



ST. LUCIA

CHOISEUL

NDPBA SUBNATIONAL PROFILE

ST. LUCIA CHOISEUL

Area: 31.31 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- High

Score: 0.449 • Rank: 4/10



RESILIENCE (R)

- Very Low

Score: 0.389 • Rank: 9/10



MULTI-HAZARD EXPOSURE (MHE)

- Low

Score: 0.125 • Rank: 7/10



VULNERABILITY (V)

- High

Score: 0.595 • Rank: 4/10



COPING CAPACITY (CC)

- Very Low

Score: 0.373 • Rank: 9/10



Population (2010 Census)

6,398



Net Primary Enrollment

45.7%



Prevalence of Chronic Illness (per 100 persons)

28.7



Poverty Rate

16.9%



Population with No

Internet Access

67.2%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.125



MHE
0.125

Raw MHE
0.045

Relative MHE
0.205

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

1%

38

Buildings Exposed: **3%**
Critical Infrastructure Exposed: **14%**



Hurricane Winds

100%

4,920

Buildings Exposed: **100%**
Critical Infrastructure Exposed: **100%**



Earthquake

100%

4,920

Buildings Exposed: **100%**
Critical Infrastructure Exposed: **100%**



Landslide

11%

547

Buildings Exposed: **11%**
Critical Infrastructure Exposed: **25%**



Extreme Heat

0%

0

Buildings Exposed: **0%**
Critical Infrastructure Exposed: **0%**



Sea Level Rise

1%

36

Buildings Exposed: **2%**
Critical Infrastructure Exposed: **14%**



Flash Flood

18%

902

Buildings Exposed: **6%**
Critical Infrastructure Exposed: **31%**



Tsunami

1%

59

Buildings Exposed: **3%**
Critical Infrastructure Exposed: **39%**

NOTE: Population exposure values for Saint Lucia are estimated using PDC's AIM model. Values may differ from Census population.



MULTI-HAZARD EXPOSURE (MHE)

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.125

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

4,920

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

100%

4,920

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Wildfire

3%

155

Buildings Exposed: **5%**

Critical Infrastructure Exposed: **1%**



VULNERABILITY (V)

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.595

Vulnerability in Choiseul is primarily driven by Information Access Vulnerability and Household Composition and Vulnerable Health. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.726** **RANK: 3/10 DISTRICTS ASSESSED**

45.7%
Net Primary
Enrollment

40.3%
Highest
Education
Level Primary
School

17.2%
Households
with Desktop
Computer

80.0%
Households
with TV

67.2%
Population
with No
Internet
Access



Economic Constraints

0  1 **SCORE: 0.533** **RANK: 6/10 DISTRICTS ASSESSED**

60.1
Economic
Dependency
Ratio

26.5%
Unemployment
Rate

16.9%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.627** **RANK: 2/10 DISTRICTS ASSESSED**

31.14
Adolescent
Birth Rate

0.05
Female to
Male Literacy

0.44
Female
to Male
Secondary
Enrollment

0.13
Female to
Male Labor
Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.552** **RANK: 2/10 DISTRICTS ASSESSED**

69.0%
Housing Built
Prior to 2000

74.0%
Households
without a
Private Vehicle

0.9%
Household
Occupancy
Squatting



VULNERABILITY (V)

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.595



Household Composition and Vulnerable Health

0  1 SCORE: 0.680 RANK: 1/10 DISTRICTS ASSESSED

15.6

Infant Mortality Rate (per 1,000 live births)

28.7

Prevalence of Chronic Illness (per 100 persons)

28.7

Prevalence of Disability (per 100 persons)

13.0%

Population Age 65 and Over

23.7%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.452 RANK: 5/10 DISTRICTS ASSESSED

66%

Households with Piped Drinking Water

61%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.373

Choiseul exhibits weaker Island Capacity in the areas of Communications Capacity and Emergency Services Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.453** **RANK: 6/10 DISTRICTS ASSESSED**

4.2% Persons Receiving Remittances	8.0% Households with Home Insurance	70.7% Labor Force Participation Rate
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Environmental Capacity

0  1 **SCORE: 0.116** **RANK: 10/10 DISTRICTS ASSESSED**

0.1% Croplands	-9.5 Net Carbon Flux	36.0% Protected Terrestrial Area	38.8% Protected Coastlines
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Infrastructure Capacity

0  1 **SCORE: 0.474** **RANK: 8/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.359** **RANK: 6/10 DISTRICTS ASSESSED**

34.9% Households with Fixed Phone Access	74.2% Households with Mobile Phone Access
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Emergency Services Capacity

0  1 **SCORE: 0.451** **RANK: 9/10 DISTRICTS ASSESSED**

0.8 Average Distance to Shelter (km)	1.1 Average Distance to Hospital or Clinic (km)	7.7 Average Distance to Fire Station (km)	2.5 Average Distance to Police Station (km)
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Energy Capacity

0  1 **SCORE: 0.512** **RANK: 9/10 DISTRICTS ASSESSED**

90.8% Households with Electricity	78.3% Households Using Gas for Cooking
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Health Care Capacity

0  1 **SCORE: 0.574** **RANK: 3/10 DISTRICTS ASSESSED**

49.5% Persons with Health Insurance Coverage	0.8 Hospitals and Clinics per 1,000 Persons
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LOGISTICS CAPACITY (LC)

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.469

Choiseul exhibits weaker Logistics Capacity in the areas of Warehouse Access and Maritime Logistics. The bar charts indicate the socioeconomic themes contributing to the overall Logistics Capacity score.



Maritime Logistics

0  1 **SCORE: 0.319** **RANK: 7/10 DISTRICTS ASSESSED**

2.2

Average Distance to Seaport (km)

83.9

Distance to External Medium or Large Seaport (km)

0.15

Port Density (ports per km of coastline)



Air Support

0  1 **SCORE: 0.336** **RANK: 7/10 DISTRICTS ASSESSED**

67.8

Distance to External C130 Airport (km)

9.4

Average Distance to Airport or Heliport (km)



Transportation Capacity

0  1 **SCORE: 0.506** **RANK: 6/10 DISTRICTS ASSESSED**

0.2

Gas Stations per 1,000 Persons

2.9

Road Density (km of roads per sq km)



Warehouse Access

0  1 **SCORE: 0.144** **RANK: 10/10 DISTRICTS ASSESSED**

26.8

Average Distance to Warehouse (km)

168.6

Distance to CDEMA Sub-Regional Focal Point (km)



COPING CAPACITY (CC)

Coping Capacity measures the systems, means, and abilities of people and societies to absorb and respond to disruptions in normal function. Coping Capacity of St. Lucia was calculated by using a combination of Island Capacity and Logistics Capacity.

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.373



RESILIENCE (R)

Resilience in St. Lucia was calculated by using a combination of Vulnerability and Coping Capacity (including both Island Capacity and Logistics Capacity).

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.389

KEY FACTORS INFLUENCING RESILIENCE

Choiseul's score and ranking are due to High Vulnerability combined with Very Low Coping Capacity scores.

Below are the four thematic areas with the weakest relative scores:



Information Access Vulnerability

Limitations in information access can impede a population's ability to receive, understand, and take action. Emergency messages must take into account the unique information access constraints of the region. Emergency messages presented to the population must contain clear and simple information to ensure an appropriate response to save lives and reduce losses.



Household Composition and Vulnerable Health

Households with dependent populations, such as the very young, elderly, or the disabled may have more difficulty with mobilizing and evacuating in a timely fashion and therefore become even more susceptible to harm during times of disaster. Further, those with a compromised health status such as chronic illness will have a greatly reduced ability to manage short- and long-term disaster outcomes. Once evacuated, these populations will require additional services and care considerations in the response aftermath and during recovery. Plans and strategies must consider the special accommodations for these populations during response and recovery, including evacuation and sheltering.



Warehouse Access

Efficient storage, movement and delivery of resources are key to effective humanitarian assistance and disaster relief operations. Access to both local and regional supply chains can significantly improve the speed and quality of response operations, reducing the negative social and economic impacts of an emergency.

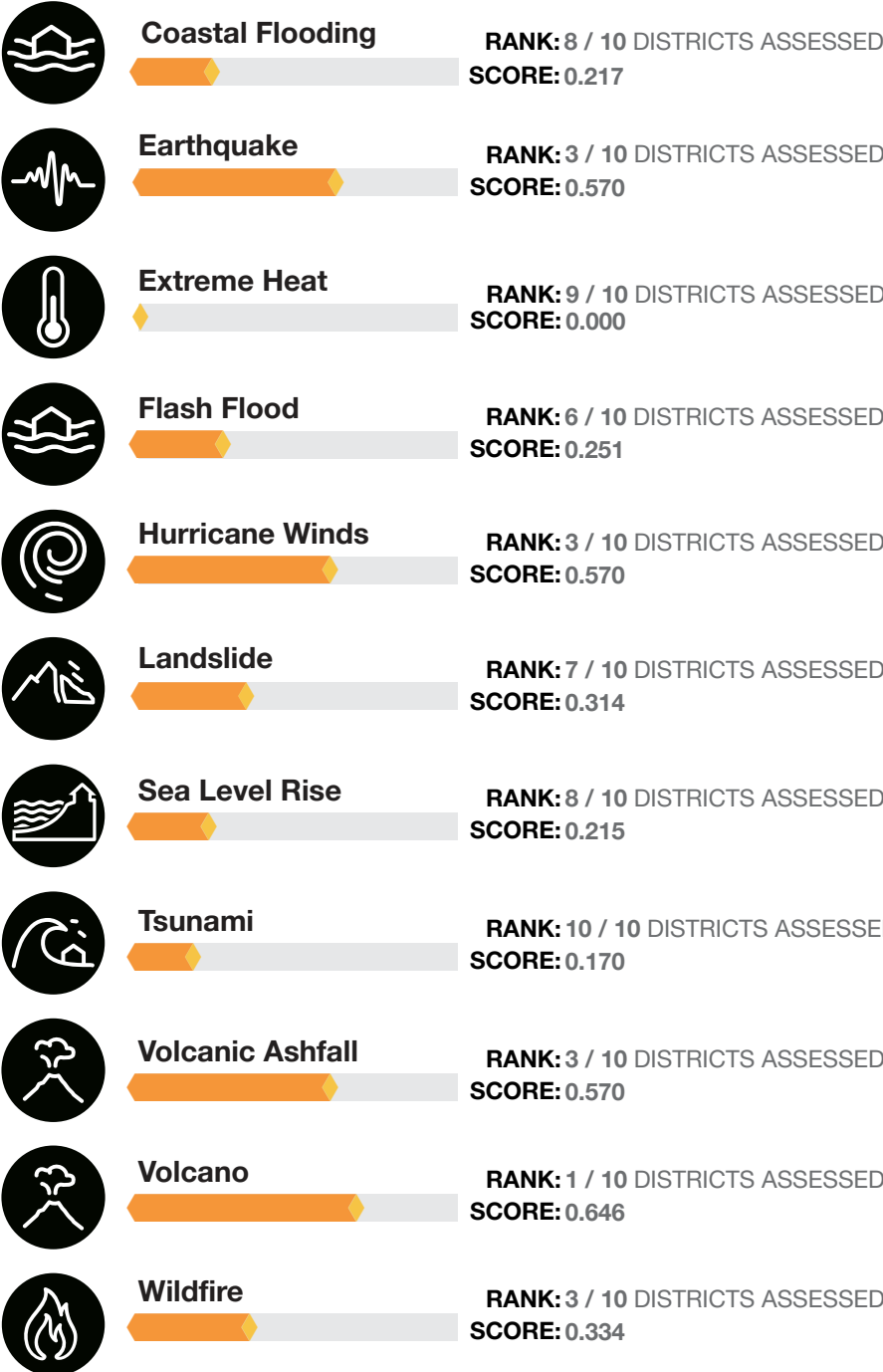


Maritime Logistics

Diverse maritime transport options, within and outside the country, offer crucial support for humanitarian efforts and the transit and delivery of disaster relief supplies. Protecting and maintaining port infrastructure and equipment can help safeguard these key assets and sustain functional operations during a disaster.



HAZARD-SPECIFIC RISK (HSR)





MULTI-HAZARD RISK (MHR)

4 / 10

RANK AMONG DISTRICTS
Score: 0.449



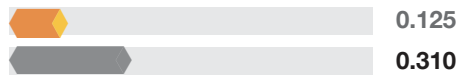
Choiseul's score and ranking are due to Low Multi-Hazard Exposure combined with High Vulnerability and Very Low Coping Capacity scores.

Multi-Hazard Risk component scores compared to overall average country scores:

DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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