted using TB CARE I and Global Fund R10 resources.

### In-country Global Fund status and update

During the quarter under review the Global Fund approved the training plan after the NTP had addressed the Condition Precedents (CPs) after receiving high quality TA from the TB CARE I consultant (Ms. Marleen Heus). Following this approval additional \$5million was disbursed to the NTP bringing total funds disbursed so far to \$13,303,457 representing 41.9% for the phase one approved amount of the R10 grant. Due to the delay in receiving approval for the training plan from the GF as well as the delay in concluding procurements that include 156 LED microscopes and 4 geneXpert machines the absorption rate was 6.6%. The absorption rate is expected to improve during the first quarter of 2013 as the National Prevalence Survey will commence during this quarter and that most major training sessions will also commence. Major procurements that have already started will also be paid for. The GF TB Round 10 Grant is currently rated B1.

## 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	Lessons learned in implementing hospital based TB case detection disseminated to all the districts in the Eastern region and other regions	MSH	15.312	 25%	Mar	2013	A meeting with District and health facility TB coordinators from the districts and the six big hospitals to review the progress of implementing hospital base TB case detection activities and data for the 7 months of implementing the interventions took place on December 12 and 13, 2012. The meeting was also convened to discuss data to be presented during the national review meeting that was held on January 10 and 11, 2013.
	1.1.2	TB Guidelines disseminated	MSH	29.404	 25%	Jun	2013	The National TB guidelines is expected to be finalized and printed in May, 2013. The delay in completing the guidelines is due to the fact that the NTP is also finalizing others guidelines. The National TB Guidelines being the master document for all other TB guidelines it is critical that all the other guidelines and manuals are carefully consulted so that all the NTP documents are in cohesion.
	1.1.3	Best practices for conducting hospital based practices in implementing demonstrated during the 2013 World TB Commemoration	MSH	2.380	 25%	Mar	2013	Preparations for the TB CARE I participation in the World TB Day National Launch has started. The NTP has announced that the World TB Day Commemoration will take place on Friday March 22, 2013 in Kumasi, Ashanti Region
	1.1.4	A documentary on TB case detection developed (Outsource)	MSH	30.174	 25%	Jun	2013	The initial process of sourcing the services of the local consultant to develop the TB documentary has started
	1.1.5	Support visits to districts implementing Intensified TB case detection	MSH	26.585	 25%	Sep	2013	Two monitoring and supportive visits to the six hospitals in the two districts were undertaken in October and December, 2012

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	2012 TB case detection targets reviewed and 2013 targets developed	MSH	13.790	25%	Apr	2013	Consultations with Districts and hospital management teams to plan the meetings have been undertaken and the meeting in Lower Many Krobo District will take place in March 12, 13 and 14, 2013 and in Kwaebibirim district, the meeting will take place during the first week of April 2013
	1.3.2	Health Care workers trained in hospital based intensified TB case detection	MSH	33.012	25%	Apr	2013	In consultation with the Regional Health Directorate for the Eastern Region three additional districts where hospital base TB case detection will be implemented starting this year has been identified
	1.3.3	Clinical Management of TB patients and Childhood TB improved	MSH	30.822	0%	Jul	2013	Consultation with the NTP central Unit has started and there is the possibility that training will take place between March and April, 2013
					22%			

2. Laboratories								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
2.2 Ensured the availability and quality of technical assistance and services	2.2.1	Quality Assurance for TB microscopy assessed	MSH	13.600	0%	Jun	2013	The QA visits to TB diagnostic centers will be completed by June 2013.
	2.2.2	National and Regional Laboratory Supervisors trained in the strategic approach for introducing Genxper technology	MSH	34.082	25%	Apr	2013	Four GeneXpert machines have been procured by the NTP using the GF R10 grant and they have already arrived in the country. The training of lab personnel in the four sites where the machines have been allocated was supposed to take place from January, 2013. However, this has been postponed due to the difficulties in securing a Ghanaian visa by the TB CARE I lab consultant (Dr. Alaine Nyaruhirira).
					13%			

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	Healthy facility TB-IC implemented	MSH		25%	Apr	2013	To be implemented within the framework of activities number 1.3.1 and 1.3.2
	3.2.2	Reporting and recording TB among HCW improved	MSH		25%	Apr	2013	To be implemented within the framework of activities number 1.3.1 and 1.3.2
					25%			

4. PMDT			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
4.1 Improved treatment success of MDR TB	4.1.1	PMDT fully established and recording and reporting of culture and DST data and for MDR-TB	WHO		0%	Sep	2013	Discussions with the former PMU PMDT Officer (Gunta) on how best to support Ghana to scale up PMDT took place in December. Further consultations also took place with the WHO Resident Representative (Dr. Idrissa Sow) on the challenges Ghana is facing to scale up PMDT activities have taken place. It was decided that since the comprehensive Review of the NTP will include MDR-TB issues it is prudent to wait for the recommendations of the external consultants on the next steps. While the review of the program is awaited the NTP is currently in the process of printing the MDR-TB guidelines. TB CARE I will support the development of the MDR-TB curriculum and training of HCW.
	4.1.2	EQA for MDR-TB isolates confirmed	WHO		0%	Sep	2013	In 2012 a total of 190 MDR-suspects submitted sputum samples for culture and DST and out of these 20 were confirmed as having MDR-TB. Isolates are yet to be sent to the supranational lab for confirmation.
					0%			

5. TB/HIV			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
5.2 Improved diagnosis of TB/HIV co-infection	5.2.1	TORs for the National TB-HIV Technical Working Group reviewed	MSH	3.415	0%	Apr	2013	The dates are yet to be determined by the NTP and NACP
	5.2.2	Collaboration and coordination of TB-HIV activities improved	MSH	14.480	0%	Sep	2013	The dates are yet to be determined by the NTP and NACP
	5.2.3	Implementation of TB-HIV collaborative activities reviewed and assessed	MSH		0%	Mar	2013	TB-HIV services will be reviewed during the comprehensive review of the program due to take place from March 18, 30, 2013.
					0%			

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)	6.2.1	MDR-TB and Childhood TB Curriculum developed	MSH	52.957	0%	May	2013	TB CARE I will support the development of the MDR-TB and Childhood TB curriculum to be followed up with training of clinicians and nurses
	6.2.2	WHO/AFRO National Strategic Plan Development Workshop (Nairobi Kenya)	MSH	8.224	100%	Oct	2012	TB CARE I Country Director and NTP Official attended the WHO/AFRO Regional Workshop on National Strategic Planning for Tuberculosis Control in October 2012.
					50%			

7. M&E, OR and Surveillance			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
7.2 Improved capacity of NTPs to analyze and use quality data for the management of the TB program	7.2.1	Recording and reporting and quality of TB data improved	MSH	45.936	25%	Jul	2013	Each monitoring and supervision visits incorporates data quality audits using the RDQA tool. The regions and dates for regional quarterly review meetings are being discussed with the NTP central unit
	7.2.2	TB Control services comprehensively reviewed and assessed	MSH	69.410	25%	Mar	2013	TORS have been developed and consultants have been identified. TB CARE I will support four consultants as follows: One from MSH, one from KNCV and two from WHO. The USAID Washington will be represented by Dr. Christie Hansen
	7.2.3	Findings of the Programme reviewed debriefed	MSH		0%	Mar	2013	The initial findings of the program reviewed will be debriefed to stakeholders immediately after the review by consultants and the final report will be out at the end of April, 2013. The findings of the review will inform the development of the new Strategic plan for Ghana (2014-2018)

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	The capacity to conduct data validation improved	MSH	41.772	 0%	Jul	2013	STTA will be provided by Dr. Eveline Klinkenberg
	7.3.2	The implementation of 2013 annual work plan for the NTP reviewed	MSH	58.218	 0%	Aug	2013	The review will take place in August 2013
		National Prevalence survey supported	MSH	22.263	 0%	Sep	2013	Piloting of the National Prevalence Survey is on going. The main survey will start with one team while awaiting the arrival of additional Digital X-Ray machines with funding sourced through ORIO Project. The sample size of the survey is 63,905 and there are a total of 98 clusters. TB CARE I will support the survey in data management through an external consultant to be identified by the NTP and in consultation with Dr.Ikushi (WHO Geneva).
					 8%			

Total Approved Staffing & Operations Budget	546.163
Grand Total Approved Project Budget	1.200.000

## Quarterly MDR-TB Report

<b>Country</b>	<b>Ghana</b>
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<b>Period</b>	<b>OCTOBER-DECEMBER 2012</b>
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### MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
<b>Total 2010</b>	5	2	The MDR-TB data are not systematically analyzed by quarter. In 2012 a total of 190 MDR-TB suspects had their sputum samples examined for culture and DST and 20 were confirmed MDR-TB patients but no isolate has been submitted to the supranational lab for confirmation
<b>Total 2011</b>	7	2	
<b>Jan-Mar 2012</b>			
<b>Apr-Jun 2012</b>			
<b>Jul-Sep 2012</b>			
<b>Oct-Dec 2012</b>			
<b>Total 2012</b>	20	0	

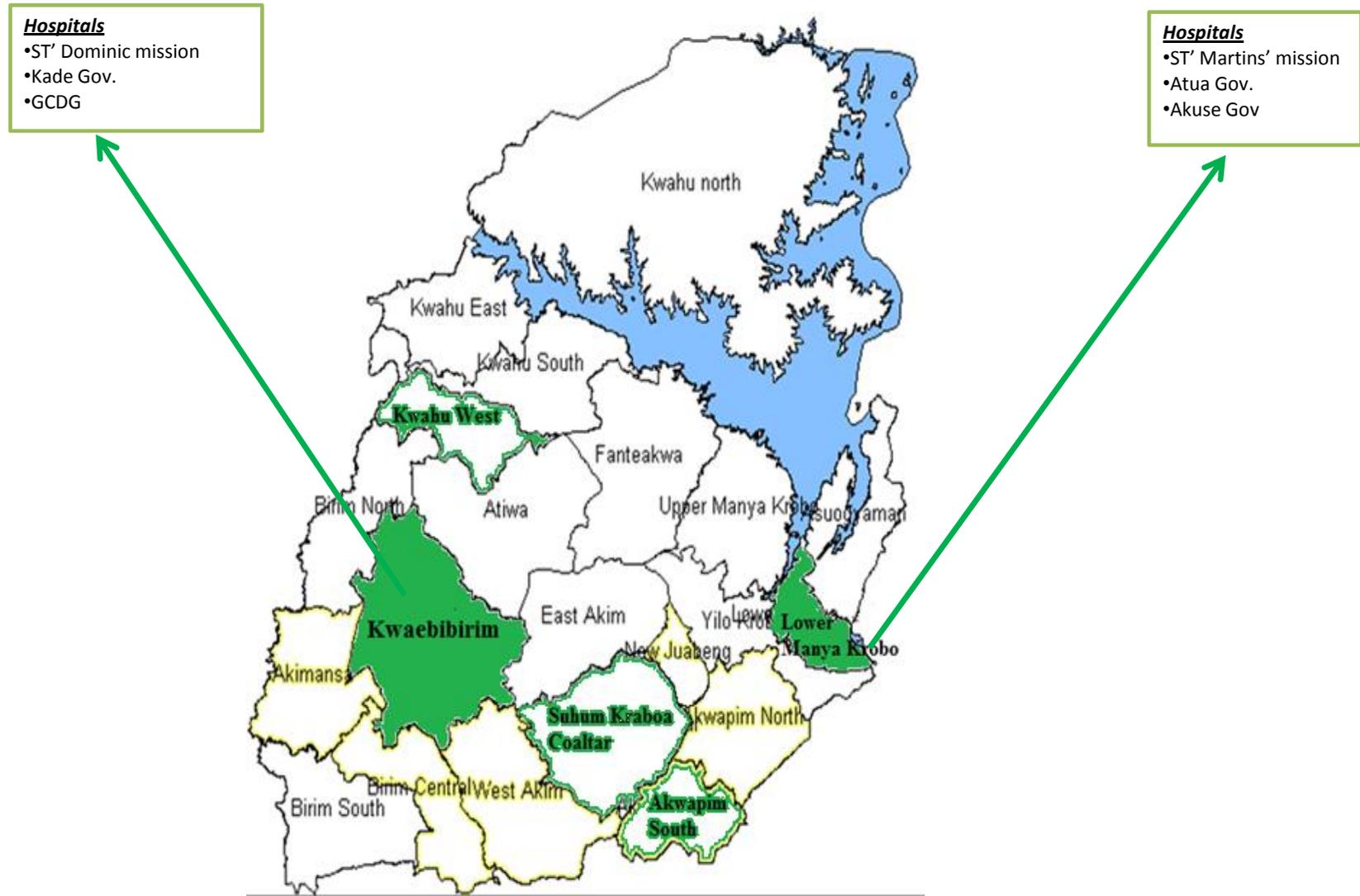
## 6. TB CARE I-supported International Visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Additional Remarks (Optional)
1	KNCV	6.1.1	Marleen Heus (PMDT Expert (Gunta Dravniece from PMU) also is part during this mission to provide clinical back up for MDR-TB Management	Develop MDR-TB and Childhood TB curriculum	May	Planned		
2	KNCV	7.2.2	Eveline Klinkenberg	Train Regional M&E Officers in Conducting Data validation	July	Planned		
3	KNCV	7.1.2	Jacques Van de Broek	Conduct comprehensive review of the TB Programme	March	Planned		Scheduled to take place from march 18-30, 2013
4	MSH	1.1.1	Pedro Suarez	Facilitate the National TB Guidelines Dissemination	May	Planned		Planned to be done by the month of May after taking into consideration all other guidelines and manuals that are in circulation
5	MSH	2.2.2	Grace Kahenya	Lead introduction to GenXpert Technology	January	Postponed		Dr. Alaine Nyaruhirira will provide this TA. It was supposed to take place from January 21-31, however, the consultant had visa problems and this has been postponed to a date to be determined in consultation with the NTP
6	MSH	7.3.2	Pedro Suarez	Conduct a mid-year review meeting with focus on intensified TB case finding	August	Planned		
7	MSH	7.1.1	TBD	National Prevalence Survey	September	Planned		
8	MSH	6.2.2	Rhehab Chimzizi & 1 NTP staff	WHO/AFRO National Strategic Plan Development Workshop	October	Completed	October 18-22, 2012	
9	MSH	Staffing & Operations	Rhehab Chimzizi & Bismarck Adusei	Union Conference	November	Completed	November 11-17, 2012	

10	MSH	7.2.2	Eliud Wandwalo	Conduct comprehensive review of the TB Programme	March	Planned	Scheduled to take place from March 18-30, 2013. Dr. Pedro Suarez will replace Dr. Wandwalo since has left MSH and now Joined GF Secretariat
11	WHO	7.1.2.	TBD	Conduct comprehensive review of the TB Programme (2 consultants)	March	Planned	Scheduled to take place from march 18-30, 2013. One of the consultants from WHO will be Dr. Wilfred Nkhoma
Total number of visits conducted (cumulative for fiscal year)							2
Total number of visits planned in work plan							11
Percent of planned international consultant visits conducted							18%

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

**Figure 1a: Districts and Hospitals implementing Hospital Based TB case detection in Eastern Region**



**Figure 1b: Two of the six hospitals implementing TB case detection activities**

**ST. Dominic' s Hospital**



**ST. Martin's Hospital**



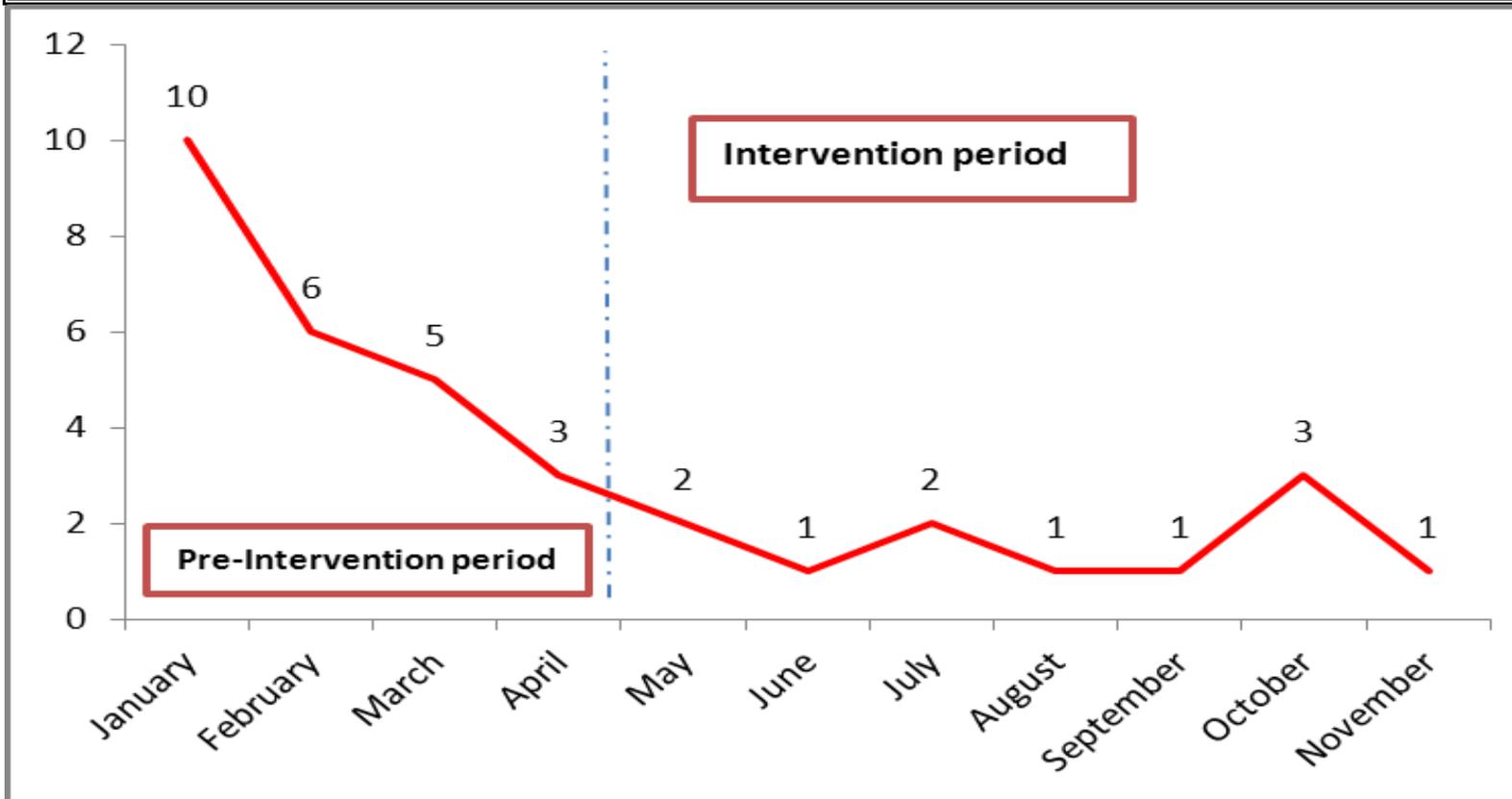
**Figure 2: On-Job training during monitoring and supervision visits**



**Table 1: Outcome indicators on TB hospital based TB case detection in six hospitals in two**

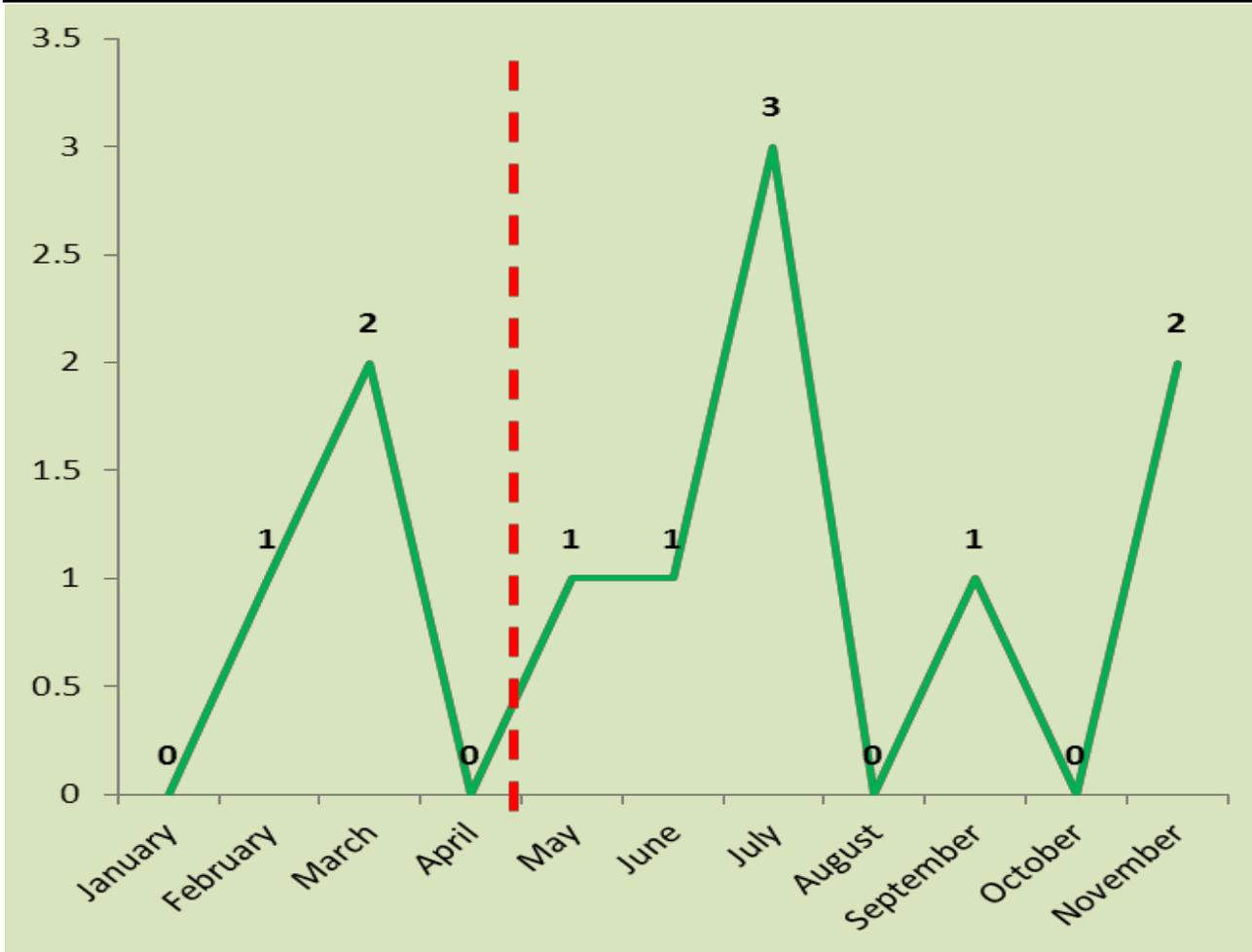
Indicator	Pre-intervention		Intervention		Percentage Increase
	Total	Monthly Average	Total	Monthly Average	
	Jan-April, 2012	A (Jan-April)/4	May-Nov, 2012	B May-Nov/7	
# of suspected TB cases	22	6	1202	172	3022
# of TB Suspects examined in the laboratory	770	193	1956	279	45
# of TB SS+ In the lab register	92	23	203	29	26
# of TB SS+ In the treatment register	35	9	78	11	27
# of TB patientes (all forms) In the treatment Register	87	22	160	23	5
# of TB Patients Referred (all forms)	62	16	175	25	61
Total # TB cases detected (all forms)	149	37	335	48	28

**Figure 3: TB patients who died in the six hospitals during the 11 months period of 2012 : Comparing pre-Intervention (Jan-April, 2012) and intervention periods (May-November 2012)**



**There has been a 54% decrease of TB death between the pre-intervention and intervention period**

**Figure 4: Children <15Yrs detected in the six hospitals during the 11 months period of 2012 : Comparing pre-intervention (Jan-April, 2012) and intervention periods (May-November 2012) in the six hospitals in Eastern Region**



**On monthly average only one child was diagnosed with TB in all the six hospitals: This shows insufficient knowledge of HCW on child TB diagnosis and management.**

## Inventory List of Equipment - TB CARE I



# TB CARE I

<b>Organization:</b>	<b>TB CARE I</b>
<b>Country:</b>	<b>Ghana</b>
<b>Reporting period:</b>	<b>October-December 2012</b>
<b>Year:</b>	<b>APA 3</b>

Description (1)	ID numbers (2)	Acquisition date (3)	Acquisition cost (4)	V.A.T (5)	Location (6)	Condition (7)	Disposition date (8)	Title held by (9)	Insurance Policy #
DELL LATITUDE LAPTOP E6230	S/N D3YV9W1	January 15, 2013	\$1.759,00	EXEMPT	MSH Ghana	Good			
EXTERNAL HARD DRIVE 1TB	IB3720073168	April 2012	\$233,00	VAT/NHIL	MSH Ghana	Good			
PENDRIVE	C906	March 2012	\$29,80	VAT/NHIL	MSH Ghana	Good			
PROJECTOR	CN-0K1CG1-S0081-14G-0167	March 2012	\$1.641,50	VAT/NHIL	MSH Ghana	Good			
DIGITAL CAMERA (SONY NEX 5K)	DSC-HX9/HX9V	February 2012	\$579,00	EXEMPT	MSH Ghana	Good			
DELL LATITUDE LAPTOP	S/N: JDYFYRI	February 15, 2012	\$1.468,93	EXEMPT	Easten Regional Health Directorate	Good			
DELL LATITUDE LAPTOP	s/N: JDYDYRI	February 15, 2012	\$1.468,93	EXEMPT	MSH Ghana	Good			
STATA 12 SOFTWARE	3D40120548136	December 30, 2011	\$967,80	EXEMPT	Easten Regional Health Directorate	Good			
MANAGER'S CHAIR	0006307	November11, 2011	GH¢550	VAT/NHIL	MSH Ghana	Good			
OFFICE CHAIR (M&E OFFICER)	PVC	March 24, 2011	GH¢250	VAT/NHIL	MSH Ghana	Good			
HP LASER JET PRINTER	P3015DN. 42PPM	April 12, 2011	GH¢1,599	VAT/NHIL	NTP	Good			
DELL LATITUDE LAPTOP	s/N: 86J94Q1	April 6, 2011	\$1.500,00	CEPS DUTY	MSH Ghana	Good			
DELL LATITUDE LAPTOP	S/N: BGK94Q1	April 6, 2011	\$1.500,00	CEPS DUTY	MSH Ghana	Good			
SONY DIGITAL TAPE RECORDER (2)		August 24,2010	GH¢618.45	VAT/NHIL	MSH Ghana	Good			
AIRCONDITIONER Trane		April 27, 2010	GH¢1,692.32	VAT/NHIL	NTP	Good			
DELL LATITUDE LAPTOP		March 17, 2010	\$1,476	CEPS DUTY	NTP	Fair			
HP LASERJET PRINTER P1006		February 9, 2010	GH¢310.67	VAT/NHIL	MSH Ghana	Fair			

DELL LATITUDE LAPTOP		February 9, 2010	\$ 1,476	EXEMPT	MSH Ghana	Bad			
HP DESKJET PRINTER (2235)	L005263	February 24, 2010	GH¢ 108	VAT/NHIL	MSH Ghana	Good			
NOTICE BOARD (2)		February 23 2010	GH¢ 360	VAT/NHIL	MSH Ghana	Good			
FLIP CHART STAND		February 23, 2010	GH¢ 180	VAT/NHIL	MSH Ghana	Bad			
BINDING MACHINE	L005256	February 23, 2010	GH¢ 950	VAT/NHIL	MSH Ghana	Bad			
DIGITAL CAMERA DSC-W170		February 23, 2010	GH¢ 747	VAT/NHIL	MSH Ghana	Fair			
STABILIZER	L003210	February 23, 2010	GH¢ 256	VAT/NHIL	MSH Ghana	Good			
PANASONIC FAX	L003175	February 23, 2010	GH¢ 320	VAT/NHIL	MSH Ghana	Good			
PROJECTOR SCREEN		February 23, 2010	GH¢400	VAT/NHIL	MSH Ghana	Good			
LAPTOP COMPUTER DELL INSPIRON		February 24, 2009	GH¢ 1150	VAT/NHIL	MSH Ghana	Bad			
VEHICLE FORD EXPLORER XLT	1FMEU73E38UA925	April 17, 2009	\$34,000	EXEMPT	MSH Ghana	Good			Motor Comprehensive Insurance
ANTI VIRUS (NTP)		December 15, 2009	GH¢4,843.57	VAT/NHIL	NTP	Good			
10 UNITS, MICROSCOPES KIT		July 2, 2009	\$11,900	EXEMPT	NTP	Good			
CPU	L005130	November 11, 2009	GH¢ 1201.5	VAT/NHIL	MSH Ghana	Fair			
COMPUTER MONITOR	L005131	November 11, 2009	GH¢ 574	VAT/NHIL	MSH Ghana	Fair			
IBURST INTERNET MODEM		December 10, 2008	GH¢370	VAT/NHIL	MSH Ghana	Bad			
CONFERENCE CHAIRS (4)		December 19, 2008	GH¢ 286	VAT/NHIL	MSH Ghana	Fair			
LCD PROJECTOR DX325	802DTJA01100	December 15, 2008	GH¢ 1,730	VAT/NHIL	MSH Ghana	Fair			
DINNING HALL TABLE		December 15, 2008	GH¢ 190	VAT/NHIL	MSH Ghana	Bad			
DINNING HALL CHAIRS (6)		December 15, 2008	GH¢ 270	VAT/NHIL	MSH Ghana	Bad			
UPS (2)		November 11, 2008	GH¢ 232.60	VAT/NHIL	MSH Ghana	Good			
SCANNER (G4010)	CN85JA60GQ	November 11, 2008	GH¢ 188.75	VAT/NHIL	MSH Ghana	Good			
COMPUTER MONITOR	L005127	November 11, 2008	GH¢ 286	VAT/NHIL	MSH Ghana	Good			

CPU	L005126	November 11, 2008	GH¢ 1201.5	VAT/NHIL	MSH Ghana	Good			
AIRCONDITIONER LG	L005125	November 11, 2008	GH¢ 969.90	VAT/NHIL	MSH Ghana	Good			
TELEVISION LG	8025YQT1Z820	November 11, 2008	GH¢ 524.27	VAT/NHIL	MSH Ghana	Good			
MICROWAVE	MB-3832E/01	November 11, 2008	GH¢ 140.77	VAT/NHIL	MSH Ghana	Bad			
WATER DISPENSER		November 11, 2008	GH¢ 179.61	VAT/NHIL	MSH Ghana	Fair			
PHILIPS KETTLE	0814L1	November 11, 2008	GH¢ 41.75	VAT/NHIL	MSH Ghana	Bad			
OFFICE DESK ( 3 )	L005133	November11, 2008	GH¢ 1,250	VAT/NHIL	MSH Ghana	Good			
CABINET (2)		November 11, 2008	GH¢ 790	VAT/NHIL	MSH Ghana	Good			
MANAGER'S CHAIR		November 11, 2008	GH¢ 335	VAT/NHIL	MSH Ghana	Bad			
OFFICE CHAIR (2)		November 11, 2008	GH¢ 400	VAT/NHIL	MSH Ghana	Good			
PHOTOCOPIER NASHUATEC	L005119	November 12, 2008	GH¢ 4,548.83	VAT/NHIL	MSH Ghana	Fair			
HP LASERJET PRINTER P2015	CNBJP77837	May 30, 2008	\$478	CEPS DUTY	MSH Ghana	Bad			

- (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