



AFR RI-East Africa Public Health Laboratory Networking Project (P111556)

AFRICA | Africa | Health, Nutrition & Population Global Practice |
IBRD/IDA | Investment Project Financing | FY 2010 | Seq No: 20 | ARCHIVED on 22-Jun-2020 | ISR41632 |

Implementing Agencies: Ministry of Finance and Economic Planning (Uganda), Ministry of Finance, Budget and Privatization (Burundi), Ministry of Health (Uganda), Ministry of Finance (Tanzania), Ministry of Health, Community Development, Gender, Elderly and Children, Ministry of Health (Kenya), The National Treasury and Planning (Kenya)

Key Dates**Key Project Dates**

Bank Approval Date: 25-May-2010

Effectiveness Date: 07-Sep-2010

Planned Mid Term Review Date: 28-Jun-2013

Actual Mid-Term Review Date: 03-Mar-2014

Original Closing Date: 30-Mar-2016

Revised Closing Date: 30-Mar-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To establish a network of efficient, high quality, accessible public health laboratories for the diagnosis and surveillance of tuberculosis and other communicable diseases.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components Table

Name

Regional Diagnostic and Surveillance Capacity:(Cost \$44.90 M)

Joint Training and Capacity Building:(Cost \$9.90 M)

Joint Operational Research and Knowledge Sharing/Regional Coordination and Program Management:(Cost \$8.70 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

The four East African Community member states participating in the second phase of the project (Kenya, Tanzania, Uganda, and Burundi) continue to collaborate regionally, conducting joint cross border disease surveillance and disease outbreak preparedness; carrying out annual peer audits of participating laboratories; implementing joint training and research activities; and sharing/disseminating good practices. Roughly 88 percent of project supported laboratories have reached three stars on the Stepwise Laboratory Improvement Process towards Accreditation, fifteen have attained international accreditation, and two have been recommended or undergoing international accreditation, which surpasses the end of project targets and represents a major achievement. Training and capacity building activities continue to boost human resources capacity with a cumulative total of over 19,000 health personnel trained. Roll out of new molecular technologies has improved access to TB diagnostic services, strengthened



turnaround time, and picked up missing cases. With the introduction of the GeneXpert machines, project-supported facilities conducted about 370,000 tests, accurately diagnosing multi-drug resistant TB within several hours, rather than waiting months for culture results. The Rwanda project is completed but stakeholders continue to stay engaged on several key regional activities including the recent annual peer audit where all previously supported laboratories scored at least three stars and one scored four stars. The project was extended to September 30, 2020 (Uganda, Tanzania and Burundi components) and to March 30, 2021 for the Uganda component to allow completion of the Mulago isolation center.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Macroeconomic	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial
Sector Strategies and Policies	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Fiduciary	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	--	--
Overall	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate

Results

PDO Indicators by Objectives / Outcomes

Increase capacity for specialized laboratory diagnostic services and disease surveillance.				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	144,887.00	1,651,253.00	1,810,887.00	1,066,435.00
Date	25-May-2010	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Achieved to date/target for fiscal year: Uganda: 424,145/500,000 Tanzania: 110,240/170,000 Kenya: 1,122,766/180,000 Burundi: 153,736/202,218			



□ Female beneficiaries (Number (Thousand), Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	76,790.00	990,751.00	1,003,906.00	646,189.00
▶ Average Turnaround Time for TB GeneXpert Test (Hours, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	48.00	18.80	15.00	24.00
Date	07-Jul-2015	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Achieved to date/Target Uganda: 19.3/24 Tanzania: 12.8/24 Kenya: 18.9/24 Burundi: 8.5/24			
▶ Satellite laboratories awarded at least 3 star status under the regional accreditation program based on the WHO/AFRO five-step accreditation approach (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	17.00	30.00	34.00	34.00
Date	07-Jul-2015	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 8 Tanzania: 7 Kenya: 10 Burundi: 9			
▶ Share of reported communicable disease outbreaks having laboratory confirmation of etiological agent (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	25-May-2010	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 100% Tanzania: 100% Kenya: 100% Burundi: 100%			
▶ Proportion of outbreaks in cross border areas that joint investigations were done (both in country and inter-country joint investigations) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	80.00
Date	07-Jul-2015	30-Oct-2019	31-Mar-2020	30-Mar-2020



Comments:	Uganda: 100% Tanzania: 100% Kenya: 100% Burundi: 100%			
▶ People receiving TB drug susceptibility tests among DOTS treated TB cases not responding to treatment. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	60.00	85.00	91.00	90.00
Date	28-Dec-2012	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Total to date/target 2018/19: Uganda: 7856/4000 Tanzania: 1112/1650 Kenya: 4160/8700 Burundi: 15/40			

Intermediate Results Indicators by Components

Regional Diagnostic and Surveillance Capacity				
▶ Share of National and satellite laboratories that comply with Biomedical Waste Management requirements (number, percent) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	4.00	31.00
Date	25-May-2010	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 2 Tanzania: 0 Kenya: 2 Burundi: NA There was a drop this round. Based on the drop, the countries organized training of satellite sites on management of Laboratory waste.			
▶ Health facilities constructed, renovated, and/or equipped (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	29.00	33.00	34.00
Date	25-May-2010	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 8 Tanzania: 8 Kenya: 8 Burundi: 9			
▶ Satellite laboratories compliant with regionally WHO SOPs (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	25.00	34.00	32.00
Date	29-Jun-2012	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 8 Tanzania: 8 Kenya: 10 Burundi: 8			
► Satellite laboratories reporting stock-outs of tracer reagent for stools culture. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	80.00	24.00	35.00	0.00
Date	29-Jun-2012	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 3 Tanzania: 1 Kenya: 2 Burundi: 6			
► Number of GeneXpert tests performed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	50,000.00	86,263.00	58,044.00	67,700.00
Date	29-Jun-2012	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 22,873 Tanzania: 12,119 Kenya: 20,030 Burundi: 3,022			
► Number of laboratory tests performed per quarter (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,163,771.00	3,424,640.00	1,800,000.00
Date	29-Jun-2012	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 1,114,626 Tanzania: 314,319 Kenya: 1,529,285 Burundi: 466,410			

Joint Training and Capacity Building



► Health personnel receiving training (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	17,313.00	1,596.00	23,347.00
Date	25-May-2010	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Annual totals for current fiscal year: Uganda: 500 Tanzania: 100 Kenya: 161 Burundi: 835			
► Proportion of laboratory staff trained and found to be proficient (Competent) in performing assignments (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	93.00	91.00	100.00
Date	29-Jun-2012	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 91% Tanzania: 91.8% Kenya: 100% Burundi: 82%			
Joint Operational Research and Knowledge Sharing/Regional Coordination and Program Management				
► Laboratory Client Satisfaction Rate (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	80.50	82.50	80.00
Date	07-Jul-2015	30-Oct-2019	31-Mar-2020	30-Mar-2020
Comments:	Uganda: 84.3% Tanzania: 86.0% Kenya: 75.1% Burundi: 84.5%			
► Quartely publication of a regional surveillance bulletin by East Africa integrated disease surveillance network with country-specific data (yes/no) (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	25-May-2010	30-Oct-2019	30-Oct-2019	30-Mar-2020
► Operational Research studies (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	30.00	30.00	15.00
Date	29-Jun-2012	30-Oct-2019	30-Oct-2019	30-Mar-2020
Comments:	Uganda: 3 (10 off shoot studies under preparation still) Tanzania:3 + 19 off shoot proposals Kenya:3 + 2 off shoot proposals Burundi: not yet implemented			

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P111556	IDA-47310	Closed	USD	15.05	15.05	0.00	14.92	0.00	100%
P111556	IDA-47320	Closed	USD	23.50	22.99	0.51	22.83	0.00	100%
P111556	IDA-47330	Closed	USD	10.10	9.84	0.26	9.52	0.00	100%
P111556	IDA-56140	Effective	USD	15.00	15.00	0.00	14.89	0.00	100%
P111556	IDA-56150	Effective	USD	15.00	15.00	0.00	14.70	0.15	99%
P111556	IDA-56160	Effective	USD	10.00	10.00	0.00	9.95	0.00	100%
P111556	IDA-D0470	Effective	USD	10.00	10.00	0.00	9.72	0.24	98%
P111556	IDA-H5930	Closed	USD	15.01	14.90	0.11	14.81	0.00	100%
P111556	IDA-H7740	Closed	USD	15.00	14.99	0.01	13.74	0.00	100%

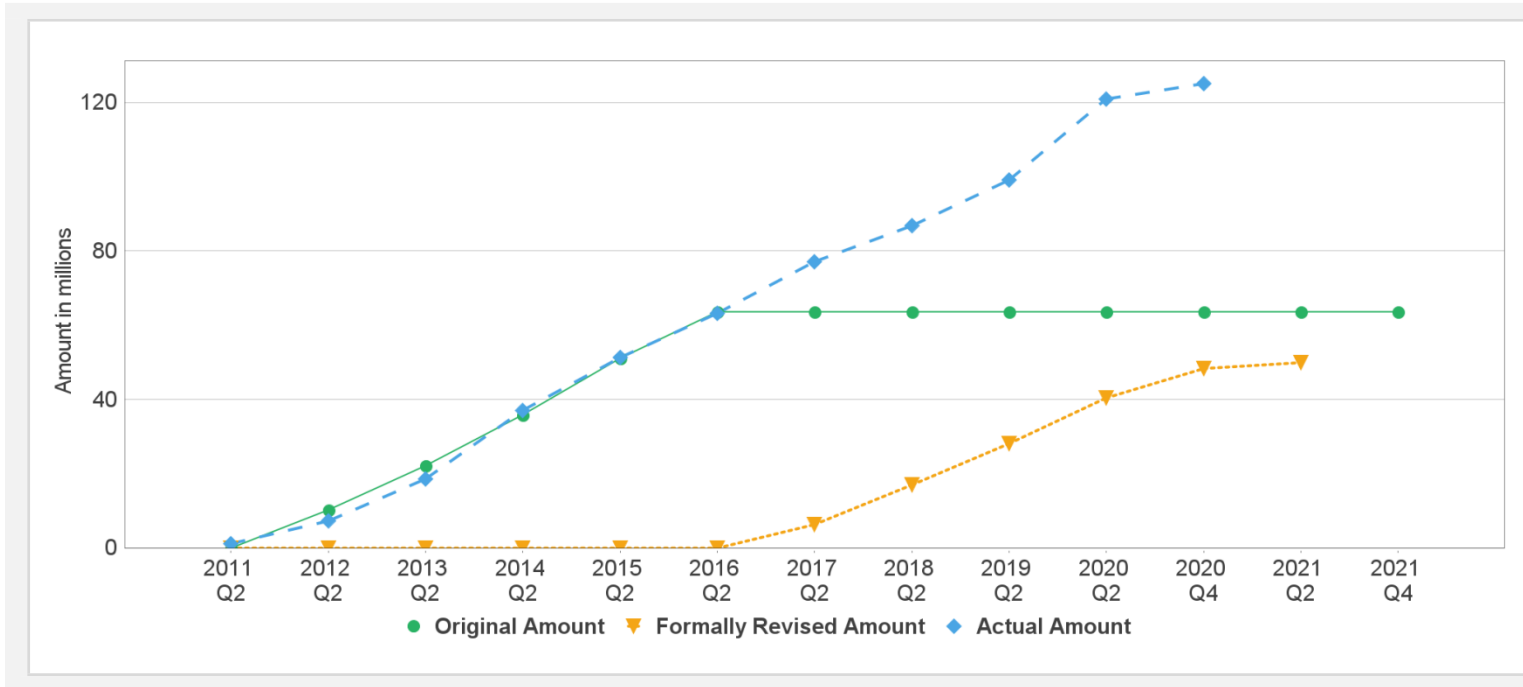
Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P111556	IDA-47310	Closed	25-May-2010	22-Jun-2010	07-Sep-2010	30-Mar-2016	30-Mar-2017
P111556	IDA-47320	Closed	25-May-2010	05-Jul-2010	01-Oct-2010	30-Mar-2016	30-Mar-2016
P111556	IDA-47330	Closed	25-May-2010	12-Aug-2010	31-Jan-2011	30-Mar-2016	30-Mar-2016
P111556	IDA-56140	Effective	07-Jul-2015	25-Sep-2015	12-Jan-2016	30-Mar-2020	30-Sep-2020
P111556	IDA-56150	Effective	07-Jul-2015	11-Feb-2016	31-Mar-2016	30-Mar-2020	30-Mar-2021
P111556	IDA-56160	Effective	07-Jul-2015	21-Oct-2015	16-Feb-2016	30-Mar-2020	30-Sep-2020



P111556	IDA-D0470	Effective	07-Jul-2015	01-Apr-2016	18-Jul-2016	30-Mar-2020	30-Sep-2020
P111556	IDA-H5930	Closed	25-May-2010	25-Jun-2010	25-Oct-2010	30-Mar-2016	30-Dec-2016
P111556	IDA-H7740	Closed	17-May-2012	28-Jun-2012	25-Sep-2012	30-Sep-2017	29-Mar-2019

Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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Restructuring History

Level 2 Approved on 18-Mar-2016 ,Level 2 Approved on 27-Sep-2017 ,Level Approved on 30-Mar-2020 ,Level 2 Approved on 09-May-2020

Related Project(s)

P129551-Burundi Public Health Laboratory Networking Project ,P153665-AFCC2/RI-3A EA PH Laboratory Networking Project Additional Financing ,P167552-ITSOP Test AF