



JAMAICA

NATIONAL DISASTER PREPAREDNESS BASELINE ASSESSMENT
PARISH PROFILE – SAINT MARY

Saint Mary: Risk

Saint Mary ranks 4th of 14 on the Multi-Hazard Risk Index with a score of **0.605**. Saint Mary's score and ranking are due to high Multi-Hazard Exposure combined with high Vulnerability and moderate Coping Capacity scores (see Figure 1). The Parish ranks 5th in Multi-Hazard Exposure, 3rd in Vulnerability, and 8th in Coping Capacity.

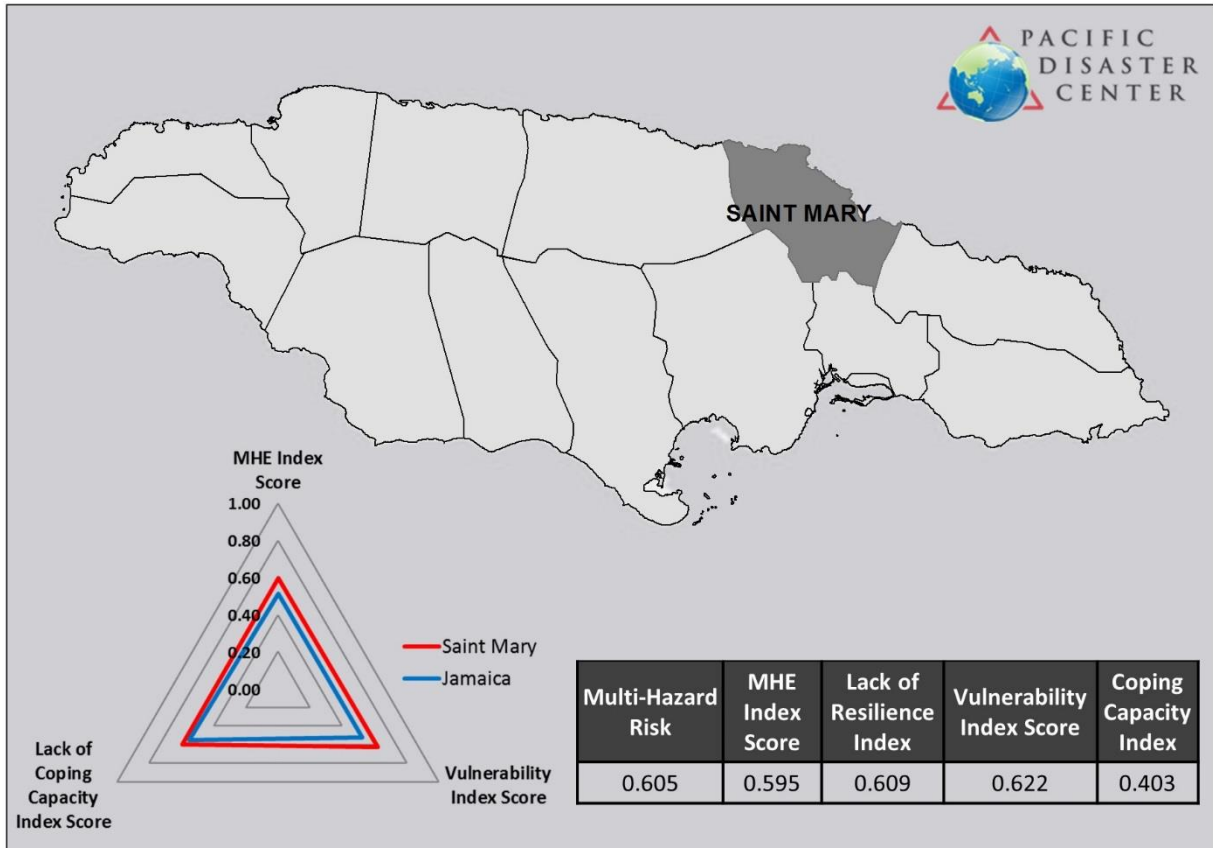


Figure 1. Risk scores for the parish of Saint Mary

Saint Mary: Lack of Resilience

Saint Mary ranks 4th of 14 on the Lack of Resilience Index with a score of **0.609** (see Table 1). Saint Mary's score and ranking are due to high Vulnerability and low Coping Capacity. The Parish ranks 3rd in Vulnerability and 8th in Coping Capacity.

The three thematic areas with the weakest relative scores for the Saint Mary Parish are: **Economic Capacity, Environmental Capacity, and Recent Disaster Impacts.**

Table 1. Lack of Resilience Index and Component scores for Saint Mary

Index	Saint Mary	
	Score	Rank
Lack of Resilience	0.609	4
Components		
Vulnerability	0.622	3
Coping Capacity	0.403	8

Saint Mary: Coping Capacity

Saint Mary's Coping Capacity ranks 8th out of 14 with a score of **0.403** (see Table 2). The thematic areas with the weakest relative scores are **Economic Capacity** and **Environmental Capacity** (see Figure 2). These two thematic areas appear to constrain Coping Capacity within this parish.

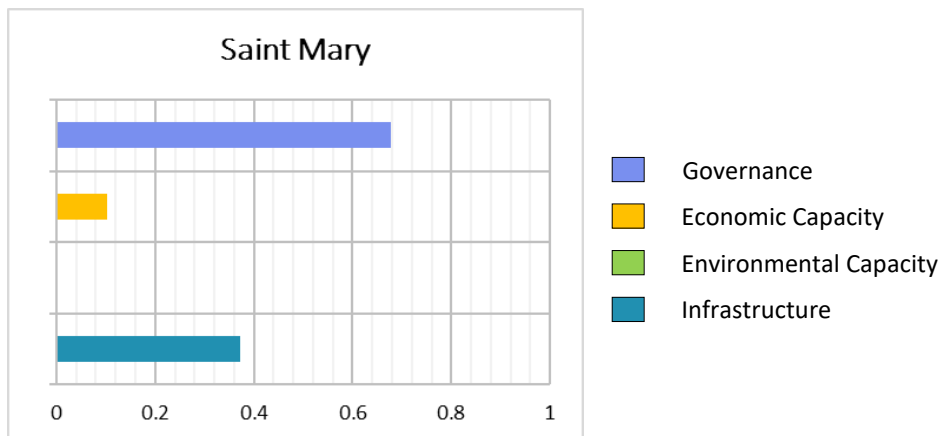


Figure 2. Coping Capacity subcomponents for Saint Mary

Table 2. Coping Capacity Index, subcomponent and sub-index scores for Saint Mary

Index	Saint Mary	
	Score	Rank
Coping Capacity	0.403	8
Subcomponents		
Governance	0.678	2
Economic Capacity	0.103	13
Environmental Capacity	0.000	14
Infrastructure	0.372	9
Infrastructure Sub-indices		
Health Care	0.665	2
Transportation	0.218	11
Communications	0.231	14

Saint Mary: Vulnerability

Saint Mary ranks **3rd** out of **14** on the Vulnerability Index with a score of **0.622**. Vulnerability in Saint Mary is strongly influenced by **Recent Disaster Impacts, Clean Water Vulnerability, and Information Access Vulnerability** subcomponent scores (see Table 3 and Figure 3).

Table 3. Vulnerability Index and subcomponent index scores for Saint Mary

Index	Saint Mary	
	Score	Rank
Vulnerability	0.622	3
Subcomponents		
Economic Constraints	0.486	10
Info Access Vulnerability	0.628	7
Vulnerable Health Status	0.586	4
Clean Water Vulnerability	0.739	7
Environmental Stress	0.583	4
Recent Disaster Impacts	0.749	3
Gender Inequality	0.584	5

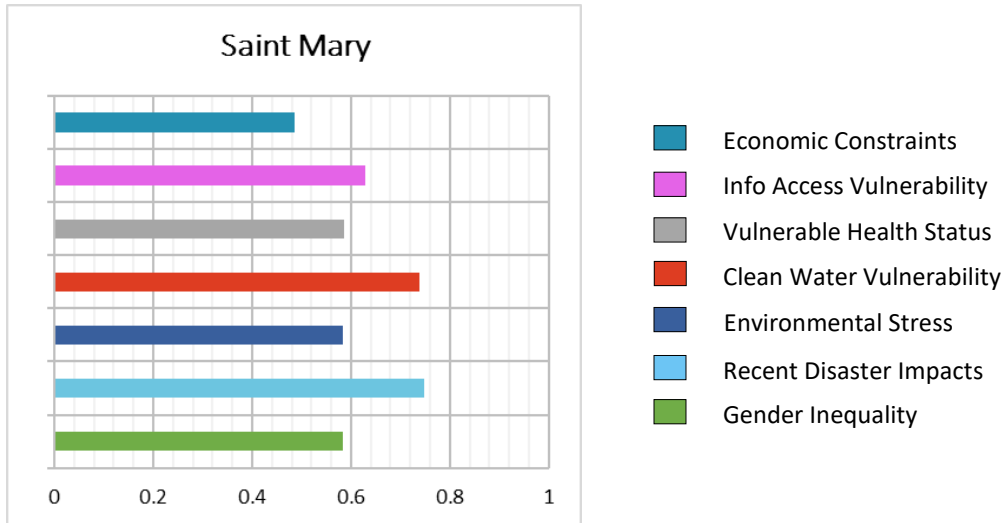


Figure 3. Vulnerability subcomponents for Saint Mary

Saint Mary: Multi-Hazard Exposure

Saint Mary ranks 5th out of 14 on the Multi-Hazard Exposure index with a score of 0.595 (see Table 4). A large proportion of the population is exposed to **tropical cyclone wind, seismic activity, landslides, inland flood, and coastal flood** (refer to Figure 4 and Figure 5).

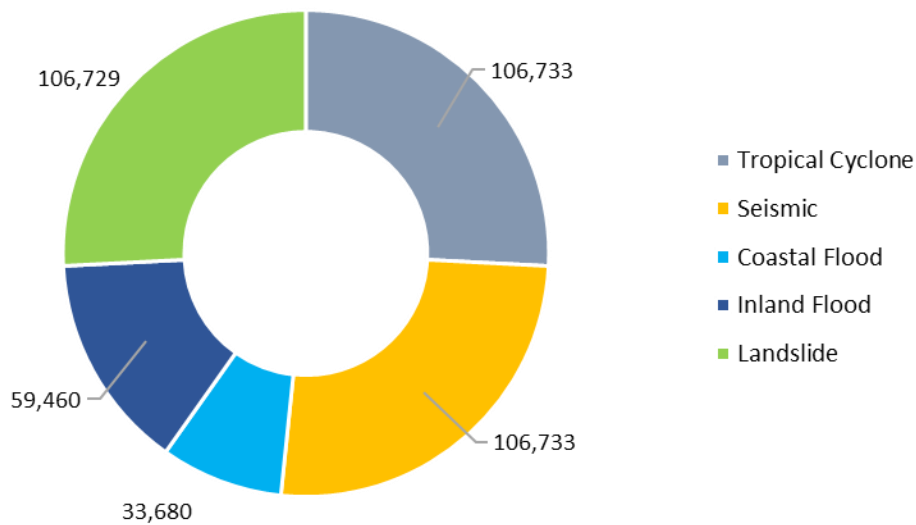


Figure 4. Raw population exposure by hazard type for Saint Mary

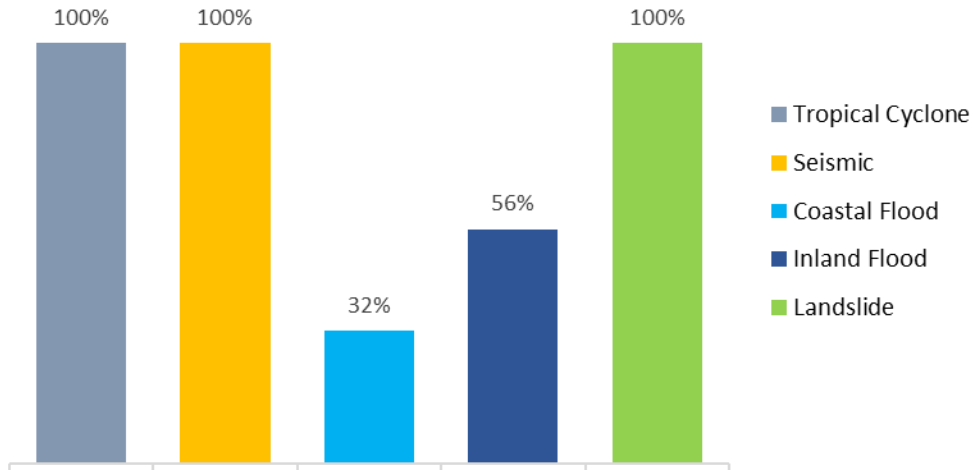


Figure 5. Percent population exposure to hazard type for Saint Mary

Table 4. Multi-Hazard Exposure Index, Raw and Relative Exposure Index scores for Saint Mary

Index	Saint Mary	
	Score	Rank
Multi-Hazard Exposure	0.595	5
Subcomponents		
Raw Exposure	0.296	10
Relative Exposure	0.895	3