



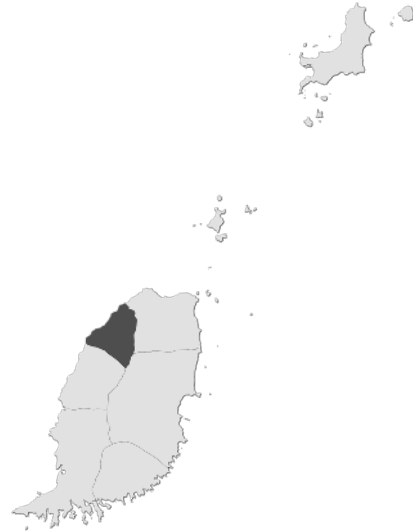
GRENADA

SAINT MARK

NDPBA SUBNATIONAL PROFILE

GRENADA SAINT MARK

Area: 25 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- High

Score: 0.542 • Rank: 2/7



RESILIENCE (R)

- Very Low

Score: 0.381 • Rank: 6/7



MULTI-HAZARD EXPOSURE (MHE)

- Low

Score: 0.386 • Rank: 5/7



VULNERABILITY (V)

- Low

Score: 0.530 • Rank: 4/7



COPING CAPACITY (CC)

- Very Low

Score: 0.291 • Rank: 7/7



Household Population
(2011 Census)

4,346



Prevalence of Chronic
Illness (per 100 persons)

23.4



Unemployment Rate

36.4%



Adults without Secondary
Education

44.5%



Population with No
Internet Access

69.6%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 5 / 7 ASSESSED
SCORE: 0.386



MHE
0.386

Raw MHE
0.000

Relative MHE
0.773

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

8%

296

Buildings Exposed: **11%**

Critical Infrastructure Exposed: **27%**



Hurricane Winds

100%

3,890

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

3,890

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

42%

1,620

Buildings Exposed: **46%**

Critical Infrastructure Exposed: **53%**



Extreme Heat

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Sea Level Rise

7%

263

Buildings Exposed: **9%**

Critical Infrastructure Exposed: **27%**



Flash Flood

3%

104

Buildings Exposed: **4%**

Critical Infrastructure Exposed: **23%**



Tsunami

14%

541

Buildings Exposed: **27%**

Critical Infrastructure Exposed: **47%**

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 5 / 7 ASSESSED
SCORE: 0.386

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcano

70%

2,730

Buildings Exposed: **74%**

Critical Infrastructure Exposed: **90%**



Wildfire

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 4 / 7 ASSESSED
SCORE: 0.530

Vulnerability in Saint Mark is primarily driven by Gender Inequality and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.689** **RANK: 4/7 ASSESSED**

97.9% School Attendance Rate (children ages 5 to 16)	44.5% Adults without Secondary Education	22.6% Household Computer Access	69.6% Population with No Internet Access
--	--	---	--



Economic Constraints

0  1 **SCORE: 0.756** **RANK: 1/7 ASSESSED**

33.3 Economic Dependency Ratio	36.4% Unemployment Rate	20.8% Youth Bulge (population ages 15-24)
--	-----------------------------------	---



Environmental Stress

0  1 **SCORE: 0.213** **RANK: 6/7 ASSESSED**

33.4% Coastline Exposure to Local or Global Threats	3.7% Tree Cover Loss
---	--------------------------------



Gender Inequality

0  1 **SCORE: 0.832** **RANK: 2/7 ASSESSED**

0.16 Female to Male Labor Ratio	0.32 Parity in Secondary Education Attainment
---	---



VULNERABILITY (V)

RANK: 4 / 7 ASSESSED
SCORE: 0.530



Household Infrastructure Vulnerability

0  1 SCORE: 0.696 RANK: 2/7 ASSESSED

36.0%
Housing Built
Prior to 2000

56.7%
Households
with Indoor
Toilets

66.8%
Households
with Improved
Sanitation

72.2%
Households
with Treated
Water



Household Composition and Vulnerable Health

0  1 SCORE: 0.412 RANK: 4/7 ASSESSED

15.1
Prevalence of
Disability (per
100 persons)

23.4
Prevalence of
Chronic Illness
(per 100
persons)

8.8%
Population
Age 65 and
Over

24.5%
Population
Under Age 15



Population Pressures

0  1 SCORE: 0.111 RANK: 7/7 ASSESSED

0.6%
Average Annual
Population
Change

176.3
Population
Density
(persons per
sq km)



ISLAND CAPACITY (IC)

RANK: 7 / 7 ASSESSED
SCORE: 0.237

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



Economic Capacity

0  1 **SCORE: 0.226** **RANK: 5/7 ASSESSED**

69.7% Labor Force Participation Rate	12.4% Households with Home Insurance	6.9% Household Content Insured (percent of households)
--	--	--



Environmental Capacity

0  1 **SCORE: 0.029** **RANK: 7/7 ASSESSED**

0.03% Croplands	-8.9 Net Carbon Flux	13.5% Protected Terrestrial Area	37.1% Protected Coastlines
---------------------------	-----------------------------------	---	---



Governance Capacity

0  1 **SCORE: 0.441** **RANK: 3/7 ASSESSED**

1.4% Prevalence of Crime	97.7% Household Waste Disposal	67.3% Voter Participation Rate
---------------------------------------	--	--



ISLAND CAPACITY (IC)

RANK: 7 / 7 ASSESSED
SCORE: 0.237



Infrastructure Capacity

0  1 SCORE: 0.246 RANK: 7/7 ASSESSED



Communications Capacity

0  1 SCORE: 0.200 RANK: 6/7 ASSESSED

42.0%

Households with Fixed Phones

69.9%

Households with Mobile Phones



Emergency Services Capacity

0  1 SCORE: 0.629 RANK: 5/7 ASSESSED

4.6

Average Distance to Fire Station (km)

0.9

Average Distance to Hospital or Clinic (km)

1.0

Average Distance to Police Station (km)

3.9

Average Distance to Shelter (km)



Energy Capacity

0  1 SCORE: 0.124 RANK: 7/7 ASSESSED

82.4%

Household Electricity Access

88.2%

Households Using Gas for Cooking



Health Care Capacity

0  1 SCORE: 0.030 RANK: 7/7 ASSESSED

52.3%

Health Insurance Coverage

0.26

Hospitals and Clinics per 1,000 Persons



LOGISTICS CAPACITY (LC)

RANK: 7 / 7 ASSESSED
SCORE: 0.345

Saint Mark 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: 0.203** **RANK: 7/7 ASSESSED**

4.0 Average Distance to Seaport (km)	166.6 Distance to External Medium or Large Seaport (km)	0.0 Port Density (ports per 10km of coastline)
--	---	---



Air Support

0 1 **SCORE: 0.204** **RANK: 7/7 ASSESSED**

64.7 Distance to External C130 Airport (km)	23.7 Average Distance to Airport or Heliport (km)
---	--



Transportation Capacity

0 1 **SCORE: 0.293** **RANK: 6/7 ASSESSED**

0.3 Gas Stations per 1,000 Persons	1.1 Road Density (km of roads per sq km)
--	--



Warehouse Access

0 1 **SCORE: 0.681** **RANK: 5/7 ASSESSED**

16.5 Average Distance to Warehouse (km)	166.6 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: 7 / 7 ASSESSED
SCORE: 0.291



RESILIENCE (R)

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

RANK: 6 / 7 ASSESSED
SCORE: 0.381

KEY FACTORS INFLUENCING RESILIENCE

Saint Mark's score and ranking are due to Low Vulnerability combined with Very Low 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.



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.



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: 3 / 7 ASSESSED
SCORE: 0.385



Earthquake RANK: 3 / 7 ASSESSED
SCORE: 0.556



Extreme Heat RANK: 4 / 7 ASSESSED
SCORE: 0.000



Flash Flood RANK: 6 / 7 ASSESSED
SCORE: 0.249



Hurricane Winds RANK: 3 / 7 ASSESSED
SCORE: 0.556



Landslide RANK: 1 / 7 ASSESSED
SCORE: 0.519



Sea Level Rise RANK: 3 / 7 ASSESSED
SCORE: 0.424



Tsunami RANK: 1 / 7 ASSESSED
SCORE: 0.558



Volcano RANK: 3 / 7 ASSESSED
SCORE: 0.521



Wildfire RANK: 7 / 7 ASSESSED
SCORE: 0.000



MULTI-HAZARD RISK (MHR)

2 / 7

RANK AMONG PARISHES/DEPENDENCIES
Score: 0.542



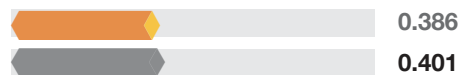
Saint Mark's score and ranking are due to Low Multi-Hazard Exposure combined with Low Vulnerability and Very Low Coping Capacity scores.

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. 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