



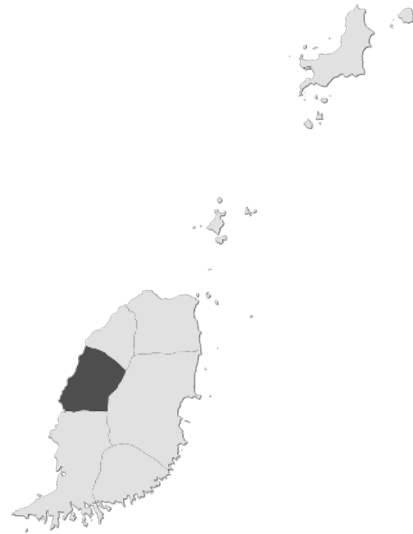
GRENADA

SAINT JOHN

NDPBA SUBNATIONAL PROFILE

GRENADA SAINT JOHN

Area: 35 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Moderate

Score: 0.503 • Rank: 3/7



RESILIENCE (R)

- Low

Score: 0.474 • Rank: 4/7



MULTI-HAZARD EXPOSURE (MHE)

- Low

Score: 0.458 • Rank: 4/7



VULNERABILITY (V)

- Low

Score: 0.475 • Rank: 5/7



COPING CAPACITY (CC)

- Low

Score: 0.424 • Rank: 5/7



Household Population
(2011 Census)

8,405



Prevalence of Chronic
Illness (per 100 persons)

27.0



Unemployment Rate

24.7%



Adults without Secondary
Education

50.4%



Population with No
Internet Access

63.8%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 7 ASSESSED
SCORE: 0.458



MHE
0.458

Raw MHE
0.104

Relative MHE
0.812

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

5%

👤 383

Buildings Exposed: **7%**

Critical Infrastructure Exposed: **38%**



Hurricane Winds

100%

👤 7,590

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 7,590

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

33%

👤 2,530

Buildings Exposed: **36%**

Critical Infrastructure Exposed: **38%**



Extreme Heat

0%

👤 0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Sea Level Rise

4%

👤 334

Buildings Exposed: **6%**

Critical Infrastructure Exposed: **38%**



Flash Flood

4%

👤 282

Buildings Exposed: **7%**

Critical Infrastructure Exposed: **13%**



Tsunami

9%

👤 649

Buildings Exposed: **14%**

Critical Infrastructure Exposed: **41%**

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 7 ASSESSED
SCORE: 0.458

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcano

100%

7,590

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Wildfire

<1%

7

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 5 / 7 ASSESSED
SCORE: 0.475

Vulnerability in Saint John 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: 0.846** **RANK: 2/7 ASSESSED**

96.7% School Attendance Rate (children ages 5 to 16)	50.4% Adults without Secondary Education	27.2% Household Computer Access	63.8% Population with No Internet Access
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Economic Constraints

0  1 **SCORE: 0.300** **RANK: 6/7 ASSESSED**

32.0 Economic Dependency Ratio	24.7% Unemployment Rate	19.4% Youth Bulge (population ages 15-24)
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Environmental Stress

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

7.1% Coastline Exposure to Local or Global Threats	3.9% Tree Cover Loss
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Gender Inequality

0  1 **SCORE: 0.724** **RANK: 4/7 ASSESSED**

0.17 Female to Male Labor Ratio	0.23 Parity in Secondary Education Attainment
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VULNERABILITY (V)

RANK: 5 / 7 ASSESSED
SCORE: 0.475



Household Infrastructure Vulnerability

0  1 SCORE: 0.588 RANK: 5/7 ASSESSED

34.1%
Housing Built
Prior to 2000

58.2%
Households
with Indoor
Toilets

73.7%
Households
with Improved
Sanitation

69.3%
Households
with Treated
Water



Household Composition and Vulnerable Health

0  1 SCORE: 0.554 RANK: 3/7 ASSESSED

18.9
Prevalence of
Disability (per
100 persons)

27.0
Prevalence of
Chronic Illness
(per 100
persons)

10.3%
Population
Age 65 and
Over

21.7%
Population
Under Age 15



Population Pressures

0  1 SCORE: 0.292 RANK: 2/7 ASSESSED

1.1%
Average Annual
Population
Change

242.0
Population
Density
(persons per
sq km)



ISLAND CAPACITY (IC)

RANK: 5 / 7 ASSESSED
SCORE: 0.350

Saint John 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: 0.233** **RANK: 4/7 ASSESSED**

68.1% Labor Force Participation Rate	14.3% Households with Home Insurance	7.4% Household Content Insured (percent of households)
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Environmental Capacity

0  1 **SCORE: 0.227** **RANK: 6/7 ASSESSED**

0.00% Croplands	-13.4 Net Carbon Flux	16.1% Protected Terrestrial Area	61.6% Protected Coastlines
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Governance Capacity

0  1 **SCORE: 0.445** **RANK: 2/7 ASSESSED**

2.6% Prevalence of Crime	98.2% Household Waste Disposal	69.5% Voter Participation Rate
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ISLAND CAPACITY (IC)

RANK: 5 / 7 ASSESSED
SCORE: 0.350



Infrastructure Capacity

0  1 SCORE: 0.422 RANK: 3/7 ASSESSED



Communications Capacity

0  1 SCORE: 0.256 RANK: 5/7 ASSESSED

45.6%
Households with Fixed Phones

69.3%
Households with Mobile Phones



Emergency Services Capacity

0  1 SCORE: 0.665 RANK: 4/7 ASSESSED

2.7
Average Distance to Fire Station (km)

1.4
Average Distance to Hospital or Clinic (km)

1.5
Average Distance to Police Station (km)

0.9
Average Distance to Shelter (km)



Energy Capacity

0  1 SCORE: 0.454 RANK: 3/7 ASSESSED

86.6%
Household Electricity Access

91.5%
Households Using Gas for Cooking



Health Care Capacity

0  1 SCORE: 0.315 RANK: 4/7 ASSESSED

53.8%
Health Insurance Coverage

0.40
Hospitals and Clinics per 1,000 Persons



LOGISTICS CAPACITY (LC)

RANK: 4 / 7 ASSESSED
SCORE: 0.498

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



Maritime Logistics

0  1 **SCORE: 0.515** **RANK: 2/7 ASSESSED**

2.8 Average Distance to Seaport (km)	162.2 Distance to External Medium or Large Seaport (km)	1.0 Port Density (ports per 10km of coastline)
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Air Support

0  1 **SCORE: 0.288** **RANK: 4/7 ASSESSED**

70.5 Distance to External C130 Airport (km)	17.1 Average Distance to Airport or Heliport (km)
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Transportation Capacity

0  1 **SCORE: 0.400** **RANK: 4/7 ASSESSED**

0.3 Gas Stations per 1,000 Persons	1.9 Road Density (km of roads per sq km)
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Warehouse Access

0  1 **SCORE: 0.788** **RANK: 4/7 ASSESSED**

10.1 Average Distance to Warehouse (km)	162.2 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 Grenada was calculated by using a combination of Island Capacity and Logistics Capacity.

RANK: 5 / 7 ASSESSED
SCORE: 0.424



RESILIENCE (R)

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

RANK: 4 / 7 ASSESSED
SCORE: 0.474

KEY FACTORS INFLUENCING RESILIENCE

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

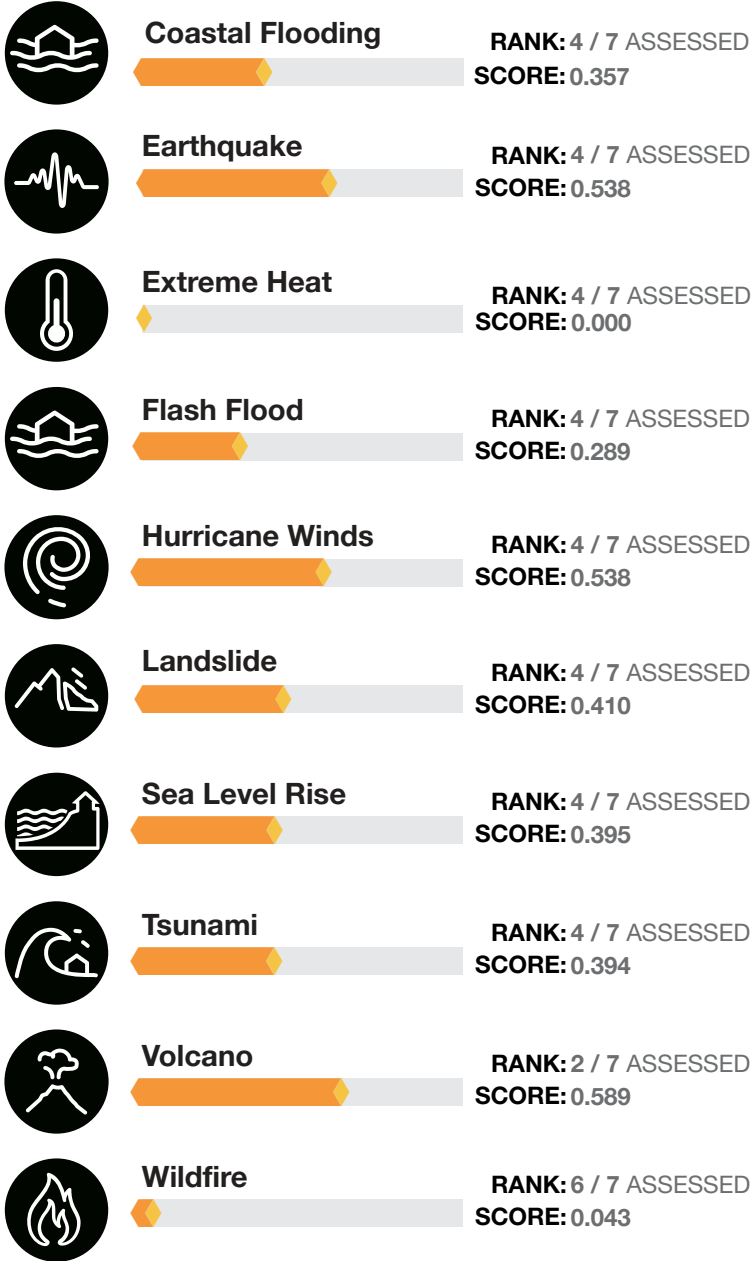


Transportation Capacity

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.



HAZARD-SPECIFIC RISK (HSR)





MULTI-HAZARD RISK (MHR)

3 / 7

RANK AMONG PARISHES/DEPENDENCIES
Score: 0.503



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

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

PARISH SCORE (Color-coded bar)
COUNTRY SCORE (Grey bar)



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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