



JAMAICA

NATIONAL DISASTER PREPAREDNESS BASELINE ASSESSMENT
PARISH PROFILE – SAINT THOMAS

Saint Thomas: Risk

Saint Thomas ranks **3rd** out of **14** on the Multi-Hazard Risk Index with a score of **0.623**. The Multi-Hazard Risk in Saint Thomas is a product of high Multi-Hazard Exposure, high Vulnerability, and low Coping Capacity scores (see Figure 1). The Parish has the 4th highest Multi-Hazard Exposure, the 4th highest Vulnerability, and 9th highest Coping Capacity.

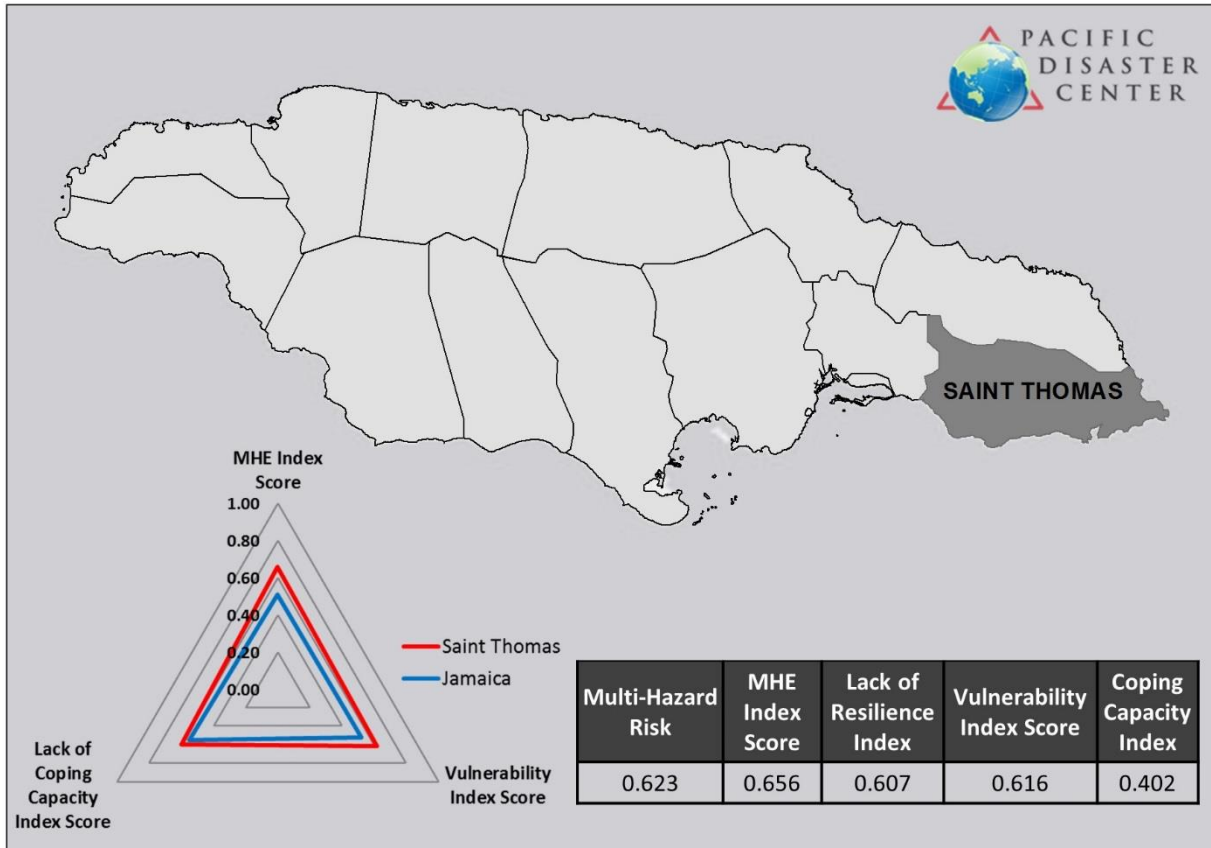


Figure 1. Risk scores for the parish of Saint Thomas

Saint Thomas: Lack of Resilience

Saint Thomas ranks 6th of 14 on the Lack of Resilience Index with a score of **0.607**. Saint Thomas’s score and ranking are due to high Vulnerability combined with low Coping Capacity scores (see Table 1). Saint Thomas has the 4^h highest Vulnerability and 9th highest Coping Capacity.

The three thematic areas with the weakest relative scores for Saint Thomas Parish are: **Recent Disaster Impacts, Economic Capacity, and Information Access Vulnerability.**

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

Index	Saint Thomas	
	Score	Rank
Lack of Resilience	0.607	6
Components		
Vulnerability	0.616	4
Coping Capacity	0.402	9

Saint Thomas: Coping Capacity

Saint Thomas’s Coping Capacity ranks 9th out of 14 with a score of **0.402**. The thematic areas with the weakest relative scores are **Governance** and **Infrastructure (specifically, Health Care Capacity)**. Refer to Table 2 and Figure 2. These two thematic areas appear to constrain Coping Capacity within this parish.

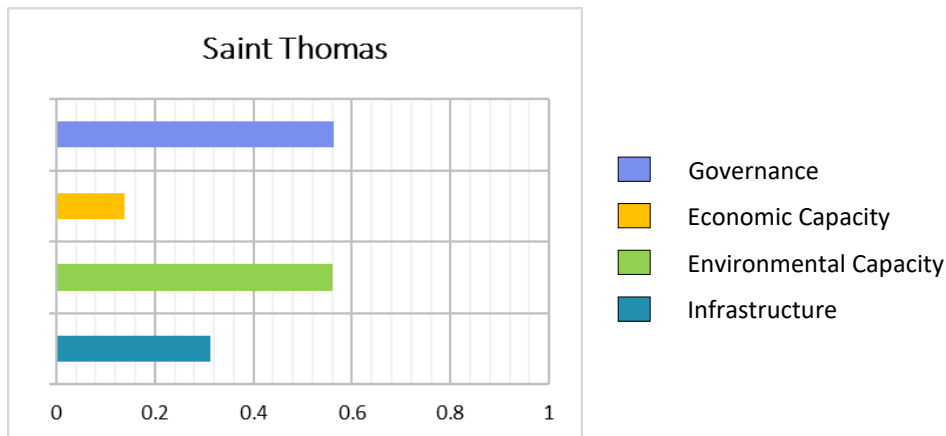


Figure 2. Coping Capacity subcomponents for Saint Thomas

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

Index	Saint Thomas	
	Score	Rank
Coping Capacity	0.402	9
Subcomponents		
Governance	0.562	3
Economic Capacity	0.138	12
Environmental Capacity	0.561	5
Infrastructure	0.312	14
Infrastructure Sub-indices		
Health Care	0.473	5
Transportation	0.154	13
Communications	0.309	12

Saint Thomas: Vulnerability

Saint Thomas ranks 4th out of 14 on the Vulnerability Index with a score of **0.616**. Vulnerability in Saint Thomas is strongly influenced by **Recent Disaster Impacts, Economic Constraints, Information Access Vulnerability, and Clean Water Vulnerability** subcomponent scores (see Table 3 and Figure 3).

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

Index	Saint Thomas	
	Score	Rank
Vulnerability	0.616	4
Subcomponents		
Economic Constraints	0.709	1
Info Access Vulnerability	0.757	5
Vulnerable Health Status	0.336	14
Clean Water Vulnerability	0.736	8
Environmental Stress	0.432	8
Recent Disaster Impacts	0.819	1
Gender Inequality	0.525	8

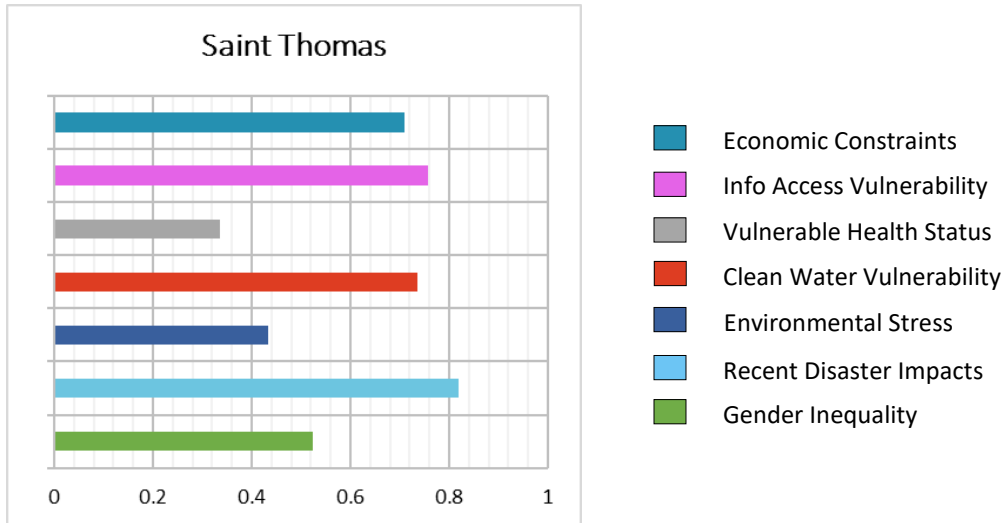


Figure 3. Vulnerability subcomponents for Saint Thomas

Saint Thomas: Multi-Hazard Exposure

Saint Thomas ranks 4th out of 14 on the Multi-Hazard Exposure index with a score of **0.656** (see Table 4). A large proportion of the population is exposed to **tropical cyclone wind, seismic activity, landslides, inland flood, and coastal flood** (see Figure 4 and Figure 5).

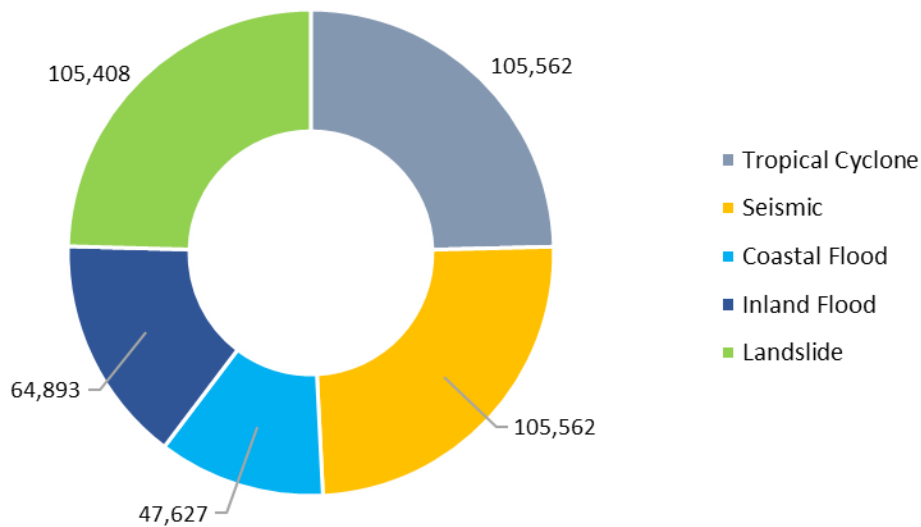


Figure 4. Raw population exposure by hazard type for Saint Thomas

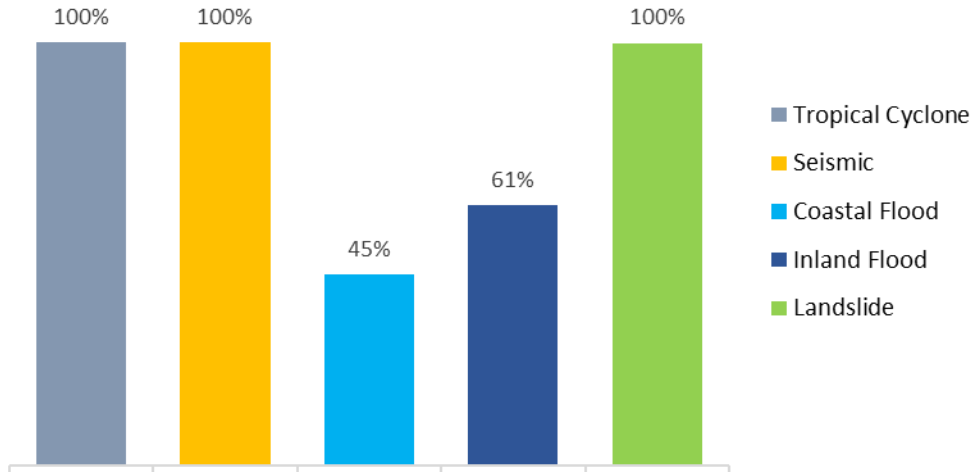


Figure 5. Percent population exposure to hazard type for Saint Thomas

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

Index	Saint Thomas	
	Score	Rank
Multi-Hazard Exposure	0.656	4
Subcomponents		
Raw Exposure	0.311	8
Relative Exposure	1.000	1