PMR Operational Report

Operation Number	JA-L1049	**Chief of Operations Validation Date**	05/13/19
Year- PMR Cycle	Second period Jan-Dec 2018	**Division Chief Validation Date**	05/13/19
Last Update	05/10/19	**Country Representative Validation Date**	05/16/19
PMR Validation Stage	Validated by Representative		

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	**Sector/Subsector**	SA-HSS - HEALTH-HEALTH SYSTEM STRENGTHENING
Team Leader	MAC ARTHUR, IAN WILLIAM	**Overall Stage**	Approved/Pending Eligibility
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

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	0	0.00%	50,000,000
Aggregated	**50,000,000**	**50,000,000**	**0**	**0**	**50,000,000**	**50,000,000**	**0**	**0.00%**	**50,000,000**

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.

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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		2023	EOP 2023
1.0	Premature mortality rate for cardiovascular diseases (male)	Deaths/ 1000,000 inhabitants	92.60	2016	P		89.00
					P(a)		89.00
					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		2023	EOP 2023
1.2	Premature mortality rate for cardiovascular diseases (female)	Deaths/ 100,000 inhabitants	101.00	2016	P		96.00
					P(a)		96.00
					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		2023	EOP 2023
1.2	Premature mortality rate for diabetes mellitus (male)	Deaths/ 100,000 inhabitants	60.20	2016	P		57.50
					P(a)		57.50
					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		2023	EOP 2023

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IMPACTS

1.3	Premature mortality rate for diabetes mellitus (female)	Deaths/ 100,000 inhabitants	96.70	2016	P		95.00
					P(a)		95.00
					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

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RESULTS MATRIX

IMPACTS

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

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
2.4	Prevalence of diabetes mellitus for age group 18 yrs+ (male)	%	10.70	2008	P		9.70
					P(a)		9.70
					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.

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

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
2.5	Prevalence of diabetes mellitus for age group 18 yrs+ (female)	%	21.60	2008	P		21.60
					P(a)		21.60
					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.

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

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
2.6	Prevalence of hypertension for age 18 yrs+ (male)	%	51.10	2008	P		47.00
					P(a)		47.00
					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.

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

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
2.7	Prevalence of hypertension for age 18 yrs+	%	58.40	2008	P		56.70

RESULTS MATRIX

IMPACTS

2.7	(female)	%	58.40	2008	P(a)		56.70
					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.

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

Indicator		Unit of Measure	Baseline	Baseline Year		2023	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)

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

Indicator		Unit of Measure	Baseline	Baseline Year		2023	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)

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

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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		2023	EOP 2023
0.0	% of patients with hypertension who were treated according to management protocols (target health centres)	%	40.00	2019	P		50.00
					P(a)		50.00
					A		
				Details			

Means of verification: Annual project audit

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

Indicator		Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
0.2	% of patients with diabetes that were treated according to management protocols (target health centres)	%	30.00	2019	P		40.00
					P(a)		40.00
					A		
				Details			

Means of verification: Annual project audit

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

Indicator		Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
0.4	% of men age 18 years+ with hypertension that have their blood pressure controlled.	%	31.20	2008	P		38.00
					P(a)		
					A		
				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		2023	EOP 2023
0.5	% of women age 18+ years with hypertension that have their blood pressure controlled.	%	44.90	2008	P		50.00
					P(a)		50.00
					A		

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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		2023	EOP 2023
0.6	Patients who were triaged in less than 30 minutes (target hospitals)	%	34.00	2017	P		69.00
					P(a)		69.00
					A		

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		2023	EOP 2023
0.7	Patients with category 5 Emergency Severity Index Triage rating in AED (3 hospitals)	%	40.00	2017	P		15.00
					P(a)		15.00
					A		

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		2023	EOP 2023
0.7	Hospital admission rates of patients with hypertension acute complications	hospital admissions of hipertension acute complications/ 10000 patients with hypertension	33.00	2019	P		33.00
					P(a)		33.00
					A		

Details
Means of verification: Ministry of Health hospital discharges summaries

Pro-Gender	No	Pro-Ethnicity	No

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OUTCOMES

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

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		2023	EOP 2023
0.8	Hospital admission rates of patients with diabetes acute complications	Rate	20.00	2019	P		18.00
					P(a)		18.00
					A		

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

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		2023	EOP 2023
1.3	Health centre diabetes patients with annual HbA1c glucose exam (target health centres)	%	30.00	2019	P		50.00
					P(a)		50.00

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OUTCOMES

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

Details

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

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

Indicator		Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
1.12	Ministry of Health equipment and facility maintenance budget	%	1.40	2017	P		3.00
					P(a)		3.00
					A		

Details

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

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

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

Observation:

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

Details

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

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

Indicator		Unit of Measure	Baseline	Baseline Year		2023	EOP 2023
2.3	% of male students aged 13-15 years who smoke cigarettes	%	19.10	2017	P		18.00
					P(a)		18.00
					A		

Details

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

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

Indicator		Unit of	Baseline	Baseline		2023	EOP 2023

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RESULTS MATRIX

OUTCOMES

		Measure		Year				
2.6	% of students aged 13-17 years who are sedentary – Females (national level	%	62.70	2017	P			58.00
					P(a)			58.00
					A			
				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		2023		EOP 2023
2.7	% of students aged 13-17 years who are sedentary – Males (national level)	%	49.80	2017	P			45.00
					P(a)			45.00
					A			
				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		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			90.00
					P(a)			90.00
					A			
				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 EOP 2023	FINANCIAL PROGRESS EOP 2023
1.1	Health centres with infrastructure upgrades completed	Health Centres	P	10	
			P(a)	10	
			A	0	
1.2	Health centres with new medical equipment supplied	Health centres	P	10	
			P(a)	10	
			A	0	
1.3	Health centres with corrective and preventive maintenance on infrastructure and equipment performed	Health centres	P	10	
			P(a)	10	
			A	0	
1.4	Hospitals with infrastructure upgrades completed	Hospital	P	3	
			P(a)	3	
			A	0	
1.5	1.5. Hospitals with new medical equipment supplied	Hospitals	P	3	
			P(a)	3	
			A	0	
1.6	1.6. Hospitals with industrial laundry equipment supplied	Hospitals	P	3	
			P(a)	3	
			A	0	
1.7	1.7. Hospitals with new imaging equipment supplied	Hospitals	P	2	
			P(a)	2	
			A	0	
1.8	1.8. Hospitals with corrective and preventive maintenance on infrastructure and equipment performed	Hospitals	P	3	
			P(a)	3	
			A	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 EOP 2023	FINANCIAL PROGRESS EOP 2023
2.1	Patient care pathways and protocols updated and distributed	Pathway and protocol documents	P	2	
			P(a)	2	
			A	0	
2.2	Health networks with adapted Caribbean chronic care model implemented	Health centres	P	10	
			P(a)	10	
			A	0	
2.3	National Governance Structure to guide IS4H development formally established	IS4H Governance Document	P	1	
			P(a)	1	
			A	0	
2.4	National IS4H Strategic Plan approved	IS4H Policy Document	P	1	
			P(a)	1	
			A	0	
2.5	National Strategy for Telehealth developed and approved	Telehealth strategy document	P	1	
			P(a)	1	
			A	0	
2.6	Health centres with Tele-mentoring services implemented	Health Centres	P	10	
			P(a)	10	
			A	0	
2.7	Number of health facilities with EHR implemented	Health Centres	P	3	
			P(a)	3	
			A	0	
2.8	Jamaica Health and Lifestyle Survey conducted	Survey report	P	1	
			P(a)	1	
			A	0	

CHANGES TO THE MATRIX

No information available for this section

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Acquisitions and Procurement - Bidding Stage
Project Management Capacity