

**Implementation Status & Results  
Burundi  
Health Sector Development Support (P101160)**

Operation Name: Health Sector Development Support (P101160)	Project Stage: Implementation	Seq.No: 6	Status: ARCHIVED	Archive Date: 12-Oct-2011
Country: Burundi	Approval FY: 2009			
Product Line: IBRD/IDA	Region: AFRICA	Lending Instrument: Specific Investment Loan		
Implementing Agency(ies): Ministry of Public Health, Burundi				

**Key Dates**

Board Approval Date	09-Jun-2009	Original Closing Date	30-Dec-2012	Planned Mid Term Review Date	30-Sep-2011	Last Archived ISR Date	12-Oct-2011
Effectiveness Date	30-Sep-2009	Revised Closing Date	30-Dec-2012	Actual Mid Term Review Date	03-Oct-2011		

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

**To increase the use of a defined package of health services by pregnant women and children under the age of five.**

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

Yes     No

**Component(s)**

Component Name	Component Cost
Component 1 - Increased financing for a redefined free package of services	20.00
Component 2 - Strengthening capacity of MSP and entities involved in RBF	5.00

**Overall Ratings**

	Previous Rating	Current Rating
Progress towards achievement of PDO	Highly Satisfactory	Highly Satisfactory
Overall Implementation Progress (IP)	Moderately Satisfactory	Satisfactory
Overall Risk Rating		

**Implementation Status Overview**

A Midterm Review (MTR) has just taken place for the project and for the national Results Based Financing (RBF) program supported by the project. A summary of some of the main findings of this review is provided here.

Utilization has been better than initially expected for the RBF indicators, and quality has also gone up rapidly, based on the average quality score of services as assessed quarterly by the RBF program. For example, the following changes took place between April-June 2010 (the first quarter of the national RBF program) and the seasonally comparable April-June 2011 quarter: (a) rise in births at health facilities by 25%; (b) rise in prenatal consultations by 20.4%; (c) rise in the number of children completely vaccinated by 10.2%; (d) rise in the average quality score from 46.3% to 71.1% for health centers, and from 51.6% to 73.7% for hospitals.

The data also show that since the national RBF program has started in April 2010, the differences in achievement rates among provinces have reduced substantially for most indicators, as have the differences among provinces in per capita levels of government financing going to health facilities – all signs of increased equity.

Implementation has also overall progressed well. Before the start of the national RBF program in April 2010, there were concerns that implementation would be slow, at least initially, resulting in delayed payments to health facilities and a significant period of time before improvements are seen in indicators on the ground. In fact, the “financial circuit” comprising verification, validation and payment to facilities has functioned quite smoothly from the beginning, and improvements in indicators have come rapidly after the first six months (as seen above). Several development partners including the government (the largest contributor) and IDA co-finance a harmonized national program whereby the same system and parameters (e.g. same indicators and same tariff system) is used throughout the country. This is facilitated by the use of an automated Internet-based system that has been set up for the purposes of recordkeeping, data monitoring/analysis and invoicing, with an invoice produced each month for every partner, catering to the needs of the partner (e.g. some partners finance only some indicators and/or some provinces). The government has substantially increased its allocation to the Free Health Care / RBF program to 18.2 billion FBus in the 2012 budget, from 12.4 billion FBus in the 2011 budget.

**Locations**

No Location data has been entered

**Results**

**Project Development Objective Indicators**

Public Disclosure Copy

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Percentage of children under five who slept under an insecticide treated bed net	<input type="checkbox"/>	Percentage	Value	44.10	45.00	25.00
			Date	31-Dec-2009		30-Dec-2012
			Comments	The above baseline value of 44.10 % is from the 2009 PMS household survey, and had already been updated from the 8% value from the 2005 MICS survey in previous ISRs.	The above value of 45% is from the 2010 DHS. Further updates can only be provided via the next household survey which will take place in late 2012 (PMS survey). But this indicator has been proposed to be dropped, in the Midterm Review that has just taken place. This is because: (1) bednets are being distributed in-kind in large amounts via various channels (campaigns, community mechanisms etc.), and not predominantly via health facilities; (2) this project finances mostly supply-side Results Based Financing where funds are provided directly to health facilities, not channeled through other means; (3) so this indicator is not a good measure of the effectiveness and impact of the financing provided under this project.	This indicator has been proposed to be dropped, in the Midterm Review that has just taken place, for reasons summarized in the box on the left.
Coverage of DPT3/Pentavalent vaccine in children immunized before reaching the age of one	<input type="checkbox"/>	Percentage	Value	86.80		92.00
			Date	31-Dec-2009	31-Dec-2010	30-Dec-2012
			Comments	(1) Alternative proxy indicator is percentage of children who are completely vaccinated as measured by the national RBF program, per month, with baseline of 25,287 in April 2010. (2) Data from both household surveys as well as from routine administrative data sources will be monitored. Baseline value for the former had already been	Three updates available: (1) 95.4% in late 2010 from the 2010 DHS survey; (2) 89.5% in 2010 according to the HMIS (SNIS/EPISTAT) system; and (3) 25,851 children completely vaccinated in December 2011 as measured by the RBF program (alternative proxy indicator). The box above in the ISR (actual value) is left	Target value of 92% will be based on the 2012 PMS household survey. For the HMIS system (SNIS/EPISTAT) from which data are also monitored, the target value is 89% in 2012.

Public Disclosure Copy

Public Disclosure Copy

				updated from the 60.1% of the 2005 MICS survey to 86.8% from the 2009 PMS household survey, in previous ISRs. Baseline value for routine administrative sources is 83% in 2009 from the HMIS (SNIS/EPISTAT).	blank since the 2010 DHS survey uses a somewhat different methodology for measurement than the PMS surveys, and the reported baseline value is from the 2009 PMS survey.	
Contraceptive prevalence rate (modern methods)	<input type="checkbox"/>	Percentage	Value	19.60		22.00
			Date	31-Dec-2009		31-Dec-2012
			Comments	(1) Alternative proxy indicator is total utilization of modern family planning via health centers and hospitals as measured by the national RBF program, per month, with baseline of 49,330 in April 2010. (2) Data from both household surveys as well as from routine administrative data sources will be monitored. Baseline value for the former had already been updated (in previous ISRs) from the 5% of the 2005 MICS survey to 19.6% from the 2009 PMS household survey. Baseline value for routine administrative sources is 13.7% in 2009 from the PNSR or Programme National de Santé de la Reproduction (which feeds into the HMIS).	The DHS 2010 (conducted in later 2010) found a value of 18%. Utilization of family planning (modern methods) reported in December 2011 via RBF system (alternative proxy indicator) was 60,994. The box above in the ISR (actual value) is left blank since the 2010 DHS survey uses a somewhat different methodology for measurement than the PMS surveys, and the reported baseline value is from the 2009 PMS household survey.	Above target value of 22% is based on the 2012 PMS survey. For the PNSR routine data system from which data are also monitored, the target value is 20%.
Percentage of births assisted by skilled personnel	<input type="checkbox"/>	Percentage	Value	64.40		68.00
			Date	31-Dec-2009		30-Dec-2012
			Comments	(1) Alternative proxy indicator is number of births occurring at hospitals and health centers based on data from the national RBF program, per month, with baseline of 20,590 in April 2010. (2) Data from both household surveys	The DHS 2010 found the value of this indicator to be 60%, but this value is not reported in the above box in this ISR since the methodology is different than that used in the PMS surveys (e.g. the DHS survey looks	Target value above of 68% is based on the 2012 PMS household survey. The target value for routine administrative sources (PNSR) is 62%.

Public Disclosure Copy

Public Disclosure Copy

Public Disclosure Copy

				as well as from routine administrative data sources will be monitored. Baseline value for the former had already (in previous ISRs) been updated from the 32% of the 2005MICS survey to 64.4% from the 2009 PMS household survey. Baseline value for routine administrative sources (for percentage of births taking place in health facilities) is 56.3% in 2009 from the Programme National de Santé de la Reproduction (PSNR, which feeds into the HMIS).	back five years as opposed to 2 years for the PMSsurveys, for this indicator). The PNSR routine data system reports 59.9% for the percentage of births taking place in health facilities). In December 2012, the national RBF program recorded 21,592 births in facilities (alternative proxy indicator).	
Coverage of PNC services for pregnant women	<input type="checkbox"/>	Percentage	Value	59.40	66.10	68.00
			Date	31-Dec-2009	31-Dec-2010	30-Dec-2012
			Comments	(1) Alternative proxy indicator is number of "standard" prenatal consultations (3 per pregnancy) at hospitals and health centers that are in the national RBF program, per month, with baseline of 90,664 in April 2010. (2) Source for above baseline value of 59.40 %is the Program National de Sante de la Reproduction (PNSR) which feeds into the HMIS, and it supercedes the baseline value reportedin the previous ISR which was for 2007. This indicator (referring to women having had 3 prenatal care consultations) was not measuredin the 2009 PMS household survey. The 2009 PMS survey found that 94.1% of pregnant women	Above target value is based on routine data for 2010 from the PNSR system. Also, 96,631 prenatal consultations were reported in December 2011 via the RBF program, (alternative proxy indicator). The 2010 DHS found that 98.9% of pregnant women had at least one prenatal consultation.	Above target value is based on the 2012 PMS household survey.

Public Disclosure Copy

				had at least one prenatal consultation.	
Average number of visits to a health provider by children under the age of 5	<input type="checkbox"/>	Number	Value	1.60	2.20
			Date	31-Dec-2009	30-Dec-2012
			Comments	1) Alternative proxy indicator is number of child (under-5) curative care visits to hospitals and health centers that are in the national RBF program, per month (excl. repeats for same incident), with baseline of 433,283 in April 2010. (2) The baseline value reported above of 1.6 (per child per year) is an updated value obtained from the 2009 PMS household survey). The update had already been reported in previous ISRs.	570,491 consultations reported in December 2012 via RBF program (alternative proxy indicator).

**Intermediate Results Indicators**

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Percentage of health facilities that have had an external verification visit (cumulative)	<input type="checkbox"/>	Percentage	Value	0.00	30.00	60.00
			Date	31-Dec-2009	31-Dec-2010	31-Dec-2012
			Comments	This refers to visits by the external agency conducting external verification (or "counter-verification"). See comments below for the percentage of health facilities that have had an "internal" verification visit in the previous six months.		
Percentage of health facilities that received their payments within the agreed period	<input type="checkbox"/>	Percentage	Value	36.30	100.00	70.00
			Date	31-Mar-2010	31-Jul-2012	30-Dec-2012
			Comments	Source: March 2010 Health facility survey (FOSA)	All health facilities that are in the nationwide Results Based Financing system continue to be receiving payments on time, consistently, as seen	To be tracked via the next health facility (FOSA) survey.

Public Disclosure Copy

Public Disclosure Copy

					from payment records of the Burundi Central Bank (BRB).	
Percentage of health facilities that have qualified personnel (a least an A2 nurse) in rural areas	<input type="checkbox"/>	Percentage	Value	75.50		83.00
			Date	31-Mar-2010		30-Dec-2012
			Comments	Source: March 2010 health facility survey (FOSA)		To be tracked via the next health facility (FOSA) survey.
Percentage of facilities that have had an internal verification visit in the previous six months	<input type="checkbox"/>	Percentage	Value	48.09	100.00	80.00
			Date	31-Mar-2010	31-Jul-2011	30-Dec-2012
			Comments	Source for above is the March 2010 health facility survey (FOSA), and an "internal" visit is defined here as a visit by a verification team outside of the health facility. The terminology has been changed from "external" as in previous ISRs to "internal" here for purposes of clarity; the indicator itself and how it is measured have not changed. As part of the robust verification structure of the national RBF program, there are also "external" visits i.e. is visits by a fully external independent agency not involved in anyother way with the RBF, and this has now been incorporated into another separate indicator using the terminology "external visit".	Source for above reported current value is official records from the Ministry of Health and from the national RBF system. Only facilities in the national RBF program are included in the denominator of the calculation.	
Households with a covered latrine	<input type="checkbox"/>	Percentage	Value	31.70		45.00
			Date	31-Dec-2005		31-Dec-2012
			Comments	The source for the above baseline value of 31.7 % is the MICS2005 household survey (this indicator was not measured in the 2009 PMSurvey household survey).	Updates can only be provided via the next household survey which will take place around late 2012. But this indicator has been proposed to be dropped, in the Midterm Review that has just taken place. This is because: (1)	

Public Disclosure Copy

Public Disclosure Copy

					latrines are mostly constructed through communities and households, and not through actions conducted by health facilities; (2) this project finances mostly supply-side Results Based Financing where funds are provided directly to health facilities; (3) so this indicator is not a good measure of the effectiveness and impact of the financing provided under this project.	
Number of community organizations that have been trained and supported by facilitating agencies	<input type="checkbox"/>	Number	Value	0.00		350.00
			Date	30-Sep-2009		31-Dec-2012
			Comments			
Percent of public and non-profit health facilities that are involved in the RBF system	<input type="checkbox"/>	Percentage	Value	50.90	97.74	80.00
			Date	31-Mar-2010		30-Dec-2012
			Comments	Source: March 2010 health facilities survey (FOSA)	Source: Official records from the Ministry of Health and from the national Results Based Financing system. Note that the value of 100% entered in the previous ISR as the actual value was a mistake.	
Percentage of health facilities that did not run out of essential drugs in the previous three months	<input type="checkbox"/>	Percentage	Value	53.30		65.00
			Date	31-Mar-2010		30-Dec-2012
			Comments	(1) The source for the above is the March 2010 health facilities survey (FOSA). It includes hospitals as well as health centers. (2) Alternative proxy measures are available based on the quality checklist evaluation done (every quarter) under the national RBF program, but using different methodologies than for the health facility survey. (More details are given in the	The alternative proxy measures show percentages for this indicator of 64.4% for health centers and 40.1% for hospitals (using somewhat different methodologies of measurement than the health facility survey).	To be based on the next health facility (FOSA) survey.

Public Disclosure Copy



Aide Memoire for the Midterm Review.) These alternative measures show percentage values of 34% for health centers and 20.3% for hospitals, in the April-June 2010 quarter (the first quarter of the national RBF program).

**Data on Financial Performance (as of 15-Feb-2012)**

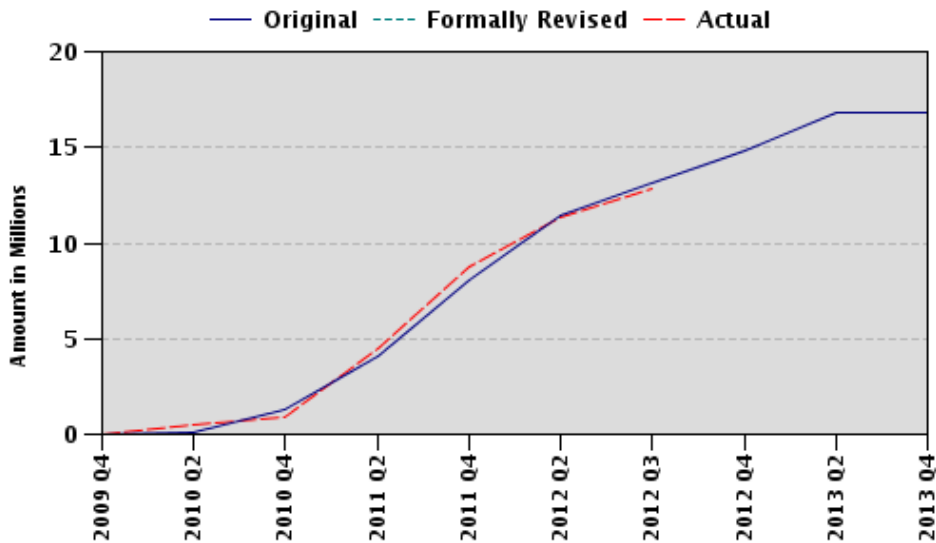
**Financial Agreement(s) Key Dates**

Project	Loan No.	Status	Approval Date	Signing Date	Effectiveness Date	Closing Date
P101160	IDA-H4880	Effective	09-Jun-2009	07-Jul-2009	30-Sep-2009	30-Dec-2012

**Disbursements (in Millions)**

Project	Loan No.	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P101160	IDA-H4880	Effective	XDR	16.80	16.80	0.00	12.83	3.97	76.00

**Disbursement Graph**



**Key Decisions Regarding Implementation**

N.A.

### **Restructuring History**

---

There has been no restructuring to date.

### **Related Projects**

---

P126742-Health Sector Development Support - Additional Financing