



ST. LUCIA

GROS ISLET

NDPBA SUBNATIONAL PROFILE

ST. LUCIA GROS ISLET

Area: 101.50 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very Low
Score: 0.293 • Rank: 10/10



RESILIENCE (R)

- Very High
Score: 0.845 • Rank: 1/10



MULTI-HAZARD EXPOSURE (MHE)

- Very High
Score: 0.569 • Rank: 2/10



VULNERABILITY (V)

- Very Low
Score: 0.069 • Rank: 10/10



COPING CAPACITY (CC)

- Very High
Score: 0.760 • Rank: 1/10



Population (2010 Census)
27,061



Net Primary Enrollment
64.4%



Prevalence of Chronic
Illness (per 100 persons)
23.8



Poverty Rate
11.8%



Population with No
Internet Access
37.0%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.569



MHE
0.569

Raw MHE
0.542

Relative MHE
0.595

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

3%

👤 857

Buildings Exposed: **5%**

Critical Infrastructure Exposed: **12%**



Hurricane Winds

100%

👤 26,400

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 26,400

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

11%

👤 2,920

Buildings Exposed: **16%**

Critical Infrastructure Exposed: **7%**



Extreme Heat

98%

👤 26,000

Buildings Exposed: **97%**

Critical Infrastructure Exposed: **98%**



Sea Level Rise

3%

👤 741

Buildings Exposed: **4%**

Critical Infrastructure Exposed: **11%**



Flash Flood

89%

👤 23,500

Buildings Exposed: **83%**

Critical Infrastructure Exposed: **85%**



Tsunami

17%

👤 4,390

Buildings Exposed: **17%**

Critical Infrastructure Exposed: **48%**

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: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.569

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

26,400

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

<1%

54

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.069

Vulnerability in Gros Islet is primarily driven by Gender Inequality and Clean Water Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.036** **RANK: 10/10 DISTRICTS ASSESSED**

64.4%
Net Primary Enrollment

28.2%
Highest Education Level Primary School

33.2%
Households with Desktop Computer

88.2%
Households with TV

37.0%
Population with No Internet Access



Economic Constraints

0 1 **SCORE: 0.000** **RANK: 10/10 DISTRICTS ASSESSED**

44.6
Economic Dependency Ratio

17.1%
Unemployment Rate

11.8%
Poverty Rate



Gender Inequality

0 1 **SCORE: 0.125** **RANK: 10/10 DISTRICTS ASSESSED**

21.20
Adolescent Birth Rate

0.02
Female to Male Literacy

0.01
Female to Male Secondary Enrollment

0.17
Female to Male Labor Ratio



Housing and Transportation Vulnerability

0 1 **SCORE: 0.047** **RANK: 10/10 DISTRICTS ASSESSED**

49.1%
Housing Built Prior to 2000

50.9%
Households without a Private Vehicle

1.2%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.069



Household Composition and Vulnerable Health

0  1 SCORE: 0.086 RANK: 10/10 DISTRICTS ASSESSED

0.0

Infant Mortality Rate (per 1,000 live births)

23.8

Prevalence of Chronic Illness (per 100 persons)

11.5

Prevalence of Disability (per 100 persons)

8.1%

Population Age 65 and Over

22.0%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.123 RANK: 9/10 DISTRICTS ASSESSED

70%

Households with Piped Drinking Water

81%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.760

Gros Islet exhibits weaker Island Capacity in the areas of Emergency Services Capacity and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.971** **RANK: 1/10 DISTRICTS ASSESSED**

4.8% Persons Receiving Remittances	36.0% Households with Home Insurance	77.6% Labor Force Participation Rate
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Environmental Capacity

0  1 **SCORE: 0.504** **RANK: 4/10 DISTRICTS ASSESSED**

0.3% Croplands	-32.8 Net Carbon Flux	45.6% Protected Terrestrial Area	76.0% Protected Coastlines
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Infrastructure Capacity

0  1 **SCORE: 0.822** **RANK: 1/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 1.000** **RANK: 1/10 DISTRICTS ASSESSED**

51.8% Households with Fixed Phone Access	88.7% Households with Mobile Phone Access
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Emergency Services Capacity

0  1 **SCORE: 0.583** **RANK: 6/10 DISTRICTS ASSESSED**

0.9 Average Distance to Shelter (km)	1.2 Average Distance to Hospital or Clinic (km)	2.4 Average Distance to Fire Station (km)	2.3 Average Distance to Police Station (km)
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Energy Capacity

0  1 **SCORE: 1.000** **RANK: 1/10 DISTRICTS ASSESSED**

95.9% Households with Electricity	92.9% Households Using Gas for Cooking
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Health Care Capacity

0  1 **SCORE: 0.706** **RANK: 1/10 DISTRICTS ASSESSED**

77.2% Persons with Health Insurance Coverage	0.4 Hospitals and Clinics per 1,000 Persons
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LOGISTICS CAPACITY (LC)

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.351

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



Maritime Logistics

0  1 **SCORE: 0.602** **RANK: 3/10 DISTRICTS ASSESSED**

2.5 Average Distance to Seaport (km)	55.7 Distance to External Medium or Large Seaport (km)	0.13 Port Density (ports per km of coastline)
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Air Support

0  1 **SCORE: 0.810** **RANK: 1/10 DISTRICTS ASSESSED**

53.6 Distance to External C130 Airport (km)	7.2 Average Distance to Airport or Heliport (km)
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Transportation Capacity

0  1 **SCORE: 0.694** **RANK: 3/10 DISTRICTS ASSESSED**

0.3 Gas Stations per 1,000 Persons	3.7 Road Density (km of roads per sq km)
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Warehouse Access

0  1 **SCORE: 0.652** **RANK: 2/10 DISTRICTS ASSESSED**

5.5 Average Distance to Warehouse (km)	165.4 Distance to CDEMA Sub-Regional Focal Point (km)
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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: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.760



RESILIENCE (R)

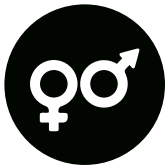
Resilience in St. Lucia was calculated by using a combination of Vulnerability and Coping Capacity (including both Island Capacity and Logistics Capacity).

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.845

KEY FACTORS INFLUENCING RESILIENCE

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

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



Gender Inequality

Marginalized populations are less likely to have their needs met under pre-disaster conditions, and therefore become even more susceptible to harm during times of disaster. Increase gender-based inclusion in all phases of DM, ensuring the implementation at subnational and local levels. Courses of action must recognize the role of women in society and support changes to policies and programs to promote gender-equal access.



Clean Water Access Vulnerability

Those without easy or adequate access to water distribution and containment systems face significant demands on daily routines that effectively limit their response and recovery capacity and the ability to maintain livelihoods. Increasing access to improved water and sanitation improves health outcomes and frees up resources to decrease further susceptibility to impacts.



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.

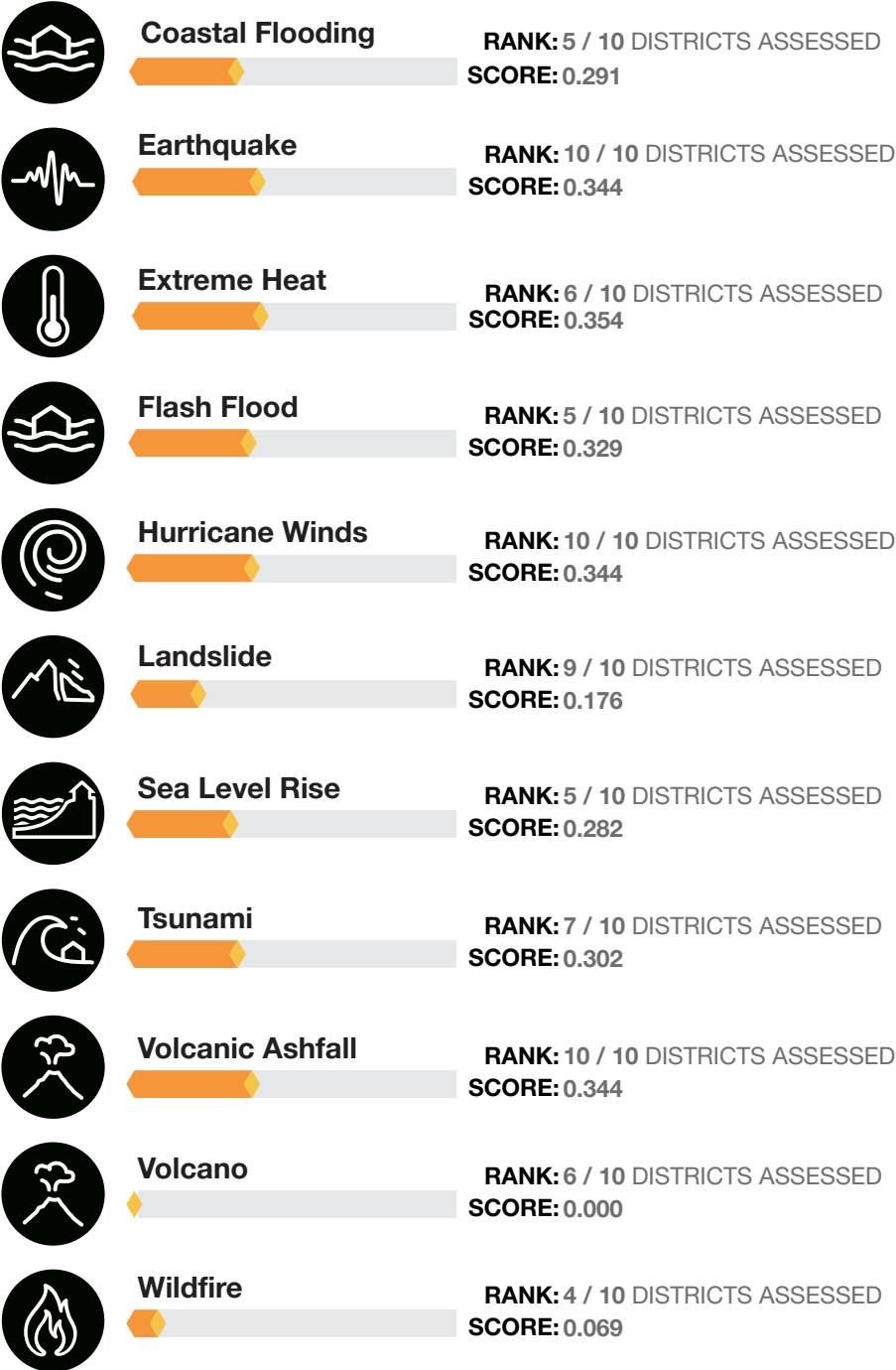


Warehouse Access

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.



HAZARD-SPECIFIC RISK (HSR)

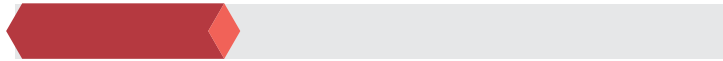




MULTI-HAZARD RISK (MHR)

10 / 10

RANK AMONG DISTRICTS
Score: 0.293



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

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

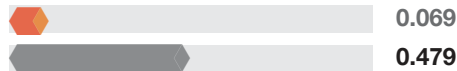
DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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