

# PMR Operational Report

<b>Operation Number</b>	JA-L1049	<b>Chief of Operations Validation Date</b>	11/18/19
<b>Year- PMR Cycle</b>	First period Jan-Jun 2019	<b>Division Chief Validation Date</b>	11/19/19
<b>Last Update</b>	11/18/19	<b>Country Representative Validation Date</b>	11/19/19
<b>PMR Validation Stage</b>	Validated by Representative		

## Basic Data

### Operation Profile

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

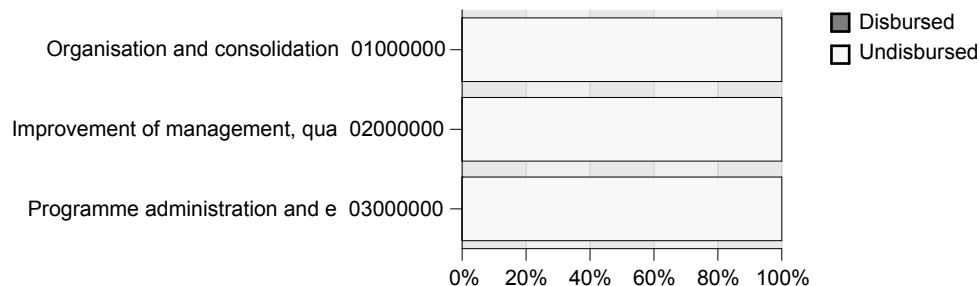
## Environmental and Social Safeguards

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

## Financial Data

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
JA-L1049	50,000,000	50,000,000	0	0	50,000,000	50,000,000	500,000	1.00%	49,500,000
Aggregated	50,000,000	50,000,000	0	0	50,000,000	50,000,000	500,000	1.00%	49,500,000

## 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.

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

**Impact 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		2019	2020	2021	2022	EOP 2023
1.0	Premature mortality rate for cardiovascular diseases (male)	Deaths/ 1000,000 inhabitants	189.90	2016	P					186.70
					P(a)					186.70
					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

**Pro-Gender** Yes **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
1.2	Premature mortality rate for cardiovascular diseases (female)	Deaths/ 100,000 inhabitants	126.10	2016	P					124.00
					P(a)					124.10
					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

**Pro-Gender** Yes **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
1.2	Premature mortality rate for diabetes mellitus (male)	Deaths/ 100,000 inhabitants	65.10	2016	P					64.00
					P(a)					64.00
					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

**Pro-Gender** Yes **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
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## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

1.3	Premature mortality rate for diabetes mellitus (female)	Deaths/ 100,000 inhabitants	70.20	2016	P					69.00
					P(a)					69.00
					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										
Pro-Gender		Yes			Pro-Ethnicity		No			

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

**Impact Nbr. 2:** To strengthen comprehensive policies for the prevention of non-communicable chronic diseases

##### Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
2.4	Prevalence of diabetes mellitus for age group 15 yrs+ (male)	%	9.00	2017	P					9.00
					P(a)					9.00
					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.

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
2.5	Prevalence of diabetes mellitus for age group 15 yrs+ (female)	%	14.60	2017	P					14.60
					P(a)					14.60
					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.

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
2.6	Prevalence of hypertension for age 15 yrs+ (male)	%	31.70	2017	P					31.20
					P(a)					31.20
					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.

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
2.7	Prevalence of hypertension for age 15 yrs+	%	35.80	2017	P					35.20

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

2.7	(female)	%	35.80	2017	P(a)						35.20
					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.

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
2.8	Prevalence of obesity among girls, 13-15 years	%	10.30	2017	P				9.50
					P(a)				9.50
					A				

#### Details

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

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	EOP 2023
2.9	Prevalence of obesity among boys, 13-15 years	%	9.90	2017	P				9.00
					P(a)				9.00
					A				

#### Details

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

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

**Outcome 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	EOP 2023
0.0	% of patients with hypertension who were treated according to management protocols (target health centres)	%	0.00	2019	P	0.00				25.00
					P(a)	0.00				25.00
					A	0.00				

#### Details

**Means of verification:** Annual project audit

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.2	% of patients with diabetes that were treated according to management protocols (target health centres)	%	0.00	2019	P	0.00				25.00
					P(a)	0.00				25.00
					A	0.00				

#### Details

**Means of verification:** Annual project audit

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.4	% of men age 18 years+ with hypertension that have their blood pressure controlled.	%	26.00	2008	P	0.00				26.50
					P(a)	0.00				26.50
					A	0.00				

#### 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.

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.5	% of women age 18+ years with hypertension that have their blood pressure controlled.	%	44.90	2008	P	0.00				50.00
					P(a)	0.00				50.00
					A	0.00				

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

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.											
Pro-Gender		Yes			Pro-Ethnicity			No			
Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.6	Patients who were triaged in less than 30 minutes (target hospitals)	%	34.00	2017	P	0.00					69.00
					P(a)	0.00				69.00	
					A	0.00					
Details											
Means of verification: Ministry of Health											
Observations: Baseline and goal to be adjusted during e-triage implementation											
Pro-Gender		No			Pro-Ethnicity			No			
Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.7	Patients with category 5 Emergency Severity Index Triage rating in AED (3 hospitals)	%	40.00	2017	P	0.00					20.00
					P(a)	0.00				20.00	
					A	0.00					
Details											
Means of verification: Ministry of Health E-Triage system											
Observations: Baseline and goal to be adjusted during e-triage implementation											
Pro-Gender		No			Pro-Ethnicity			No			
Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.7	Hospital admission rates of patients with hypertension acute complications	hospital admissions of hipertension acute complications/ 10000 patients with hypertension	135.80	2019	P	0.00					133.00
					P(a)	0.00				133.00	
					A	0.00					
Details											
Means of verification: Ministry of Health hospital discharges summaries											
Pro-Gender		No			Pro-Ethnicity			No			

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.8	Average patient length of stay on general medicine wards (target hospitals)	Days	8.70	2017	P	0.00					7.00
					P(a)	0.00					7.00
					A	0.00					

#### Details

**Means of verification:** Ministry of Health Hospital Monthly Statistics Report

**Observations:** Weighted per number of beds by hospital

**Pro-Gender** No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
0.8	Hospital admission rates of patients with diabetes acute complications	Rate	113.00	2019	P	0.00					112.00
					P(a)	0.00					112.00
					A	0.00					

#### Details

**Means of verification:** MoH Health information system hospital discharges summaries

**Pro-Gender** No **Pro-Ethnicity** No

**Outcome 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	EOP 2023
1.0	Persons receiving packet of health services (area of investment intervention)	Beneficiaries (#)	800,000.00	2017	P	0.00					808,000.00
					P(a)	0.00					808,000.00
					A	0.00					

#### 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.

**Pro-Gender** No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
1.3	Health centre diabetes patients with annual HbA1c glucose exam (target health centres)	%	30.00	2019	P	0.00					50.00
					P(a)	0.00					50.00



## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

1.3	Health centre diabetes patients with annual HbA1c glucose exam (target health centres)	%	30.00	2019	A	0.00					
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#### Details

**Means of verification:** Annual project audit: sample medical records review

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
1.12	Ministry of Health equipment and facility maintenance budget	%	1.40	2017	P	0.00				3.00
					P(a)	0.00				3.00
					A	0.00				

#### Details

**Means of verification:** Ministry of Finance and Public Service Expenditure Estimates

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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**Outcome Nbr. 2:** To strengthen comprehensive policies to prevent non-communicable (chronic) diseases risk factors

**Observation:**

Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
2.2	% of female students aged 13-15 years who smoke cigarettes	%	11.00	2017	P	0.00				10.00
					P(a)	0.00				10.00
					A	0.00				

#### Details

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

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
2.3	% of male students aged 13-15 years who smoke cigarettes	%	19.10	2017	P	0.00				18.00
					P(a)	0.00				18.00
					A	0.00				

#### Details

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

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of	Baseline	Baseline		2019	2020	2021	2022	2023	EOP 2023
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## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

		Measure		Year							
2.6	% of students aged 13-15 years who are sedentary – Females (national level)	%	62.70	2017	P	0.00					58.00
					P(a)	0.00				58.00	
					A	0.00					
Details											
Means of verification: Global school-based student health survey (GSHS)											
Observations: Definition: % of students who spent more than three or more screen time hours per day (sitting and watching television, playing computer games, or talking											
Pro-Gender		Yes			Pro-Ethnicity		No				
Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
2.7	% of students aged 13-15 years who are sedentary – Males (national level)	%	49.80	2017	P	0.00					45.00
					P(a)	0.00				45.00	
					A	0.00					
Details											
Means of verification: Global school-based student health survey (GSHS)											
Observations: Definition: % of students who spent more than three or more screen time hours per day (sitting and watching television, playing computer games, or talking											
Pro-Gender		Yes			Pro-Ethnicity		No				
Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	EOP 2023
2.9	% of population aged 15-74 who does not meet the recommended daily intake of vegetables (national level)	%	99.00	2008	P	0.00					90.00
					P(a)	0.00				90.00	
					A	0.00					
Details											
Means of verification: Jamaica Health and Lifestyle Survey (JHLS)											
Pro-Gender		No			Pro-Ethnicity		No				

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

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

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2023	2019	EOP 2023
1.1	Hospital 1 (ST) with infrastructure upgrades completed	Hospital	P	0	1	0	22,918,844
			P(a)	0	1	0	22,918,844
			A	0	0	0	0
1.2	Updgrades for Hospital 1 (ST) designed	Design document	P	0	1	0	834,938
			P(a)	0	1	0	834,938
			A	0	0	0	0
1.3	Hospital 2 (SA) with infrastructure upgrades completed	Hospital	P	0	1	0	3,480,000
			P(a)	0	1	0	3,480,000
			A	0	0	0	0
1.4	Hospital 3 (MP) with infrastructure upgrades completed	Hospital	P	0	1	0	1,850,000
			P(a)	0	1	0	1,850,000
			A	0	0	0	0
1.5	Hospitals with new medical equipment installed	Hospitals	P	0	3	0	6,015,439
			P(a)	0	3	0	6,015,439
			A	0	0	0	0
1.6	Hospitals with industrial laundry equipment installed	Hospitals	P	0	3	0	829,000
			P(a)	0	3	0	829,000
			A	0	0	0	0
1.7	Hospitals with new imaging equipment installed	Hospitals	P	0	2	0	1,300,000
			P(a)	0	2	0	1,300,000
			A	0	0	0	0
1.8	Hospitals with corrective and preventive maintenance on infrastructure and equipment performed	Hospitals	P	0	3	0	440,000
			P(a)	0	3	0	440,000
			A	0	0	0	0

## RESULTS MATRIX

### OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

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

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2023	2019	EOP 2023
2.1	Patient care pathways and protocols updated and distributed	Pathway and protocol documents	P	0	2	0	330,000
			P(a)	0	2	0	330,000
			A	0	0	0	0
2.2	Health centers with adapted health networks with Caribbean chronic care model implemented	Health centres	P	0	10	0	270,000
			P(a)	0	10	0	270,000
			A	0	0	0	0
2.3	National Governance Structure to guide IS4H development formally established	IS4H Governance Document	P	0	1	37,667	1,142,667
			P(a)	0	1	37,667	1,142,667
			A	0	0	0	0
2.4	National IS4H Policy reviewed and adapted	IS4H Policy Document	P	0	1	29,600	326,333
			P(a)	0	1	29,600	326,333
			A	0	0	0	0
2.5	National Strategy for Telehealth developed and approved	Telehealth strategy document	P	0	1	0	55,000
			P(a)	0	1	0	55,000
			A	0	0	0	0
2.6	Health centres with Tele-mentoring services implemented	Health Centres	P	0	10	40,000	741,874
			P(a)	0	10	40,000	741,874
			A	0	0	0	0
2.7	Electronic health record platform implemented	Health Centres	P	0	1	102,449	6,245,233
			P(a)	0	1	102,449	6,245,233
			A	0	0	0	0
2.8	Jamaica Health and Lifestyle Survey conducted	Survey report	P	0	1	0	580,000
			P(a)	0	1	0	580,000
			A	0	0	0	0

#### Other Cost

	Four wheel drive SUV	P			38,000	38,000
		P(a)			38,000	38,000
		A			0	0
	Project Impact evaluation	P			0	250,000
		P(a)			0	250,000
		A			0	0
	Project auditing	P			12,000	192,000
		P(a)			12,000	192,000
		A			0	0
	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			369,207	2,160,672
		P(a)			369,207	2,160,672
		A			0	0

#### Total Cost

	Total Cost	P			628,923	50,000,000
		P(a)			628,923	50,000,000
		A			0	0

### CHANGES TO THE MATRIX

No information available for this section

### IMPLEMENTATION STATUS AND LEARNING

No information available for this section