



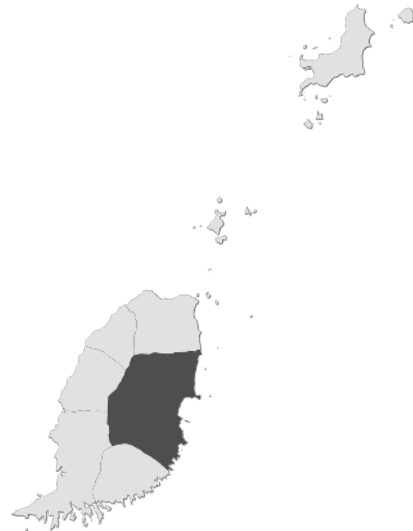
GRENADA

SAINT ANDREW

NDPBA SUBNATIONAL PROFILE

GRENADA SAINT ANDREW

Area: 99 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very High

Score: 0.557 • Rank: 1/7



RESILIENCE (R)

- Low

Score: 0.398 • Rank: 5/7



MULTI-HAZARD EXPOSURE (MHE)

- Moderate

Score: 0.467 • Rank: 3/7



VULNERABILITY (V)

- High

Score: 0.634 • Rank: 2/7



COPING CAPACITY (CC)

- Low

Score: 0.430 • Rank: 4/7



Household Population
(2011 Census)

26,434



Prevalence of Chronic
Illness (per 100 persons)

21.0



Unemployment Rate

32.7%



Adults without Secondary
Education

50.4%



Population with No
Internet Access

69.9%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 3 / 7 ASSESSED
SCORE: 0.467



MHE
0.467

Raw MHE
0.411

Relative MHE
0.523

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

4%

👤 1,100

Buildings Exposed: **5%**

Critical Infrastructure Exposed: **25%**



Hurricane Winds

100%

👤 27,800

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 27,800

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

13%

👤 3,610

Buildings Exposed: **16%**

Critical Infrastructure Exposed: **25%**



Extreme Heat

0%

👤 0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Sea Level Rise

3%

👤 875

Buildings Exposed: **4%**

Critical Infrastructure Exposed: **25%**



Flash Flood

9%

👤 2,560

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **39%**



Tsunami

9%

👤 2,560

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **51%**

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 3 / 7 ASSESSED
SCORE: 0.467

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcano

75%

20,800

Buildings Exposed: **73%**

Critical Infrastructure Exposed: **93%**



Wildfire

1%

275

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 2 / 7 ASSESSED
SCORE: 0.634

Vulnerability in Saint Andrew is primarily driven by Environmental Stress and Gender Inequality. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.750** **RANK: 3/7 ASSESSED**

98.0% School Attendance Rate (children ages 5 to 16)	50.4% Adults without Secondary Education	24.1% Household Computer Access	69.9% Population with No Internet Access
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Economic Constraints

0  1 **SCORE: 0.706** **RANK: 2/7 ASSESSED**

35.6 Economic Dependency Ratio	32.7% Unemployment Rate	19.4% Youth Bulge (population ages 15-24)
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Environmental Stress

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

68.7% Coastline Exposure to Local or Global Threats	7.8% Tree Cover Loss
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Gender Inequality

0  1 **SCORE: 0.805** **RANK: 3/7 ASSESSED**

0.19 Female to Male Labor Ratio	0.22 Parity in Secondary Education Attainment
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VULNERABILITY (V)

RANK: 2 / 7 ASSESSED
SCORE: 0.634



Household Infrastructure Vulnerability

0  1 SCORE: 0.649 RANK: 3/7 ASSESSED

30.4%
Housing Built
Prior to 2000

51.4%
Households
with Indoor
Toilets

65.9%
Households
with Improved
Sanitation

73.4%
Households
with Treated
Water



Household Composition and Vulnerable Health

0  1 SCORE: 0.401 RANK: 5/7 ASSESSED

13.7
Prevalence of
Disability (per
100 persons)

21.0
Prevalence of
Chronic Illness
(per 100
persons)

9.5%
Population
Age 65 and
Over

26.1%
Population
Under Age 15



Population Pressures

0  1 SCORE: 0.129 RANK: 6/7 ASSESSED

0.3%
Average Annual
Population
Change

267.7
Population
Density
(persons per
sq km)



ISLAND CAPACITY (IC)

RANK: 4 / 7 ASSESSED
SCORE: 0.404

Saint Andrew 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: 0.208** **RANK: 6/7 ASSESSED**

67.0% Labor Force Participation Rate	14.8% Households with Home Insurance	7.2% Household Content Insured (percent of households)
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Environmental Capacity

0  1 **SCORE: 0.726** **RANK: 1/7 ASSESSED**

0.27% Croplands	-20.5 Net Carbon Flux	22.3% Protected Terrestrial Area	68.6% Protected Coastlines
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Governance Capacity

0  1 **SCORE: 0.424** **RANK: 4/7 ASSESSED**

3.5% Prevalence of Crime	97.8% Household Waste Disposal	74.3% Voter Participation Rate
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ISLAND CAPACITY (IC)

RANK: 4 / 7 ASSESSED
SCORE: 0.404



Infrastructure Capacity

0  1 **SCORE: 0.332** **RANK: 5/7 ASSESSED**



Communications Capacity

0  1 **SCORE: 0.266** **RANK: 4/7 ASSESSED**

45.2%

Households with Fixed Phones

70.0%

Households with Mobile Phones



Emergency Services Capacity

0  1 **SCORE: 0.539** **RANK: 6/7 ASSESSED**

3.3

Average Distance to Fire Station (km)

1.3

Average Distance to Hospital or Clinic (km)

2.3

Average Distance to Police Station (km)

1.1

Average Distance to Shelter (km)



Energy Capacity

0  1 **SCORE: 0.323** **RANK: 4/7 ASSESSED**

86.4%

Household Electricity Access

88.8%

Households Using Gas for Cooking



Health Care Capacity

0  1 **SCORE: 0.201** **RANK: 6/7 ASSESSED**

53.5%

Health Insurance Coverage

0.25

Hospitals and Clinics per 1,000 Persons



LOGISTICS CAPACITY (LC)

RANK: 5 / 7 ASSESSED
SCORE: 0.455

Saint Andrew 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: 0.471** **RANK: 4/7 ASSESSED**

3.3 Average Distance to Seaport (km)	154.8 Distance to External Medium or Large Seaport (km)	0.7 Port Density (ports per 10km of coastline)
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Air Support

0  1 **SCORE: 0.247** **RANK: 6/7 ASSESSED**

64.7 Distance to External C130 Airport (km)	21.6 Average Distance to Airport or Heliport (km)
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Transportation Capacity

0  1 **SCORE: 0.269** **RANK: 7/7 ASSESSED**

0.1 Gas Stations per 1,000 Persons	2.3 Road Density (km of roads per sq km)
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Warehouse Access

0  1 **SCORE: 0.831** **RANK: 3/7 ASSESSED**

14.7 Average Distance to Warehouse (km)	154.8 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: 4 / 7 ASSESSED
SCORE: 0.430



RESILIENCE (R)

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

RANK: 5 / 7 ASSESSED
SCORE: 0.398

KEY FACTORS INFLUENCING RESILIENCE

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

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



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.



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)



Coastal Flooding RANK: 5 / 7 ASSESSED
SCORE: 0.355



Earthquake RANK: 1 / 7 ASSESSED
SCORE: 0.661



Extreme Heat RANK: 4 / 7 ASSESSED
SCORE: 0.000



Flash Flood RANK: 1 / 7 ASSESSED
SCORE: 0.767



Hurricane Winds RANK: 1 / 7 ASSESSED
SCORE: 0.661



Landslide RANK: 6 / 7 ASSESSED
SCORE: 0.191



Sea Level Rise RANK: 5 / 7 ASSESSED
SCORE: 0.391



Tsunami RANK: 2 / 7 ASSESSED
SCORE: 0.521



Volcano RANK: 1 / 7 ASSESSED
SCORE: 0.675



Wildfire RANK: 5 / 7 ASSESSED
SCORE: 0.212



MULTI-HAZARD RISK (MHR)

1 / 7

RANK AMONG PARISHES/DEPENDENCIES
Score: 0.557



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

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

█ █ PARISH SCORE
█ COUNTRY SCORE



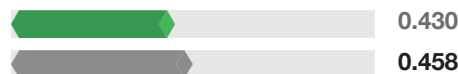
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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