



JAMAICA

NATIONAL DISASTER PREPAREDNESS BASELINE ASSESSMENT
PARISH PROFILE - CLARENDON

Clarendon: Risk

Clarendon ranks **1st** of **14** on the Multi-Hazard Risk Index with a score of **0.665**. Clarendon's score and ranking are due to very high Multi-Hazard Exposure combined with moderate Coping Capacity and very high Vulnerability scores (see Figure 1). Clarendon has the **2nd** highest Multi-Hazard Exposure in the country, the highest Vulnerability (Ranked 1 of 14), and the **7th** highest Coping Capacity.

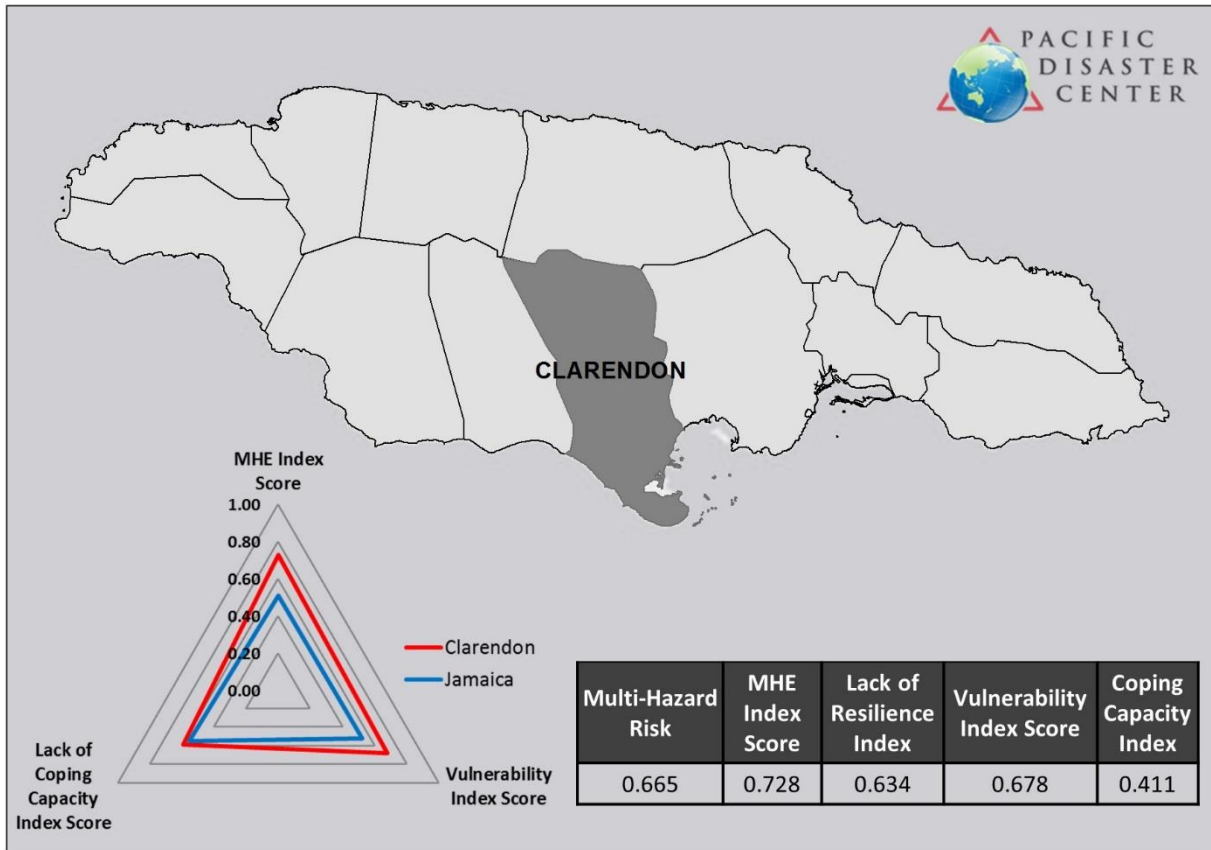


Figure 1. Risk scores for the parish of Clarendon

Clarendon: Lack of Resilience

Clarendon ranks **1st** of **14** on the Lack of Resilience Index with a score of **0.634** (refer to Table 1). Clarendon's score and ranking are due to very high Vulnerability combined with moderate Coping Capacity scores. Clarendon has the highest Vulnerability and the 7th highest Coping Capacity.

The three thematic areas with the weakest relative scores for the Parish of Clarendon are: **Clean Water Vulnerability, Environmental Stress, and Economic Capacity.**

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

Index	Clarendon	
	Score	Rank
Lack of Resilience	0.634	1
Components		
Vulnerability	0.678	1
Coping Capacity	0.411	7

Clarendon: Coping Capacity

Clarendon's coping capacity ranks **7th** out of **14** with a score of **0.411** (see Table 2). The thematic areas with the weakest relative scores are **Economic Capacity, Governance** and **Infrastructure (Communications)** (refer also to Figure 2). These thematic areas appear to constrain coping capacity within this parish.

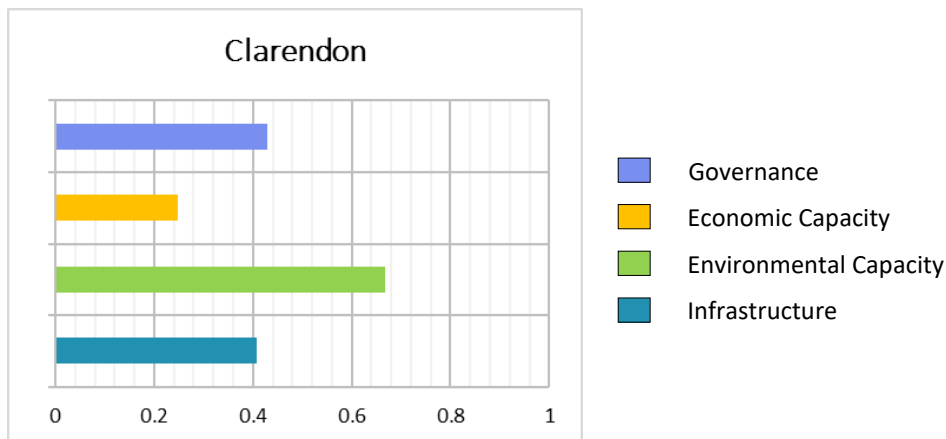


Figure 2. Coping Capacity subcomponents for Clarendon

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

Index	Clarendon	
	Score	Rank
Coping Capacity	0.411	7
Subcomponents		
Governance	0.429	10
Economic Capacity	0.249	9
Environmental Capacity	0.667	3
Infrastructure	0.408	7
Infrastructure Sub-indices		
Health Care	0.401	8
Transportation	0.457	5
Communications	0.367	11

Clarendon: Vulnerability

Clarendon ranks **1st** out of **14** on the Vulnerability Index with a score of **0.678**. Vulnerability in Clarendon is strongly influenced by **Clean Water Vulnerability, Environmental Stress, Information Access Vulnerability, Vulnerable Health Status, Economic Constraints, and Gender Inequality** subcomponent scores (see Table 3 and Figure 3).

Table 3. Vulnerability Index and subcomponent index scores for Clarendon

Index	Clarendon	
	Score	Rank
Vulnerability	0.678	1
Subcomponents		
Economic Constraints	0.689	2
Info Access Vulnerability	0.719	6
Vulnerable Health Status	0.674	1
Clean Water Vulnerability	0.881	2
Environmental Stress	0.737	1
Recent Disaster Impacts	0.439	9
Gender Inequality	0.607	3

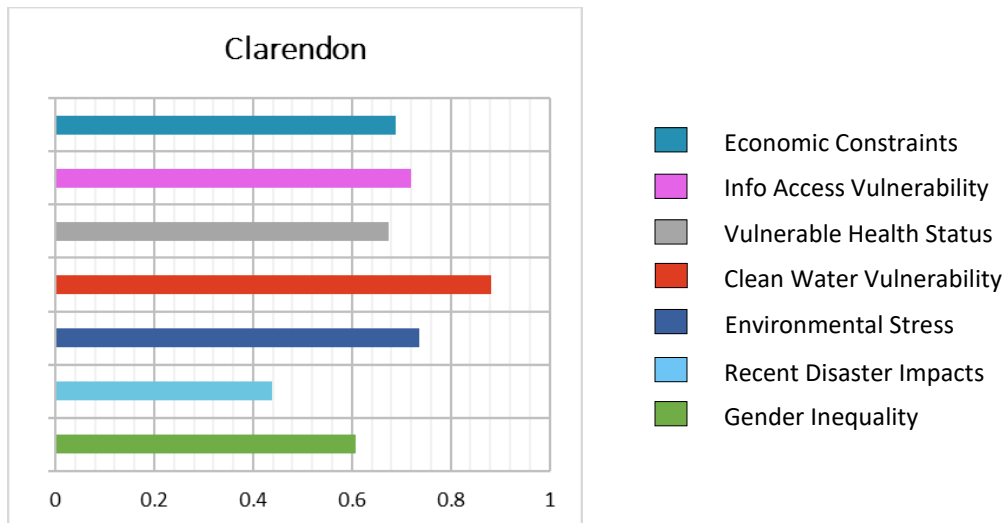


Figure 3. Vulnerability subcomponents for Clarendon

Clarendon: Multi-Hazard Exposure

Clarendon ranks **2nd** out of **14** on the Multi-Hazard Exposure index with a score of **0.728** (see Table 4). A large proportion of the population is exposed to **seismic activity, tropical cyclone, landslides, and inland flood**. While Clarendon is also exposed to coastal flood, this hazard affects a smaller proportion of the population (refer to Figure 4 and Figure 5).

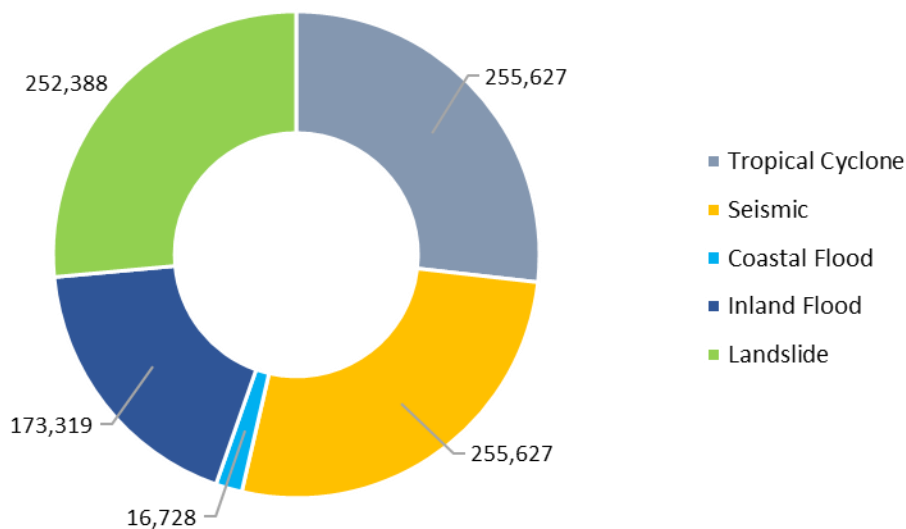


Figure 4. Raw population exposure by hazard type for Clarendon

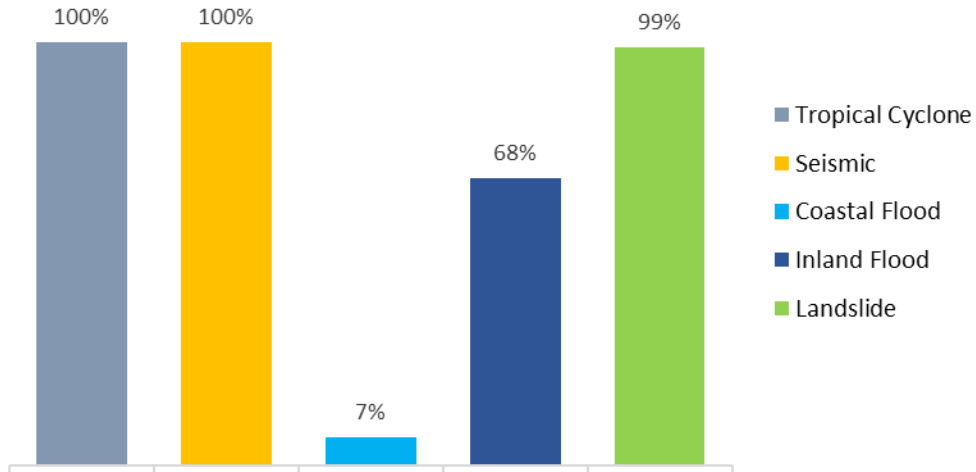


Figure 5. Percent population exposure to hazard type for Clarendon

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

Index	Clarendon	
	Score	Rank
Multi-Hazard Exposure	0. 728	2
Subcomponents		
Raw Exposure	0. 639	3
Relative Exposure	0. 817	5