ST. LUCIA

ANSE LA RAYE

NDPBA SUBNATIONAL PROFILE

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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%	**56.8%**	**17.9%**	**78.7%**	**64.6%**
Net Primary Enrollment	Highest Education Level Primary School	Households with Desktop Computer	Households with TV	Population with No Internet Access

Economic Constraints

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

57.7	**32.8%**	**38.0%**
Economic Dependency Ratio	Unemployment Rate	Poverty Rate

Gender Inequality

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

46.43	**0.04**	**0.01**	**0.28**
Adolescent Birth Rate	Female to Male Literacy	Female to Male Secondary Enrollment	Female to Male Labor Ratio

Housing and Transportation Vulnerability

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

58.4%	**78.1%**	**1.0%**
Housing Built Prior to 2000	Households without a Private Vehicle	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%	**10.3%**	**71.9%**
Persons Receiving Remittances	Households with Home Insurance	Labor Force Participation Rate

Environmental Capacity

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

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

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%	**72.6%**
Households with Fixed Phone Access	Households with Mobile Phone Access

Emergency Services Capacity

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

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

Energy Capacity

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

90.2%	**87.2%**
Households with Electricity	Households Using Gas for Cooking

Health Care Capacity

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

42.9%	**0.6**
Persons with Health Insurance Coverage	Hospitals and Clinics per 1,000 Persons

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.
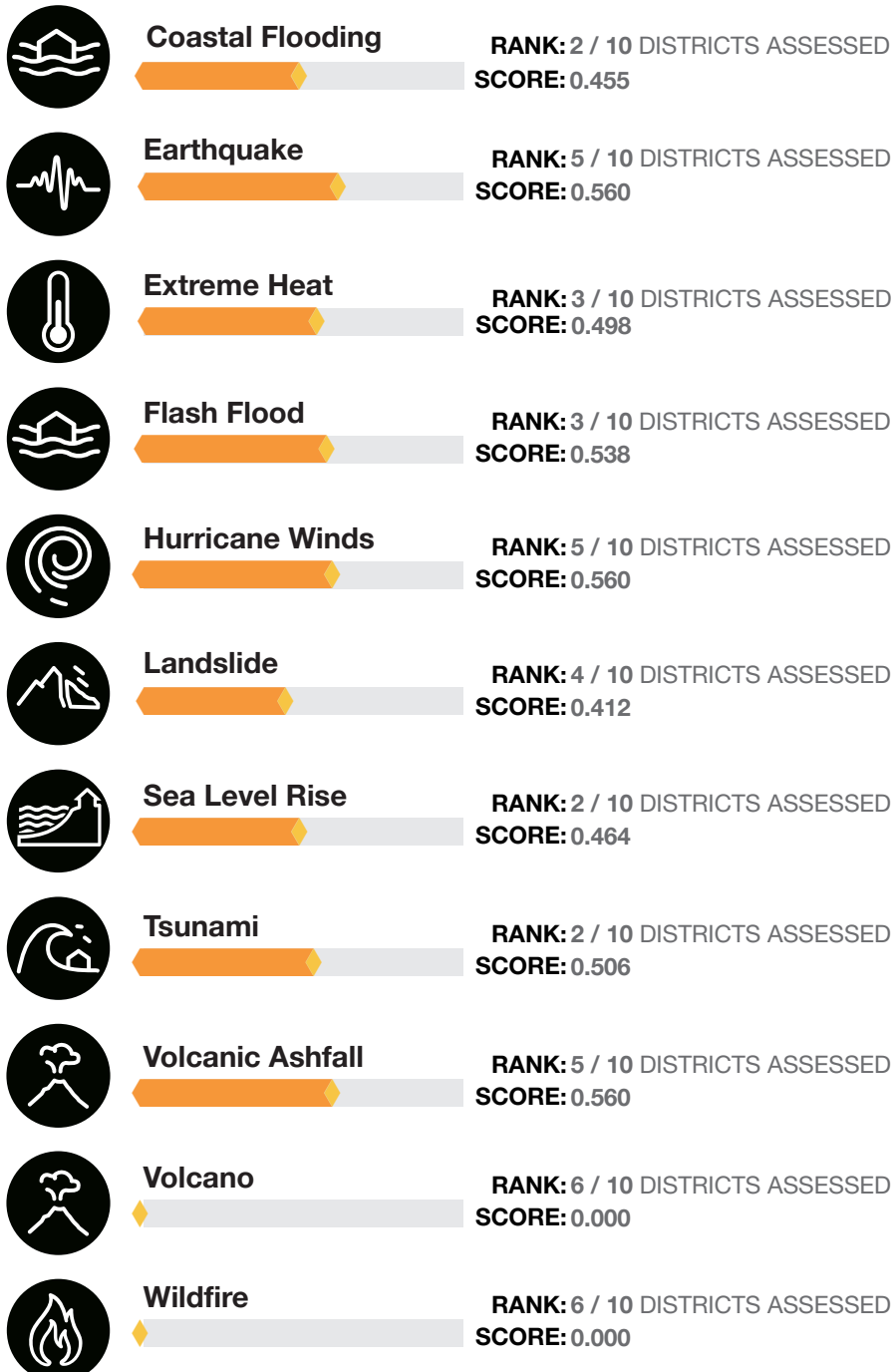
Air Support

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)

Coastal Flooding

RANK: **2 / 10** DISTRICTS ASSESSED
SCORE: 0.455

Earthquake

RANK: **5 / 10** DISTRICTS ASSESSED
SCORE: 0.560

Extreme Heat

RANK: **3 / 10** DISTRICTS ASSESSED
SCORE: 0.498

Flash Flood

RANK: **3 / 10** DISTRICTS ASSESSED
SCORE: 0.538

Hurricane Winds

RANK: **5 / 10** DISTRICTS ASSESSED
SCORE: 0.560

Landslide

RANK: **4 / 10** DISTRICTS ASSESSED
SCORE: 0.412

Sea Level Rise

RANK: **2 / 10** DISTRICTS ASSESSED
SCORE: 0.464

Tsunami

RANK: **2 / 10** DISTRICTS ASSESSED
SCORE: 0.506

Volcanic Ashfall

RANK: **5 / 10** DISTRICTS ASSESSED
SCORE: 0.560

Volcano

RANK: **6 / 10** DISTRICTS ASSESSED
SCORE: 0.000

Wildfire

RANK: **6 / 10** DISTRICTS ASSESSED
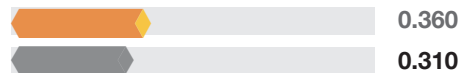SCORE: 0.000

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:
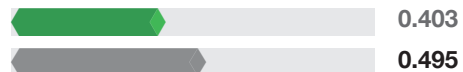
DISTRICT SCORE
COUNTRY SCORE

Multi-Hazard Exposure
0.360
0.310

Vulnerability
0.600
0.479

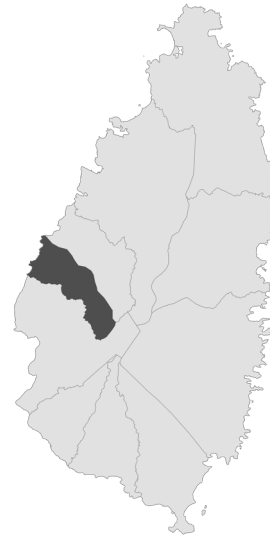### Coping Capacity
0.403
0.495

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%
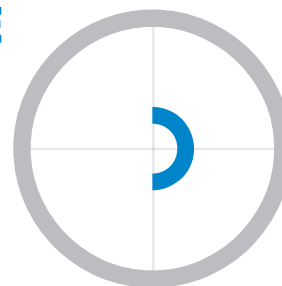
Prevalence of Chronic Illness (per 100 persons)
24.6

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 �(orange bar)━━━ 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 ▐(orange bar)━ 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%	**5.5%**	**71.9%**
Persons Receiving Remittances	Households with Home Insurance	Labor Force Participation Rate

Environmental Capacity

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

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

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%	**61.9%**
Households with Fixed Phone Access	Households with Mobile Phone Access

Emergency Services Capacity

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

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

Energy Capacity

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

82.5%	**68.2%**
Households with Electricity	Households Using Gas for Cooking

Health Care Capacity

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

39.5%	**0.0**
Persons with Health Insurance Coverage	Hospitals and Clinics per 1,000 Persons

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)

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)

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)

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.
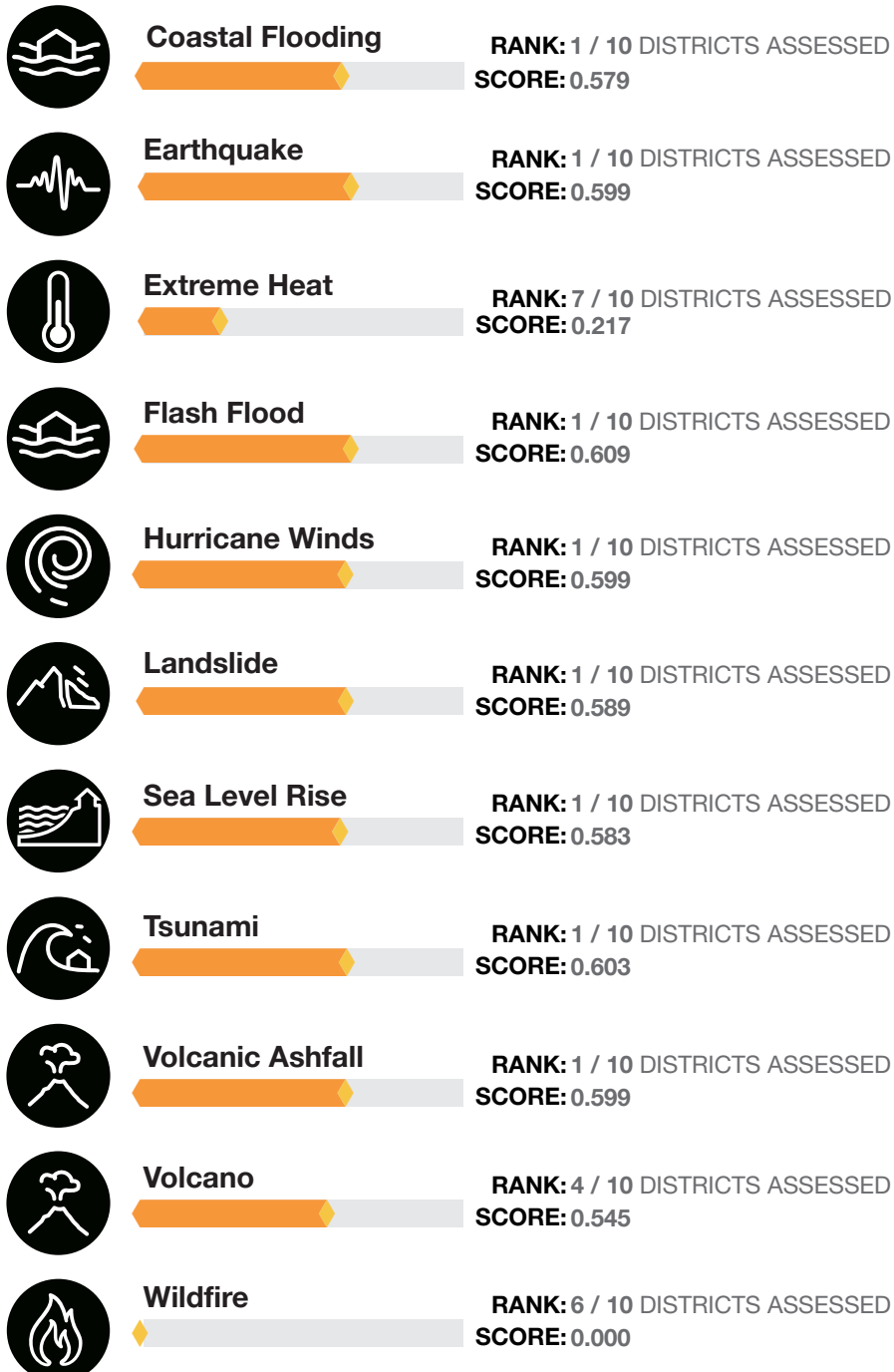
Warehouse Access

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)

Coastal Flooding

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.579

Earthquake

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.599

Extreme Heat

RANK: 7 / 10 DISTRICTS ASSESSED
SCORE: 0.217

Flash Flood

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.609

Hurricane Winds

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.599

Landslide

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.589

Sea Level Rise

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.583

Tsunami

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.603

Volcanic Ashfall

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.599

Volcano

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.545

Wildfire

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.000

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
0.500
0.310

Vulnerability
0.675
0.479

Coping Capacity
0.240
0.495

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ST. LUCIA

CASTRIES

NDPBA SUBNATIONAL PROFILE

PDC | GLOBAL

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%	**39.5%**	**27.4%**	**86.1%**	**52.7%**
Net Primary Enrollment	Highest Education Level Primary School	Households with Desktop Computer	Households with TV	Population with No Internet Access

Economic Constraints

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

48.4	**18.1%**	**19.2%**
Economic Dependency Ratio	Unemployment Rate	Poverty Rate

Gender Inequality

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

44.06	**0.05**	**0.36**	**0.11**
Adolescent Birth Rate	Female to Male Literacy	Female to Male Secondary Enrollment	Female to Male Labor Ratio

Housing and Transportation Vulnerability

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

54.4%	**70.3%**	**4.8%**
Housing Built Prior to 2000	Households without a Private Vehicle	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%	**21.0%**	**77.4%**
Persons Receiving Remittances	Households with Home Insurance	Labor Force Participation Rate

Environmental Capacity

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

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

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%	**84.0%**
Households with Fixed Phone Access	Households with Mobile Phone Access

Emergency Services Capacity

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

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

Energy Capacity

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

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

Health Care Capacity

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

64.4%	**0.3**
Persons with Health Insurance Coverage	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.

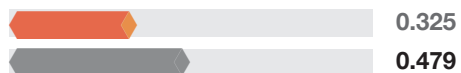**Multi-Hazard Risk component scores compared to overall average country scores:**

▬▬▬▬ DISTRICT SCORE
▬▬▬▬ COUNTRY SCORE

Multi-Hazard Exposure

0.735
0.310

Vulnerability

0.325
0.479

Coping Capacity

0.687
0.495

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ST. LUCIA

CHOISEUL

NDPBA SUBNATIONAL PROFILE

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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%	**40.3%**	**17.2%**	**80.0%**	**67.2%**
Net Primary Enrollment	Highest Education Level Primary School	Households with Desktop Computer	Households with TV	Population with No Internet Access

Economic Constraints

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

60.1	**26.5%**	**16.9%**
Economic Dependency Ratio	Unemployment Rate	Poverty Rate

Gender Inequality

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

31.14	**0.05**	**0.44**	**0.13**
Adolescent Birth Rate	Female to Male Literacy	Female to Male Secondary Enrollment	Female to Male Labor Ratio

Housing and Transportation Vulnerability

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

69.0%	**74.0%**	**0.9%**
Housing Built Prior to 2000	Households without a Private Vehicle	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%	**8.0%**	**70.7%**
Persons Receiving Remittances	Households with Home Insurance	Labor Force Participation Rate

Environmental Capacity

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

0.1%	**-9.5**	**36.0%**	**38.8%**
Croplands	Net Carbon Flux	Protected Terrestrial Area	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%	**74.2%**
Households with Fixed Phone Access	Households with Mobile Phone Access

Emergency Services Capacity

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

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

Energy Capacity

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

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

Health Care Capacity

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

49.5%	**0.8**
Persons with Health Insurance Coverage	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.
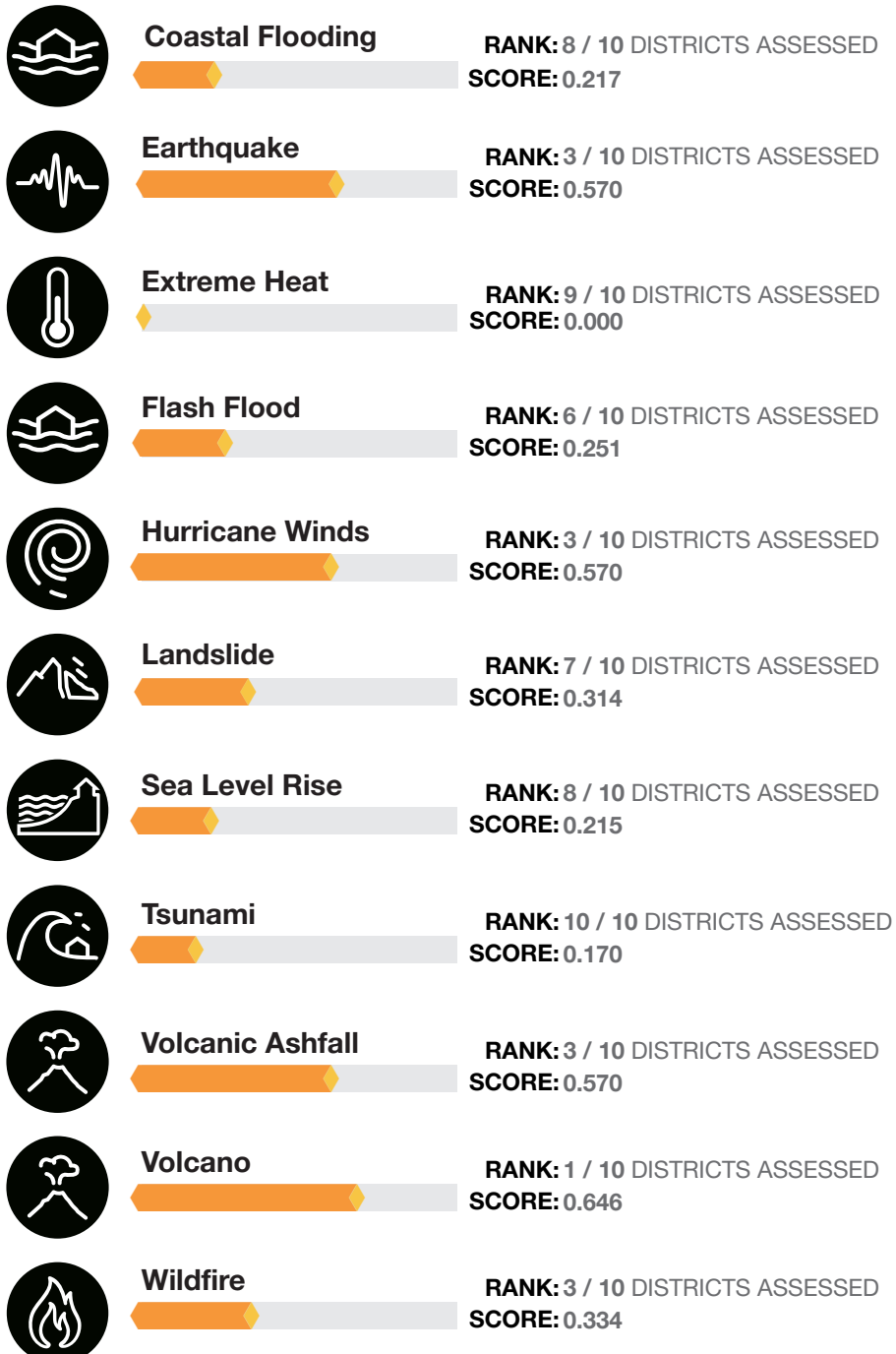
Maritime Logistics

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

0.125

0.310

Vulnerability

0.595

0.479

Coping Capacity

0.373

0.495
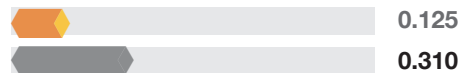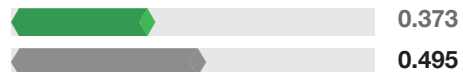
ST. LUCIA

DENNERY

NDPBA SUBNATIONAL PROFILE

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ST. LUCIA
DENNERY

Area: 69.70 km2
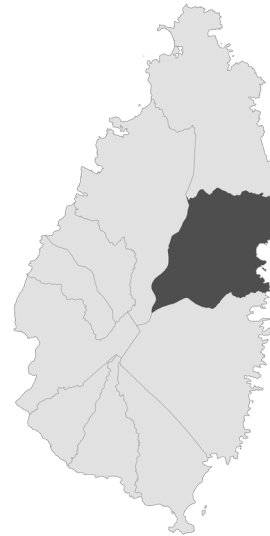
RISK AND VULNERABILITY
COMPONENT SCORE

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 Dennery 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

Dennery 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%	**7.9%**	**71.9%**
Persons Receiving Remittances	Households with Home Insurance	Labor Force Participation Rate

Environmental Capacity

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

0.8%	**-28.1**	**43.8%**	**100.0%**
Croplands	Net Carbon Flux	Protected Terrestrial Area	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%	**76.0%**
Households with Fixed Phone Access	Households with Mobile Phone Access

Emergency Services Capacity

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

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

Energy Capacity

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

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

Health Care Capacity

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

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

LOGISTICS CAPACITY (LC)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.690

Dennery 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

Dennery'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.
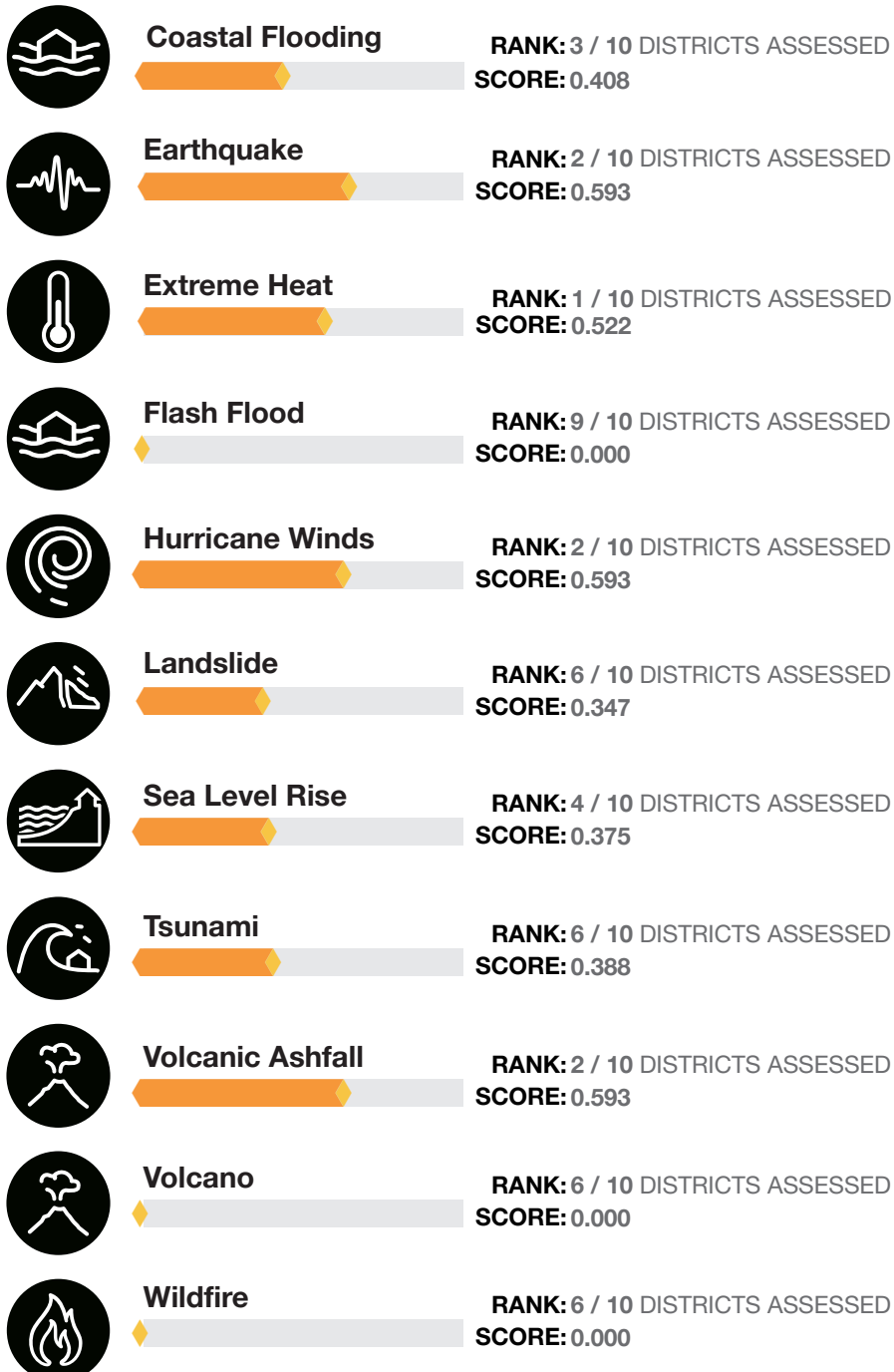
Maritime Logistics

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)

Coastal Flooding

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.408

Earthquake

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.593

Extreme Heat

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.522

Flash Flood

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.000

Hurricane Winds

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.593

Landslide

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.347

Sea Level Rise

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.375

Tsunami

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.388

Volcanic Ashfall

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.593

Volcano

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.000

Wildfire

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.000

MULTI-HAZARD RISK (MHR)

5 / 10
RANK AMONG DISTRICTS
Score: 0.435

Dennery'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

0.106
0.310

Vulnerability

0.637
0.479

Coping Capacity

0.438
0.495
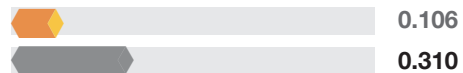
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ST. LUCIA

GROS ISLET

NDPBA SUBNATIONAL PROFILE

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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%	**28.2%**	**33.2%**	**88.2%**	**37.0%**
Net Primary Enrollment	Highest Education Level Primary School	Households with Desktop Computer	Households with TV	Population with No Internet Access

Economic Constraints

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

44.6	**17.1%**	**11.8%**
Economic Dependency Ratio	Unemployment Rate	Poverty Rate

Gender Inequality

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

21.20	**0.02**	**0.01**	**0.17**
Adolescent Birth Rate	Female to Male Literacy	Female to Male Secondary Enrollment	Female to Male Labor Ratio

Housing and Transportation Vulnerability

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

49.1%	**50.9%**	**1.2%**
Housing Built Prior to 2000	Households without a Private Vehicle	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

0.569
0.310

Vulnerability

0.069
0.479

Coping Capacity

0.760
0.495
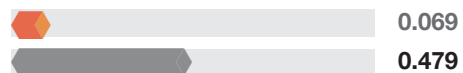
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Area: 37.81 km2
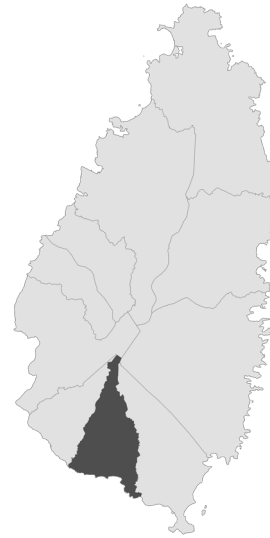
RISK AND VULNERABILITY
COMPONENT SCORE

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
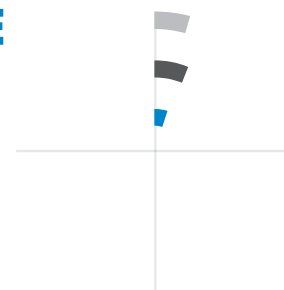
MHE
0.047

Raw MHE
0.055

Relative MHE
0.040

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%**

DISTRICT PROFILE

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%	**53.3%**	**20.5%**	**84.5%**	**60.1%**
Net Primary Enrollment	Highest Education Level Primary School	Households with Desktop Computer	Households with TV	Population with No Internet Access

Economic Constraints

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

52.0	**36.8%**	**23.4%**
Economic Dependency Ratio	Unemployment Rate	Poverty Rate

Gender Inequality

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

18.75	**0.03**	**0.31**	**0.14**
Adolescent Birth Rate	Female to Male Literacy	Female to Male Secondary Enrollment	Female to Male Labor Ratio

Housing and Transportation Vulnerability

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

62.3%	**72.9%**	**8.1%**
Housing Built Prior to 2000	Households without a Private Vehicle	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	**26.6**	**19.4**	**10.5%**	**23.0%**
Infant Mortality Rate (per 1,000 live births)	Prevalence of Chronic Illness (per 100 persons)	Prevalence of Disability (per 100 persons)	Population Age 65 and Over	Population Under Age 15

Clean Water Access Vulnerability

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

72%	**63%**
Households with Piped Drinking Water	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%	**12.5%**	**71.2%**
Persons Receiving Remittances	Households with Home Insurance	Labor Force Participation Rate

Environmental Capacity

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

0.4%	**-14.5**	**29.0%**	**86.9%**
Croplands	Net Carbon Flux	Protected Terrestrial Area	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%	**82.5%**
Households with Fixed Phone Access	Households with Mobile Phone Access

Emergency Services Capacity

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

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

Energy Capacity

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

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

Health Care Capacity

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

50.7%	**0.2**
Persons with Health Insurance Coverage	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

0.047
0.310

Vulnerability

0.449
0.479

Coping Capacity

0.486
0.495
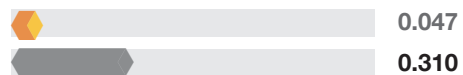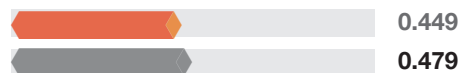
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ST. LUCIA

MICOUD

NDPBA SUBNATIONAL PROFILE

ST. LUCIA
MICOUD

Area: 77.70 km2
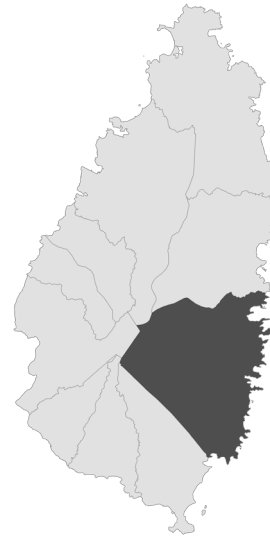
RISK AND VULNERABILITY
COMPONENT SCORE

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
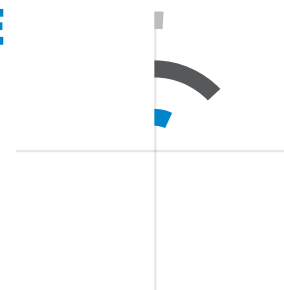
MHE
0.073

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.
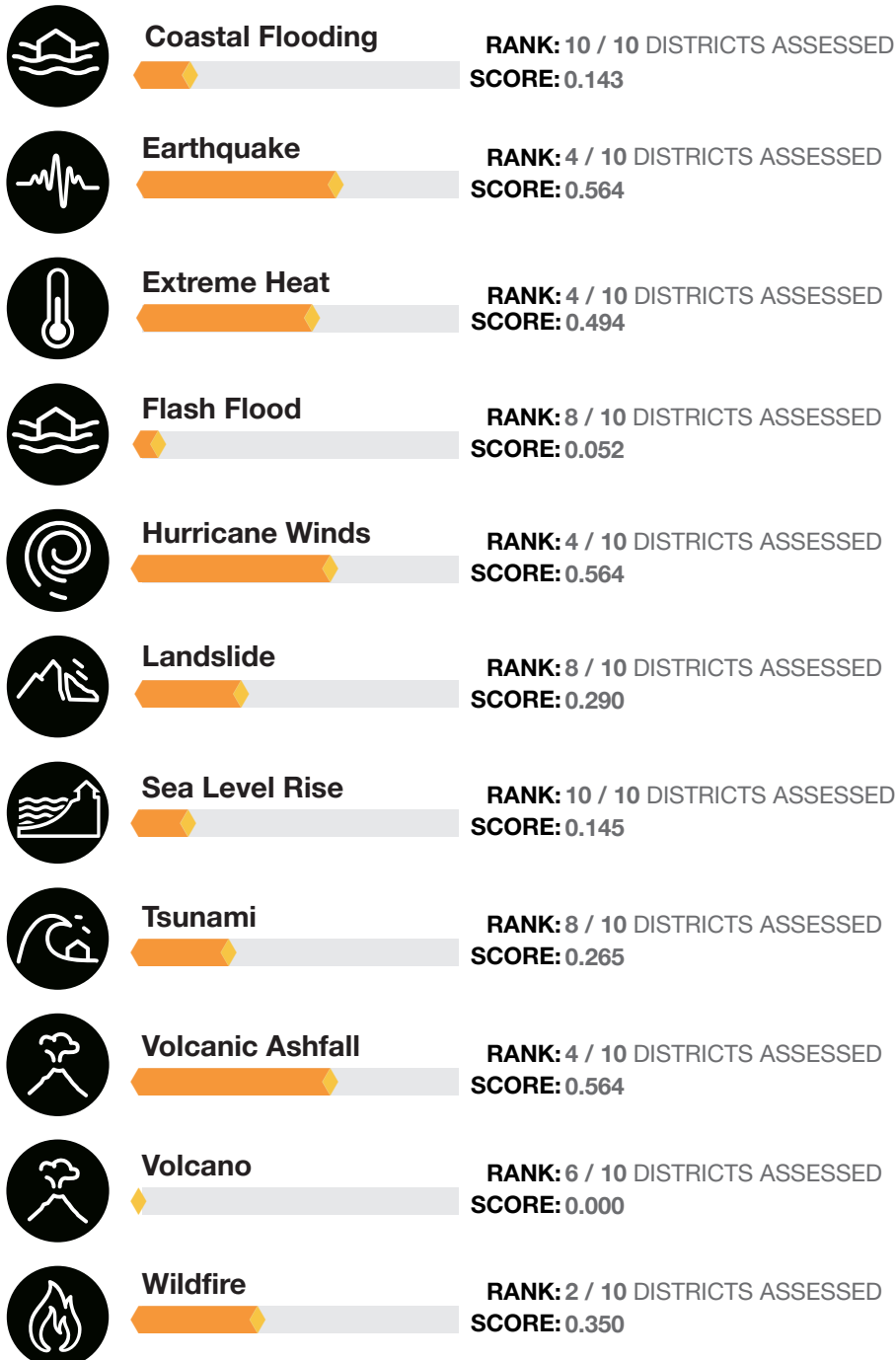
Air Support

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.
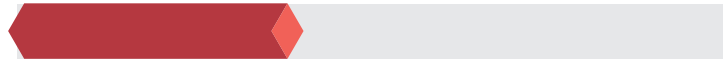
HAZARD-SPECIFIC RISK (HSR)

Coastal Flooding

RANK: **10 / 10** DISTRICTS ASSESSED
SCORE: **0.143**

Earthquake

RANK: **4 / 10** DISTRICTS ASSESSED
SCORE: **0.564**

Extreme Heat

RANK: **4 / 10** DISTRICTS ASSESSED
SCORE: **0.494**

Flash Flood

RANK: **8 / 10** DISTRICTS ASSESSED
SCORE: **0.052**

Hurricane Winds

RANK: **4 / 10** DISTRICTS ASSESSED
SCORE: **0.564**

Landslide

RANK: **8 / 10** DISTRICTS ASSESSED
SCORE: **0.290**

Sea Level Rise

RANK: **10 / 10** DISTRICTS ASSESSED
SCORE: **0.145**

Tsunami

RANK: **8 / 10** DISTRICTS ASSESSED
SCORE: **0.265**

Volcanic Ashfall

RANK: **4 / 10** DISTRICTS ASSESSED
SCORE: **0.564**

Volcano

RANK: **6 / 10** DISTRICTS ASSESSED
SCORE: **0.000**

Wildfire

RANK: **2 / 10** DISTRICTS ASSESSED
SCORE: **0.350**

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

0.073
0.310

Vulnerability

0.514
0.479

Coping Capacity

0.441
0.495
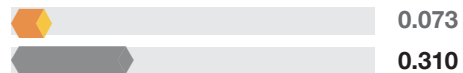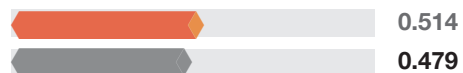
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ST. LUCIA

SOUFRIÈRE

NDPBA SUBNATIONAL PROFILE

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ST. LUCIA
SOUFRIÈRE

Area: 50.51 km2
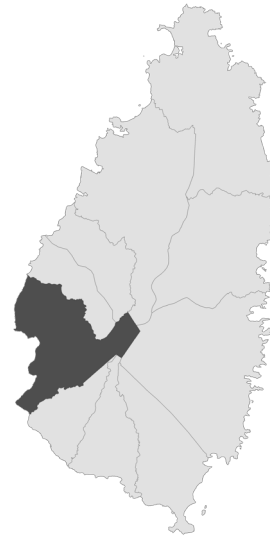
RISK AND VULNERABILITY
COMPONENT SCORE

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
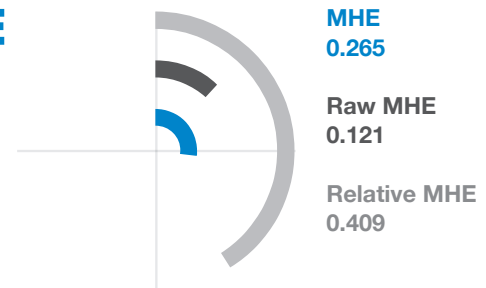
ESTIMATED EXPOSURE TO EACH HAZARD:

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

Environmental Capacity

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

0.0%	**-12.8**	**98.9%**	**100.0%**
Croplands	Net Carbon Flux	Protected Terrestrial Area	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%	**78.0%**
Households with Fixed Phone Access	Households with Mobile Phone Access

Emergency Services Capacity

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

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

Energy Capacity

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

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

Health Care Capacity

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

49.0%	**0.7**
Persons with Health Insurance Coverage	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.
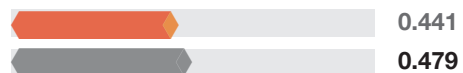
Multi-Hazard Risk component scores compared to overall average country scores:
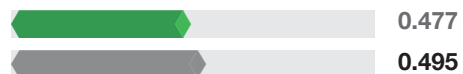
DISTRICT SCORE
COUNTRY SCORE

Multi-Hazard Exposure

0.265
0.310

Vulnerability

0.441
0.479

Coping Capacity

0.477
0.495
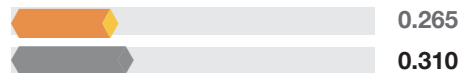
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ST. LUCIA

VIEUX FORT

NDPBA SUBNATIONAL PROFILE

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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

MHE
0.315

Raw MHE
0.324

Relative MHE
0.305
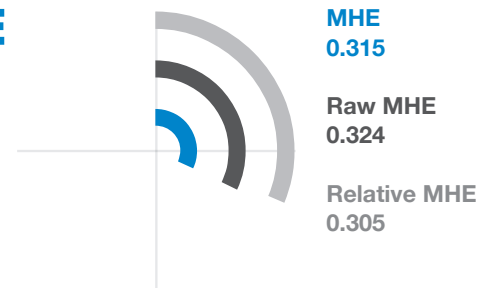
ESTIMATED EXPOSURE TO EACH HAZARD:

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

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

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)

Energy Capacity

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

93.1%
Households with Electricity

91.8%
Households Using Gas for Cooking

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

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)

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)

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)

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)

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

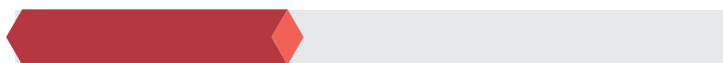RANK: **1 / 10** DISTRICTS ASSESSED
SCORE: **0.648**

MULTI-HAZARD RISK (MHR)
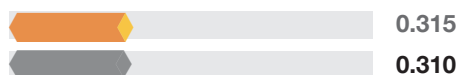
7 / 10
RANK AMONG DISTRICTS
Score: 0.385

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:
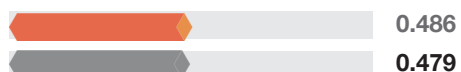
DISTRICT SCORE
COUNTRY SCORE

Multi-Hazard Exposure

0.315
0.310

Vulnerability

0.486
0.479

Coping Capacity

0.647
0.495

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