



ST. LUCIA

ANSE LA RAYE

NDPBA SUBNATIONAL PROFILE

ST. LUCIA ANSE LA RAYE

Area: 32.14 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very High

Score: 0.519 • Rank: 2/10



RESILIENCE (R)

- Low

Score: 0.401 • Rank: 7/10



MULTI-HAZARD EXPOSURE (MHE)

- High

Score: 0.360 • Rank: 4/10



VULNERABILITY (V)

- High

Score: 0.600 • Rank: 3/10



COPING CAPACITY (CC)

- Low

Score: 0.403 • Rank: 8/10



Population (2010 Census)

6,632



Net Primary Enrollment

54.9%



Prevalence of Chronic Illness (per 100 persons)

20.0



Poverty Rate

38.0%



Population with No Internet Access

64.6%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.360



MHE
0.360

Raw MHE
0.048

Relative MHE
0.671

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

4%

👤 191

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



Hurricane Winds

100%

👤 5,400

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



Earthquake

100%

👤 5,400

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



Landslide

29%

👤 1,540

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



Extreme Heat

72%

👤 3,890

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



Sea Level Rise

4%

👤 189

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



Flash Flood

87%

👤 4,710

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



Tsunami

17%

👤 926

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

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 10 DISTRICTS ASSESSED
SCORE: 0.360

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

5,400

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.600

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



Information Access Vulnerability

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

54.9%
Net Primary Enrollment

56.8%
Highest Education Level Primary School

17.9%
Households with Desktop Computer

78.7%
Households with TV

64.6%
Population with No Internet Access



Economic Constraints

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

57.7
Economic Dependency Ratio

32.8%
Unemployment Rate

38.0%
Poverty Rate



Gender Inequality

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

46.43
Adolescent Birth Rate

0.04
Female to Male Literacy

0.01
Female to Male Secondary Enrollment

0.28
Female to Male Labor Ratio



Housing and Transportation Vulnerability

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

58.4%
Housing Built Prior to 2000

78.1%
Households without a Private Vehicle

1.0%
Household Occupancy Squatting



VULNERABILITY (V)

RANK: 3 / 10 DISTRICTS ASSESSED
SCORE: 0.600



Household Composition and Vulnerable Health

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

0.0

Infant Mortality Rate (per 1,000 live births)

20.0

Prevalence of Chronic Illness (per 100 persons)

15.8

Prevalence of Disability (per 100 persons)

8.3%

Population Age 65 and Over

27.4%

Population Under Age 15



Clean Water Access Vulnerability

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

64%

Households with Piped Drinking Water

48%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 8 / 10 DISTRICTS ASSESSED
SCORE: 0.403

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



Economic Capacity

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

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



Environmental Capacity

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

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



Infrastructure Capacity

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



Communications Capacity

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

28.9% Households with Fixed Phone Access	72.6% Households with Mobile Phone Access
--	---



Emergency Services Capacity

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

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



Energy Capacity

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

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



Health Care Capacity

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

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



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



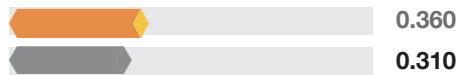
Anse La Raye's score and ranking are due to High Multi-Hazard Exposure combined with High Vulnerability and Low Coping Capacity scores.

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

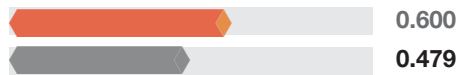
DISTRICT SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

**1305 N. Holocono Street | P: (808) 891-0525
Suite 2, Kihei, HI 96753 | F: (808) 891-0526**



@PDC_Global



/PDCGlobal



www.pdc.org



ndpba.eci@pdc.org