

PMR Public Report

Operation Number	JA-L1049	Chief of Operations Validation Date	10/16/22
Year- PMR Cycle	First period Jan-Jun 2022	Division Chief Validation Date	
Last Update	10/06/22	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Support for the Health Systems Strengthening for the Prevention and Care Management of Non-communicable Diseases Programme	Loan Number	4668/OC-JA
Executing Agency	MINISTRY OF HEALTH AND WELLNESS	Sector/Subsector	HEALTH-HEALTH SYSTEM STRENGTHENING
Team Leader	PEREZ CUEVAS, RICARDO ENRIQUE	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Jamaica
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	JAMAICA		

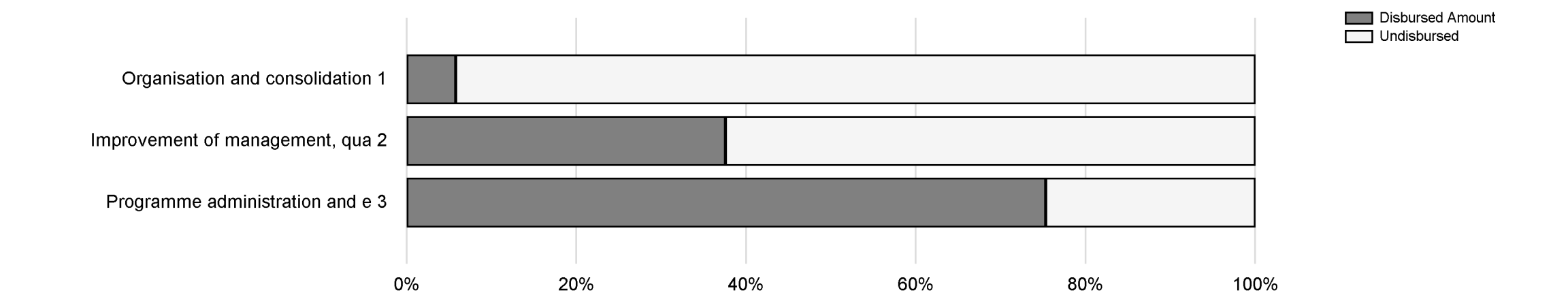
Environmental and Social Safeguards

Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

Financial Data

	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
JA-L1049	50,000,000	50,000,000	0	0	50,000,000	50,000,000	8,902,922.05	17.81%	41,097,077.95
Aggregated	50,000,000	50,000,000	0	0	50,000,000	50,000,000	8,902,922.05	17.81%	41,097,077.95

Expense Categories by Loan Contract (cumulative values)



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

RESULTS MATRIX

General Development Objectives

General Development Objectives Nbr. 1: To improve access to an upgraded and integrated primary and secondary health network in prioritized areas with an emphasis on chronic disease management to provide more efficient and higher quality care.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
1.0	Premature mortality rate for cardiovascular diseases (male)	Deaths/ 1000,000 inhabitants	189.9	2016	2024	P	186.7
						A	-

Details

Means of Verification: Register General's Department Statistics

Observations: ICD-10: I60-I69; population 30-69 years. Pro-gender; gender tracking. Baseline data for each parish required

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
1.2	Premature mortality rate for cardiovascular diseases (female)	Deaths/100,000 inhabitants	126.1	2016	2024	P	124
						A	-

Details

Means of Verification: Register general's department statistics of Jamaica

Observations: ICD-10: I60-I69; population 30-69 years. Pro-gender; gender tracking. Baseline data for each parish required

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
1.2	Premature mortality rate for diabetes mellitus (male)	Deaths/100,000 inhabitants	65.1	2016	2024	P	64
						A	-

Details

Means of Verification: Register General's Department Statistics

Observations: ICD-10: E10-E14; population 30-69 years. Pro-gender; gender tracking. Baseline data for each parish required

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
1.3	Premature mortality rate for diabetes mellitus (female)	Deaths/100,000 inhabitants	70.2	2016	2024	P	69
						A	-

Details

Means of Verification: Register General's Department Statistics

Observations: ICD-10: E10-E14; population 30-69 years. Pro-gender; gender tracking. Baseline data for each parish required

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator	

General Development Objectives Nbr. 2: To strenghten comprehensive policies for the prevention of non-communicable chronic diseases

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
2.4	Prevalence of diabetes mellitus for age group 15 yrs+ (male)	%	9	2017	2024	P	9
						A	-

Details

Means of Verification: Jamaica Health and Lifestyle Survey (JHLS).

Observations: Baseline and goal will be updated when the 2016/17 JHLS-III is available. Follow up will be done with JHLS-IV.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
2.5	Prevalence of diabetes mellitus for age group 15 yrs+ (female)	%	14.6	2017	2024	P	14.6
						A	-

Details

Means of Verification: Jamaica Health and Lifestyle Survey (JHLS).

Observations: Baseline and goal will be updated when the 2016/17 JHLS-III is available. Follow up will be done with JHLS-IV.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
2.6	Prevalence of hypertension for age 15 yrs+ (male)	%	31.7	2017	2024	P	31.2
						A	-

Details

Means of Verification: Jamaica Health and Lifestyle Survey (JHLS).

Observations: Baseline and goal will be updated when the 2016/17 JHLS-III is available. Follow up will be done with JHLS-IV.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
2.7	Prevalence of hypertension for age 15 yrs+ (female)	%	35.8	2017	2024	P	35.2
						A	-

Details

Means of Verification: Jamaica Health and Lifestyle Survey (JHLS).

Observations: Baseline and goal will be updated when the 2016/17 JHLS-III is available. Follow up will be done with JHLS-IV.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator					
Indicator				Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
2.8	Prevalence of obesity among girls, 13-15 years			%	10.3	2017	2024	P	9.5
								A	-
Details									

Means of Verification: Global school-based student health survey (GSHS)

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator					
Indicator				Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
2.9	Prevalence of obesity among boys, 13-15 years			%	9.9	2017	2024	P	9
								A	-
Details									

Means of Verification: Global school-based student health survey (GSHS)

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator				

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 0: To provide more efficient and higher quality care for patients with chronic non-communicable diseases

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
0.0	% of patients with hypertension who were treated according to management protocols (target health centres)	%	0	2019	P	-	-	-	-	-	-	25
					A	-	-	-	-	-	-	-

Details

Means of Verification: Annual project audit

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
0.2	% of patients with diabetes that were treated according to management protocols (target health centres)	%	0	2019	P	-	-	-	-	-	-	25
					A	-	-	-	-	-	-	-

Details

Means of Verification: Annual project audit

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
0.4	% of men age 18 years+ with hypertension that have their blood pressure controlled.	%	26	2008	P	-	-	-	-	-	-	26.5
					A	26	26	26	-	-	-	-

Details

Means of Verification: Jamaica Health and Lifestyle Survey (JHLS)

Observations: The survey diagnoses persons with hypertension and asks them if they are aware of their condition and if they are undergoing treatment for such condition.

Evaluation Methodology: -

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
0.5	% of women age 18+ years with hypertension that have their blood pressure controlled.	%	44.9	2008	P	-	-	-	-	-	-	50
					A	44.9	44.9	44.9	-	-	-	-

Details

Means of Verification: Jamaica Health and Lifestyle Survey (JHLS)

Observations: The survey diagnoses persons with hypertension and asks them if they are aware of their condition and if they are undergoing treatment for such condition.

Evaluation Methodology: -

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator	

0.6	Indicator		Patients who were triaged in less than 30 minutes (target hospitals)	Unit of Measure	Baseline	Baseline Year	2019	2020	2021	2022	2023	2024	EOP 2023										
	P	-					-	-	-	-	-	69											
A														34	34	34	-	-	-	-			
Details																							
Means of Verification: Ministry of Health																							
Observations: Baseline and goal to be adjusted during e-triage implementation																							
Evaluation Methodology: -																							
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator																			
Indicator														Unit of Measure	Baseline	Baseline Year	2019	2020	2021	2022	2023	2024	EOP 2023
0.7	Patients with category 5 Emergency Severity Index Triage rating in AED (3 hospitals)			%	40	2017	P	-	-	-	-	-	-	-	-	20							
							A	40	40	40	-	-	-	-	-								
Details																							
Means of Verification: Ministry of Health E-triage system																							
Observations: Baseline and goal to be adjusted during e-triage implementation																							
Evaluation Methodology: -																							
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator																			
Indicator														Unit of Measure	Baseline	Baseline Year	2019	2020	2021	2022	2023	2024	EOP 2023
0.7	Hospital admission rates of patients with hypertension acute complications			hospital admissions of hipertension acute complications/10000 patients with hypertension	135.8	2019	P	-	-	-	-	-	-	-	-	133							
							A	135.8	135.8	138.8	-	-	-	-	-	-							
Details																							
Means of Verification: Ministry of Health hospital discharges summaries																							
Observations:																							
Evaluation Methodology: -																							
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator																			
Indicator														Unit of Measure	Baseline	Baseline Year	2019	2020	2021	2022	2023	2024	EOP 2023
0.8	Average patient length of stay on general medicine wards (target hospitals)			days	8.7	2017	P	-	-	-	-	-	-	-	-	7							
							A	8.7	8.7	8.7	-	-	-	-	-	-							
Details																							
Means of Verification: Ministry of Health Hospital Monthly Statistics Report																							
Observations: Weighted per number of beds by hospital																							
Evaluation Methodology: -																							
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator																			
Indicator														Unit of Measure	Baseline	Baseline Year	2019	2020	2021	2022	2023	2024	EOP 2023
0.8	Hospital admission rates of patients with diabetes acute complications			rate	113	2019	P	-	-	-	-	-	-	-	-	112							
							A	113	113	113	-	-	-	-	-	-							
Details																							
Means of Verification: MoH Health information system hospital discharges summaries																							

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 1: To improve access to an upgraded and integrated primary and secondary health network in prioritized areas with an emphasis on chronic disease management

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
1.0	Persons receiving packet of health services (area of investment intervention)	# of beneficiaries	800000	2017	P	-	-	-	-	-	-	808,000
					A	800,000	800,000	800,000	-	-	-	-

Details

Means of Verification: Ministry of Health (i) Hospital Monthly Statistics Report (ii) Monthly Clinic Summary Report

Observations: Parameters: parish population, clinic usage rate, ambulatory care rate, hospital discharge rate. The average annual (%) growth rate in the period 2010-2017 was 0.20, therefore, it is expected that the population in the intervention areas will increase at this pace.

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.2 Beneficiaries receiving health services (#) (C)

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
1.3	Health centre diabetes patients with annual HbA1c glucose exam (target health centres)	%	30	2019	P	-	-	-	-	-	-	50
					A	30	30	30	-	-	-	-

Details

Means of Verification: Annual project audit: sample medical records review

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
1.12	Ministry of Health equipment and facility maintenance budget	%	1.4	2017	P	-	-	-	-	-	-	3
					A	1.4	1.4	1.4	-	-	-	-

Details

Means of Verification: Ministry of Finance and Public Service Expenditure Estimates

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 2: To strenghten comprehensive policies to prevent non-communicable (chronic) diseases risk factors

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	EOP 2023
2.2	% of female students aged 13-15 years who smoke cigarettes	%	11	2017	P	-	-	-	-	-	-	10
					A	11	11	11	-	-	-	-

Details

Means of Verification: Global school-based student health survey (GSHS)

Observations:

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component 1. Organization and consolidation of integrated health services networks

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
1.01	Hospital 1 (ST) with infrastructure upgrades completed	Hospital	P	-	1	7,104,842	22,918,844
			P (a)	-	1	-	22,918,844
			A	-	-	276,261	1,246,678
1.02	Updgrades for Hospital 1 (ST) designed	Design document	P	-	1	-	834,938
			P (a)	-	1	379,181	651,674
			A	-	1	41,875	289,243
1.03	Hospital 2 (SA) with infrastructure upgrades completed	Hospital	P	-	1	1,078,800	3,480,000
			P (a)	-	1	-	3,480,000
			A	-	-	-	-
1.04	Hospital 3 (MP) with infrastructure upgrades completed	Hospital	P	-	1	573,500	1,850,000
			P (a)	-	1	8,267	1,850,000
			A	-	-	-	-
1.05	Hospitals with new medical equipment installed	Hospitals	P	1	3	2,811,749	6,015,439
			P (a)	-	3	-	6,033,973
			A	-	-	7,227	57,268
1.06	Hospitals with industrial laundry equipment installed	Hospitals	P	-	3	-	829,000
			P (a)	1	3	154,776	969,231
			A	-	2	25,180	839,635
1.07	Hospitals with new imaging equipment installed	Hospitals	P	-	2	-	1,300,000
			P (a)	-	2	-	1,300,000
			A	-	-	-	-
1.08	Hospitals with corrective and preventive maintenance on infrastructure and equipment performed	Hospitals	P	1	3	207,272	440,000
			P (a)	3	3	-	288,563
			A	-	-	-	55,534

Component Nbr. 2 Improvement of management, quality and efficiency of health services

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
2.01	Patient care pathways and protocols updated and distributed	Pathway and protocol documents	P	1	2	133,031	330,000
			P (a)	2	2	259,453	362,023
			A	-	-	82,217	161,808
2.02	Health centers with adapted health networks with Caribbean chronic care model implemented	Health centres	P	8	10	109,000	270,000
			P (a)	5	10	176,036	270,000
			A	-	-	-	-
2.03	National Governance Structure to guide IS4H development formally established	IS4H Governance Document	P	-	1	86,000	1,142,667
			P (a)	-	1	261,171	970,984
			A	-	-	98,431	616,910
2.04	National IS4H Policy reviewed and adapted	IS4H Policy Document	P	-	1	13,000	326,333
			P (a)	1	1	32,553	249,365
			A	-	-	14,080	146,062
2.05	National Strategy for Telehealth developed and approved	Telehealth strategy document	P	-	1	-	55,000
			P (a)	1	1	-	60,000
			A	-	-	-	60,000
2.06	Health centres with Tele-mentoring services implemented	Health centres	P	4	10	182,110	741,874
			P (a)	-	10	280,619	686,683
			A	-	10	75,176	328,188
2.07	Electronic health record platform implemented	Platform	P	-	1	1,244,297	6,245,233
			P (a)	1	1	2,904,729	6,968,032
			A	-	-	151,611	1,780,619
2.08	Jamaica Health and Lifestyle Survey conducted	Survey report	P	-	1	165,408	580,000
			P (a)	-	1	13,333	578,927
			A	-	-	-	-

Other Cost				
	Four wheel drive SUV	P	0	38,000
		P (a)	0	37,166
		A	0	37,166
	Project Impact evaluation	P	0	250,000
		P (a)	0	250,000
		A	0	0
	Project auditing	P	36,000	192,000
		P (a)	22,979	157,913
		A	0	36,891
	PEU project staff (Project manager, procurement specialist, financial specialist, civil engineer, IS4H lead, component 2 coordinator, procurement officer, project accountant, administrative officer, driver and others)	P	271,117	2,160,672
		P (a)	393,007	1,916,622
		A	334,660	1,857,357
Total Cost				
	Total Cost	P	14,016,126	50,000,000
		P (a)	4,886,104	50,000,000
		A	1,106,718	7,513,359

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
3	Inactive		Technical Design
	Response Actions		
	3.1	Management Strategy	Status
		MITIGATE	INACTIVE
	3.2	Management Strategy	Status
		MITIGATE	INACTIVE

Risk ID	Risk Status		Risk Taxonomy
6	Inactive		Technical Design
	Response Actions		
	6.1	Management Strategy	Status
		MITIGATE	INACTIVE

Risk ID	Risk Status		Risk Taxonomy
9	Active		Internal Processes
	Response Actions		
	9.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
12	Active		Organizational Structure		
	Response Actions				
	12.1	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy		
15	Inactive		Systems		
	Response Actions				
	15.0	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy
18	Active		Economic and Financial Environment
	Response Actions		
	18.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
21	Active		Natural Environment
	Response Actions		
	21.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
24	Active		Internal Processes
	Response Actions		
	24.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
27	Inactive		Social Environment
	Response Actions		
	27.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
30	Active		Organizational Structure
	Response Actions		
	30.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
33	Inactive		Institutional Environment
	Response Actions		
	33.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
36	Materialized		Internal Processes
	Response Actions		
	36.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy		
39	Inactive		Institutional Environment		
	Response Actions				
	39.0	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy		
42	Inactive		Institutional Environment		
	Response Actions				
	42.0	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy
45	Active		Governance Framework
	Response Actions		
	45.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
48	Inactive		Institutional Environment		
	Response Actions				
	48.0	Management Strategy		Status	
		-			

Risk ID	Risk Status		Risk Taxonomy
51	Inactive		Political Environment
	Response Actions		
	51.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
54	Active		Institutional Environment
	Response Actions		
	54.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
57	Active		Economic and Financial Environment
	Response Actions		
	57.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
60	Active		Planning
	Response Actions		
	60.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
63	Active		Institutional Environment
	Response Actions		
	63.1	Management Strategy	Status
		MITIGATE	ACTIVE

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Cost and Budgetary Aspects
Project Management Capacity
Project Design