



## 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: 13 | ARCHIVED on 15-May-2019 | ISR36578 |

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: 30-Jun-2021

### 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 \$4.70 M)  
Hospital Modernization:(Cost \$38.20 M)  
Project Management:(Cost \$2.10 M)

### Overall Ratings

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

### Implementation Status and Key Decisions

An implementation support visit took place from April 1 to 9, 2019, to review the implementation progress of the project. Progress towards achieving the project development objectives (PDO) remains moderately satisfactory, and implementation progress rating remains satisfactory. Four of the five PDO indicators have achieved or exceeded their 2018 target values.

#### Overall implementation progress

**Component 1: Performance-based financing (PBF) scheme to improve maternal and child health and non-communicable diseases services in primary health care (PHC) facilities.**

Between January 2018 to February 2019, PHC facilities under the Project performed 56,518 pap tests, 156,398 blood glucose tests, 295,640 blood pressure measurements, and 19,567 antenatal care (ANC) urine and blood tests, facilitating the attainment of the 2018 target values for the screening-related PDO indicators.

**Component 2: Improving efficiency and quality of selected hospitals.**

Artashat, Sevan, and Vanadzor MCs were opened for operation on October 6, October 17, and November 10, 2018, respectively. The contract for the development of the complete sets of architectural and engineering design documents for the construction of Martuni and Vayots Dzor MCs, including supervision of the civil works by the design engineer was signed on February 20, 2019. There was a delay in contract signing due to changes in licensing regulation that annulled existing licenses and required re-application for authorization of all firms. Therefore, construction is expected to start in April 2020. As completion of the construction would take approximately two years, the World Bank team and the Ministry of Health will discuss a potential extension of the closing date during the next visit.

## 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

### PDO Indicators by Objectives / Outcomes

Improve MCH services and the prevention, early detection & management of selected NCDs at PHC level				
▶ 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	75.00	85.00	85.00



Date	23-Jan-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	The 2019 target value has been met for this indicator, which is on track to meet the end-of-project target values.			
<b>►Percentage of population aged 35-68 screened for hypertension at least once in the last year a) female; b) male (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	a)22.5 % b)17.8 %	--	a)105.8% b)69.4%	a) 76% b) 55%
Date	31-Dec-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	End-of-project target values have been achieved for this indicator. Actual values for 2019 are as of February 28, 2019			
<b>►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)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	a)9.8% b)7.5%	--	a)65.9% b)42.1%	a) 48% b) 36%
Date	31-Dec-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	End-of-project target values have been achieved for this indicator. The 2019 actual values are as of February 28, 2019			
<b>►Percentage of women aged 30-60 screened for cervical cancer at least once during the last 3 years and received the results (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	8.50	32.30	35.40	35.00
Date	23-Jan-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	The 2018 target value (28 percent) for this indicator has been surpassed. The 2019 actual values are as of February 28, 2019			

**To improve the efficiency and quality of selected hospitals in Armenia**

**►Bed occupancy rate at the a) Artashat Medical Center; b) Sevan Medical Center (Text, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	a) 64% b) 51%	--	a)64% b)51%	a) 70% b) 70%
Date	23-Jan-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	While the bed occupancy rates for Artashat MC falls below the 2018 target value, this is a reflection of the recent facility opening. The facility staff and local administrators are engaged in active public outreach to ensure that residents in the catchment population are aware of service availability. It is anticipated that the actual values will be on track to reach the end target by June 2019.			

**Overall Comments**



The four PDO indicators related to screening coverage have achieved or exceeded their end-of-project target values. The 2018 target values for the PDO indicator measuring bed occupancy rates were not achieved in Artashat (actual value = 60.5 percent versus target value = 64 percent) and Sevan (actual value = 35.7 percent versus target value = 51 percent). However, from January to March 2019, the bed occupancy rates at Artashat and Sevan Medical Centers (MC) were 89 percent and 86 percent, respectively. Thus, this indicator is also on track to achieve the end-of-project target value.

### Intermediate Results Indicators by Components

Performance-based incentives to improve MCH and NCD services in Primary care facilities				
►Proportion of PHC facilities undergoing enhanced verification of results by the HPIU (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	97.20	97.20	98.00
Date	23-Jan-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	The 2018 target value for this indicator has been achieved. The 2019 actual values are as of February 28, 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 (disaggregated by gender) (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Male a)45% b) 24% c) 55% d) 65% e) 33%; Female a)58% b)32% c)64% d)64% e)42% (2012 HSPA data)	--	Male a) 41% b) 24% c) 55% d) 64% e) 26%; Female a)58% b)38% c)68% d)76% e)43% (2015 HSPA data)	Male a) 43% b) 26% c) 57% d) 66% e) 28%; Female a)60% b)40% c)70% d)78% e)45%
Date	31-Dec-2012	01-Feb-2018	01-Feb-2018	30-Jun-2021
Comments:	Actual values for this indicator to be updated following completion of next Health System Performance Assessment in 2019.			

Improving efficiency and quality of selected hospitals				
►Health facilities constructed, renovated, and/or equipped (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	4.00	6.00
Date	23-Jan-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	The following facilities have been completed: Hematology Center after Professor R. Yeolyan; Artashat MC; Sevan MC; and Vanadzor MC.			



▶% 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	50.00	30.70	26.00	25.00
Date	23-Jan-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	Absolute number of pediatric patients newly diagnosed with onco-hematology conditions who received treatment overseas 2013- 13/26, 2014-10/22, 2015-10/32, 2016-15/47, 2017- 11/38, <b>2018-11/31</b>			
▶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	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	The adoption of guidelines is in progress.			
▶Medical Centers operational a) Sevan MC; b) Artashat MC; c) Vayots Dzor MC; d) Martuni MC (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	--	a) Operational. b) Operational. c) Civil works not started. d) Civil works not started.	All four Medical Centers operational
Date	23-Jan-2013	20-Nov-2018	09-Apr-2019	30-Jun-2021
Comments:	Artashat and Sevan MCs were put into operation on October 6 and 17, 2018. This indicator is on track to achieve the end-of-project target values.			

### Overall Comments

Most intermediate results indicators have achieved or exceeded their 2018 target values. However, the indicator measuring treatment of pediatric onco-hematology conditions within Armenia has not achieved its 2018 target value due to administrative difficulties posed by the transition in the management of the hematology center. The 2019 target for the training of hospital health workers is projected to be achieved, given completion of development and approval of the required guidelines.



## Data on Financial Performance

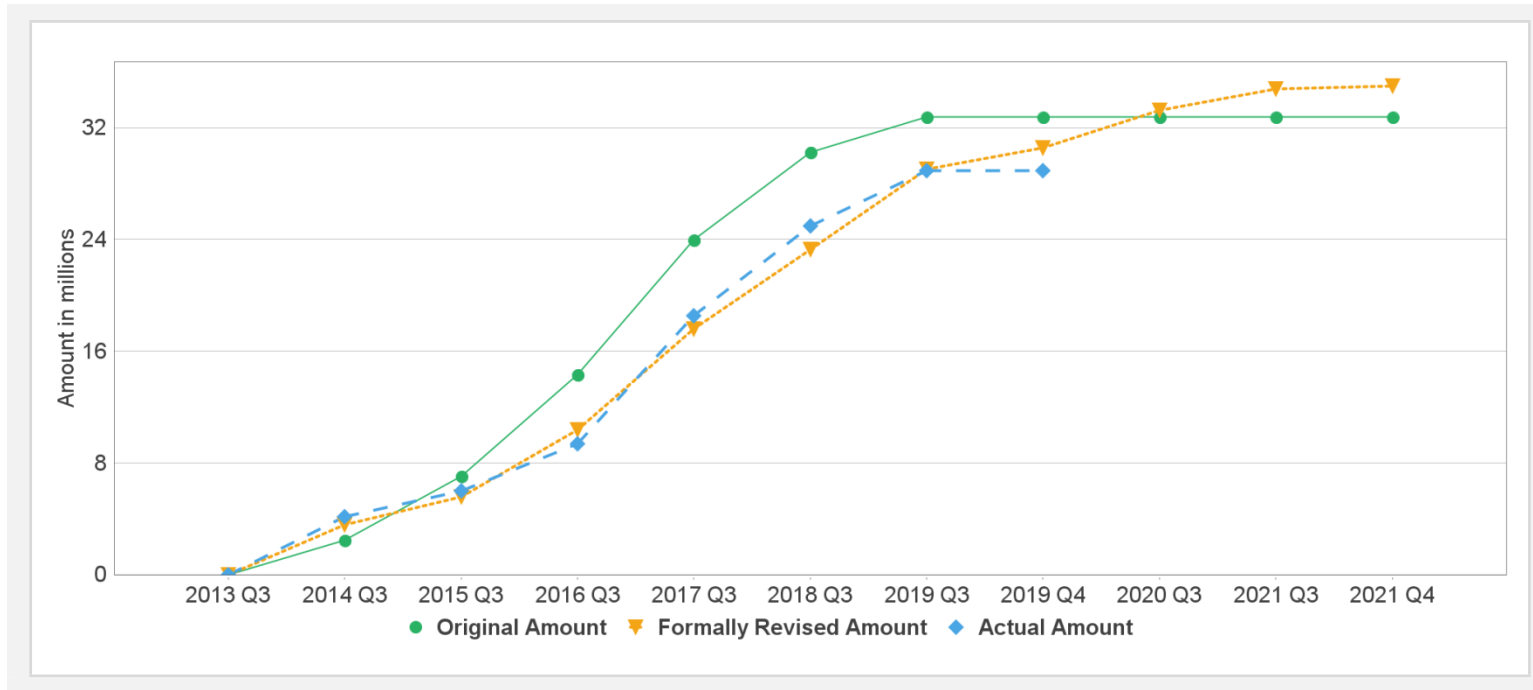
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P128442	IDA-52220	Effective	USD	35.00	35.00	0.00	27.41	4.86	85%
P128442	TF-14138	Effective	USD	1.80	1.80	0.00	1.52	0.28	84%

### 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	30-Jun-2021
P128442	TF-14138	Effective	11-Jul-2013	27-Sep-2013	27-Sep-2013	31-Dec-2018	31-Dec-2019

### Cumulative Disbursements





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## Restructuring History

Level 2 Approved on 04-Mar-2015 ,Level 2 Approved on 13-Mar-2018

## Related Project(s)

There are no related projects.

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