



ST. LUCIA

CANARIES

NDPBA SUBNATIONAL PROFILE

ST. LUCIA CANARIES

Area: 24.29 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very High

Score: 0.645 • Rank: 1/10



RESILIENCE (R)

- Very Low

Score: 0.282 • Rank: 10/10



MULTI-HAZARD EXPOSURE (MHE)

- High

Score: 0.500 • Rank: 3/10



VULNERABILITY (V)

- Very High

Score: 0.675 • Rank: 1/10



COPING CAPACITY (CC)

- Very Low

Score: 0.240 • Rank: 10/10



Population (2010 Census)

2,097



Net Primary Enrollment

54.4%



Prevalence of Chronic
Illness (per 100 persons)

24.6



Poverty Rate

38.0%



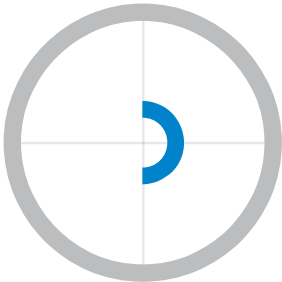
Population with No
Internet Access

66.8%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.500



MHE
0.500

Raw MHE
0.000

Relative MHE
1.000

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

11%

205

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



Hurricane Winds

100%

1,830

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



Earthquake

100%

1,830

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



Landslide

42%

772

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



Extreme Heat

21%

382

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



Sea Level Rise

10%

191

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



Flash Flood

100%

1,830

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



Tsunami

26%

483

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

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.500

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

1,830

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

57%

1,050

Buildings Exposed: **73%**

Critical Infrastructure Exposed: **92%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.675

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



Information Access Vulnerability

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

54.4%
Net Primary Enrollment

56.8%
Highest Education Level Primary School

12.2%
Households with Desktop Computer

70.0%
Households with TV

66.8%
Population with No Internet Access



Economic Constraints

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

54.0
Economic Dependency Ratio

32.8%
Unemployment Rate

38.0%
Poverty Rate



Gender Inequality

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

44.44
Adolescent Birth Rate

0.04
Female to Male Literacy

0.01
Female to Male Secondary Enrollment

0.28
Female to Male Labor Ratio



Housing and Transportation Vulnerability

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

46.1%
Housing Built Prior to 2000

86.1%
Households without a Private Vehicle

1.8%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 1 / 10 DISTRICTS ASSESSED
SCORE: 0.675



Household Composition and Vulnerable Health

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

0.0

Infant Mortality Rate (per 1,000 live births)

24.6

Prevalence of Chronic Illness (per 100 persons)

30.9

Prevalence of Disability (per 100 persons)

10.1%

Population Age 65 and Over

23.8%

Population Under Age 15



Clean Water Access Vulnerability

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

51%

Households with Piped Drinking Water

44%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.240

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



Economic Capacity

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

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

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

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

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



Communications Capacity

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

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

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

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

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

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

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

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

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.485

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



Maritime Logistics

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

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

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

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

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

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

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

14.7 Average Distance to Warehouse (km)	170.8 Distance to CDEMA Sub-Regional Focal Point (km)
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COPING CAPACITY (CC)

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

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.240



RESILIENCE (R)

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

RANK: 10 / 10 DISTRICTS ASSESSED
SCORE: 0.282

KEY FACTORS INFLUENCING RESILIENCE

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

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



Clean Water Access Vulnerability

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



Information Access Vulnerability

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



Transportation Capacity

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

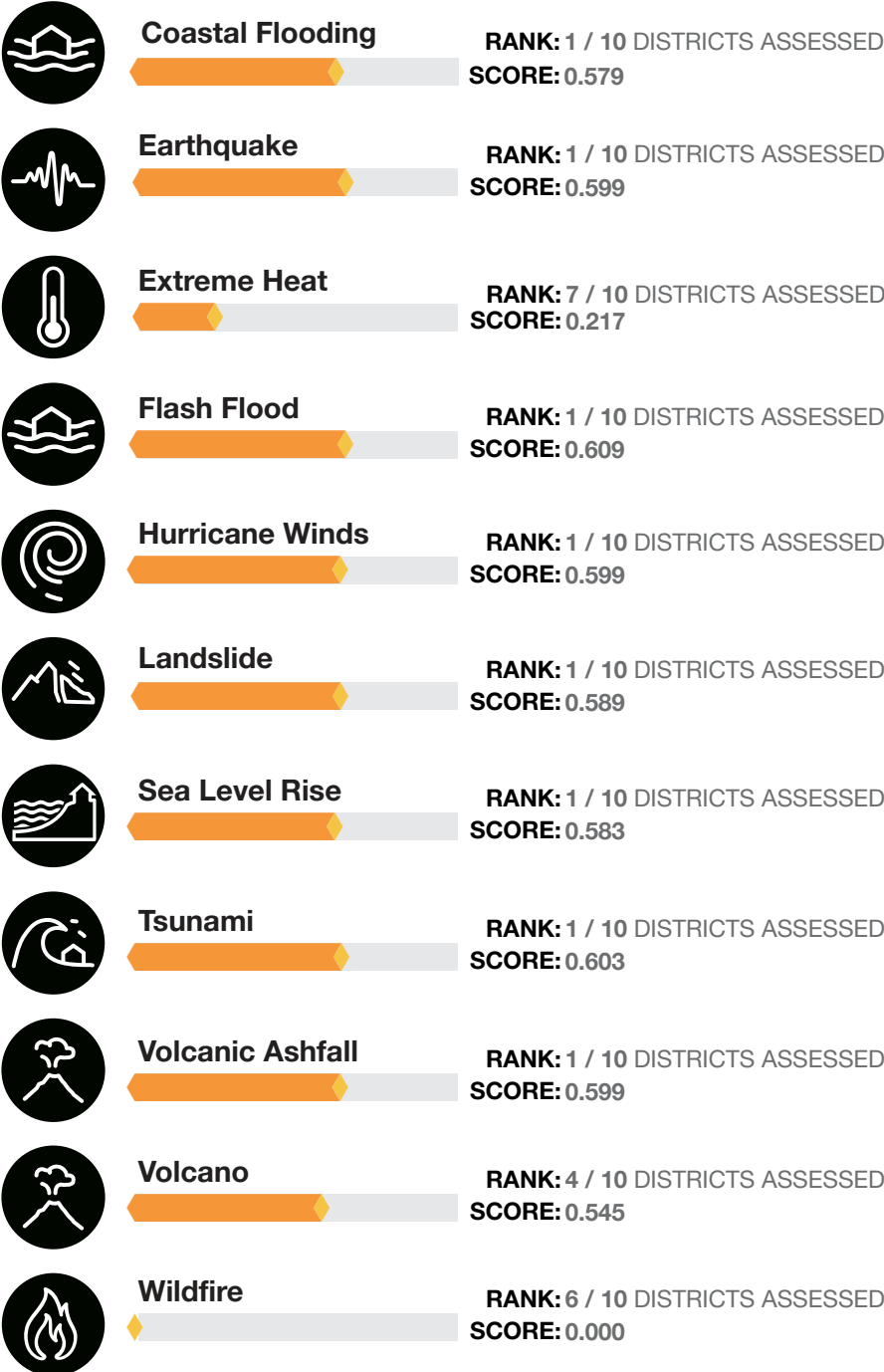


Warehouse Access

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



HAZARD-SPECIFIC RISK (HSR)





MULTI-HAZARD RISK (MHR)

1 / 10

RANK AMONG DISTRICTS
Score: 0.645



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

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

DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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