



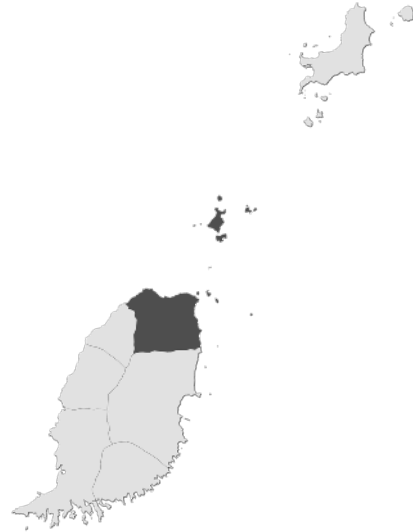
GRENADA

SAINT PATRICK

NDPBA SUBNATIONAL PROFILE

GRENADA SAINT PATRICK

Area: 42 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Low
Score: 0.476 • Rank: 5/7



RESILIENCE (R)

- Very Low
Score: 0.329 • Rank: 7/7



MULTI-HAZARD EXPOSURE (MHE)

- Very Low
Score: 0.085 • Rank: 7/7



VULNERABILITY (V)

- Very High
Score: 0.673 • Rank: 1/7



COPING CAPACITY (CC)

- Very Low
Score: 0.330 • Rank: 6/7



Household Population
(2011 Census)

10,461



Prevalence of Chronic
Illness (per 100 persons)

26.5



Unemployment Rate

32.2%



Adults without Secondary
Education

48.6%



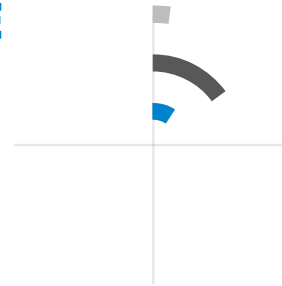
Population with No
Internet Access

67.4%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 7 / 7 ASSESSED
SCORE: 0.085



MHE
0.085

Raw MHE
0.148

Relative MHE
0.022

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

1%

👤 175

Buildings Exposed: **3%**

Critical Infrastructure Exposed: **21%**



Hurricane Winds

100%

👤 12,700

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 12,700

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

15%

👤 1,950

Buildings Exposed: **22%**

Critical Infrastructure Exposed: **42%**



Extreme Heat

0%

👤 25

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Sea Level Rise

1%

👤 134

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **11%**



Flash Flood

8%

👤 997

Buildings Exposed: **9%**

Critical Infrastructure Exposed: **31%**



Tsunami

5%

👤 588

Buildings Exposed: **6%**

Critical Infrastructure Exposed: **25%**

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 7 / 7 ASSESSED
SCORE: 0.085

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcano

19%

2,450

Buildings Exposed: **19%**

Critical Infrastructure Exposed: **17%**



Wildfire

3%

337

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **2%**



VULNERABILITY (V)

RANK: 1 / 7 ASSESSED
SCORE: 0.673

Vulnerability in Saint Patrick 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: 0.917** **RANK: 1/7 ASSESSED**

96.7% School Attendance Rate (children ages 5 to 16)	48.6% Adults without Secondary Education	23.0% Household Computer Access	67.4% Population with No Internet Access
--	--	---	--



Economic Constraints

0  1 **SCORE: 0.676** **RANK: 3/7 ASSESSED**

34.8 Economic Dependency Ratio	32.2% Unemployment Rate	19.7% Youth Bulge (population ages 15-24)
--	-----------------------------------	---



Environmental Stress

0  1 **SCORE: 0.670** **RANK: 4/7 ASSESSED**

62.5% Coastline Exposure to Local or Global Threats	5.5% Tree Cover Loss
---	--------------------------------



Gender Inequality

0  1 **SCORE: 0.896** **RANK: 1/7 ASSESSED**

0.18 Female to Male Labor Ratio	0.28 Parity in Secondary Education Attainment
---	---



VULNERABILITY (V)

RANK: 1 / 7 ASSESSED
SCORE: 0.673



Household Infrastructure Vulnerability

0  1 SCORE: 0.638 RANK: 4/7 ASSESSED

34.5%
Housing Built
Prior to 2000

53.2%
Households
with Indoor
Toilets

72.3%
Households
with Improved
Sanitation

71.0%
Households
with Treated
Water



Household Composition and Vulnerable Health

0  1 SCORE: 0.629 RANK: 2/7 ASSESSED

18.1
Prevalence of
Disability (per
100 persons)

26.5
Prevalence of
Chronic Illness
(per 100
persons)

12.8%
Population
Age 65 and
Over

22.0%
Population
Under Age 15



Population Pressures

0  1 SCORE: 0.283 RANK: 3/7 ASSESSED

1.0%
Average Annual
Population
Change

250.1
Population
Density
(persons per
sq km)



ISLAND CAPACITY (IC)

RANK: 6 / 7 ASSESSED
SCORE: 0.239

Saint Patrick exhibits weaker Island Capacity in the areas of Communications Capacity and Energy Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Economic Capacity

0 1 **SCORE: 0.024** **RANK: 7/7 ASSESSED**

61.1% Labor Force Participation Rate	13.4% Households with Home Insurance	7.1% Household Content Insured (percent of households)
--	--	--



Environmental Capacity

0 1 **SCORE: 0.324** **RANK: 5/7 ASSESSED**

0.03% Croplands	-14.7 Net Carbon Flux	15.2% Protected Terrestrial Area	75.3% Protected Coastlines
---------------------------	------------------------------------	---	---



Governance Capacity

0 1 **SCORE: 0.203** **RANK: 7/7 ASSESSED**

3.3% Prevalence of Crime	97.3% Household Waste Disposal	70.6% Voter Participation Rate
---------------------------------------	--	--



ISLAND CAPACITY (IC)

RANK: 6 / 7 ASSESSED
SCORE: 0.239



Infrastructure Capacity

0  1 **SCORE: 0.323** **RANK: 6/7 ASSESSED**



Communications Capacity

0  1 **SCORE: 0.168** **RANK: 7/7 ASSESSED**

50.2%

Households with Fixed Phones

61.7%

Households with Mobile Phones



Emergency Services Capacity

0  1 **SCORE: 0.749** **RANK: 2/7 ASSESSED**

2.7

Average Distance to Fire Station (km)

1.1

Average Distance to Hospital or Clinic (km)

1.7

Average Distance to Police Station (km)

1.1

Average Distance to Shelter (km)



Energy Capacity

0  1 **SCORE: 0.170** **RANK: 6/7 ASSESSED**

86.4%

Household Electricity Access

85.5%

Households Using Gas for Cooking



Health Care Capacity

0  1 **SCORE: 0.205** **RANK: 5/7 ASSESSED**

53.1%

Health Insurance Coverage

0.39

Hospitals and Clinics per 1,000 Persons



LOGISTICS CAPACITY (LC)

RANK: 6 / 7 ASSESSED
SCORE: 0.421

Saint Patrick 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: 0.338** **RANK: 6/7 ASSESSED**

3.1 Average Distance to Seaport (km)	168.0 Distance to External Medium or Large Seaport (km)	0.2 Port Density (ports per 10km of coastline)
--	---	---



Air Support

0  1 **SCORE: 0.261** **RANK: 5/7 ASSESSED**

47.6 Distance to External C130 Airport (km)	28.1 Average Distance to Airport or Heliport (km)
---	--



Transportation Capacity

0  1 **SCORE: 0.461** **RANK: 3/7 ASSESSED**

0.2 Gas Stations per 1,000 Persons	2.7 Road Density (km of roads per sq km)
--	--



Warehouse Access

0  1 **SCORE: 0.626** **RANK: 6/7 ASSESSED**

20.8 Average Distance to Warehouse (km)	168.0 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 Grenada was calculated by using a combination of Island Capacity and Logistics Capacity.

RANK: 6 / 7 ASSESSED
SCORE: 0.330



RESILIENCE (R)

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

RANK: 7 / 7 ASSESSED
SCORE: 0.329

KEY FACTORS INFLUENCING RESILIENCE

Saint Patrick'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:



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.



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.

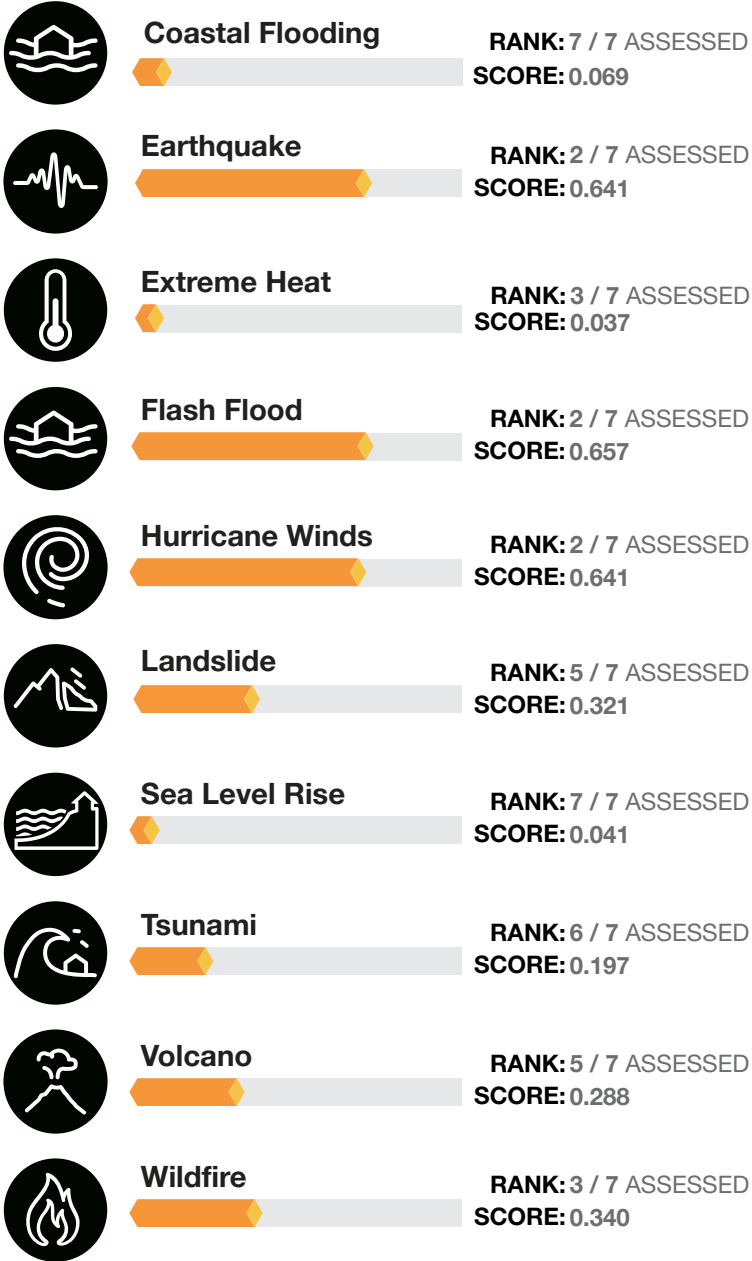


Maritime Logistics

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)





MULTI-HAZARD RISK (MHR)

5 / 7

RANK AMONG PARISHES/DEPENDENCIES
Score: 0.476



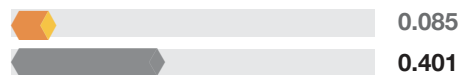
Saint Patrick's score and ranking are due to Very Low Multi-Hazard Exposure combined with Very High Vulnerability and Very Low Coping Capacity scores.

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

PARISH SCORE
COUNTRY SCORE



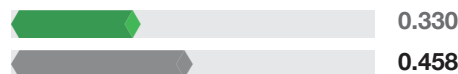
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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



@PDC_Global



/PDCGlobal



www.pdc.org



ndpba.eci@pdc.org