



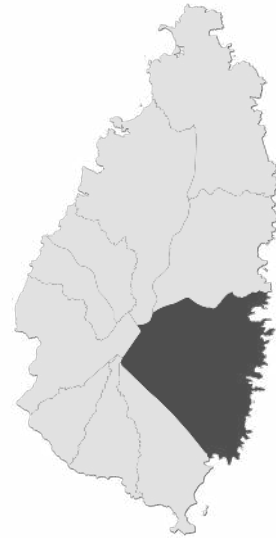
ST. LUCIA

MICOD

NDPBA SUBNATIONAL PROFILE

ST. LUCIA MICOUD

Area: 77.70 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Low

Score: 0.382 • Rank: 8/10



RESILIENCE (R)

- Moderate

Score: 0.464 • Rank: 6/10



MULTI-HAZARD EXPOSURE (MHE)

- Very Low

Score: 0.073 • Rank: 9/10



VULNERABILITY (V)

- Moderate

Score: 0.514 • Rank: 5/10



COPING CAPACITY (CC)

- Moderate

Score: 0.441 • Rank: 6/10



Population (2010 Census)

17,169



Net Primary Enrollment

68.5%



Prevalence of Chronic
Illness (per 100 persons)

23.1



Poverty Rate

31.2%



Population with No

Internet Access

59.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.073



MHE
0.073

Raw MHE
0.133

Relative MHE
0.013

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

<1%

61

Buildings Exposed: 1%
Critical Infrastructure Exposed: 10%



Hurricane Winds

100%

13,600

Buildings Exposed: 100%
Critical Infrastructure Exposed: 100%



Earthquake

100%

13,600

Buildings Exposed: 100%
Critical Infrastructure Exposed: 100%



Landslide

9%

1,200

Buildings Exposed: 11%
Critical Infrastructure Exposed: 23%



Extreme Heat

63%

8,610

Buildings Exposed: 79%
Critical Infrastructure Exposed: 73%



Sea Level Rise

<1%

54

Buildings Exposed: 1%
Critical Infrastructure Exposed: 10%



Flash Flood

<1%

3

Buildings Exposed: 0%
Critical Infrastructure Exposed: 3%



Tsunami

6%

773

Buildings Exposed: 12%
Critical Infrastructure Exposed: 22%

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 9 / 10 DISTRICTS ASSESSED
SCORE: 0.073

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcanic Ashfall

100%

13,600

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

5%

651

Buildings Exposed: **3%**

Critical Infrastructure Exposed: **<1%**



VULNERABILITY (V)

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.514

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



Information Access Vulnerability

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

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



Economic Constraints

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

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



Gender Inequality

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

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



Housing and Transportation Vulnerability

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

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



VULNERABILITY (V)

RANK: 5 / 10 DISTRICTS ASSESSED
SCORE: 0.514



Household Composition and Vulnerable Health

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

4.8

Infant Mortality Rate (per 1,000 live births)

23.1

Prevalence of Chronic Illness (per 100 persons)

18.9

Prevalence of Disability (per 100 persons)

9.4%

Population Age 65 and Over

25.0%

Population Under Age 15



Clean Water Access Vulnerability

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

63%

Households with Piped Drinking Water

60%

Households with Flush Toilet



ISLAND CAPACITY (IC)

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.441

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



Economic Capacity

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

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



Environmental Capacity

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

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



Infrastructure Capacity

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



Communications Capacity

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

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



Emergency Services Capacity

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

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



Energy Capacity

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

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



Health Care Capacity

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

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



LOGISTICS CAPACITY (LC)

RANK: 2 / 10 DISTRICTS ASSESSED
SCORE: 0.665

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



Maritime Logistics

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

4.3

Average Distance to Seaport (km)

79.9

Distance to External Medium or Large Seaport (km)

0.02

Port Density (ports per km of coastline)



Air Support

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

71.5

Distance to External C130 Airport (km)

10.9

Average Distance to Airport or Heliport (km)



Transportation Capacity

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

0.3

Gas Stations per 1,000 Persons

2.1

Road Density (km of roads per sq km)



Warehouse Access

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

24.0

Average Distance to Warehouse (km)

156.4

Distance to CDEMA Sub-Regional Focal Point (km)



COPING CAPACITY (CC)

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

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.441



RESILIENCE (R)

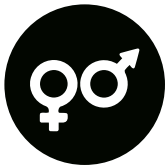
Resilience in St. Lucia was calculated by using a combination of Vulnerability and Coping Capacity (including both Island Capacity and Logistics Capacity).

RANK: 6 / 10 DISTRICTS ASSESSED
SCORE: 0.464

KEY FACTORS INFLUENCING RESILIENCE

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

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



Gender Inequality

Marginalized populations are less likely to have their needs met under pre-disaster conditions, and therefore become even more susceptible to harm during times of disaster. Increase gender-based inclusion in all phases of DM, ensuring the implementation at subnational and local levels. Courses of action must recognize the role of women in society and support changes to policies and programs to promote gender-equal access.



Clean Water Access Vulnerability

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



Maritime Logistics

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



Air Support

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



HAZARD-SPECIFIC RISK (HSR)

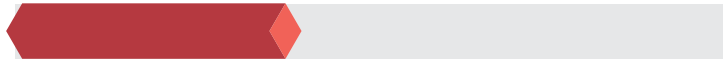
| | | |
|--|-------------------------|--|
| | Coastal Flooding | RANK: 10 / 10 DISTRICTS ASSESSED SCORE: 0.143 |
| | Earthquake | RANK: 4 / 10 DISTRICTS ASSESSED SCORE: 0.564 |
| | Extreme Heat | RANK: 4 / 10 DISTRICTS ASSESSED SCORE: 0.494 |
| | Flash Flood | RANK: 8 / 10 DISTRICTS ASSESSED SCORE: 0.052 |
| | 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



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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