



NDPBA

SAINT LUCIA DISTRICT RISK PROFILES

SUBNATIONAL ASSESSMENT RESULTS



ST. LUCIA

ANSE LA RAYE

NDPBA SUBNATIONAL PROFILE

ST. LUCIA ANSE LA RAYE

Area: 32.14 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very High

Score: 0.519 • Rank: 2/10



RESILIENCE (R)

- Low

Score: 0.401 • Rank: 7/10



MULTI-HAZARD EXPOSURE (MHE)

- High

Score: 0.360 • Rank: 4/10



VULNERABILITY (V)

- High

Score: 0.600 • Rank: 3/10



COPING CAPACITY (CC)

- Low

Score: 0.403 • Rank: 8/10



Population (2010 Census)

6,632



Net Primary Enrollment

54.9%



Prevalence of Chronic Illness (per 100 persons)

20.0



Poverty Rate

38.0%



Population with No Internet Access

64.6%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.360



MHE
0.360

Raw MHE
0.048

Relative MHE
0.671

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

4%

191

Buildings Exposed: **8%**
Critical Infrastructure Exposed: **27%**



Hurricane Winds

100%

5,400

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



Earthquake

100%

5,400

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



Landslide

29%

1,540

Buildings Exposed: **22%**
Critical Infrastructure Exposed: **24%**



Extreme Heat

72%

3,890

Buildings Exposed: **85%**
Critical Infrastructure Exposed: **67%**



Sea Level Rise

4%

189

Buildings Exposed: **8%**
Critical Infrastructure Exposed: **27%**



Flash Flood

87%

4,710

Buildings Exposed: **95%**
Critical Infrastructure Exposed: **85%**



Tsunami

17%

926

Buildings Exposed: **43%**
Critical Infrastructure Exposed: **54%**

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: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.360

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

5,400

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.600

Vulnerability in Anse La Raye is primarily driven by Economic Constraints and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.751** **RANK: 2/10 DISTRICTS ASSESSED**

54.9%
Net Primary Enrollment

56.8%
Highest Education Level Primary School

17.9%
Households with Desktop Computer

78.7%
Households with TV

64.6%
Population with No Internet Access



Economic Constraints

0  1 **SCORE: 0.793** **RANK: 1/10 DISTRICTS ASSESSED**

57.7
Economic Dependency Ratio

32.8%
Unemployment Rate

38.0%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.613** **RANK: 3/10 DISTRICTS ASSESSED**

46.43
Adolescent Birth Rate

0.04
Female to Male Literacy

0.01
Female to Male Secondary Enrollment

0.28
Female to Male Labor Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.438** **RANK: 6/10 DISTRICTS ASSESSED**

58.4%
Housing Built Prior to 2000

78.1%
Households without a Private Vehicle

1.0%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.600



Household Composition and Vulnerable Health

0  1 SCORE: 0.342 RANK: 8/10 DISTRICTS ASSESSED

0.0

Infant Mortality Rate (per 1,000 live births)

20.0

Prevalence of Chronic Illness (per 100 persons)

15.8

Prevalence of Disability (per 100 persons)

8.3%

Population Age 65 and Over

27.4%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.662 RANK: 3/10 DISTRICTS ASSESSED

64%

Households with Piped Drinking Water

48%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.403

Anse La Raye exhibits weaker Island Capacity in the areas of Communications Capacity and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.507** **RANK: 5/10 DISTRICTS ASSESSED**

4.5% Persons Receiving Remittances	10.3% Households with Home Insurance	71.9% Labor Force Participation Rate
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Environmental Capacity

0  1 **SCORE: 0.355** **RANK: 9/10 DISTRICTS ASSESSED**

0.1% Croplands	-12.8 Net Carbon Flux	26.6% Protected Terrestrial Area	100.0% Protected Coastlines
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Infrastructure Capacity

0  1 **SCORE: 0.432** **RANK: 9/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.200** **RANK: 9/10 DISTRICTS ASSESSED**

28.9% Households with Fixed Phone Access	72.6% Households with Mobile Phone Access
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Emergency Services Capacity

0  1 **SCORE: 0.510** **RANK: 8/10 DISTRICTS ASSESSED**

0.7 Average Distance to Shelter (km)	0.9 Average Distance to Hospital or Clinic (km)	9.2 Average Distance to Fire Station (km)	2.2 Average Distance to Police Station (km)
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Energy Capacity

0  1 **SCORE: 0.671** **RANK: 7/10 DISTRICTS ASSESSED**

90.2% Households with Electricity	87.2% Households Using Gas for Cooking
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Health Care Capacity

0  1 **SCORE: 0.346** **RANK: 6/10 DISTRICTS ASSESSED**

42.9% Persons with Health Insurance Coverage	0.6 Hospitals and Clinics per 1,000 Persons
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LOGISTICS CAPACITY (LC)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.638

Anse La Raye exhibits weaker Logistics Capacity in the areas of Transportation Capacity and Air Support. The bar charts indicate the socioeconomic themes contributing to the overall Logistics Capacity score.



Maritime Logistics

0  1 **SCORE: 0.509** **RANK: 5/10 DISTRICTS ASSESSED**

2.3

Average Distance to Seaport (km)

70.9

Distance to External Medium or Large Seaport (km)

0.20

Port Density (ports per km of coastline)



Air Support

0  1 **SCORE: 0.282** **RANK: 8/10 DISTRICTS ASSESSED**

69.8

Distance to External C130 Airport (km)

9.4

Average Distance to Airport or Heliport (km)



Transportation Capacity

0  1 **SCORE: 0.252** **RANK: 9/10 DISTRICTS ASSESSED**

0.2

Gas Stations per 1,000 Persons

1.5

Road Density (km of roads per sq km)



Warehouse Access

0  1 **SCORE: 0.393** **RANK: 6/10 DISTRICTS ASSESSED**

10.5

Average Distance to Warehouse (km)

170.2

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: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.403



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: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.401

KEY FACTORS INFLUENCING RESILIENCE

Anse La Raye's score and ranking are due to High Vulnerability combined with Low Coping Capacity scores.

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



Economic Constraints

Economic constraints have individual, household, community, and region-wide influence. Limitations on available financial resources reduce opportunities to invest in mitigation and preparedness measures and limit the ability to facilitate short- and long-term recovery.



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.



Transportation Capacity

Dense road networks and refueling locations facilitate the evacuation of populations during a disaster and increase the ability of response stakeholders to access affected populations. Improved transportation capacity supports the ability to distribute resources before, during, and after a disaster.

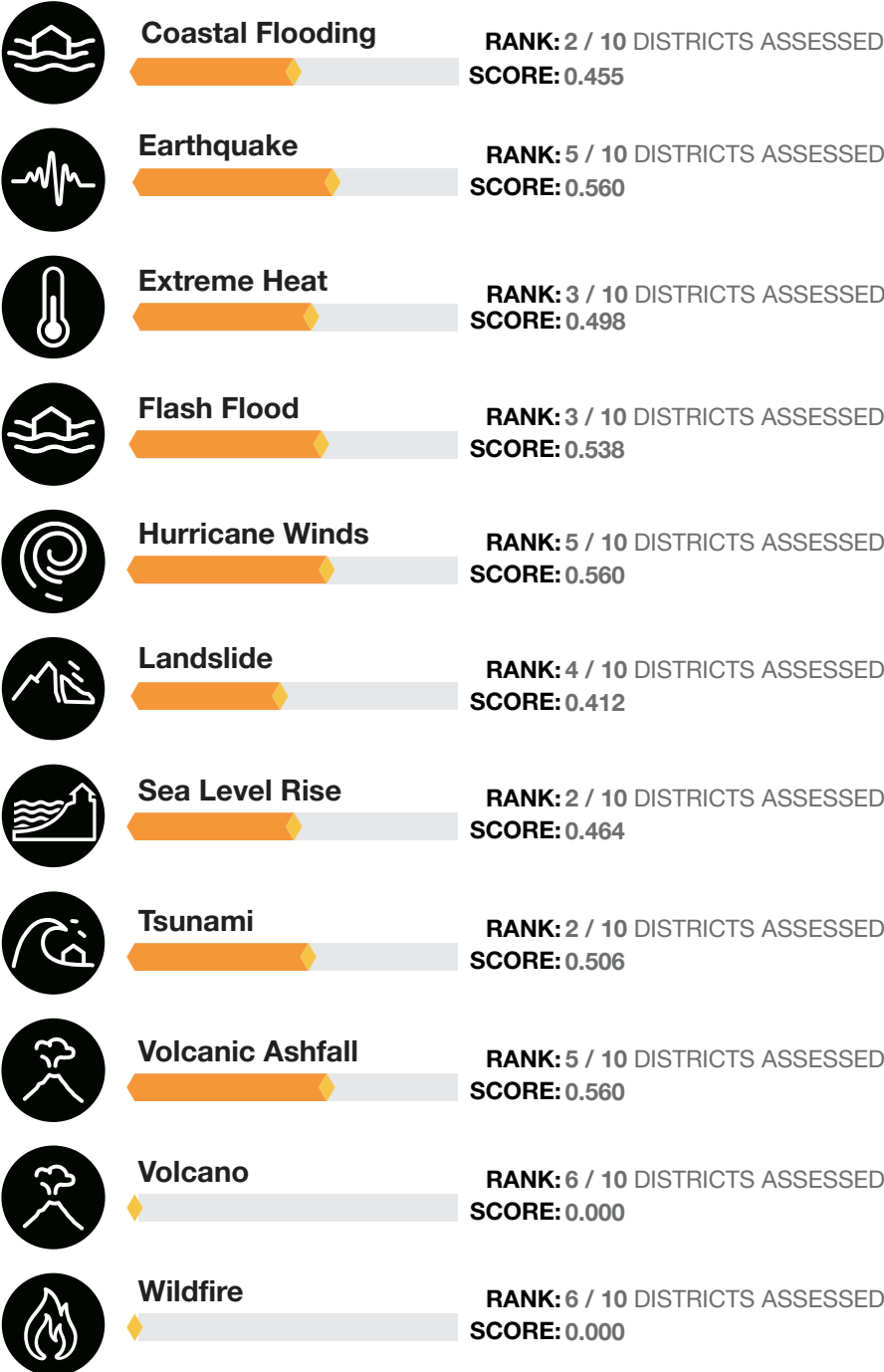


Air Support

Air transport is a key component of timely response operations, supporting search and rescue, damage assessment efforts, and the delivery of relief supplies. Increasing air support capacity to accommodate C130 aircraft strengthens the ability to quickly deliver and disseminate emergency relief supplies to where they are most needed.



HAZARD-SPECIFIC RISK (HSR)





MULTI-HAZARD RISK (MHR)

2 / 10

RANK AMONG DISTRICTS
Score: 0.519



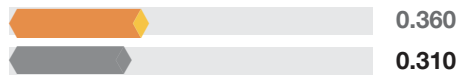
Anse La Raye's score and ranking are due to High Multi-Hazard Exposure combined with High Vulnerability and Low Coping Capacity scores.

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

 **DISTRICT SCORE**
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



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Fewer disasters.**

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ST. LUCIA

CANARIES

NDPBA SUBNATIONAL PROFILE

ST. LUCIA CANARIES

Area: 24.29 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very High
Score: 0.645 • Rank: 1/10



RESILIENCE (R)

- Very Low
Score: 0.282 • Rank: 10/10



MULTI-HAZARD EXPOSURE (MHE)

- High
Score: 0.500 • Rank: 3/10



VULNERABILITY (V)

- Very High
Score: 0.675 • Rank: 1/10



COPING CAPACITY (CC)

- Very Low
Score: 0.240 • Rank: 10/10



Population (2010 Census)
2,097



Net Primary Enrollment
54.4%



Prevalence of Chronic
Illness (per 100 persons)
24.6



Poverty Rate
38.0%

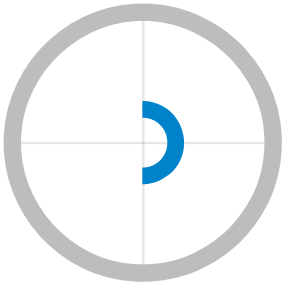


Population with No
Internet Access
66.8%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.500



MHE
0.500

Raw MHE
0.000

Relative MHE
1.000

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

11%

205

Buildings Exposed: **25%**
Critical Infrastructure Exposed: **17%**



Hurricane Winds

100%

1,830

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



Earthquake

100%

1,830

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



Landslide

42%

772

Buildings Exposed: **51%**
Critical Infrastructure Exposed: **33%**



Extreme Heat

21%

382

Buildings Exposed: **17%**
Critical Infrastructure Exposed: **0%**



Sea Level Rise

10%

191

Buildings Exposed: **24%**
Critical Infrastructure Exposed: **17%**



Flash Flood

100%

1,830

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



Tsunami

26%

483

Buildings Exposed: **37%**
Critical Infrastructure Exposed: **83%**

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: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.500

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

1,830

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

57%

1,050

Buildings Exposed: **73%**

Critical Infrastructure Exposed: **92%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.675

Vulnerability in Canaries is primarily driven by Clean Water Access Vulnerability and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.921** **RANK: 1/10 DISTRICTS ASSESSED**

54.4%
Net Primary Enrollment

56.8%
Highest Education Level Primary School

12.2%
Households with Desktop Computer

70.0%
Households with TV

66.8%
Population with No Internet Access



Economic Constraints

0  1 **SCORE: 0.713** **RANK: 3/10 DISTRICTS ASSESSED**

54.0
Economic Dependency Ratio

32.8%
Unemployment Rate

38.0%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.599** **RANK: 4/10 DISTRICTS ASSESSED**

44.44
Adolescent Birth Rate

0.04
Female to Male Literacy

0.01
Female to Male Secondary Enrollment

0.28
Female to Male Labor Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.341** **RANK: 8/10 DISTRICTS ASSESSED**

46.1%
Housing Built Prior to 2000

86.1%
Households without a Private Vehicle

1.8%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.675



Household Composition and Vulnerable Health

0  1 SCORE: 0.523 RANK: 2/10 DISTRICTS ASSESSED

0.0

Infant Mortality Rate (per 1,000 live births)

24.6

Prevalence of Chronic Illness (per 100 persons)

30.9

Prevalence of Disability (per 100 persons)

10.1%

Population Age 65 and Over

23.8%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.954 RANK: 2/10 DISTRICTS ASSESSED

51%

Households with Piped Drinking Water

44%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.240

Canaries exhibits weaker Island Capacity in the areas of Energy Capacity and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0 1 **SCORE: 0.133** **RANK: 10/10 DISTRICTS ASSESSED**

12.0% Persons Receiving Remittances	5.5% Households with Home Insurance	71.9% Labor Force Participation Rate
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Environmental Capacity

0 1 **SCORE: 0.385** **RANK: 7/10 DISTRICTS ASSESSED**

0.0% Croplands	-6.9 Net Carbon Flux	60.6% Protected Terrestrial Area	100.0% Protected Coastlines
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Infrastructure Capacity

0 1 **SCORE: 0.104** **RANK: 10/10 DISTRICTS ASSESSED**



Communications Capacity

0 1 **SCORE: 0.005** **RANK: 10/10 DISTRICTS ASSESSED**

29.2% Households with Fixed Phone Access	61.9% Households with Mobile Phone Access
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Emergency Services Capacity

0 1 **SCORE: 0.412** **RANK: 10/10 DISTRICTS ASSESSED**

0.9 Average Distance to Shelter (km)	4.2 Average Distance to Hospital or Clinic (km)	6.2 Average Distance to Fire Station (km)	0.9 Average Distance to Police Station (km)
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Energy Capacity

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

82.5% Households with Electricity	68.2% Households Using Gas for Cooking
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Health Care Capacity

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

39.5% Persons with Health Insurance Coverage	0.0 Hospitals and Clinics per 1,000 Persons
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LOGISTICS CAPACITY (LC)

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.485

Canaries exhibits weaker Logistics Capacity in the areas of Transportation Capacity 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**

0.9 Average Distance to Seaport (km)	73.6 Distance to External Medium or Large Seaport (km)	0.18 Port Density (ports per km of coastline)
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Air Support

0  1 **SCORE: 0.415** **RANK: 6/10 DISTRICTS ASSESSED**

72.8 Distance to External C130 Airport (km)	4.9 Average Distance to Airport or Heliport (km)
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Transportation Capacity

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

0.0 Gas Stations per 1,000 Persons	0.8 Road Density (km of roads per sq km)
--	--



Warehouse Access

0  1 **SCORE: 0.294** **RANK: 8/10 DISTRICTS ASSESSED**

14.7 Average Distance to Warehouse (km)	170.8 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: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.240



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: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.282

KEY FACTORS INFLUENCING RESILIENCE

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

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



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.



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.



Transportation Capacity

Dense road networks and refueling locations facilitate the evacuation of populations during a disaster and increase the ability of response stakeholders to access affected populations. Improved transportation capacity supports the ability to distribute resources before, during, and after a disaster.

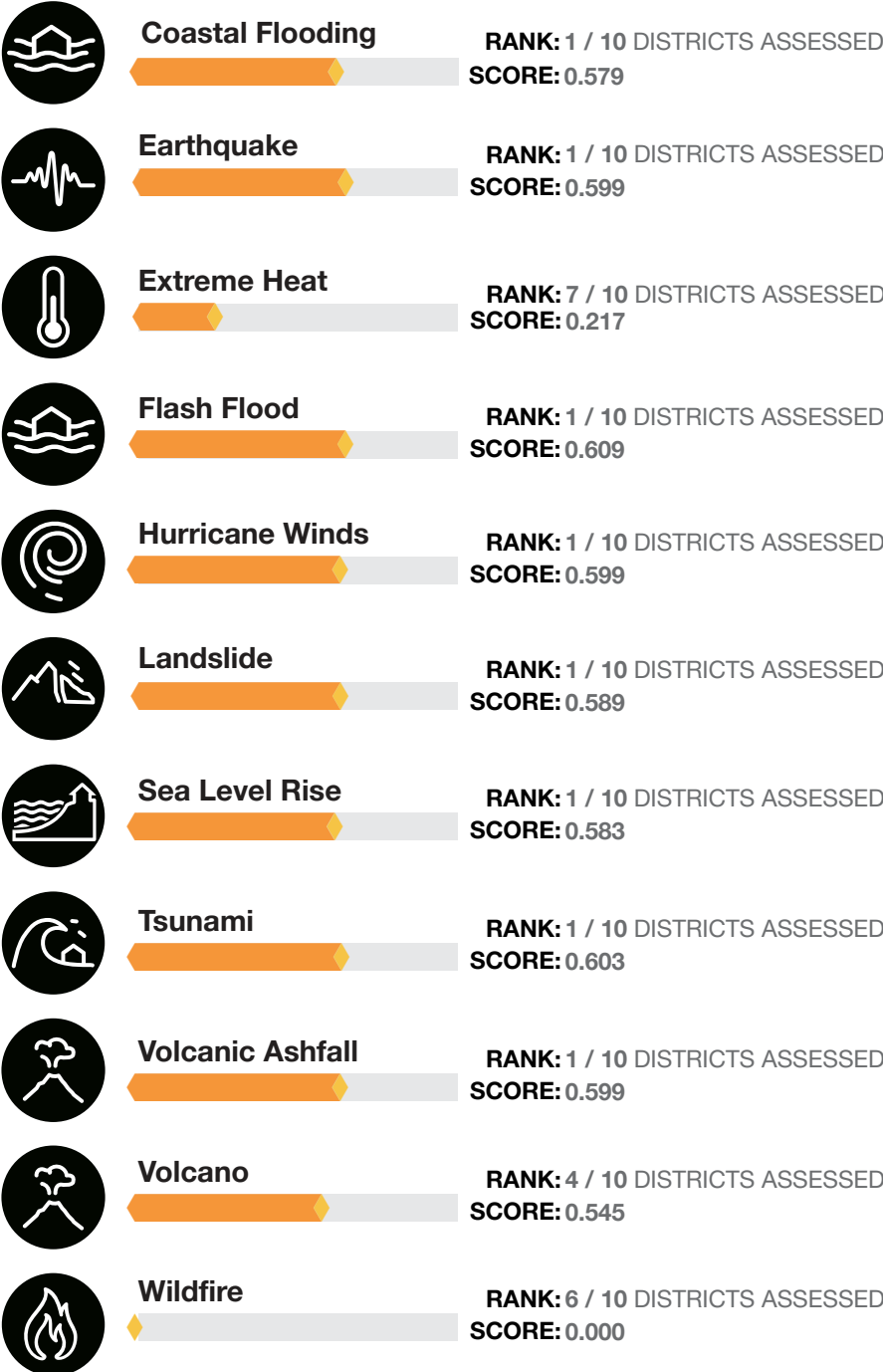


Warehouse Access

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)

1 / 10

RANK AMONG DISTRICTS
Score: 0.645



Canaries's score and ranking are due to High Multi-Hazard Exposure combined with Very 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



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ST. LUCIA

CASTRIES

NDPBA SUBNATIONAL PROFILE

ST. LUCIA CASTRIES

Area: 79.51 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- High

Score: 0.457 • Rank: 3/10



RESILIENCE (R)

- Very High

Score: 0.681 • Rank: 2/10



MULTI-HAZARD EXPOSURE (MHE)

- Very High

Score: 0.735 • Rank: 1/10



VULNERABILITY (V)

- Very Low

Score: 0.325 • Rank: 9/10



COPING CAPACITY (CC)

- Very High

Score: 0.687 • Rank: 2/10



Population (2010 Census)

67,478



Net Primary Enrollment

62.0%



Prevalence of Chronic
Illness (per 100 persons)

23.8



Poverty Rate

19.2%



Population with No
Internet Access

52.7%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.735



MHE
0.735

Raw MHE
0.935

Relative MHE
0.534

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

1%

868

Buildings Exposed: **1%**
Critical Infrastructure Exposed: **21%**



Hurricane Winds

100%

93,400

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



Earthquake

100%

93,400

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



Landslide

25%

23,400

Buildings Exposed: **32%**
Critical Infrastructure Exposed: **28%**



Extreme Heat

64%

59,700

Buildings Exposed: **70%**
Critical Infrastructure Exposed: **85%**



Sea Level Rise

1%

740

Buildings Exposed: **1%**
Critical Infrastructure Exposed: **21%**



Flash Flood

86%

79,900

Buildings Exposed: **86%**
Critical Infrastructure Exposed: **88%**



Tsunami

7%

6,290

Buildings Exposed: **12%**
Critical Infrastructure Exposed: **44%**

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: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.735

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

93,400

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.325

Vulnerability in Castries is primarily driven by Gender Inequality 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: 0.317** **RANK: 9/10 DISTRICTS ASSESSED**

62.0%
Net Primary
Enrollment

39.5%
Highest
Education
Level Primary
School

27.4%
Households
with Desktop
Computer

86.1%
Households
with TV

52.7%
Population
with No
Internet
Access



Economic Constraints

0  1 **SCORE: 0.172** **RANK: 9/10 DISTRICTS ASSESSED**

48.4
Economic
Dependency
Ratio

18.1%
Unemployment
Rate

19.2%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.658** **RANK: 1/10 DISTRICTS ASSESSED**

44.06
Adolescent
Birth Rate

0.05
Female to
Male Literacy

0.36
Female
to Male
Secondary
Enrollment

0.11
Female to
Male Labor
Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.339** **RANK: 9/10 DISTRICTS ASSESSED**

54.4%
Housing Built
Prior to 2000

70.3%
Households
without a
Private Vehicle

4.8%
Household
Occupancy
Squatting



VULNERABILITY (V)

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.325



Household Composition and Vulnerable Health

0  1 SCORE: 0.359 RANK: 7/10 DISTRICTS ASSESSED

25.1

Infant Mortality Rate (per 1,000 live births)

23.8

Prevalence of Chronic Illness (per 100 persons)

15.4

Prevalence of Disability (per 100 persons)

8.1%

Population Age 65 and Over

23.6%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.104 RANK: 10/10 DISTRICTS ASSESSED

77%

Households with Piped Drinking Water

73%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.687

Castries exhibits weaker Island Capacity in the areas of Health Care Capacity and Communications Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.795** **RANK: 2/10 DISTRICTS ASSESSED**

5.0% Persons Receiving Remittances	21.0% Households with Home Insurance	77.4% Labor Force Participation Rate
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Environmental Capacity

0  1 **SCORE: 0.412** **RANK: 6/10 DISTRICTS ASSESSED**

1.3% Croplands	-27.7 Net Carbon Flux	17.6% Protected Terrestrial Area	36.2% Protected Coastlines
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Infrastructure Capacity

0  1 **SCORE: 0.730** **RANK: 2/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.649** **RANK: 3/10 DISTRICTS ASSESSED**

39.6% Households with Fixed Phone Access	84.0% Households with Mobile Phone Access
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Emergency Services Capacity

0  1 **SCORE: 0.860** **RANK: 2/10 DISTRICTS ASSESSED**

0.5 Average Distance to Shelter (km)	0.9 Average Distance to Hospital or Clinic (km)	2.8 Average Distance to Fire Station (km)	1.9 Average Distance to Police Station (km)
--	---	---	---



Energy Capacity

0  1 **SCORE: 0.918** **RANK: 2/10 DISTRICTS ASSESSED**

94.0% Households with Electricity	92.3% Households Using Gas for Cooking
---	--



Health Care Capacity

0  1 **SCORE: 0.493** **RANK: 4/10 DISTRICTS ASSESSED**

64.4% Persons with Health Insurance Coverage	0.3 Hospitals and Clinics per 1,000 Persons
--	---



LOGISTICS CAPACITY (LC)

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.319

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



Maritime Logistics

0  1 **SCORE: 0.743** **RANK: 1/10 DISTRICTS ASSESSED**

2.5 Average Distance to Seaport (km)	63.0 Distance to External Medium or Large Seaport (km)	0.39 Port Density (ports per km of coastline)
--	--	---



Air Support

0  1 **SCORE: 0.762** **RANK: 2/10 DISTRICTS ASSESSED**

61.2 Distance to External C130 Airport (km)	4.0 Average Distance to Airport or Heliport (km)
---	--



Transportation Capacity

0  1 **SCORE: 0.576** **RANK: 4/10 DISTRICTS ASSESSED**

0.1 Gas Stations per 1,000 Persons	3.6 Road Density (km of roads per sq km)
--	--



Warehouse Access

0  1 **SCORE: 0.580** **RANK: 4/10 DISTRICTS ASSESSED**

3.5 Average Distance to Warehouse (km)	168.5 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: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.687



RESILIENCE (R)

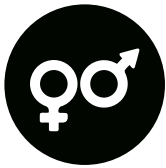
Resilience in St. Lucia was calculated by using a combination of Vulnerability and Coping Capacity (including both Island Capacity and Logistics Capacity).

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.681

KEY FACTORS INFLUENCING RESILIENCE

Castries'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.



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.



Transportation Capacity

Dense road networks and refueling locations facilitate the evacuation of populations during a disaster and increase the ability of response stakeholders to access affected populations. Improved transportation capacity supports the ability to distribute resources before, during, and after 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)



Coastal Flooding RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.391



Earthquake RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.557



Extreme Heat RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.507



Flash Flood RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.539



Hurricane Winds RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.557



Landslide RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.506



Sea Level Rise RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.391



Tsunami RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.424



Volcanic Ashfall RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.557



Volcano RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.000



Wildfire RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.000



MULTI-HAZARD RISK (MHR)

3 / 10

RANK AMONG DISTRICTS
Score: 0.457



Castries'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



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ST. LUCIA

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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
--	---	--



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
--------------------------	--------------------------------	--	--------------------------------------



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
--	---



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)
--	---	---	---



Energy Capacity

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

90.8% Households with Electricity	78.3% Households Using Gas for Cooking
---	--



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
--	---



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)



Coastal Flooding RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.217



Earthquake RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.570



Extreme Heat RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.000



Flash Flood RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.251



Hurricane Winds RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.570



Landslide RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.314



Sea Level Rise RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.215



Tsunami RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.170



Volcanic Ashfall RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.570



Volcano RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.646



Wildfire RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.334



MULTI-HAZARD RISK (MHR)

4 / 10

RANK AMONG DISTRICTS
Score: 0.449



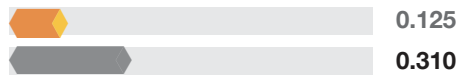
Choiseul's score and ranking are due to Low Multi-Hazard Exposure combined with High Vulnerability and Very Low Coping Capacity scores.

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

DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



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ST. LUCIA DENNERY

Area: 69.70 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Moderate

Score: 0.435 • Rank: 5/10



RESILIENCE (R)

- Low

Score: 0.401 • Rank: 7/10



MULTI-HAZARD EXPOSURE (MHE)

- Low

Score: 0.106 • Rank: 8/10



VULNERABILITY (V)

- Very High

Score: 0.637 • Rank: 2/10



COPING CAPACITY (CC)

- Low

Score: 0.438 • Rank: 7/10



Population (2010 Census)

13,010



Net Primary Enrollment

61.9%



Prevalence of Chronic Illness (per 100 persons)

23.7



Poverty Rate

45.0%



Population with No Internet Access

64.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.106



MHE
0.106

Raw MHE
0.130

Relative MHE
0.082

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

2%

218

Buildings Exposed: 4%
Critical Infrastructure Exposed: 19%



Hurricane Winds

100%

9,730

Buildings Exposed: 100%
Critical Infrastructure Exposed: 100%



Earthquake

100%

9,730

Buildings Exposed: 100%
Critical Infrastructure Exposed: 100%



Landslide

16%

1,560

Buildings Exposed: 22%
Critical Infrastructure Exposed: 16%



Extreme Heat

68%

6,630

Buildings Exposed: 74%
Critical Infrastructure Exposed: 76%



Sea Level Rise

2%

152

Buildings Exposed: 3%
Critical Infrastructure Exposed: 18%



Flash Flood

0%

0

Buildings Exposed: 0%
Critical Infrastructure Exposed: 0%



Tsunami

12%

1,180

Buildings Exposed: 19%
Critical Infrastructure Exposed: 26%

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: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.106

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

9,730

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.637

Vulnerability in Dennerly is primarily driven by Clean Water Access Vulnerability and Housing and Transportation Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.640** **RANK: 5/10 DISTRICTS ASSESSED**

61.9%
Net Primary Enrollment

48.1%
Highest Education Level Primary School

16.5%
Households with Desktop Computer

78.7%
Households with TV

64.3%
Population with No Internet Access



Economic Constraints

0  1 **SCORE: 0.610** **RANK: 4/10 DISTRICTS ASSESSED**

54.6
Economic Dependency Ratio

21.0%
Unemployment Rate

45.0%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.470** **RANK: 7/10 DISTRICTS ASSESSED**

37.68
Adolescent Birth Rate

0.04
Female to Male Literacy

0.23
Female to Male Secondary Enrollment

0.08
Female to Male Labor Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.692** **RANK: 1/10 DISTRICTS ASSESSED**

51.1%
Housing Built Prior to 2000

81.1%
Households without a Private Vehicle

39.5%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.637



Household Composition and Vulnerable Health

0  1 SCORE: 0.441 RANK: 6/10 DISTRICTS ASSESSED

0.0

Infant Mortality Rate (per 1,000 live births)

23.7

Prevalence of Chronic Illness (per 100 persons)

20.9

Prevalence of Disability (per 100 persons)

9.0%

Population Age 65 and Over

25.5%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.968 RANK: 1/10 DISTRICTS ASSESSED

49%

Households with Piped Drinking Water

46%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.438

Dennerly exhibits weaker Island Capacity in the areas of Communications Capacity and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.401** **RANK: 8/10 DISTRICTS ASSESSED**

6.3% Persons Receiving Remittances	7.9% Households with Home Insurance	71.9% Labor Force Participation Rate
--	---	--



Environmental Capacity

0  1 **SCORE: 0.642** **RANK: 1/10 DISTRICTS ASSESSED**

0.8% Croplands	-28.1 Net Carbon Flux	43.8% Protected Terrestrial Area	100.0% Protected Coastlines
--------------------------	---------------------------------	--	---------------------------------------



Infrastructure Capacity

0  1 **SCORE: 0.573** **RANK: 5/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.305** **RANK: 8/10 DISTRICTS ASSESSED**

30.8% Households with Fixed Phone Access	76.0% Households with Mobile Phone Access
--	---



Emergency Services Capacity

0  1 **SCORE: 0.936** **RANK: 1/10 DISTRICTS ASSESSED**

0.5 Average Distance to Shelter (km)	1.0 Average Distance to Hospital or Clinic (km)	3.0 Average Distance to Fire Station (km)	1.3 Average Distance to Police Station (km)
--	---	---	---



Energy Capacity

0  1 **SCORE: 0.734** **RANK: 6/10 DISTRICTS ASSESSED**

90.1% Households with Electricity	90.4% Households Using Gas for Cooking
---	--



Health Care Capacity

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

46.7% Persons with Health Insurance Coverage	0.4 Hospitals and Clinics per 1,000 Persons
--	---



LOGISTICS CAPACITY (LC)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.690

Dennergy exhibits weaker Logistics Capacity in the areas of Air Support and Maritime Logistics. The bar charts indicate the socioeconomic themes contributing to the overall Logistics Capacity score.



Maritime Logistics

0 1 **SCORE: 0.248** **RANK: 8/10 DISTRICTS ASSESSED**

3.6 Average Distance to Seaport (km)	71.2 Distance to External Medium or Large Seaport (km)	0.05 Port Density (ports per km of coastline)
--	--	---



Air Support

0 1 **SCORE: 0.095** **RANK: 10/10 DISTRICTS ASSESSED**

69.2 Distance to External C130 Airport (km)	13.8 Average Distance to Airport or Heliport (km)
---	---



Transportation Capacity

0 1 **SCORE: 0.394** **RANK: 8/10 DISTRICTS ASSESSED**

0.3 Gas Stations per 1,000 Persons	1.8 Road Density (km of roads per sq km)
--	--



Warehouse Access

0 1 **SCORE: 0.666** **RANK: 1/10 DISTRICTS ASSESSED**

12.8 Average Distance to Warehouse (km)	161.0 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: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.438



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: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.401

KEY FACTORS INFLUENCING RESILIENCE

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

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



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.



Housing and Transportation Vulnerability

Populations living in older housing, and prior to the enactment of modern building codes, are more susceptible to structural damage and losses as a result of hazard impacts. In addition, those with unmet housing needs or whose household occupancy is squatted have increased susceptibility to negative consequences as a result of hazard exposure. Populations with limited vehicle access are more likely to experience mobility challenges during an evacuation, and have difficulty accessing needed supplies and services before, during and after a hazard event.



Air Support

Air transport is a key component of timely response operations, supporting search and rescue, damage assessment efforts, and the delivery of relief supplies. Increasing air support capacity to accommodate C130 aircraft strengthens the ability to quickly deliver and disseminate emergency relief supplies to where they are most needed.

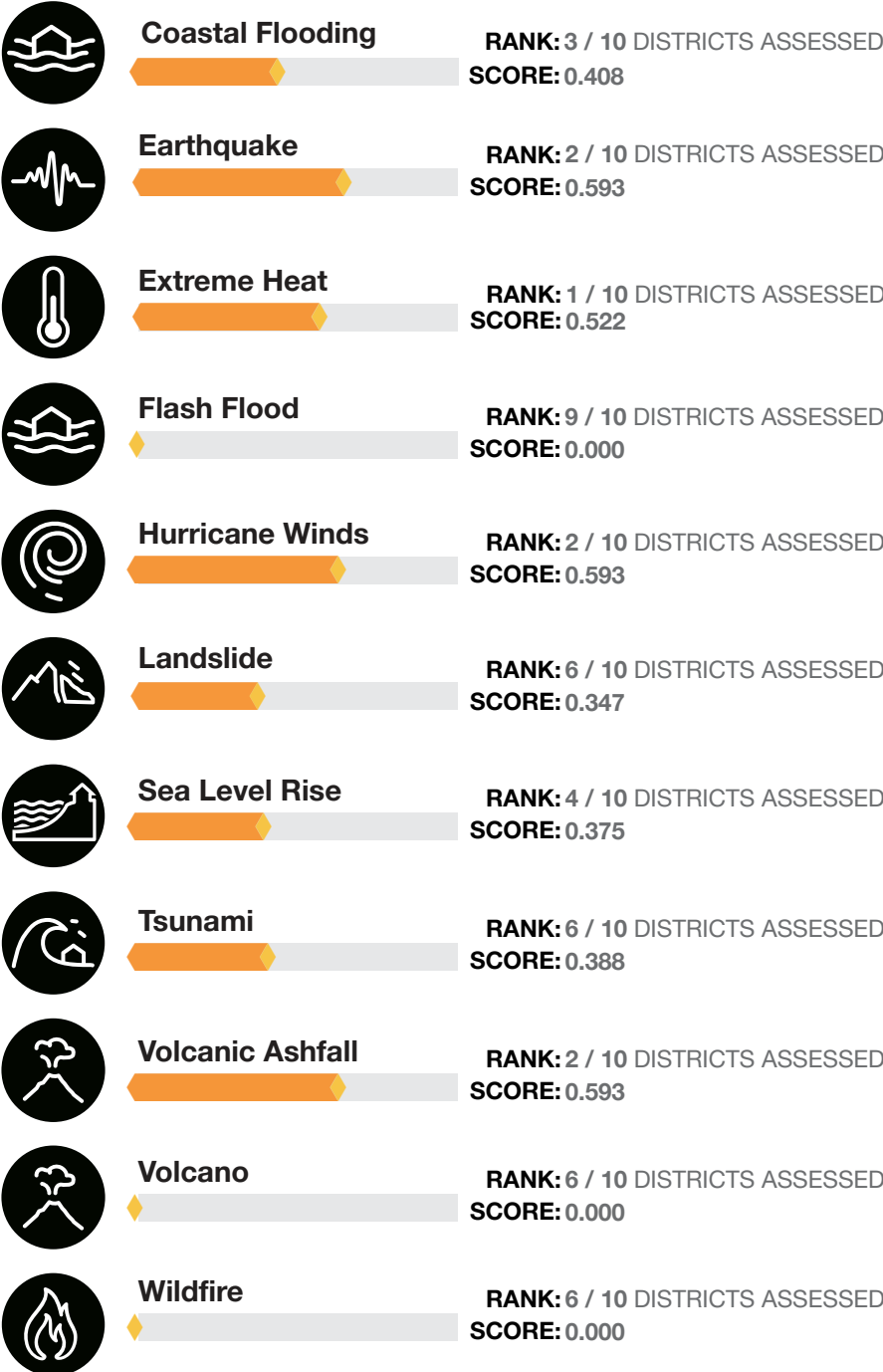


Maritime Logistics

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)

5 / 10

RANK AMONG DISTRICTS
Score: 0.435



Dennerly's score and ranking are due to Low Multi-Hazard Exposure combined with Very High Vulnerability and 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



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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
--	--	--



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
--------------------------	---------------------------------	--	--------------------------------------



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
--	---



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)
--	---	---	---



Energy Capacity

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

95.9% Households with Electricity	92.9% Households Using Gas for Cooking
---	--



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
--	---



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)
--	--	---



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)
---	--



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)
--	--



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)
--	---



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)

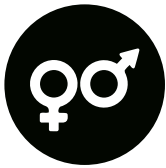
Resilience in St. Lucia was calculated by using a combination of Vulnerability and Coping Capacity (including both Island Capacity and Logistics Capacity).

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)



Coastal Flooding

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.291



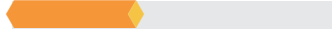
Earthquake

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.344



Extreme Heat

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.354



Flash Flood

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.329



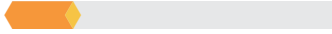
Hurricane Winds

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.344



Landslide

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.176



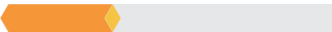
Sea Level Rise

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.282



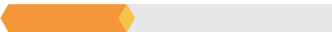
Tsunami

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.302



Volcanic Ashfall

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.344



Volcano

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.000



Wildfire

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.069

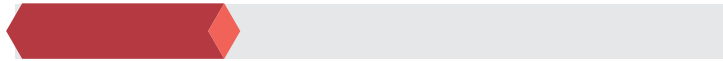




MULTI-HAZARD RISK (MHR)

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:

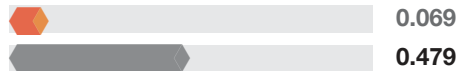
DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



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ST. LUCIA

LABORIE

NDPBA SUBNATIONAL PROFILE

ST. LUCIA LABORIE

Area: 37.81 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very Low

Score: 0.337 • Rank: 9/10



RESILIENCE (R)

- High

Score: 0.519 • Rank: 4/10



MULTI-HAZARD EXPOSURE (MHE)

- Very Low

Score: 0.047 • Rank: 10/10



VULNERABILITY (V)

- Low

Score: 0.449 • Rank: 7/10



COPING CAPACITY (CC)

- High

Score: 0.486 • Rank: 4/10



Population (2010 Census)

6,841



Net Primary Enrollment

66.6%



Prevalence of Chronic
Illness (per 100 persons)

26.6



Poverty Rate

23.4%



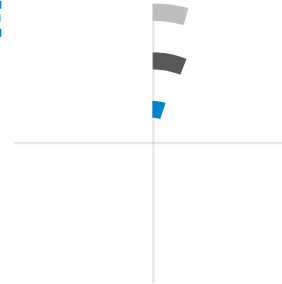
Population with No
Internet Access

60.1%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.047



ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

1%

👤 67

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **13%**



Hurricane Winds

100%

👤 4,620

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 4,620

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

22%

👤 1,030

Buildings Exposed: **27%**

Critical Infrastructure Exposed: **38%**



Extreme Heat

1%

👤 40

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **0%**



Sea Level Rise

1%

👤 56

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **13%**



Flash Flood

0%

👤 0

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **13%**



Tsunami

6%

👤 258

Buildings Exposed: **12%**

Critical Infrastructure Exposed: **26%**

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: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.047

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

4,620

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

74%

3,420

Buildings Exposed: **64%**

Critical Infrastructure Exposed: **55%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.449

Vulnerability in Laborie is primarily driven by Economic Constraints and Housing and Transportation Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.506** **RANK: 8/10 DISTRICTS ASSESSED**

66.6%
Net Primary
Enrollment

53.3%
Highest
Education
Level Primary
School

20.5%
Households
with Desktop
Computer

84.5%
Households
with TV

60.1%
Population
with No
Internet
Access



Economic Constraints

0  1 **SCORE: 0.587** **RANK: 5/10 DISTRICTS ASSESSED**

52.0
Economic
Dependency
Ratio

36.8%
Unemployment
Rate

23.4%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.308** **RANK: 9/10 DISTRICTS ASSESSED**

18.75
Adolescent
Birth Rate

0.03
Female to
Male Literacy

0.31
Female
to Male
Secondary
Enrollment

0.14
Female to
Male Labor
Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.508** **RANK: 3/10 DISTRICTS ASSESSED**

62.3%
Housing Built
Prior to 2000

72.9%
Households
without a
Private Vehicle

8.1%
Household
Occupancy
Squatting



VULNERABILITY (V)

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.449



Household Composition and Vulnerable Health

0  1 SCORE: 0.461 RANK: 4/10 DISTRICTS ASSESSED

0.0

Infant Mortality Rate (per 1,000 live births)

26.6

Prevalence of Chronic Illness (per 100 persons)

19.4

Prevalence of Disability (per 100 persons)

10.5%

Population Age 65 and Over

23.0%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.327 RANK: 6/10 DISTRICTS ASSESSED

72%

Households with Piped Drinking Water

63%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.486

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



Economic Capacity

0  1 **SCORE: 0.452** **RANK: 7/10 DISTRICTS ASSESSED**

5.7% Persons Receiving Remittances	12.5% Households with Home Insurance	71.2% Labor Force Participation Rate
--	--	--



Environmental Capacity

0  1 **SCORE: 0.370** **RANK: 8/10 DISTRICTS ASSESSED**

0.4% Croplands	-14.5 Net Carbon Flux	29.0% Protected Terrestrial Area	86.9% Protected Coastlines
--------------------------	---------------------------------	--	--------------------------------------



Infrastructure Capacity

0  1 **SCORE: 0.569** **RANK: 6/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.658** **RANK: 2/10 DISTRICTS ASSESSED**

41.4% Households with Fixed Phone Access	82.5% Households with Mobile Phone Access
--	---



Emergency Services Capacity

0  1 **SCORE: 0.530** **RANK: 7/10 DISTRICTS ASSESSED**

0.6 Average Distance to Shelter (km)	2.3 Average Distance to Hospital or Clinic (km)	5.5 Average Distance to Fire Station (km)	2.7 Average Distance to Police Station (km)
--	---	---	---



Energy Capacity

0  1 **SCORE: 0.823** **RANK: 5/10 DISTRICTS ASSESSED**

93.7% Households with Electricity	88.1% Households Using Gas for Cooking
---	--



Health Care Capacity

0  1 **SCORE: 0.266** **RANK: 9/10 DISTRICTS ASSESSED**

50.7% Persons with Health Insurance Coverage	0.2 Hospitals and Clinics per 1,000 Persons
--	---



LOGISTICS CAPACITY (LC)

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.326

Laborie 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: 0.237** **RANK: 9/10 DISTRICTS ASSESSED**

2.7 Average Distance to Seaport (km)	84.0 Distance to External Medium or Large Seaport (km)	0.11 Port Density (ports per km of coastline)
--	--	---



Air Support

0  1 **SCORE: 0.483** **RANK: 4/10 DISTRICTS ASSESSED**

66.4 Distance to External C130 Airport (km)	7.0 Average Distance to Airport or Heliport (km)
---	--



Transportation Capacity

0  1 **SCORE: 0.829** **RANK: 2/10 DISTRICTS ASSESSED**

0.7 Gas Stations per 1,000 Persons	2.8 Road Density (km of roads per sq km)
--	--



Warehouse Access

0  1 **SCORE: 0.329** **RANK: 7/10 DISTRICTS ASSESSED**

28.7 Average Distance to Warehouse (km)	162.3 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: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.486



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: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.519

KEY FACTORS INFLUENCING RESILIENCE

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

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



Economic Constraints

Economic constraints have individual, household, community, and region-wide influence. Limitations on available financial resources reduce opportunities to invest in mitigation and preparedness measures and limit the ability to facilitate short- and long-term recovery.



Housing and Transportation Vulnerability

Populations living in older housing, and prior to the enactment of modern building codes, are more susceptible to structural damage and losses as a result of hazard impacts. In addition, those with unmet housing needs or whose household occupancy is squatted have increased susceptibility to negative consequences as a result of hazard exposure. Populations with limited vehicle access are more likely to experience mobility challenges during an evacuation, and have difficulty accessing needed supplies and services before, during and after a hazard event.



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)

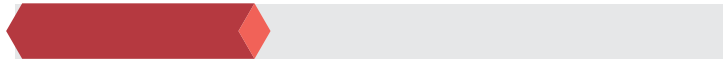
	Coastal Flooding	RANK: 9 / 10 DISTRICTS ASSESSED SCORE: 0.184
	Earthquake	RANK: 9 / 10 DISTRICTS ASSESSED SCORE: 0.511
	Extreme Heat	RANK: 8 / 10 DISTRICTS ASSESSED SCORE: 0.042
	Flash Flood	RANK: 7 / 10 DISTRICTS ASSESSED SCORE: 0.104
	Hurricane Winds	RANK: 9 / 10 DISTRICTS ASSESSED SCORE: 0.511
	Landslide	RANK: 3 / 10 DISTRICTS ASSESSED SCORE: 0.414
	Sea Level Rise	RANK: 9 / 10 DISTRICTS ASSESSED SCORE: 0.175
	Tsunami	RANK: 9 / 10 DISTRICTS ASSESSED SCORE: 0.221
	Volcanic Ashfall	RANK: 9 / 10 DISTRICTS ASSESSED SCORE: 0.511
	Volcano	RANK: 5 / 10 DISTRICTS ASSESSED SCORE: 0.468
	Wildfire	RANK: 6 / 10 DISTRICTS ASSESSED SCORE: 0.000



MULTI-HAZARD RISK (MHR)

9 / 10

RANK AMONG DISTRICTS
Score: 0.337



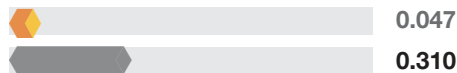
Laborie's score and ranking are due to Very Low Multi-Hazard Exposure combined with Low Vulnerability and High Coping Capacity scores.

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

DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



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Fewer disasters.**

Safer world.

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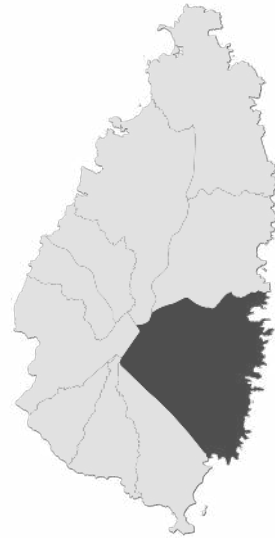
ST. LUCIA

MICOD

NDPBA SUBNATIONAL PROFILE

ST. LUCIA MICOUD

Area: 77.70 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Low

Score: 0.382 • Rank: 8/10



RESILIENCE (R)

- Moderate

Score: 0.464 • Rank: 6/10



MULTI-HAZARD EXPOSURE (MHE)

- Very Low

Score: 0.073 • Rank: 9/10



VULNERABILITY (V)

- Moderate

Score: 0.514 • Rank: 5/10



COPING CAPACITY (CC)

- Moderate

Score: 0.441 • Rank: 6/10



Population (2010 Census)

17,169



Net Primary Enrollment

68.5%



Prevalence of Chronic Illness (per 100 persons)

23.1



Poverty Rate

31.2%



Population with No

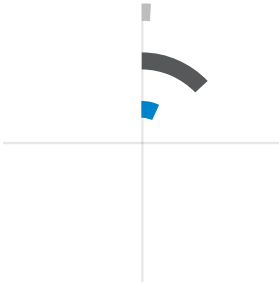
Internet Access

59.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.073



MHE
0.073

Raw MHE
0.133

Relative MHE
0.013

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

<1%

61

Buildings Exposed: 1%
Critical Infrastructure Exposed: 10%



Hurricane Winds

100%

13,600

Buildings Exposed: 100%
Critical Infrastructure Exposed: 100%



Earthquake

100%

13,600

Buildings Exposed: 100%
Critical Infrastructure Exposed: 100%



Landslide

9%

1,200

Buildings Exposed: 11%
Critical Infrastructure Exposed: 23%



Extreme Heat

63%

8,610

Buildings Exposed: 79%
Critical Infrastructure Exposed: 73%



Sea Level Rise

<1%

54

Buildings Exposed: 1%
Critical Infrastructure Exposed: 10%



Flash Flood

<1%

3

Buildings Exposed: 0%
Critical Infrastructure Exposed: 3%



Tsunami

6%

773

Buildings Exposed: 12%
Critical Infrastructure Exposed: 22%

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: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.073

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

13,600

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

5%

651

Buildings Exposed: **3%**

Critical Infrastructure Exposed: **<1%**



VULNERABILITY (V)

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.514

Vulnerability in Micoud 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: 0.520** **RANK: 7/10 DISTRICTS ASSESSED**

68.5% Net Primary Enrollment	47.1% Highest Education Level Primary School	19.3% Households with Desktop Computer	78.3% Households with TV	59.3% Population with No Internet Access
--	--	--	------------------------------------	--



Economic Constraints

0  1 **SCORE: 0.511** **RANK: 7/10 DISTRICTS ASSESSED**

54.3 Economic Dependency Ratio	23.9% Unemployment Rate	31.2% Poverty Rate
--	-----------------------------------	------------------------------



Gender Inequality

0  1 **SCORE: 0.573** **RANK: 5/10 DISTRICTS ASSESSED**

36.51 Adolescent Birth Rate	0.02 Female to Male Literacy	0.33 Female to Male Secondary Enrollment	0.29 Female to Male Labor Ratio
---------------------------------------	--	--	---



Housing and Transportation Vulnerability

0  1 **SCORE: 0.500** **RANK: 4/10 DISTRICTS ASSESSED**

60.0% Housing Built Prior to 2000	73.5% Households without a Private Vehicle	10.5% Household Occupancy Squatting
---	--	---



VULNERABILITY (V)

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.514



Household Composition and Vulnerable Health

0  1 SCORE: 0.457 RANK: 5/10 DISTRICTS ASSESSED

4.8

Infant Mortality Rate (per 1,000 live births)

23.1

Prevalence of Chronic Illness (per 100 persons)

18.9

Prevalence of Disability (per 100 persons)

9.4%

Population Age 65 and Over

25.0%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.524 RANK: 4/10 DISTRICTS ASSESSED

63%

Households with Piped Drinking Water

60%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.441

Micoud exhibits weaker Island Capacity in the areas of Health Care Capacity and Communications Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.511** **RANK: 4/10 DISTRICTS ASSESSED**

5.0% Persons Receiving Remittances	0.12 Households with Home Insurance	72.2% Labor Force Participation Rate
--	---	--



Environmental Capacity

0  1 **SCORE: 0.531** **RANK: 3/10 DISTRICTS ASSESSED**

0.1% Croplands	-37.6 Net Carbon Flux	30.2% Protected Terrestrial Area	90.7% Protected Coastlines
--------------------------	---------------------------------	--	--------------------------------------



Infrastructure Capacity

0  1 **SCORE: 0.605** **RANK: 4/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.649** **RANK: 3/10 DISTRICTS ASSESSED**

43.3% Households with Fixed Phone Access	79.7% Households with Mobile Phone Access
--	---



Emergency Services Capacity

0  1 **SCORE: 0.651** **RANK: 4/10 DISTRICTS ASSESSED**

0.6 Average Distance to Shelter (km)	1.3 Average Distance to Hospital or Clinic (km)	3.5 Average Distance to Fire Station (km)	3.3 Average Distance to Police Station (km)
--	---	---	---



Energy Capacity

0  1 **SCORE: 0.835** **RANK: 4/10 DISTRICTS ASSESSED**

92.5% Households with Electricity	91.0% Households Using Gas for Cooking
---	--



Health Care Capacity

0  1 **SCORE: 0.283** **RANK: 8/10 DISTRICTS ASSESSED**

48.8% Persons with Health Insurance Coverage	0.3 Hospitals and Clinics per 1,000 Persons
--	---



LOGISTICS CAPACITY (LC)

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.665

Micoud exhibits weaker Logistics Capacity in the areas of Maritime Logistics and Air Support. The bar charts indicate the socioeconomic themes contributing to the overall Logistics Capacity score.



Maritime Logistics

0 1 **SCORE: 0.054** **RANK: 10/10 DISTRICTS ASSESSED**

4.3 Average Distance to Seaport (km)	79.9 Distance to External Medium or Large Seaport (km)	0.02 Port Density (ports per km of coastline)
--	--	---



Air Support

0 1 **SCORE: 0.171** **RANK: 9/10 DISTRICTS ASSESSED**

71.5 Distance to External C130 Airport (km)	10.9 Average Distance to Airport or Heliport (km)
---	---



Transportation Capacity

0 1 **SCORE: 0.430** **RANK: 7/10 DISTRICTS ASSESSED**

0.3 Gas Stations per 1,000 Persons	2.1 Road Density (km of roads per sq km)
--	--



Warehouse Access

0 1 **SCORE: 0.621** **RANK: 3/10 DISTRICTS ASSESSED**

24.0 Average Distance to Warehouse (km)	156.4 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: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.441



RESILIENCE (R)

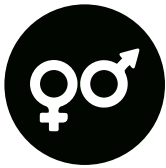
Resilience in St. Lucia was calculated by using a combination of Vulnerability and Coping Capacity (including both Island Capacity and Logistics Capacity).

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.464

KEY FACTORS INFLUENCING RESILIENCE

Micoud's score and ranking are due to Moderate Vulnerability combined with Moderate 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.

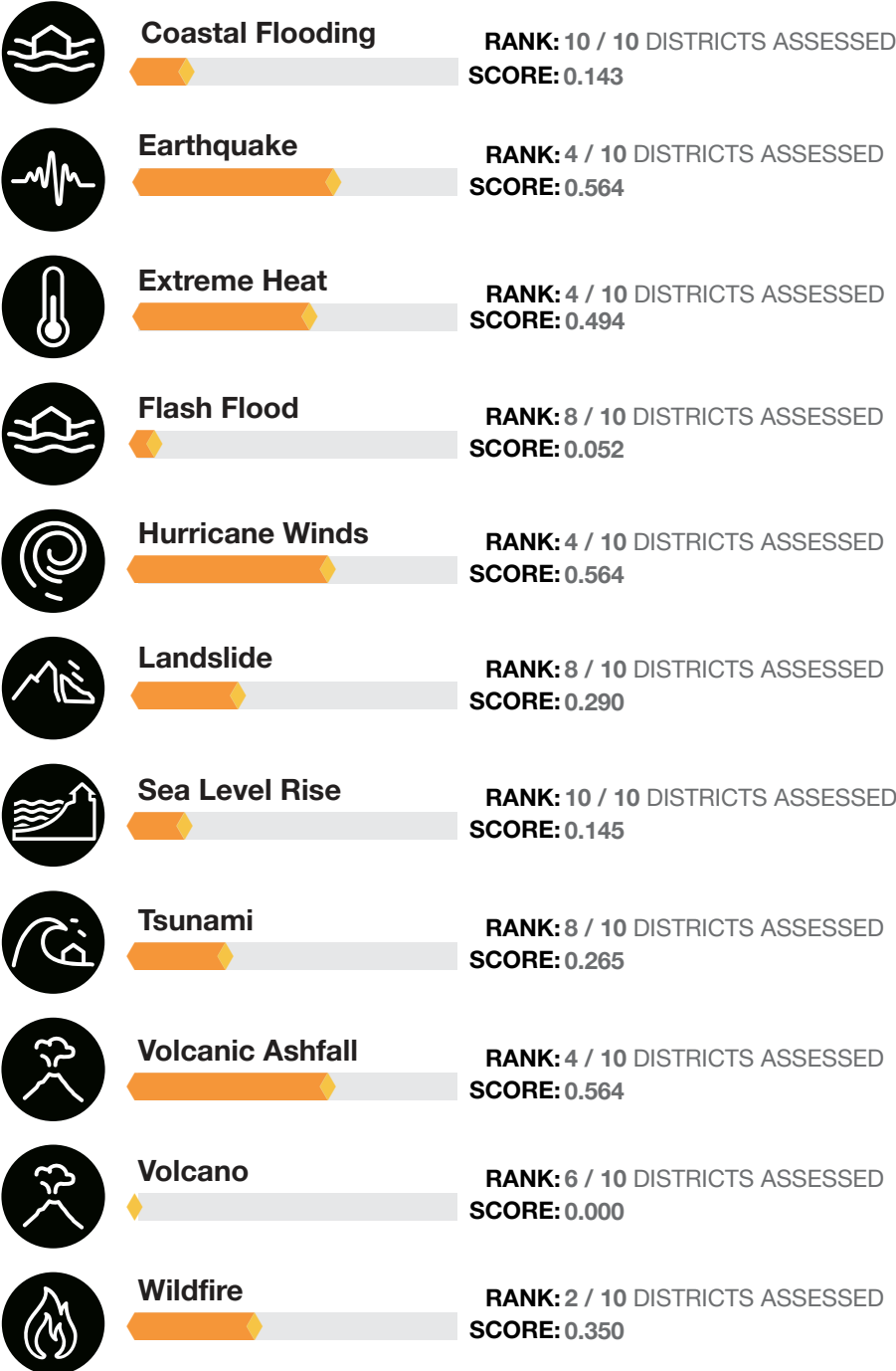


Air Support

Air transport is a key component of timely response operations, supporting search and rescue, damage assessment efforts, and the delivery of relief supplies. Increasing air support capacity to accommodate C130 aircraft strengthens the ability to quickly deliver and disseminate emergency relief supplies to where they are most needed.



HAZARD-SPECIFIC RISK (HSR)

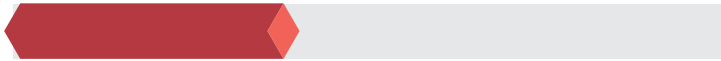




MULTI-HAZARD RISK (MHR)

8 / 10

RANK AMONG DISTRICTS
Score: 0.382



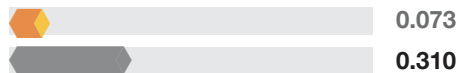
Micoud's score and ranking are due to Very Low Multi-Hazard Exposure combined with Moderate Vulnerability and Moderate Coping Capacity scores.

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

DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



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ST. LUCIA

SOUFRIÈRE

NDPBA SUBNATIONAL PROFILE

ST. LUCIA SOUFRIÈRE

Area: 50.51 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Moderate

Score: 0.410 • Rank: 6/10



RESILIENCE (R)

- Moderate

Score: 0.518 • Rank: 5/10



MULTI-HAZARD EXPOSURE (MHE)

- Moderate

Score: 0.265 • Rank: 6/10



VULNERABILITY (V)

- Low

Score: 0.441 • Rank: 8/10



COPING CAPACITY (CC)

- Moderate

Score: 0.477 • Rank: 5/10



Population (2010 Census)

8,791



Net Primary Enrollment

47.8%



Prevalence of Chronic Illness (per 100 persons)

22.2



Poverty Rate

25.5%



Population with No

Internet Access

67.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.265



MHE
0.265

Raw MHE
0.121

Relative MHE
0.409

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

2%

👤 164

Buildings Exposed: **4%**

Critical Infrastructure Exposed: **8%**



Hurricane Winds

100%

👤 7,460

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 7,460

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

27%

👤 1,990

Buildings Exposed: **22%**

Critical Infrastructure Exposed: **21%**



Extreme Heat

0%

👤 0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Sea Level Rise

2%

👤 121

Buildings Exposed: **3%**

Critical Infrastructure Exposed: **8%**



Flash Flood

52%

👤 3,910

Buildings Exposed: **49%**

Critical Infrastructure Exposed: **17%**



Tsunami

12%

👤 904

Buildings Exposed: **30%**

Critical Infrastructure Exposed: **58%**

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: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.265

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

7,460

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

92%

6,870

Buildings Exposed: **94%**

Critical Infrastructure Exposed: **89%**



Wildfire

<1%

1

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.441

Vulnerability in Soufrière is primarily driven by Information Access Vulnerability and Gender Inequality. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.723** **RANK: 4/10 DISTRICTS ASSESSED**

47.8%
Net Primary Enrollment

47.6%
Highest Education Level Primary School

17.7%
Households with Desktop Computer

82.9%
Households with TV

67.3%
Population with No Internet Access



Economic Constraints

0  1 **SCORE: 0.426** **RANK: 8/10 DISTRICTS ASSESSED**

54.4
Economic Dependency Ratio

22.0%
Unemployment Rate

25.5%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.485** **RANK: 6/10 DISTRICTS ASSESSED**

55.00
Adolescent Birth Rate

0.03
Female to Male Literacy

0.18
Female to Male Secondary Enrollment

0.14
Female to Male Labor Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.384** **RANK: 7/10 DISTRICTS ASSESSED**

54.1%
Housing Built Prior to 2000

76.1%
Households without a Private Vehicle

4.2%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.441



Household Composition and Vulnerable Health

0  1 SCORE: 0.308 RANK: 9/10 DISTRICTS ASSESSED

0.0

Infant Mortality Rate (per 1,000 live births)

22.2

Prevalence of Chronic Illness (per 100 persons)

14.6

Prevalence of Disability (per 100 persons)

9.2%

Population Age 65 and Over

25.1%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.321 RANK: 7/10 DISTRICTS ASSESSED

67%

Households with Piped Drinking Water

70%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.477

Soufrière exhibits weaker Island Capacity in the areas of Communications Capacity and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.354** **RANK: 9/10 DISTRICTS ASSESSED**

5.9% Persons Receiving Remittances	14.0% Households with Home Insurance	68.1% Labor Force Participation Rate
--	--	--



Environmental Capacity

0  1 **SCORE: 0.548** **RANK: 2/10 DISTRICTS ASSESSED**

0.0% Croplands	-12.8 Net Carbon Flux	98.9% Protected Terrestrial Area	100.0% Protected Coastlines
--------------------------	---------------------------------	--	---------------------------------------



Infrastructure Capacity

0  1 **SCORE: 0.520** **RANK: 7/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.313** **RANK: 7/10 DISTRICTS ASSESSED**

29.5% Households with Fixed Phone Access	78.0% Households with Mobile Phone Access
--	---



Emergency Services Capacity

0  1 **SCORE: 0.621** **RANK: 5/10 DISTRICTS ASSESSED**

0.9 Average Distance to Shelter (km)	1.3 Average Distance to Hospital or Clinic (km)	2.6 Average Distance to Fire Station (km)	2.3 Average Distance to Police Station (km)
--	---	---	---



Energy Capacity

0  1 **SCORE: 0.656** **RANK: 8/10 DISTRICTS ASSESSED**

91.6% Households with Electricity	84.0% Households Using Gas for Cooking
---	--



Health Care Capacity

0  1 **SCORE: 0.489** **RANK: 5/10 DISTRICTS ASSESSED**

49.0% Persons with Health Insurance Coverage	0.7 Hospitals and Clinics per 1,000 Persons
--	---



LOGISTICS CAPACITY (LC)

RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.328

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



Maritime Logistics

0  1 **SCORE: 0.668** **RANK: 2/10 DISTRICTS ASSESSED**

1.8

Average Distance to Seaport (km)

76.8

Distance to External Medium or Large Seaport (km)

0.40

Port Density (ports per km of coastline)



Air Support

0  1 **SCORE: 0.483** **RANK: 4/10 DISTRICTS ASSESSED**

71.6

Distance to External C130 Airport (km)

4.2

Average Distance to Airport or Heliport (km)



Transportation Capacity

0  1 **SCORE: 0.533** **RANK: 5/10 DISTRICTS ASSESSED**

0.4

Gas Stations per 1,000 Persons

2.2

Road Density (km of roads per sq km)



Warehouse Access

0  1 **SCORE: 0.258** **RANK: 9/10 DISTRICTS ASSESSED**

20.5

Average Distance to Warehouse (km)

168.7

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: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.477



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: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.518

KEY FACTORS INFLUENCING RESILIENCE

Soufrière's score and ranking are due to Low Vulnerability combined with Moderate 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.



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.



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.



Air Support

Air transport is a key component of timely response operations, supporting search and rescue, damage assessment efforts, and the delivery of relief supplies. Increasing air support capacity to accommodate C130 aircraft strengthens the ability to quickly deliver and disseminate emergency relief supplies to where they are most needed.



HAZARD-SPECIFIC RISK (HSR)

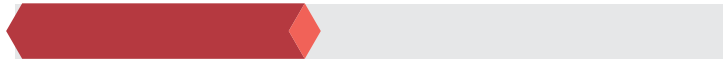
	Coastal Flooding	RANK: 7 / 10 DISTRICTS ASSESSED SCORE: 0.261
	Earthquake	RANK: 8 / 10 DISTRICTS ASSESSED SCORE: 0.522
	Extreme Heat	RANK: 9 / 10 DISTRICTS ASSESSED SCORE: 0.000
	Flash Flood	RANK: 4 / 10 DISTRICTS ASSESSED SCORE: 0.333
	Hurricane Winds	RANK: 8 / 10 DISTRICTS ASSESSED SCORE: 0.522
	Landslide	RANK: 5 / 10 DISTRICTS ASSESSED SCORE: 0.389
	Sea Level Rise	RANK: 7 / 10 DISTRICTS ASSESSED SCORE: 0.235
	Tsunami	RANK: 3 / 10 DISTRICTS ASSESSED SCORE: 0.438
	Volcanic Ashfall	RANK: 8 / 10 DISTRICTS ASSESSED SCORE: 0.522
	Volcano	RANK: 3 / 10 DISTRICTS ASSESSED SCORE: 0.599
	Wildfire	RANK: 5 / 10 DISTRICTS ASSESSED SCORE: 0.024



MULTI-HAZARD RISK (MHR)

6 / 10

RANK AMONG DISTRICTS
Score: 0.410



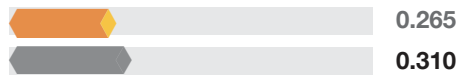
Soufrière's score and ranking are due to Moderate Multi-Hazard Exposure combined with Low Vulnerability and Moderate Coping Capacity scores.

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

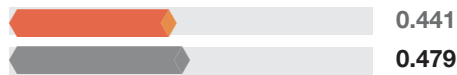
DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



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ST. LUCIA

VIEUX FORT

NDPBA SUBNATIONAL PROFILE

ST. LUCIA VIEUX FORT

Area: 43.80 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Low

Score: 0.385 • Rank: 7/10



RESILIENCE (R)

- High

Score: 0.581 • Rank: 3/10



MULTI-HAZARD EXPOSURE (MHE)

- Moderate

Score: 0.315 • Rank: 5/10



VULNERABILITY (V)

- Moderate

Score: 0.486 • Rank: 6/10



COPING CAPACITY (CC)

- High

Score: 0.647 • Rank: 3/10



Population (2010 Census)

17,349



Net Primary Enrollment

51.8%



Prevalence of Chronic Illness (per 100 persons)

23.6



Poverty Rate

34.6%



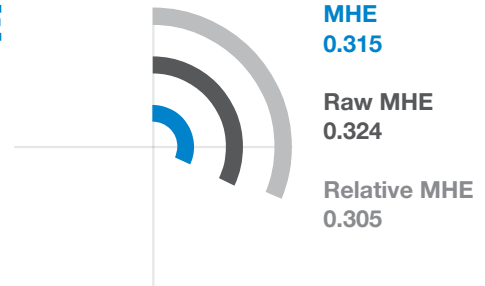
Population with No Internet Access

55.9%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.315



ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

1%

👤 214

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **13%**



Hurricane Winds

100%

👤 15,200

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 15,200

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

5%

👤 730

Buildings Exposed: **6%**

Critical Infrastructure Exposed: **8%**



Extreme Heat

38%

👤 5,770

Buildings Exposed: **37%**

Critical Infrastructure Exposed: **61%**



Sea Level Rise

1%

👤 188

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **13%**



Flash Flood

0%

👤 0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Tsunami

14%

👤 2,080

Buildings Exposed: **17%**

Critical Infrastructure Exposed: **40%**

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: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.315

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

15,200

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

78%

11,800

Buildings Exposed: **77%**

Critical Infrastructure Exposed: **79%**



Wildfire

11%

1,620

Buildings Exposed: **12%**

Critical Infrastructure Exposed: **25%**



VULNERABILITY (V)

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.486

Vulnerability in Vieux Fort is primarily driven by Economic Constraints and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.540** **RANK: 6/10 DISTRICTS ASSESSED**

51.8%
Net Primary Enrollment

46.1%
Highest Education Level Primary School

21.9%
Households with Desktop Computer

85.0%
Households with TV

55.9%
Population with No Internet Access



Economic Constraints

0  1 **SCORE: 0.730** **RANK: 2/10 DISTRICTS ASSESSED**

52.4
Economic Dependency Ratio

38.2%
Unemployment Rate

34.6%
Poverty Rate



Gender Inequality

0  1 **SCORE: 0.345** **RANK: 8/10 DISTRICTS ASSESSED**

38.41
Adolescent Birth Rate

0.02
Female to Male Literacy

0.10
Female to Male Secondary Enrollment

0.21
Female to Male Labor Ratio



Housing and Transportation Vulnerability

0  1 **SCORE: 0.499** **RANK: 5/10 DISTRICTS ASSESSED**

52.4%
Housing Built Prior to 2000

70.4%
Households without a Private Vehicle

26.6%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.486



Household Composition and Vulnerable Health

0  1 SCORE: 0.510 RANK: 3/10 DISTRICTS ASSESSED

35.8

Infant Mortality Rate (per 1,000 live births)

23.6

Prevalence of Chronic Illness (per 100 persons)

13.8

Prevalence of Disability (per 100 persons)

7.6%

Population Age 65 and Over

26.0%

Population Under Age 15



Clean Water Access Vulnerability

0  1 SCORE: 0.291 RANK: 8/10 DISTRICTS ASSESSED

72%

Households with Piped Drinking Water

66%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.647

Vieux Fort exhibits weaker Island Capacity in the areas of Communications Capacity and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0  1 **SCORE: 0.633** **RANK: 3/10 DISTRICTS ASSESSED**

5.9% Persons Receiving Remittances	15.2% Households with Home Insurance	75.7% Labor Force Participation Rate
--	--	--



Environmental Capacity

0  1 **SCORE: 0.458** **RANK: 5/10 DISTRICTS ASSESSED**

1.4% Croplands	-14.0 Net Carbon Flux	15.7% Protected Terrestrial Area	74.6% Protected Coastlines
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Infrastructure Capacity

0  1 **SCORE: 0.720** **RANK: 3/10 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.591** **RANK: 5/10 DISTRICTS ASSESSED**

37.7% Households with Fixed Phone Access	83.2% Households with Mobile Phone Access
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Emergency Services Capacity

0  1 **SCORE: 0.720** **RANK: 3/10 DISTRICTS ASSESSED**

0.6 Average Distance to Shelter (km)	0.8 Average Distance to Hospital or Clinic (km)	2.6 Average Distance to Fire Station (km)	2.9 Average Distance to Police Station (km)
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Energy Capacity

0  1 **SCORE: 0.875** **RANK: 3/10 DISTRICTS ASSESSED**

93.1% Households with Electricity	91.8% Households Using Gas for Cooking
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Health Care Capacity

0  1 **SCORE: 0.694** **RANK: 2/10 DISTRICTS ASSESSED**

54.1% Persons with Health Insurance Coverage	0.9 Hospitals and Clinics per 1,000 Persons
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LOGISTICS CAPACITY (LC)

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.359

Vieux Fort 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: 0.355** **RANK: 6/10 DISTRICTS ASSESSED**

2.2 Average Distance to Seaport (km)	84.6 Distance to External Medium or Large Seaport (km)	0.19 Port Density (ports per km of coastline)
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Air Support

0  1 **SCORE: 0.712** **RANK: 3/10 DISTRICTS ASSESSED**

64.6 Distance to External C130 Airport (km)	3.1 Average Distance to Airport or Heliport (km)
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Transportation Capacity

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

0.7 Gas Stations per 1,000 Persons	3.8 Road Density (km of roads per sq km)
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Warehouse Access

0  1 **SCORE: 0.486** **RANK: 5/10 DISTRICTS ASSESSED**

30.5 Average Distance to Warehouse (km)	156.8 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: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.647



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: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.581

KEY FACTORS INFLUENCING RESILIENCE

Vieux Fort's score and ranking are due to Moderate Vulnerability combined with High Coping Capacity scores.

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



Economic Constraints

Economic constraints have individual, household, community, and region-wide influence. Limitations on available financial resources reduce opportunities to invest in mitigation and preparedness measures and limit the ability to facilitate short- and long-term recovery.



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.



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.

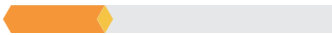


HAZARD-SPECIFIC RISK (HSR)



Coastal Flooding

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.272



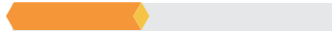
Earthquake

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.537



Extreme Heat

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.369



Flash Flood

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.000



Hurricane Winds

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.537



Landslide

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.125



Sea Level Rise

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.273



Tsunami

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.405



Volcanic Ashfall

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.537



Volcano

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.611



Wildfire

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.648

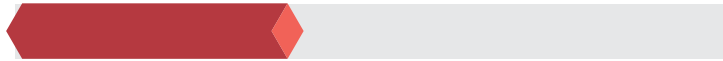




MULTI-HAZARD RISK (MHR)

7 / 10

RANK AMONG DISTRICTS
Score: 0.385



Vieux Fort's score and ranking are due to Moderate Multi-Hazard Exposure combined with Moderate Vulnerability and High Coping Capacity scores.

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

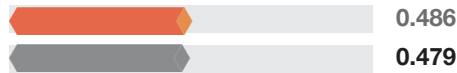
DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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