



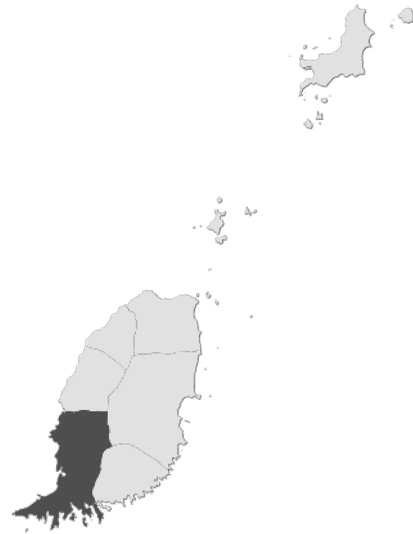
GRENADA

SAINT GEORGE

NDPBA SUBNATIONAL PROFILE

GRENADA SAINT GEORGE

Area: 65 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very Low
Score: 0.456 • Rank: 6/7



RESILIENCE (R)

- Very High
Score: 0.729 • Rank: 1/7



MULTI-HAZARD EXPOSURE (MHE)

- Very High
Score: 0.827 • Rank: 1/7



VULNERABILITY (V)

- Very Low
Score: 0.290 • Rank: 7/7



COPING CAPACITY (CC)

- Very High
Score: 0.747 • Rank: 1/7



Household Population
(2011 Census)
37,402



Prevalence of Chronic
Illness (per 100 persons)
23.6



Unemployment Rate
20.3%



Adults without Secondary
Education
38.7%



Population with No
Internet Access
53.7%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 1 / 7 ASSESSED
SCORE: 0.827



MHE
0.827

Raw MHE
1.000

Relative MHE
0.653

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

8%

2,920

Buildings Exposed: **7%**

Critical Infrastructure Exposed: **36%**



Hurricane Winds

100%

38,900

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

38,900

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

28%

11,000

Buildings Exposed: **38%**

Critical Infrastructure Exposed: **47%**



Extreme Heat

21%

8,340

Buildings Exposed: **17%**

Critical Infrastructure Exposed: **29%**



Sea Level Rise

6%

2,290

Buildings Exposed: **5%**

Critical Infrastructure Exposed: **35%**



Flash Flood

3%

1,020

Buildings Exposed: **3%**

Critical Infrastructure Exposed: **13%**



Tsunami

13%

5,060

Buildings Exposed: **11%**

Critical Infrastructure Exposed: **44%**

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 1 / 7 ASSESSED
SCORE: 0.827

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcano

43%

16,900

Buildings Exposed: **50%**

Critical Infrastructure Exposed: **64%**



Wildfire

8%

2,960

Buildings Exposed: **6%**

Critical Infrastructure Exposed: **15%**



VULNERABILITY (V)

RANK: 7 / 7 ASSESSED
SCORE: 0.290

Vulnerability in Saint George is primarily driven by Population Pressures and Environmental Stress. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.063** **RANK: 7/7 ASSESSED**

98.1%

School Attendance Rate (children ages 5 to 16)

38.7%

Adults without Secondary Education

44.2%

Household Computer Access

53.7%

Population with No Internet Access



Economic Constraints

0 1 **SCORE: 0.032** **RANK: 7/7 ASSESSED**

32.0

Economic Dependency Ratio

20.3%

Unemployment Rate

17.4%

Youth Bulge (population ages 15-24)



Environmental Stress

0 1 **SCORE: 0.375** **RANK: 5/7 ASSESSED**

45.8%

Coastline Exposure to Local or Global Threats

4.2%

Tree Cover Loss



Gender Inequality

0 1 **SCORE: 0.147** **RANK: 7/7 ASSESSED**

0.11

Female to Male Labor Ratio

0.13

Parity in Secondary Education Attainment



VULNERABILITY (V)

RANK: 7 / 7 ASSESSED
SCORE: 0.290



Household Infrastructure Vulnerability

0  1 SCORE: 0.217 RANK: 6/7 ASSESSED

30.7%

Housing Built
Prior to 2000

83.6%

Households
with Indoor
Toilets

81.1%

Households
with Improved
Sanitation

90.3%

Households
with Treated
Water



Household Composition and Vulnerable Health

0  1 SCORE: 0.196 RANK: 6/7 ASSESSED

11.4

Prevalence of
Disability (per
100 persons)

23.6

Prevalence of
Chronic Illness
(per 100
persons)

10.2%

Population
Age 65 and
Over

21.8%

Population
Under Age 15



Population Pressures

0  1 SCORE: 1.000 RANK: 1/7 ASSESSED

2.4%

Average Annual
Population
Change

588.5

Population
Density
(persons per
sq km)



ISLAND CAPACITY (IC)

RANK: 1 / 7 ASSESSED
SCORE: 0.693

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



Economic Capacity

0  1 **SCORE: 1.000** **RANK: 1/7 ASSESSED**

73.8% Labor Force Participation Rate	30.8% Households with Home Insurance	17.5% Household Content Insured (percent of households)
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Environmental Capacity

0  1 **SCORE: 0.569** **RANK: 2/7 ASSESSED**

0.10% Croplands	-18.3 Net Carbon Flux	18.7% Protected Terrestrial Area	89.7% Protected Coastlines
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Governance Capacity

0  1 **SCORE: 0.351** **RANK: 6/7 ASSESSED**

3.4% Prevalence of Crime	99.1% Household Waste Disposal	66.7% Voter Participation Rate
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ISLAND CAPACITY (IC)

RANK: 1 / 7 ASSESSED
SCORE: 0.693



Infrastructure Capacity

0  1 SCORE: 0.772 RANK: 1/7 ASSESSED



Communications Capacity

0  1 SCORE: 0.746 RANK: 1/7 ASSESSED

54.1%

Households with Fixed Phones

82.4%

Households with Mobile Phones



Emergency Services Capacity

0  1 SCORE: 0.760 RANK: 1/7 ASSESSED

3.5

Average Distance to Fire Station (km)

0.9

Average Distance to Hospital or Clinic (km)

2.1

Average Distance to Police Station (km)

0.8

Average Distance to Shelter (km)



Energy Capacity

0  1 SCORE: 0.962 RANK: 1/7 ASSESSED

93.2%

Household Electricity Access

96.4%

Households Using Gas for Cooking



Health Care Capacity

0  1 SCORE: 0.622 RANK: 2/7 ASSESSED

55.8%

Health Insurance Coverage

0.44

Hospitals and Clinics per 1,000 Persons



LOGISTICS CAPACITY (LC)

RANK: 1 / 7 ASSESSED
SCORE: 0.802

Saint George 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: 1.000** **RANK: 1/7 ASSESSED**

1.5 Average Distance to Seaport (km)	149.4 Distance to External Medium or Large Seaport (km)	2.9 Port Density (ports per 10km of coastline)
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Air Support

0  1 **SCORE: 0.454** **RANK: 2/7 ASSESSED**

76.0 Distance to External C130 Airport (km)	6.5 Average Distance to Airport or Heliport (km)
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Transportation Capacity

0  1 **SCORE: 0.754** **RANK: 1/7 ASSESSED**

0.2 Gas Stations per 1,000 Persons	5.0 Road Density (km of roads per sq km)
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Warehouse Access

0  1 **SCORE: 1.000** **RANK: 1/7 ASSESSED**

2.7 Average Distance to Warehouse (km)	149.4 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: 1 / 7 ASSESSED
SCORE: 0.747



RESILIENCE (R)

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

RANK: 1 / 7 ASSESSED
SCORE: 0.729

KEY FACTORS INFLUENCING RESILIENCE

Saint George's score and ranking are due to Very Low Vulnerability combined with Very High Coping Capacity scores.

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



Population Pressures

Rapid changes in population size and distribution can alter population vulnerability characteristics presenting planning challenges and destabilizing social, economic, and environmental systems. Increased population pressures require disaster managers to realign needs, institutional structures, and available resources to support delivery of basic resources before, during, and after an event.



Environmental Stress

Environmental stressors such as the depletion or contamination of natural resources can exacerbate natural hazards and negatively impact the health, safety, and economic security of the population.



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)



Coastal Flooding RANK: 2 / 7 ASSESSED
SCORE: 0.446



Earthquake RANK: 7 / 7 ASSESSED
SCORE: 0.521



Extreme Heat RANK: 2 / 7 ASSESSED
SCORE: 0.408



Flash Flood RANK: 3 / 7 ASSESSED
SCORE: 0.293



Hurricane Winds RANK: 7 / 7 ASSESSED
SCORE: 0.521



Landslide RANK: 3 / 7 ASSESSED
SCORE: 0.464



Sea Level Rise RANK: 2 / 7 ASSESSED
SCORE: 0.455



Tsunami RANK: 3 / 7 ASSESSED
SCORE: 0.475



Volcano RANK: 4 / 7 ASSESSED
SCORE: 0.441



Wildfire RANK: 1 / 7 ASSESSED
SCORE: 0.515



MULTI-HAZARD RISK (MHR)

6 / 7

RANK AMONG PARISHES/DEPENDENCIES
Score: 0.456



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

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