



ST. LUCIA

# VIEUX FORT

NDPBA SUBNATIONAL PROFILE

# ST. LUCIA VIEUX FORT

Area: 43.80 km<sup>2</sup>



## RISK AND VULNERABILITY COMPONENT SCORE



### MULTI-HAZARD RISK (MHR)

- Low

Score: 0.385 • Rank: 7/10



### RESILIENCE (R)

- High

Score: 0.581 • Rank: 3/10



### MULTI-HAZARD EXPOSURE (MHE)

- Moderate

Score: 0.315 • Rank: 5/10



### VULNERABILITY (V)

- Moderate

Score: 0.486 • Rank: 6/10



### COPING CAPACITY (CC)

- High

Score: 0.647 • Rank: 3/10



Population (2010 Census)

**17,349**



Net Primary Enrollment

**51.8%**



Prevalence of Chronic Illness (per 100 persons)

**23.6**



Poverty Rate

**34.6%**



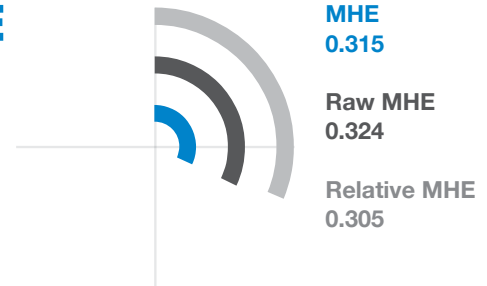
Population with No Internet Access

**55.9%**



## MULTI-HAZARD EXPOSURE (MHE)

RANK: 5 / 10 DISTRICTS ASSESSED  
SCORE: 0.315



### ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

**1%**

👤 214

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **13%**



Hurricane Winds

**100%**

👤 15,200

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

**100%**

👤 15,200

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

**5%**

👤 730

Buildings Exposed: **6%**

Critical Infrastructure Exposed: **8%**



Extreme Heat

**38%**

👤 5,770

Buildings Exposed: **37%**

Critical Infrastructure Exposed: **61%**



Sea Level Rise

**1%**

👤 188

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **13%**



Flash Flood

**0%**

👤 0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Tsunami

**14%**

👤 2,080

Buildings Exposed: **17%**

Critical Infrastructure Exposed: **40%**

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



## MULTI-HAZARD EXPOSURE (MHE)

RANK: 5 / 10 DISTRICTS ASSESSED  
SCORE: 0.315

### ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

**100%**

**15,200**

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

**78%**

**11,800**

Buildings Exposed: **77%**

Critical Infrastructure Exposed: **79%**



Wildfire

**11%**

**1,620**

Buildings Exposed: **12%**

Critical Infrastructure Exposed: **25%**



## VULNERABILITY (V)

**RANK: 6 / 10 DISTRICTS ASSESSED**  
**SCORE: 0.486**

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



### Information Access Vulnerability

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

**51.8%**  
Net Primary  
Enrollment

**46.1%**  
Highest  
Education  
Level Primary  
School

**21.9%**  
Households  
with Desktop  
Computer

**85.0%**  
Households  
with TV

**55.9%**  
Population  
with No  
Internet  
Access



### Economic Constraints

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

**52.4**  
Economic  
Dependency  
Ratio

**38.2%**  
Unemployment  
Rate

**34.6%**  
Poverty Rate



### Gender Inequality

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

**38.41**  
Adolescent  
Birth Rate

**0.02**  
Female to  
Male Literacy

**0.10**  
Female  
to Male  
Secondary  
Enrollment

**0.21**  
Female to  
Male Labor  
Ratio



### Housing and Transportation Vulnerability

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

**52.4%**  
Housing Built  
Prior to 2000

**70.4%**  
Households  
without a  
Private Vehicle

**26.6%**  
Household  
Occupancy  
Squatting



## VULNERABILITY (V)

RANK: 6 / 10 DISTRICTS ASSESSED  
SCORE: 0.486



### Household Composition and Vulnerable Health

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

**35.8**

Infant Mortality Rate (per 1,000 live births)

**23.6**

Prevalence of Chronic Illness (per 100 persons)

**13.8**

Prevalence of Disability (per 100 persons)

**7.6%**

Population Age 65 and Over

**26.0%**

Population Under Age 15



### Clean Water Access Vulnerability

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

**72%**

Households with Piped Drinking Water

**66%**

Households with Flush Toilet



## ISLAND CAPACITY (IC)

**RANK: 3 / 10 DISTRICTS ASSESSED**  
**SCORE: 0.647**

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



### Economic Capacity

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

<b>5.9%</b> Persons Receiving Remittances	<b>15.2%</b> Households with Home Insurance	<b>75.7%</b> Labor Force Participation Rate
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### Environmental Capacity

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

<b>1.4%</b> Croplands	<b>-14.0</b> Net Carbon Flux	<b>15.7%</b> Protected Terrestrial Area	<b>74.6%</b> Protected Coastlines
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### Infrastructure Capacity

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



#### Communications Capacity

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

<b>37.7%</b> Households with Fixed Phone Access	<b>83.2%</b> Households with Mobile Phone Access
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#### Emergency Services Capacity

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

<b>0.6</b> Average Distance to Shelter (km)	<b>0.8</b> Average Distance to Hospital or Clinic (km)	<b>2.6</b> Average Distance to Fire Station (km)	<b>2.9</b> Average Distance to Police Station (km)
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#### Energy Capacity

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

<b>93.1%</b> Households with Electricity	<b>91.8%</b> Households Using Gas for Cooking
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#### Health Care Capacity

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

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

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

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



## Maritime Logistics

0  1 **SCORE: 0.355** **RANK: 6/10 DISTRICTS ASSESSED**

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

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

<b>64.6</b> Distance to External C130 Airport (km)	<b>3.1</b> Average Distance to Airport or Heliport (km)
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## Transportation Capacity

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

<b>0.7</b> Gas Stations per 1,000 Persons	<b>3.8</b> Road Density (km of roads per sq km)
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## Warehouse Access

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

<b>30.5</b> Average Distance to Warehouse (km)	<b>156.8</b> Distance to CDEMA Sub-Regional Focal Point (km)
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## COPING CAPACITY (CC)

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

**RANK: 3 / 10** DISTRICTS ASSESSED  
**SCORE: 0.647**



## RESILIENCE (R)

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

**RANK: 3 / 10** DISTRICTS ASSESSED  
**SCORE: 0.581**

## KEY FACTORS INFLUENCING RESILIENCE

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

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



### Economic Constraints

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



### Information Access Vulnerability

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



### Maritime Logistics

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



### Warehouse Access

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



# HAZARD-SPECIFIC RISK (HSR)



**Coastal Flooding** RANK: 6 / 10 DISTRICTS ASSESSED  
SCORE: 0.272



**Earthquake** RANK: 7 / 10 DISTRICTS ASSESSED  
SCORE: 0.537



**Extreme Heat** RANK: 5 / 10 DISTRICTS ASSESSED  
SCORE: 0.369



**Flash Flood** RANK: 9 / 10 DISTRICTS ASSESSED  
SCORE: 0.000



**Hurricane Winds** RANK: 7 / 10 DISTRICTS ASSESSED  
SCORE: 0.537



**Landslide** RANK: 10 / 10 DISTRICTS ASSESSED  
SCORE: 0.125



**Sea Level Rise** RANK: 6 / 10 DISTRICTS ASSESSED  
SCORE: 0.273



**Tsunami** RANK: 5 / 10 DISTRICTS ASSESSED  
SCORE: 0.405



**Volcanic Ashfall** RANK: 7 / 10 DISTRICTS ASSESSED  
SCORE: 0.537



**Volcano** RANK: 2 / 10 DISTRICTS ASSESSED  
SCORE: 0.611



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



## MULTI-HAZARD RISK (MHR)

7 / 10

RANK AMONG DISTRICTS  
Score: 0.385



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

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

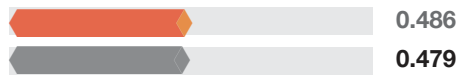
 DISTRICT SCORE  
 COUNTRY SCORE



#### Multi-Hazard Exposure



#### Vulnerability



#### Coping Capacity



**Better solutions.  
Fewer disasters.**

# Safer world.

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