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TB CARE I

TB CARE I-Kenya

**Year 1
Quarterly Report
October-December 2011**

January 30, 2012

Quarterly Overview

Reporting Country	Kenya
Lead Partner	KNCV
Collaborating Partners	MSH, FHI, ATS
Date Report Sent	
From	Sentayehu Tsegaye
To	Maurice Maina (USAID Mission)
Reporting Period	October-December 2011

Technical Areas	% Completion
1. Universal and Early Access	100%
2. Laboratories	100%
3. Infection Control	50%
4. PMDT	100%
5. TB/HIV	86%
6. Health Systems Strengthening	95%
7. M&E, OR and Surveillance	83%
Overall work plan completion	88%

Most Significant Achievements

Kenya hosts the Second International Scientific Lung Health Conference:

The Kenya Ministry of Public Health & Sanitation through the Division of Leprosy, Tuberculosis and Lung Diseases (DLTLD) in collaboration with partners organized and hosted the Second International Scientific Lung Health Conference in Kenya from 5th to 8th October 2011. USAID/TB CARE I took part in the organization as a member of the secretariat and coordinating committee. The theme of the conference was "**Towards Universal Access to TB/HIV and Comprehensive Lung Health Service**".

The conference gathered researchers from all over the world and encouraged interaction among representatives of various disciplines involved in addressing lung health. It brought together partners from 16 organizations involved in TB Control activities in Kenya with participants coming from the East African Region, Europe and USA. The conference registered a total of 530 participants including 50 international participants. USAID/TB CARE I supported 313 local and 18 East African participants to attend the conference. During the conference, other lung health diseases including non communicable and pneumonia were discussed in the platform of TB Control. TB CARE I staff were involved in the organization committee of the conference.(Figure 1, photo album page).

Union Conference held at Lille, France October 26-30 2011

TB CARE I supported delegates to attend the 42nd Union World Conference on Lung Health. The conference was held in Lille, France from 26th -30th October 2011. The theme of the conference was "**Partnerships for Scaling-up and care**". This was an enriching forum as delegates share the latest success and challenges on Lung health. TB CARE I supported 4 staff from DLTLD, 2 from KAPTLD and one TB CARE I staff to attend the Union Conference.

Overall work plan implementation status

The overall implementation status for APA 1 is at 88%. Some of the APA 1 activities have been differed to APA 2 because of inadequate funds (APA 1 initially budgeted for 5.9 Million USD but only 4.2 million was obligated for APA 1).

Technical and administrative challenges

The operational nature of the project is challenging coupled with difficulty of harmonizing of the APA 1 initial budget (\$5.9 M) with the revised budget of \$4.2 M including the three-month mini plan .

Quarterly Technical Outcome Report

	2010*	2011**
Number of MDR cases diagnosed	112	59
Number of MDR cases put on treatment	67	59

This data is for January to June 2011. Data for July to December will be available by March 2012. There is no diagnosed MDR patient not on treatment to the knowledge of the NTP.

* January - December 2010 ** January - December 2011

Technical Area 1. Universal and Early Access								
Expected Outcomes	Outcome Indicators	Indicator Definition	Baseline	Target	Result	Highlights of the Quarter		
				Y1	Y1			
1.1	Early access to quality diagnosis and treatment for at risk populations enhanced	proportion of districts with identified approaches targeting at risk populations (women, children, poor, slum dwellers) based on guidelines	Numerator: Number of districts with identified approaches targeting at risk populations (women, children, poor, slum dwellers) based on guidelines Denominator: Total number of target districts (2)	0	2/2	0	The Poverty & Gender policy document is under development (final draft).	Finalization of the guidelines pending. The indicators can not be measured now because the policy document is not ready.
1.2	Contribution of PPM to TB case Notifications	Percentage of PPM contribution to national case notification	Numerator: Number of cases notified by private sector Denominator: Total national notification	3%	5%	8% (January to June 2011)	- ISTD dissemination done in Nairobi for 46 participants (32 males, 14 females) - 73% (140 out of 193) private sector facilities were supervised during the quarter by national staff and regional coordinators. -84% of engaged slum providers supervised (263 out of 312 were visited) - 26 sputum collection sites established in Nairobi and Mombasa. A total of 463 sputum specimen collected during the quarter. 45 smear positive cases identified.	Full year data will be available by mid 2012
1.3	Participation of TB patients in TB control	Proportion of TB facilities with patient support groups	Numerator: Number of TB facilities with patient support groups Denominator: Total number of facilities targeted (10)	0	10/10	12/10	12 TB facilities have patient support groups. Eastern 2, Nairobi 4, Nyeri 2, Nakuru 2, and Mombasa 2.	Activity completed. 12 TB facilities within the target area have TB patient support groups in place.

Technical Area 2. Laboratories								
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	
2.1	DR TB surveillance system enhanced	Proportion of retreatment specimens submitted for culture/DST	Numerator: Number of retreatment specimens submitted Denominator: Total number of retreatment cases notified	65%	70%	69%	A total of 7721 samples received in CRL (Oct 2010-657, Nov 2010-628, Dec 2010-470, Jan 2011-557, Feb 2011-552, Mar 2011-795, April 2011-702, May 2011-740, June 2011-688, July 2011-882, August 2011-900, September 2011-730)	Activity completed
2.2	Participation of microscopy labs in EQA network	EQA coverage	Numerator: Number of TB microscopy labs participating in EQA Denominator: Total number of TB microscopy labs (1388)	58%	60%	To be determined early 2012	EQA Coverage for April to June 2011 was 81%. A total of 1283 laboratories out of 1538 laboratories participated in EQA and 14,007 slides were rechecked during the quarter EQA Coverage for July to September 2011 was 79% (less 1 region- data still awaited from the field). A total of 1235 laboratories out of 1560 laboratories participated in EQA and 14354 slides were rechecked during the reporting period.	Indicator for the full year to be reported by April 2012
2.3	Correctness of AFB microscopy results	Error rate (FP+FN)	Numerator: Total slides with errors (FP, FN) Denominator: Total slides analysed	13.9%	13%	To be determined early 2012	Error rate for April to June 2011 is 6% Error rate for July to September 2011 is 4.5%	Indicator for full year to be reported by April 2012

Technical Area 3. Infection Control								
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	
3.1	Availability of TB IC TOTs at regional	Proportion of regions with TB IC trainers	Numerator: Number of regions with TB IC trainers Denominator: Total number of regions	0/12	12/12		Cancelled due to budget constraint	Cancelled due to budget constraint

3.2	Hospitals with IC plans	Proportion of Hospitals with IC plans	Numerator: Number of hospitals with TB IC plans Denominator: Total number of hospitals trained on TB IC	6/12	12/12		Cancelled due to budget constraint	Cancelled due to budget constraint
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Technical Area 4. PMDT

Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	
4.1	Improved MDR TB treatment outcomes	Treatment defaulter (interruption) rate	Numerator: Number of MDR TB patients on treatment defaulted (6 monthly cohorts) Denominator: Total number of MDR TB initiated on treatment in the cohort period	6%	4%	data will be available early 2012	161 MDR TB patients on treatment supported in 67 facilities countrywide (transport to treatment site and follow up investigations)	Data will be available by mid 2012
4.2	MDR TB case detection among contacts	Contact MDR TB case detection rate	Numerator: Number of MDR TB patients diagnosed among contacts Denominator: Number of MDR TB contacts investigated	0	2%	data will be available early 2012	90 contacts of MDR TB patients traced. They were screened for AFB microscopy and found to be negative. Proposed to plan to have culture done for the contacts	Data will be available by mid 2012

Technical Area 5. TB/HIV

Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	Challenges and Next Steps to Reach the
5.1	Improved reporting on IPT	Proportion of districts reporting on IPT	Numerator: Number of districts reporting on IPT Denominator: Total number of target districts (10)	N/A	10/10	0/10	IPT document finalized, waiting for printing	IPT document finalized, waiting for printing. Printing planned for in APA 2

5.2	Improved TB/HIV uptake in GSN	Proportion of GSN members reporting on TBHIV	Numerator: Number of GSN members reporting on TBHIV Denominator: Total number of targetted GSN	NA	10/10	27/10	Capacity building of selected GSN private sector providers done in Nairobi and Coast regions. Coast - 47 providers trained on TB/HIV integration. Of the 47, 18 started TB diagnostic and treatment services and 9 initiated TB DOTS services in their facilities. 30 laboratory staff were trained on AFB microscopy. Nairobi - 25 GSN providers trained on TB/HIV integration, 19 on AFB microscopy and 59 were given orientation on the 5'I"s. All GSN sites integrating TB have now introduced TB screening, CTX prophylaxis and ART for co-infected patients. ToT training on community TB IPC done for 24 participants in Nakuru.	Activity completed
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Technical Area 6. Health Systems Strengthening

Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	Challenges and Next Steps to Reach the
6.1	Partnership structure established	Functional STP Kenya	Secretariat/regular meetings	0	0	Launching differed to APA 2	Launch of STP in Kenya differed. A functional secretariat is in place.	Activity cancelled.
6.2	Strengthened quality management system	ISO Certification	ISO Certificate received	0	0	Internal audit conducted	Second internal audit done in November 2011. Certification is expected to be completed in March 2012.	To be completed in APA 2

6.3	Enhanced staff performance	Proportion scheduled supervision visits done at district level	Numerator: Number of supervision visit completed (quarterly) Denominator: total number of supervisory visits planned (quarterly)	80%	80% (July 2011 to September 2011)	Supervision on visits at district level: July - September 2011-80%	Data for October is being awaited from the field	Data will be available by March 2012
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Technical Area 7. M&E, OR and Surveillance

Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	
7.1	Established electronic TB surveillance system	Proportion of districts reporting using TBIS	Numerator: Number of districts reporting using TBIS Denominator: Total number of districts	0	15	73/210	Electronic TB treatment register is available in 73 districts (in 5 regions- Nairobi North, Nairobi South, Nyanza North, Nyanza South & Rift Valley North)	Activity on going
7.2	Improved OR plans and implementation	Proportion of prioritized research initiated	Numerator: Number of research initiated Denominator: Number of research prioritized	0	5/5	5/5	A TA visit was made and provided technical support to the NTP. Of the five prioritized researches under Global Fund R9 (mortality study, Delay diagnosis, KAP survey, TB Prevalence survey and DRS survey), draft protocols were reviewed, research to start early 2012	Activity completed

Quarterly Activity Plan Report

Outcomes	1. Universal and Early Access		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
1.1 Early access to quality diagnosis and treatment for at risk populations enhanced	1.1.1	First guideline development retreat (Poverty and gender)	KNCV	9,319	 100%	Mar	2011	First guideline development workshop was held and draft guidelines developed. 3 Focus group discussions for patients, health workers and opinion leaders conducted to provide more input to the guideline development and analysis done.
		Stakeholders meeting	KNCV	1,094	 100%	Jun	2011	Stakeholders meeting held for further input for the guidelines development
	1.1.3	Second guideline development/finalisation retreat	KNCV	9,256	Cancelled	Jun	2011	Draft guidelines for Poverty & Gender in place. To be finalized before printing. Differed to APA 2.
	1.1.4	Printing guidelines	KNCV	3,750	Postponed	Sep	2011	Draft guidelines for Poverty & Gender in place. To be finalized before printing.
	1.1.5	Dissemination of guidelines	KNCV	4,031	Postponed	Sep	2011	To be disseminated after printing.
	1.1.6	First guideline development retreat (Childhood TB)	KNCV	9,256	Cancelled	Mar	2011	Draft Pediatric TB guidelines finalized and edited. 1000 copies printed and disseminated.
	1.1.7	Stakeholders meeting	KNCV	1,094	Cancelled	Jun		Activity not required
	1.1.8	Second guideline development/finalisation retreat	KNCV	9,256	Cancelled	Jun	2011	Activity not required
	1.1.9	Printing guidelines	KNCV	7,500	 100%	Sep		1000 copies of Pediatric TB guidelines printed
	1.1.10	Dissemination of guidelines	KNCV	4,031	 100%	Sep	2011	Guidelines disseminated with funding from WHO
	1.1.11	TA gender and poverty	KNCV	30,869	 100%	Jun	2011	Activity completed. TA provided and draft guidelines developed.
	1.1.12	Dissemination of Handbook on quality assurance for Chest Xray	KNCV	31,238	 100%	Mar	2011	500 copies of the QA for Chest X-ray handbook printed and disseminated

	1.1.13	Chest Xray trainings	KNCV	61,750	 100%	Jun	2011	Activity completed. 500 copies of the QA for Chest X-ray handbook printed and disseminated. 26 participants (22 males, 4 females) comprising of radiology technicians, TB supervisors and radiologists/clinicians working with persons responsible for diagnosing TB in health services with X-ray facilities.
	1.1.14	TA for Xray	KNCV	41,058	 100%	Mar	2011	Activity completed. TA was made in August 2011 to support quality assurance of Chest radiography in Kenya. The training curriculum on QA of chest X-ray was adapted/revised and a ToT training conducted for 26 participants.
	1.1.15	TA for childhood TB	KNCV	37,849	Cancelled	Sep		Activity not required
1.2 Contribution of PPM to TB case Notifications	1.2.1	Enhance private sector engagement	KNCV	53,963	 100%	Sep	2011	- ISTD dissemination done in Nairobi for 46 participants (32 males, 14 females) - 73% (140 out of 193) private sector facilities were supervised during the quarter by national staff and regional coordinators. -84% of engaged slum providers supervised (263 out of 312 were visited) - 26 sputum collection sites established in Nairobi and Mombasa. A total of 463 sputum specimen collected during the quarter. 45 smear positive cases identified.
	1.2.2	Address DRTB and IC in private sector	KNCV		 100%	Sep	2011	Training done in Nairobi for selected private providers (45 clinal staff & 34 lab staff; 41males, 38 females) on new diagnosis techniques. DR TB monitoring tool distributed to the 192 KAPTLD supported facilities. Follow up meeting on the development of facility specific IPC plans and provision of technical support for implementation of IPC was done. 7 out of the 10 facilities trained on IPC have developed IC plans IC Monitoring tool developed by CDC was adopted for use and distributed to 192 facilities

	1.2.3	ACSM for PPM	KNCV	65,375	 100%	Sep	2011	Different communication materials (Banners, Brochures, Branded stationery- Pens, Note pads, Calenders) developed and in use. 500 copies of ISTC printed and distributed Updating of the KAPTL D website in progress
	1.2.4	Enhance PPM project implementation capacity	KNCV	110,220	 100%	Sep	2011	KAPTL D staff salaries paid
	1.2.5	Administrative costs	KNCV	20,580	 100%	Sep	2011	Administrative costs paid for office rent, stationery, vehicle maintenance & fuel
	1.2.6	Engage slum providers	KNCV	25,458	 100%	Sep	2011	Provider mapping done in 2 districts in Nairobi (202 providers identified). Sensitization of health care providers in slums done in Nairobi. 2 meetings held in Nairobi, 98 providers sensitized on TB/HIV (M-43, F-55). Training of community health workers done for 2 districts in Nairobi and 2 districts in Mombasa. 50 CHWs trained (M-22, F-28) Activity completed
	1.2.7	TA for PPM	KNCV	35,049	Cancelled	Sep	2011	Activity not required
	1.2.8	Conference presentations	KNCV	8,876	 100%	Dec	2010	2 participants from KAPTL D were supported to attend the union conference in October 2011.
1.3 Participation of TB patients in TB control	1.3.1	'Adaption/development of patient engagement guidelines	KNCV	7,688	 100%	Jun	2011	Activity completed. Draft Patient engagement guidelines finalized and reviewed by the consultant (TA from MSH). Development/adaptation of training manual completed with TA support from MSH.

1.3.2	'Monthly outreaches on TB care by advocates	KNCV	52,856	 100%	Sep	2011	Activity completed. A total of 814 monthly outreaches were conducted in the 5 regions by 137 community based TB advocates (approx. 6 outreaches per TB advocate). 1. Eastern region- Wote TB group engaged 25 advocates (11F,14M) and conducted 150 community outreaches reaching 7193 people (3087 males, 4106 females). 2. Nairobi region engaged 67 advocates (17 males, 50 females) from Kahawa,Riruta, Kangemi and Kibera TB groups. They conducted 428 outreaches reaching 16,996 people (5,873 males, 11,123 females). 3. Coast region - Mombasa group engaged 18 advocates (7 males, 11 females) and conducted 107 outreaches reaching 11,100 (5220 males, 5880 females) 4. Rift Valley region- Nakuru group engaged 17 advocates (11 males, 6 females) and conducted 86 outreaches reaching 3213 people (1343 males and 1870 females). 5. Central region - Nyeri group engaged 10 advocates (2 males, 8 females) and conducted 43 outreaches reaching 468 people (208 males, 260 females).
1.3.3	'Coordination of activites	KNCV	13,719	 100%	Sep	2011	Activity completed. 5 quarterly coordination meetings held in each of the 5 regions where the TB advocates are engaged. The meetings were attended by DTLCs/PTLCs and TB Advocate groups Eastern - 23 participants Central - 19 participants Coast - 24 participants Rift Valley South - 26 participants Nairobi - 22 participants.
1.3.4	'Trainings	KNCV	13,869	 100%	Sep	2011	2 trainings conducted. 53 Community TB Advocates were trained using the developed training curriculum.
1.3.5	TA for Patient engagement/ material development	MSH	17,883	 100%	Sep	2011	TA provided to support the development of the TB patient engagement guidelines and Training materials

1.3.6	TA review implementation of TB patient engagement	MSH	16,926	 100%	Sep	2011	TA provided to finalise TB patient engagement guidelines.
				 100%			

		2. Laboratories						
Outcomes			Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		
						Month	Year	
2.1 DR TB surveillance system enhanced	2.1.1	Renovation of CTRL and maintain equipment	KNCV	70,000	 100%	Jun	2011	CRL laboratory renovation supported by CDC. Funds allocated for purchase of CRL consumables
	2.1.2	Procure MGIT consumables	KNCV		 100%	Jun	2011	MGIT consumables procured. SIRE- 70 kits, PANTA- 84 kits, MGIT tubes, 7ml - 200 boxes, Falcon tubes, 50ml - 20 boxes, Sterile disposable plastic loops-30 boxes
	2.1.3	Procure CTRL molecular consumables	KNCV	14,700	 100%	Sep	2011	Procured and delivered. 1. GenoType MTBDRplus Kit for MDR TB diagnosis - 15 kits (for screening of approx. 1440 specimens of MDR TB) 2. GenoType MTBDRsl Kit - 3 kits (for screening of approx. 288 specimens of XDR TB)
	2.1.4	Supranational mentorship for CTRL staff	KNCV	17,360	Cancelled	Jun	2011	Activity differed to APA 2
	2.1.5	Introduce molecular diagnostics at regional labs	KNCV	90,000	 100%	Jun	2011	3 gene Xpert machines procured and installed in three facilities within Coast Region based on WHO recommendation of clustering. Coast Region was chosen due to the high workload. The machines were installed in Provincial General Hospital (Coast PGH), Port Reitz District Hospital and Likoni Sub-District hospital. The laboratory staff from these facilities have been trained and the clinicians sensitized.
	2.1.6	Specimen transportation	KNCV	93,750	 100%	Sep	2011	A total of 7721 samples received by CRL (Oct 2010-657, Nov 2010-628, Dec 2010-470, Jan 2011-557, Feb 2011-552, Mar 2011-795, April 2011-702, May 2011-740, June 2011-688, July 2011-882, August 2011-900, September 2011-730)
	2.1.7	Trainings (culture/DST)	KNCV	24,171	Cancelled	Jun	2011	Activity differed to APA 2. CRL laboratory was undergoing renovation.

	2.1.8	Trainings (Molecular)	KNCV	11,371	 100%	Jun	2011	Gene Xpert machines installed in 3 facilities of Coast region. 9 laboratory personnel (8 males, 1 females) were trained on how to use the machines. Additionally, 5 clinicians (4 males, 1 female) from these facilities were sensitized.
	2.1.9	TA to CRL	MSH	39,254	Cancelled	Sep	2011	TA was for culture and DST. Activity differed to APA 2.
2.2 Participation of microscopy labs in EQA network	2.2.1	EQA trainings	KNCV	75,150	 100%	Sep	2011	<p>Trainings conducted for 7 regions (Nairobi North, Nairobi South, Rift Valley South, Eastern North, North Eastern, central and eastern South). A total of 100 DMLTs and focal point persons (83 males, 17 females) were trained.</p> <ol style="list-style-type: none"> 1. Rift valley South - 22 participants (M-20, F-2) 2. Nairobi North & South - 19 participants (M-12, F-7) 3. Eastern North & North Eastern - 19 participants (M-19, F-0) 4. Central - 20 participants (M-17, F-3) 5. Eastern South - 20 participants (15 males, 5
	2.2.2	TA in trainings and guidelines development	MSH	39,254	 100%	Sep	2011	TA visit done in June 2011 to support finalization of guidelines - Culture & DST guidelines, Biosafety guidelines and Quality Assurance for culture & DST. The guidelines shared with stakeholders for additional input. Editing of the guidelines done and completed. Guidelines ready for printing (to be done in APA 2).
2.3 Correctness of AFB microscopy results	2.3.1	Supervision	KNCV	145,875	 100%	Sep	2011	<p>EQA coverage for April to June 2011 was 81%.</p> <p>EQA Coverage for July to September 2011 was 79% (less 1 region- data still awaited from the field)</p>
	2.3.2	Microscope maintenance	KNCV	96,000	 100%	Sep	2011	Funds allocated for purchase of LED microscopes. 20 LED microscopes procured and delivered in 11 regions. 19 laboratory technicians trained on how to use the LED microscopes. Additional 17 LED microscopes procured and delivered

	2.3.3	EQA	KNCV	16,500	 100%	Sep	2011	EQA coverage for April to June 2011 was 81%. EQA Coverage for July to September 2011 was 79% (less 1 region- data still awaited from the field)
	2.3.4	TA to periperal lab network	MSH	39,254	 100%	Sep	2011	Technical support provided to quality laboratory services interventions (including trainings, EQA feedback and reporting)
					 100%			

Outcomes	3. Infection Control			Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
	Lead Partner					Month	Year	
3.1 Availability of TB IC TOTs at regional level	3.1.1	TB IC Training curriculum	KNCV	27,869	 50%	Jun	2011	Draft Facilitators' Training manual for the TB IC training curriculum developed. Draft TB IPC training slides also developed. It will be finalized in APA 2.
	3.1.2	Printing curriculum	KNCV	8,188	Cancelled	Sep	2011	Not done. Awaiting finalization of the training curriculum in APA 2.
	3.1.3	Trainings	KNCV	56,531	Cancelled	Sep	2011	Not done. Awaiting finalization of the training curriculum.
	3.1.4	TA on IC	KNCV	31,698	Cancelled	Sep	2011	Activity not included in the mini work plan
					 50%			

Outcomes	4. PMDT			Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
	Lead Partner					Month	Year	
4.1 Improved MDR TB treatment outcomes	4.1.1	Patient support	KNCV	293,175	 100%	Sep	2011	161 MDR TB patients on treatment supported in 67 facilities countrywide (transport to treatment site and follow up investigations)
	4.1.2	Review meetings	KNCV	13,500	 100%	Sep	2011	28 review meetings held during the quarter
4.2 MDR TB case detection among contacts	4.2.1	Contact tracing/invitation and investigation	KNCV	2,813	 100%	Sep	2011	90 contacts of MDR TB patients traced. They were screened for AFB microscopy and found to be negative. Plan to have culture done for the contacts

	4.2.2	TA on MDR	KNCV	41,058	 100%	Sep	2011	Combined GLC and PMDT TA Mission in Kenya was conducted in August 2011. It was recommended that Kenya should develop scale up plans for PMDT. A new framework to support scale up to universal access to drug resistant TB management was shared with the DLTL and TB CARE I.
	4.2.3	PMDT training	KNCV	132,300	 100%	Sep	2011	PMDT trainings conducted in 12 regions. A total 300 participants(186 males, 114 females) were trained.
					 100%			

Outcomes	5. TB/HIV		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
5.1 Improved reporting on IPT	5.1.1	Disseminate TB screening tool in HIV settings	KNCV	54,375	Cancelled	Jun	2011	Activity not done. Differed to APA 2
	5.1.2	Print IPT data capture tools	KNCV	35,000	 50%	Sep	2011	IPT data capture tools not yet finalized. 40 copies printed to gather further input from PTLCs and assistant PTLCs. Printing of the remaining copies postponed to APA 2
	5.1.3	Disseminate IPT data capture tools	KNCV	28,725	 25%	Jun	2011	40 copies disseminated to PTLCs and assistant PTLCs. Dissemination of the remaining copies to be done after printing (APA 2)
	5.1.4	TA for TB/HIV-SOPs	MSH	18,850	Cancelled	Sep	2011	Cancelled due to budget revision
	5.1.5	TA for TB/HIV-IPT	MSH	18,850	Cancelled	Sep	2011	Cancelled due to budget revision
5.2 Improved TB/HIV uptake in GSN	5.2.1	Conduct joint network provider TB/HIV gap analysis to inform design of collaborative activity workplan	FHI	5,000	 100%	Mar	2011	Activity completed. Gap analysis of existing GSN sites done in Mombasa, Nairobi and Nakuru done to identify gaps for TB integration and training needs. 35 sites in Nairobi and 47 in Coast selected for training. 11 Monthly coordination meetings (Coast-6, Nairobi-3, Nakuru-2) were held for stakeholders in TB/HIV to create a common forum for addressing TB/HIV control activities

5.2.2	Integration of the three priority strategies of ICF, IPT/CTX PT and infection control practices	FHI	9,900	 100%	Jun	2011	<p>Activity completed. Capacity building of selected GSN private sector providers done in Nairobi and Coast regions.</p> <p>Coast - 47 providers trained on TB/HIV integration. Of the 47, 18 started TB diagnostic and treatment services and 9 initiated TB DOTS services in their facilities. 30 laboratory staff were trained on AFB microscopy.</p> <p>Nairobi - 25 GSN providers trained on TB/HIV integration, 19 on AFB microscopy and 59 were given orientation on the 5'I"s.</p> <p>All GSN sites integrating TB have now introduced TB screening, CTX prophylaxis and ART for co-infected patients.</p> <p>ToT training on community TB IPC done for 24 participants in Nakuru.</p> <p>Activity completed</p>
5.2.3	Surveillance, Treatment initiation, Adherence, Rationalization and Monitoring	FHI	51,844	 100%	Sep	2011	<p>Coast:</p> <ul style="list-style-type: none"> - 47 providers were trained on MDR TB management. 10 laboratories in the private sector have initiated AFB microscopy. <p>Nairobi:</p> <ul style="list-style-type: none"> - 20 GSN providers trained in MDR-TB surveillance, diagnosis & management -16 laboratories initiated sputum culture testing (35 samples tested)

5.2.4	Targeted Health System strengthening	FHI	31,313	 100%	Sep	2011	Health care workers (both in private and public sectors) have been empowered to appropriately address TB/HIV activities 180 Community Health workers in Nakuru and 137 CHWs in Coast sensitized on IPC and are ready to integrate community IPC into their community strategy functions. Private facilities in Nairobi and Mombasa have been linked to CHWs to support TB default tracing. 650 suspects reached through community TB active case finding in Mombasa. 5% (32) were smear positive. Activity completed
5.2.5	Salaries	FHI	124,097	 100%	Sep	2011	Part time and full time staff deployed to implement the project activities.
5.2.6	Other direct costs	FHI	34,888	 100%	Sep	2011	Activity completed
5.2.7	Other office support	FHI	242,806	 100%	Sep	2011	The country office continued to provide administrative and management support.
				 86%			

Outcomes	6. Health Systems Strengthening		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
6.1 Partnership structure established	6.1.1	Launch STP Kenya	KNCV	18,750	Cancelled	Mar	2011	Activity differed. To be determined.
	6.1.2	TB ICC meetings	KNCV	563	Cancelled	Sep	2011	Supported by other partners
	6.1.3	TB stakeholders meeting	KNCV	6,750	 100%	Sep	2011	3 monthly meetings conducted
	6.1.4	TA STP	ATS	32,210	Cancelled	Sep	2011	Activity differed. To be determined.
6.2 Strengthened quality management system	6.2.1	ISO certification	KNCV	30,744	 50%	Jun	2011	Internal audit has been done. External audit application planned in APA 2
	6.2.2	MOST for TB trainings	KNCV	31,913	Cancelled	Jun	2011	Activity differed to APA 2
	6.2.3	TB Middle level managers trainings	KNCV	85,812	 100%	Jun	2011	24 (18 males, 6 females) Mid level district TB managers were trained from 29th August to 16th September 2011. Follow up of the trainees is scheduled to take place six to nine months after training to assess their performance after the training.

	6.2.4	TA MOST TB	MSH	30,423	Cancelled	Sep	2011	Activity cancelled
	6.2.5	TA TB MOST follow up	MSH	27,305	Cancelled	Sep	2011	Activity cancelled
6.3 Enhanced staff performance	6.3.1	Supervision	KNCV	600,938	100%	Sep	2011	Supervision visits at district level: July - September 2011- 80% (Figure 2, photo album page)
	6.3.2	Communication	KNCV	142,035	100%	Sep	2011	Airtime and internet provided for the NTP central/national unit staff and Provincial/regional TB Coordinators.
	6.3.3	Program review Meetings	KNCV	325,513	100%	Sep	2011	Quarterly review meetings for Q2 were held in May 2011 in all 12 regions
	6.3.4	Transport for supervision	KNCV	347,875	100%	Sep	2011	11 NTP central/national unit & 12 Provincial/regional TB Coordinators' vehicles received fuel top up on a monthly basis
	6.3.5	Conferences	KNCV	28,613	100%	Dec	2010	7 staff were supported to attend the Union conference in France in 2011.
	6.3.6	International training	KNCV	19,200	100%	Sep	2011	1. One NTP staff to attended the UNION International Management Development Programme Course on "Influencing, networking & partnership" in April 2011 2. Two NTP staff attended WHO Stop TB Strategy training in Sandalo, Italy in May 2011.
	6.3.7	HRD TA	KNCV	30,106	100%	Sep	2011	TA conducted in May 2011 to assist the NTP to finalize the Kenya District Management Course, planning the editing and the organization of the third District Management Training, decision making on the selection procedure of the Training Institute, decision making on the further development and implementation of trainees' follow up.
					95%			

Outcomes	7. M&E, OR and Surveillance		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
7.1 Established electronic TB surveillance system	7.1.1	Develop a web based reporting system	KNCV	15,333	50%	Sep	2011	PDA's have been rolled out in 5 out of the 12 regions in the country. 60 desktop computers procured. Procurement of additional PDA's for the rest of the regions is planned for in APA 2.

	7.1.2	Trainings	KNCV	23,400	Cancelled	Sep	2011	Activity differed to APA 2
	7.1.3	TA for surveillance system	KNCV	27,778	 100%	Jun	2011	TA visit was made in August 2011 to advice on the next steps of the development of the national surveillance system and involve staff at the field level by collecting their input for the development of the national surveillance system. The recommendations were: - To work out the requirements in detail for the Kenya surveillance system with the MoH - National roll out of PDAs countrywide
7.2 Improved OR plans and implementation	7.2.1	TA Planning and implementation of OR studies	KNCV	31,397	 100%	Jun	2011	Review of protocols for the five prioritized researches (mortality study, Delay diagnosis, KAP survey, TB Prevalence survey and DRS survey) was done during the TA visit

 83%

Quarterly Activity Plan Modifications

Request for Cancellation or Discontinuation of Activities										
Approved By (write dates)			Old Code	1. Universal and Early Access Activities from the Work Plan	Lead Partner	Remaining Budget	New Code	Replace with the following activity (if any)	Lead Partner	Proposed Budget*
Mission	PMU	USAID								
				{Copy from the work plan}						

* Detailed budget is attached

Request for Postponement of Activities to Next Year						
Approved By (write dates)			Old Code	1. Universal and Early Access Activities from the Work Plan	Lead Partner	Remaining Budget
Mission	PMU	USAID				
				{Copy from the work plan}		

Request for Adding New Activities to the Current Work Plan						
Approved By (write dates)			New Code	1. Universal and Early Access Proposed New Activities	Lead Partner	Proposed Budget*
Mission	PMU	USAID				

* Detailed budget is attached

Quarterly GeneXpert Report

Country	Kenya
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Period	October-December 2011
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Table 1: GeneXpert instruments and cartridges procured or planned by quarter

	Procured			# still planned for procurement in APA 2	Month, Year procurement planned (i.e. April 2012)
	Jan-Sep 2011	Oct-Dec 2011	Jan-Dec 2011		
# GeneXpert Instruments	3	0	3	0	0
# Cartridges	3000	0	3000	1450	Jul-12

Table 2: Cumulative List of GeneXpert Instruments Procured to Date or Planned in the Next Quarter

Already procured or still planned? (i.e. Write "Procured" or "Planned")	Instrument	# of Modules (1, 2, 4, or 16)	Location(s) (facility name & city/ province or TBD)	USG Funding Source (e.g., PEPFAR COP FYxx, USAID) ¹	Partner/ Implementing Organization; Additional Comments
Procured	1	4	Coast General Hospital	PEPFAR COP FY10	TB CARE I (KNCV and MSH)
Procured	2	4	Likoni District Hospital	PEPFAR COP FY10	TB CARE I (KNCV and MSH)
Procured	3	4	Port Reitz District Hospital	PEPFAR COP FY10	TB CARE I (KNCV and MSH)
	4				
	5				
	6				
	7				
	8				

¹ Differentiating between PEPFAR and USAID-funded is important. If it is PEPFAR funded, specify the fiscal year (i.e. FY2011).

Table 3: Cumulative Xpert MTB/RIF Cartridges Procured to Date or Planned for Next Quarter

Already procured or still planned? (i.e. Write "Procured" or "Planned")	Order #	# of Cartridges*	Location(s) (facility name and city/ province or TBD)	USG Funding Source (e.g., PEPFAR COP FYxx, USAID) ¹	Comments
Procured	1	3000	To be distributed to the 3 facilities according to consumption	PEPFAR COP FY10	1000 cartridges have been received and the balance (2000) to be delivered in March 2012
Planned	2	1450	To be distributed to the 3 facilities according to consumption	PEPFAR COP FY11	
	3				
	4				
	5				

*There are 10 cartridges per kit, but we need the total # of **cartridges** (not kits)

Any additional information/clarifications to the above (optional)

Please provide a brief description of any significant problems encountered in use of the GeneXpert machine(s) and Xpert MTB/RIF cartridges

No significant problem

Please describe technical assistance or evaluation of implementation activities performed and planned.

There is monthly monitoring of implementation and analysis will be done once enough data is collected

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



Figure.1: The Second Kenya International Lung Health Conference (October 5-8/2011)

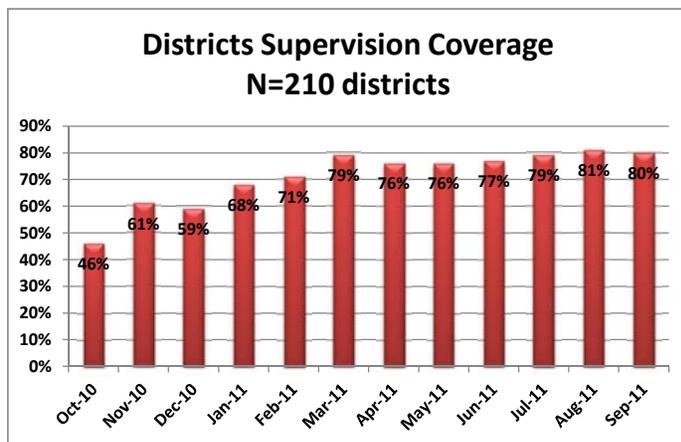


Figure 2: Districts Supervision Coverage

Inventory List of Equipment TB CARE I

Organization:	TB CARE I
Country:	Kenya
Reporting date:	30-Jan-12
Year:	2011



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TB CARE I

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 #
HP Laptop HP pro book	CNF1142NCV	40695	74,100.00	NIL	KNCV/TBCARE Office	Good		Sentayehu	
HP Laptop HP pro book	CNF1142ND8	40695	74,100.00	NIL	KNCV/TBCARE Office	Good		Pamela Liyala	
HP Laptop HP pro book	CNF1142NBQ	40695	74,100.00	NIL	KNCV/TBCARE Office	Good		Anne Mwindi	
Xeror Photocopier	KRK1JC9603997A	2010	170,000.00	NIL	KNCV/TBCARE Office	Good		KNCV Office	
HP 2050 Printer	CNCJK92664	2010	40,000.00	NIL	KNCV/TBCARE Office	Good		On Alice Desk	
HP 2050 Printer	CNCJH3932	2010	56,000.00	NIL	KNCV/TBCARE Office	Good		On Joseph's office	
HP 2050 Printer	CNCJH39640	2010	35,000.00	NIL	KNCV/TBCARE Office	Good		On Siano's desk	
PABX Machine KX-TEM824	OEBCP017261	40632	58,300.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
CDMA Box	RR6RSA1080400404	40632	12,000.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
GSM router	TAS6RD10A2100352	40632	13,500.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
GSM router	TAS6RD10A2100249	40632	13,500.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
HP Scanner G4010	UN03CA6132	40695	16,500.00	NIL	KNCV/TBCARE Office	Good		TBCARE Office(Alice)	
HP Scanner G4011	CN03CA6032	40725	16,501.00	NIL	KNCV/TBCARE Office	Good		TBCARE Office(joseph)	
Linksys Wireless Access Point	MD 930J826938	40575	5,700.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Linksys Wireless Access Point	MD 930J826936	40575	5,700.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Cisco Router 881 Series	TAS6RD10A2100352	40603	13,500.00	2,160.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Cisco Router 881 Series	TASRD10A2100249	40603	13,500.00	2,160.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
HP laser jet printer P4015DN	CNFY880851	40695	132,000.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
24 point switch	F3UH4AA00791	40544	4,900.00	784.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Server rack	15632		88,848.75	#####	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Shredder	101026VB0131981	40695	23,200.00	NIL	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Felowees binding machine	5005622001	40756	35,800.00	NIL	DLTLD	Good		DLTLD	
Modem	351817041107279	Feb-11	1,723.28	827.17	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Modem	351817041125669	Feb-11	1,723.28		KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Modem	351817041120942	Feb-11	1,723.28		KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLCKC421773	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLCKC421732	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLCKC1740	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419134	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419125	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419112	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419272	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419267	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419259	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419282	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419290	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419270	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC419235	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC417535	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Telephone extension	OLBKC417555	30th mar 2011	2,200.00	352.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	

Lagenda stackable chair	N/A	Mar-11	4,970.00		KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Lagenda stackable chair	N/A	Mar-11	4,970.00		KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Lagenda stackable chair	N/A	Mar-11	4,970.00		KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
High cabinet shelves	N/A	Mar-11	19,200.00	3,072.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
High cabinet shelves	N/A	Apr-11	19,200.00	3,072.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
High cabinet shelves	N/A	May-11	19,200.00	3,072.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Waiting seat	N/A	Mar-11	22,050.00	3,528.00	KNCV/TBCARE Office	Good		KNCV/TBCARE Office	
Executive office desk	N/A	Sep-11	165,000.00	NIL	DLTLD	Good		DLTLD	
Book case with glass doors	N/A	Sep-11	59,250.00	NIL	DLTLD	Good		DLTLD	
coffee stool with magazine rack	N/A	Sep-11	16,000.00	NIL	DLTLD	Good		DLTLD	
Executive round meeting table	N/A	Sep-11	39,150.00	NIL	DLTLD	Good		DLTLD	
3 seater sofa	N/A	Sep-11	48,938.00	NIL	DLTLD	Good		DLTLD	
Executive secretarial desk	N/A	Sep-11	56,250.00	NIL	DLTLD	Good		DLTLD	
Executive glass door book case	N/A	Sep-11	30,750.00	NIL	DLTLD	Good		DLTLD	
Medium back mesh chair	N/A	Sep-11	44,800.00	NIL	DLTLD	Good		DLTLD	
Medium back meeting chair	N/A	Sep-11	57,600.00	NIL	DLTLD	Good		DLTLD	
Single coat hanger	N/A	Sep-11	5,000.00	NIL	DLTLD	Good		DLTLD	
Gene Expert Machine	707421			NIL	port reitz district hospital	Good		DLTLD	
DELL Desktop	43024411945			NIL	port reitz district hospital	Good		DLTLD	
UPS	5508023R-1120019			NIL	port reitz district hospital	Good		DLTLD	
barcode reader	#####			NIL	coast provincial general	Good		DLTLD	
Gene Expert Machine	707443			NIL	Likoni district hospital	Good		DLTLD	
DELL Desktop	7590351529			NIL	Likoni district hospital	Good		DLTLD	
UPS	5508023R-1110014		USD 53,370 .00	NIL	Likoni district hospital	Good		DLTLD	
barcode reader	#####			NIL	Likoni district hospital	Good		DLTLD	
Gene Expert Machine	707436			NIL	coast provincial general	Good		DLTLD	
DELL Desktop	7593429529			NIL	coast provincial general	Good		DLTLD	
UPS	5508023R-1120024			NIL	coast provincial general	Good		DLTLD	
barcode reader	#####			NIL	port reitz district hospital	Good		DLTLD	
HP Desktop 500B	TRF12035H6	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035MB	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF120358P	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035CL	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035FT	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035LN	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035B2	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035HL	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035G4	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035HF	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035JS	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035BM	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035HP	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035D0	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035HR	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035K0	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035FR	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035D6	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035G1	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035H3	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035G3	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035C1	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	
HP Desktop 500B	TRF12035GF	07/09/2011	70,000.00	NIL	DLTLD	Good		DLTLD	

