



JAMAICA

NATIONAL DISASTER PREPAREDNESS BASELINE ASSESSMENT PARISH PROFILE – WESTMORELAND

Westmoreland: Risk

Westmoreland ranks 9th out of 14 on the Multi-Hazard Risk index with a score of **0.500**. Though Westmoreland has very low Multi-Hazard Exposure, the Parish exhibits high Vulnerability combined with very low Coping Capacity (see Figure 1). The Parish ranks 12th for Multi-Hazard Exposure, 5th in Vulnerability, and 13th in Coping Capacity.

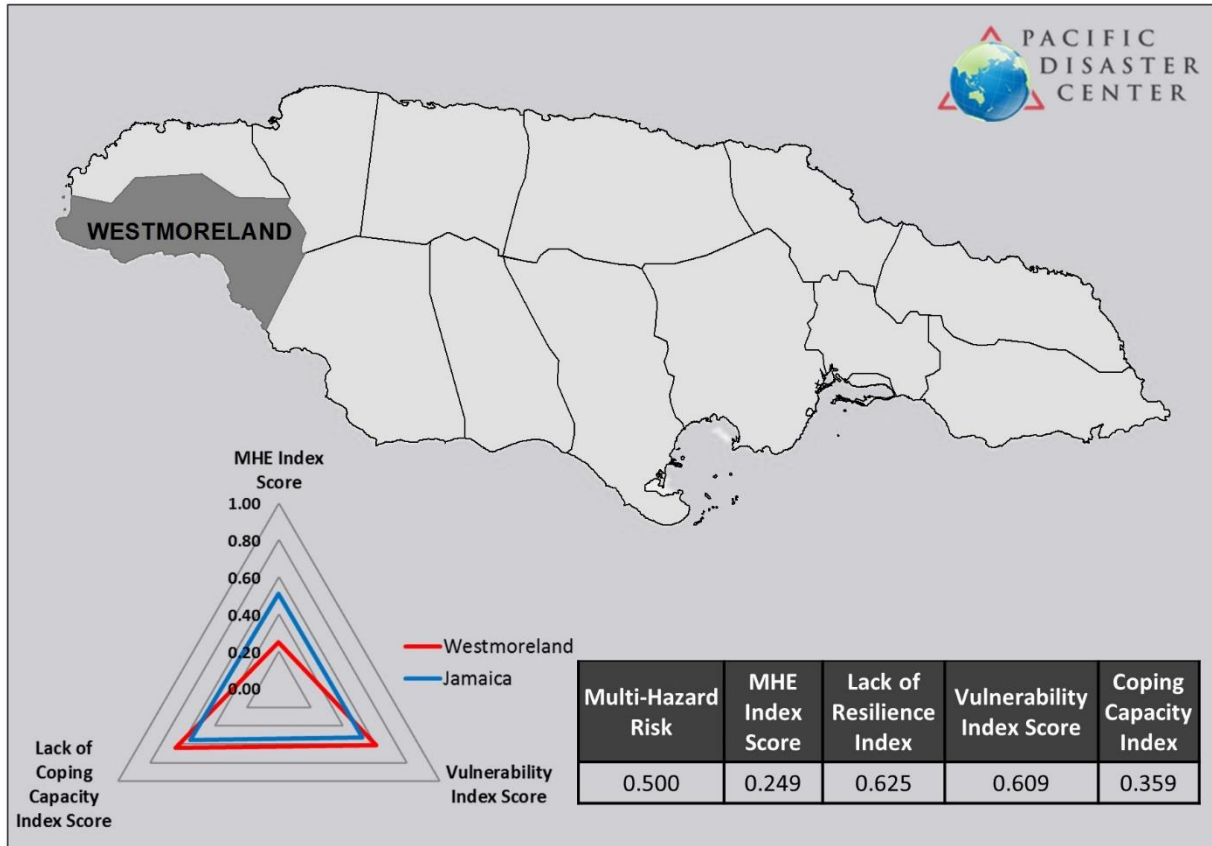


Figure 1. Risk scores for the parish of Westmoreland

Westmoreland: Lack of Resilience

Westmoreland ranks 3rd of 14 on the **Lack of Resilience Index** with a score of **0.625** (refer to Table 1). Westmoreland’s score and ranking are due to the Parish’s high Vulnerability combined with very low Coping Capacity. The Parish ranks 5th in Vulnerability and 13th in Coping Capacity.

The three thematic areas with the weakest relative scores for the Parish of Westmoreland are: **Governance, Clean Water Vulnerability, and Information Access Vulnerability**

Table 1. Lack of Resilience Index and Component scores for Westmoreland

Index	Westmoreland	
	Score	Rank
Lack of Resilience	0.625	3
Components		
Vulnerability	0.609	5
Coping Capacity	0.359	13

Westmoreland: Coping Capacity

Westmoreland’s Coping Capacity ranks 13th out of 14 with a score of **0.359**. The thematic areas with the weakest relative scores are **Governance, Environmental Capacity, and Infrastructure** (see Figure 2 and Table 2). These thematic areas appear to constrain Coping Capacity within this parish.

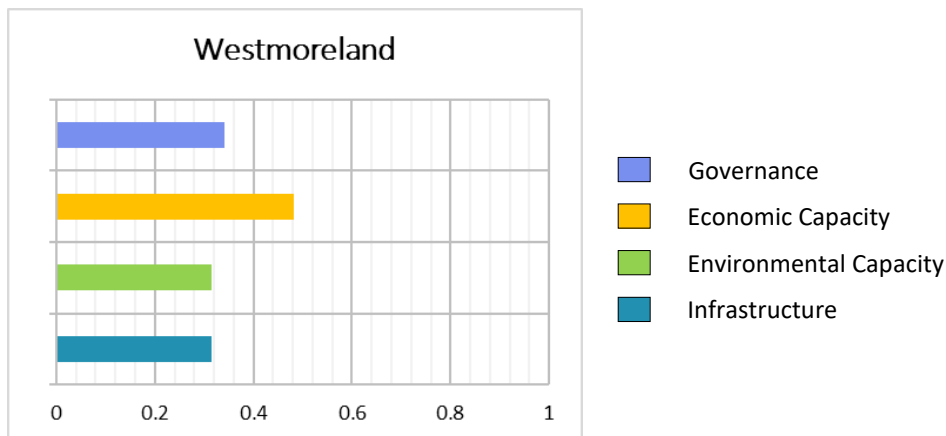


Figure 2. Coping Capacity subcomponents for Westmoreland

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

Index	Westmoreland	
	Score	Rank
Coping Capacity	0.359	13
Subcomponents		
Governance	0.341	12
Economic Capacity	0.481	4
Environmental Capacity	0.314	9
Infrastructure	0.315	13
Infrastructure Sub-indices		
Health Care	0.307	12
Transportation	0.380	7
Communications	0.258	13

Westmoreland: Vulnerability

Westmoreland ranks **5th** out of **14** on the Vulnerability Index with a score of **0.609**. Vulnerability in Westmoreland is strongly influenced by **Clean Water Vulnerability, Information Access Vulnerability, Gender Inequality, and Economic Constraints** subcomponent scores. Refer to Table 3 and Figure 3.

Table 3. Vulnerability Index and subcomponent index scores for Westmoreland

Index	Westmoreland	
	Score	Rank
Vulnerability	0.609	5
Subcomponents		
Economic Constraints	0.645	3
Info Access Vulnerability	0.759	3
Vulnerable Health Status	0.440	9
Clean Water Vulnerability	0.789	4
Environmental Stress	0.531	6
Recent Disaster Impacts	0.479	8
Gender Inequality	0.619	2

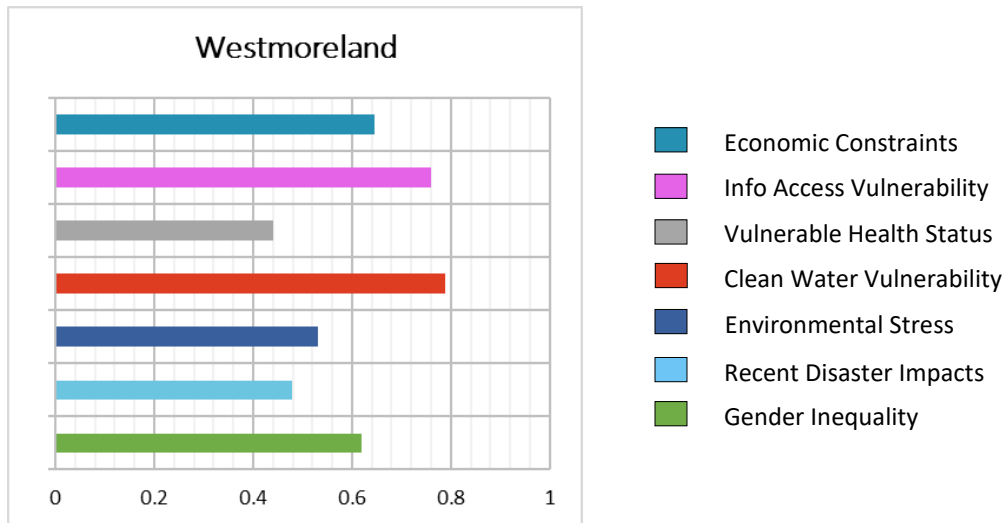


Figure 3. Vulnerability subcomponents for Westmoreland

Westmoreland: Multi-Hazard Exposure

Westmoreland ranks **12th** out of **14** on the Multi-Hazard Exposure index with a score of **0.249** (see Table 4). Despite this low rank, a significant proportion of the population is exposed to **tropical cyclones, landslides, and coastal flood** (see Figure 4 and Figure 5). A slightly smaller proportion of Westmoreland's population is also exposed to inland flood.

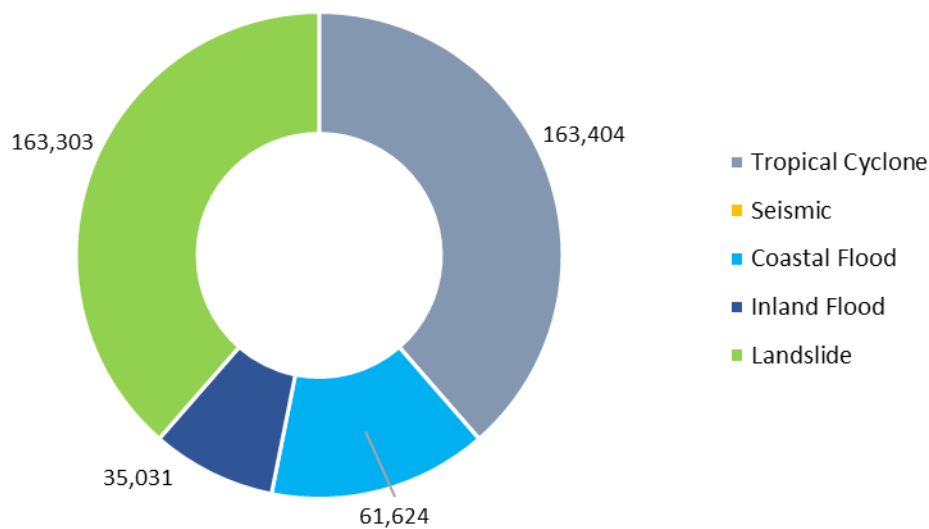


Figure 4. Raw population exposure by hazard type for Westmoreland

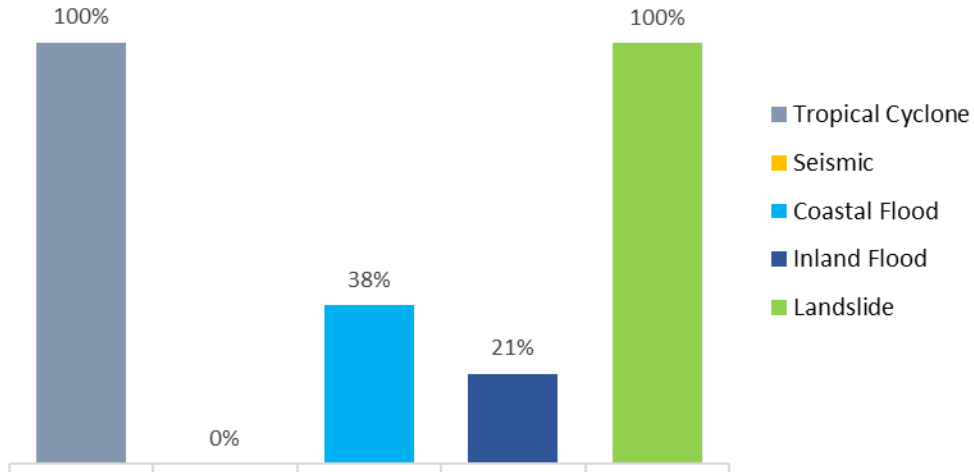


Figure 5. Percent population exposure to hazard type for Westmoreland

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

Index	Westmoreland	
	Score	Rank
Multi-Hazard Exposure	0.249	12
Subcomponents		
Raw Exposure	0.306	9
Relative Exposure	0.193	13