



Disease Prevention and Control Project (P128442)

EUROPE AND CENTRAL ASIA | Armenia | Health, Nutrition & Population Global Practice |
IBRD/IDA | Investment Project Financing | FY 2013 | Seq No: 10 | ARCHIVED on 31-Jan-2018 | ISR31289 |

Implementing Agencies: Ministry of Health, HSMP-PIU, Republic of Armenia

Key Dates

Key Project Dates

Bank Approval Date:27-Mar-2013

Effectiveness Date:22-Jul-2013

Planned Mid Term Review Date:31-May-2017

Actual Mid-Term Review Date:12-Jun-2017

Original Closing Date:15-Dec-2019

Revised Closing Date:15-Dec-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project development objective is to improve (i) Maternal and Child Health(MCH) services and the prevention, early detection, and management of selected Non-Communicable Diseases (NCD) at the Primary Health Care (PHC) level; and (ii) the efficiency and quality of selected hospitals in Armenia.

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

No

Components

Name

Performance-based incentives to improve MCH and NCD services in primary care faci:(Cost \$5.03 M)

Hospital Modernization:(Cost \$38.17 M)

Project Management:(Cost \$1.80 M)

Overall Ratings

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



Implementation Status and Key Decisions

The project is progressing well. Component 1: Performance-based financing (PBF) scheme to improve MCH and NCD services in primary care facilities. The PBF scheme launched in January 2015 supported three-year contract with each PHC facility until end of December 2017. A project restructuring plans to extend by another three years until end December 2020 the implementation of the PBF scheme. Despite significant efforts made in carrying out public awareness campaigns on screening activities using various formats, attainment of targets for cervical cancer and diabetes/hypertension for male remain a challenge. Some of the reasons reported for this situation include: (i) seasonal working migration of male population to other countries, when they only return in Armenia during the winter months; (ii) many patients do not return for glucometry test (requiring fasting) as prescribed by family doctors during a first visit to PHC facilities (for prevention and or other reasons) when screening for hypertension (tonometry) is performed. (iii) most households have home devices for self-measurement of blood pressure and glucose levels and perform those tests at home; (iv) male population is involved in agricultural activities and have time constraints in visiting PHC facilities for checkups, which hours of services are between 9:00 am and 5:00 pm.

Component 2: Improving efficiency and quality of selected hospitals. Modernization of the Marz Hospital Network. The reconstruction of Artashat MC and Sevan MC is progressing well. The provision of medical, diagnostic equipment and training, medical supplies and furniture for Vanadzor MC is also on track. Modernization of the Hematology Centre. Four bone marrow transplants were performed (two with the assistance of German specialists) since the opening of the Centre in early December 2016. The accreditation of the Centre is contingent upon performing 5 transplants per year. Latest data indicates that there has been an encouraging trend in the reduction in the number of pediatric patients newly diagnosed with onco-hematology conditions who received treatment overseas (2013 data: 13 patients over 26 total number of patients vs. October 2017 data: 5 patients over 11 total number of patients). The Centre was encouraged to develop a marketing plan to offer its services to other countries that could help cover essential operating expenditures. Clinical Practice Guidelines. Technical assistance is being provided to the National Institute of Health in the development of 200 clinical guidelines and 100 clinical protocols using existing literature, but adapted to the local context. Modernization of Cancer Treatment Services in Armenia. Architectural design financed under the project for a new Radiotherapy Treatment Center was completed, however, the Government of Armenia has taken the decision to bring in a private investor to finance the construction and equipping of the Center and ensure its management.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate
Macroeconomic	--	● Low	● Low
Sector Strategies and Policies	--	● Low	● Low
Technical Design of Project or Program	--	● Low	● Low
Institutional Capacity for Implementation and Sustainability	--	● Moderate	● Moderate
Fiduciary	--	● Substantial	● Substantial
Environment and Social	--	● Low	● Low
Stakeholders	--	● Low	● Low
Other	--	--	--
Overall	--	● Moderate	● Moderate

Results



Project Development Objective Indicators

► Percentage of antenatal care (ANC) attendees screened for glycosuria, hypertension and proteinuria in at least three antenatal visits (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	60.00	68.00	85.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► Percentage of population aged 35-68 screened for hypertension at least once in the last year a) female; b) male (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	a)22.5 % b)17.8 %	a)49.6%; b) 31.5%	a)75.4%; b) 48.3%	a)55% b) 50%
Date	31-Dec-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► Percentage of population aged 35-68 screened for diabetes mellitus at PHC level at least once during the last 3 years a) female; b)male (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	a)9.8% b)7.5%	a) 34.9%; b) 22.2%	a) 48.1%; b) 30.9%	a) 55% b) 55%
Date	31-Dec-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► Percentage of women aged 30-60 screened for cervical cancer at least once during the last 3 years and received the results (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	8.50	20.00	26.80	50.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► Bed occupancy rate at the new Medical Center in Artashat (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	64.00	64.00	64.00	75.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

Overall Comments

Intermediate Results Indicators

► Proportion of PHC facilities undergoing enhanced verification of results by the SHA/Working Group (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	94.40	96.60	50.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► % of eligible PHC facilities receiving incentives within two months after the end of every semi-annual period (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	70.00	79%/76%	95%/95%	100.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► Level of awareness among adults in key NCD risk factors a) high blood pressure; b) high cholesterol level; c) high salt intake; d) obesity; e) high glucose level (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	a)55% b) 29% c) 61% d) 65% e) 39%	a) 50%; b) 31.3%; c) 61.9%; d) 70.1%; e) 34.7%	a) 50%; b) 31.3%; c) 61.9%; d) 70.1%; e) 34.7%	a) 95%; b) 65%; c) 80%; d) 85%; e)80%
Date	31-Dec-2012	22-Jun-2017	12-Jan-2018	15-Dec-2019



► Health facilities constructed, renovated, and/or equipped (number) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	4.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► % of pediatric patients newly diagnosed with onco-hematology conditions by the Hematology Center who received treatment overseas in the past year (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	33.00	30.50	7.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► Number of hospital health workers receiving training in a set of new clinical practice guidelines (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	300.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

► % of public hospitals at marz level implementing Quality Improvement Program (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	0.00	0.00	90.00
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019





► Sevan Medical Center Operational (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	--	Civil works ongoing	Medical Center in operation
Date	23-Jan-2013	22-Jun-2017	12-Jan-2018	15-Dec-2019

Overall Comments

Data on Financial Performance

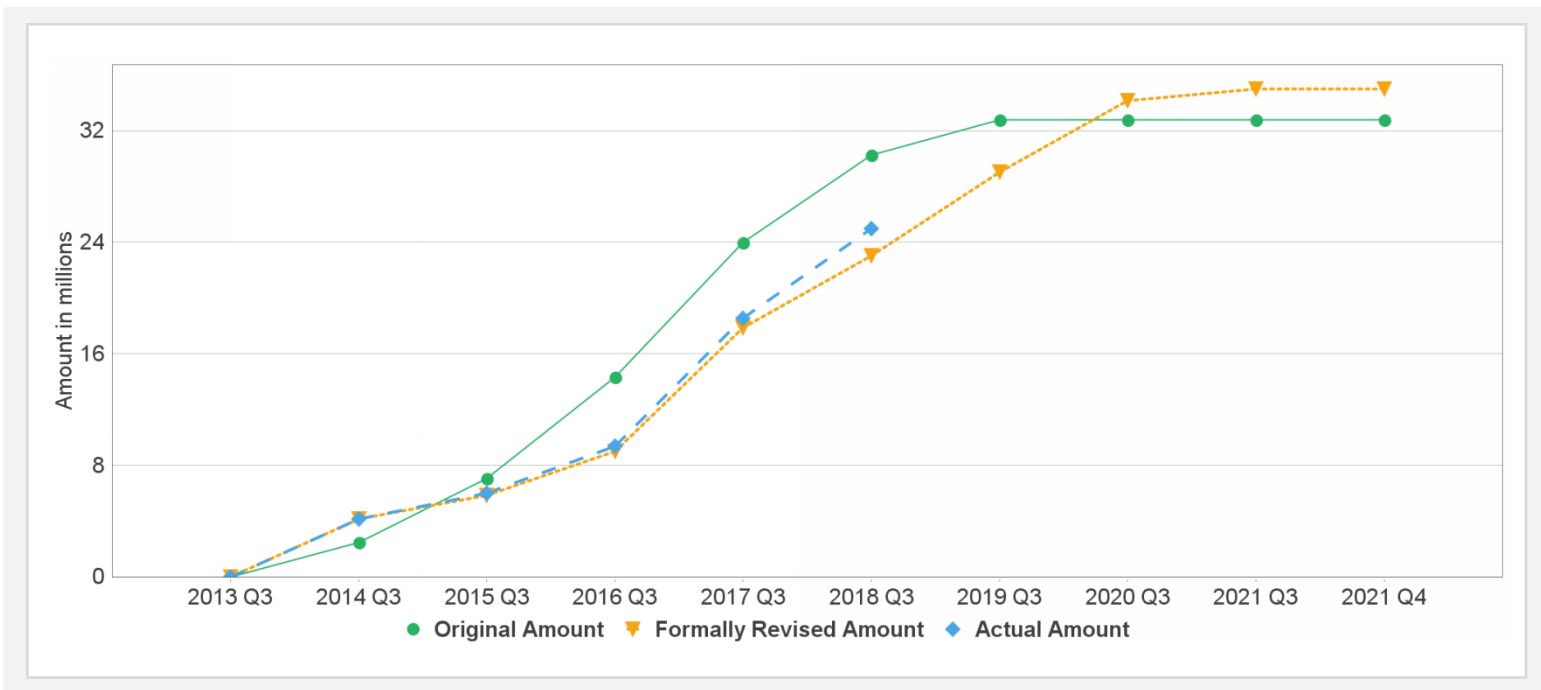
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P128442	IDA-52220	Effective	USD	35.00	35.00	0.00	23.80	8.73	 73%
P128442	TF-14138	Effective	USD	1.80	1.80	0.00	1.15	0.65	 64%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P128442	IDA-52220	Effective	27-Mar-2013	17-May-2013	22-Jul-2013	15-Dec-2019	15-Dec-2019
P128442	TF-14138	Effective	11-Jul-2013	27-Sep-2013	27-Sep-2013	31-Dec-2018	31-Dec-2018

Cumulative Disbursements



Restructuring History

Level 2 Approved on 04-Mar-2015

Related Project(s)

There are no related projects.