



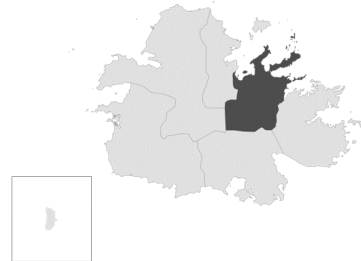
ANTIGUA & BARBUDA

SAINT PETER

NDPBA SUBNATIONAL PROFILE

ANTIGUA & BARBUDA SAINT PETER

Area: 33.02 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very Low
Score: 0.343 • Rank: 6/8



RESILIENCE (R)

- Low
Score: 0.563 • Rank: 5/8



MULTI-HAZARD EXPOSURE (MHE)

- Low
Score: 0.156 • Rank: 5/8



VULNERABILITY (V)

- Moderate
Score: 0.376 • Rank: 3/8



COPING CAPACITY (CC)

- Very Low
Score: 0.502 • Rank: 6/8



Population (2011 Census)
5,317



Prevalence of Chronic Illness
33.2%



Unemployment Rate
14.5%



Population with Unmet Housing Need
10.5%

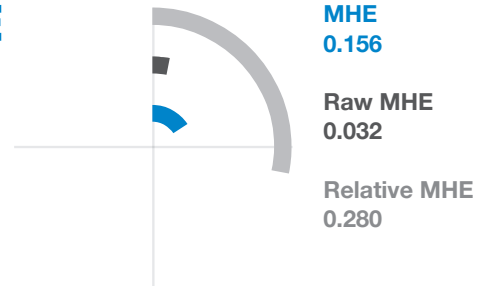


Households with Internet Access
32.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 5 / 8 ASSESSED
SCORE: 0.156



ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

2%

👤 70

Buildings Exposed: **4%**

Critical Infrastructure Exposed: **22%**



Hurricane Winds

100%

👤 4,130

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

👤 4,130

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

7%

👤 291

Buildings Exposed: **6%**

Critical Infrastructure Exposed: **0%**



Extreme Heat

100%

👤 4,130

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Sea Level Rise

9%

👤 369

Buildings Exposed: **3%**

Critical Infrastructure Exposed: **11%**



Flood

23%

👤 949

Buildings Exposed: **27%**

Critical Infrastructure Exposed: **14%**



Tsunami

9%

👤 369

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **44%**

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 5 / 8 ASSESSED
SCORE: 0.156

ESTIMATED EXPOSURE TO EACH HAZARD *(CONTINUED)*:



Wildfire

16%

676

Buildings Exposed: **13%**

Critical Infrastructure Exposed: **11%**



VULNERABILITY (V)

RANK: 3 / 8 ASSESSED
SCORE: 0.376

Vulnerability in Saint Peter is primarily driven by Environmental Stress and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.453** **RANK: 6/8 ASSESSED**

12.0% Highest Education Primary School	71.9% Households without Desktop Computer Access	32.3% Households with Internet Access	76.4% Households with Television Access	66.8% Households with Radio Access
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Economic Constraints

0  1 **SCORE: 0.425** **RANK: 4/8 ASSESSED**

0.46 Economic Dependency Ratio	65.5% Labor Force Participation Rate	4.5% Population Receiving Remittances	14.5% Unemployment Rate
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Environmental Stress

0  1 **SCORE: 0.669** **RANK: 3/8 ASSESSED**

43.2% Coastline Exposure to Local or Global Threats	15.0% Tree Cover Loss
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Gender Inequality

0  1 **SCORE: 0.286** **RANK: 4/8 ASSESSED**

0.05 Female to Male Labor Ratio	0.22 Female to Male Secondary Education Attainment
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VULNERABILITY (V)

RANK: 3 / 8 ASSESSED
SCORE: 0.376



Housing and Transportation Vulnerability

0  1 SCORE: 0.416 RANK: 4/8 ASSESSED

65.3%

Housing Built
Prior to 2000

5.4%

Household
Overcrowding

37.1%

Households
without Private
Vehicle

10.5%

Population
with Unmet
Housing Need



Household Composition and Vulnerable Health

0  1 SCORE: 0.168 RANK: 5/8 ASSESSED

2.64

Prevalence of
Disability (per
100 persons)

33.2%

Prevalence of
Chronic Illness
(per 100
persons)

7.0%

Population
Age 65 and
Over

24.5%

Population
Under Age 15



Population Pressures

0  1 SCORE: 0.213 RANK: 6/8 ASSESSED

0.8%

Average Annual
Population
Change

161.0

Population
Density
(persons per
sq km)



ISLAND CAPACITY (IC)

RANK: 6 / 8 ASSESSED
SCORE: 0.519

Saint Peter 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.



Environmental Capacity

0  1 **SCORE: 0.543** **RANK: 1/8 ASSESSED**

10.7% Croplands	-1.77 Net Carbon Flux	11.0% Protected Terrestrial Area	100% Protected Coastlines
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Governance Capacity

0  1 **SCORE: 0.750** **RANK: 2/8 ASSESSED**

97.2% Household Waste Disposal	4.2% Prevalence of Crime
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Infrastructure Capacity

0  1 **SCORE: 0.369** **RANK: 6/8 ASSESSED**



Communications Capacity

0  1 **SCORE: 0.498** **RANK: 5/8 ASSESSED**

37.0% Households with Fixed Phones	87.4% Households with Mobile Phones
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Emergency Services Capacity

0  1 **SCORE: 0.583** **RANK: 5/8 ASSESSED**

4.3 Average Distance to Fire Station (km)	3.4 Average Distance to Hospital or Clinic (km)	1.7 Average Distance to Police Station (km)	1.3 Average Distance to Shelter (km)
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Energy Capacity

0  1 **SCORE: 0.393** **RANK: 5/8 ASSESSED**

91.2% Household Access to Public Electricity	97.2% Households Using Gas for Cooking	8.1% Households with Generator
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Health Care Capacity

0  1 **SCORE: 0.000** **RANK: 7/8 ASSESSED**

48.7% Health Insurance Coverage	0.00 Hospitals and Clinics per 1,000 Persons
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LOGISTICS CAPACITY (LC)

RANK: 3 / 8 ASSESSED
SCORE: 0.485

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



Maritime Logistics

0  1 **SCORE: 0.629** **RANK: 4/8 ASSESSED**

3.4 Average Distance to Seaport (km)	94.6 Distance to External Medium or Large Seaport (km)	0.11 Port Density (ports per km of coastline)
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Air Support

0  1 **SCORE: 0.345** **RANK: 6/8 ASSESSED**

91.2 Distance to External C130 Airport (km)	6.2 Average Distance to Airport or Heliport (km)
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Transportation Capacity

0  1 **SCORE: 0.235** **RANK: 6/8 ASSESSED**

0.24 Gas Stations per 1,000 Persons	3.5 Road Density (km of roads per sq km)
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Warehouse Access

0  1 **SCORE: 0.730** **RANK: 4/8 ASSESSED**

9.1 Average Distance to Warehouse (km)	2.9 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 Antigua & Barbuda was calculated by using a combination of Island Capacity and Logistics Capacity.

RANK: 6 / 8 ASSESSED
SCORE: 0.502



RESILIENCE (R)

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

RANK: 5 / 8 ASSESSED
SCORE: 0.563

KEY FACTORS INFLUENCING RESILIENCE

Saint Peter's score and ranking are due to Moderate Vulnerability combined with Very 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.



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.



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.

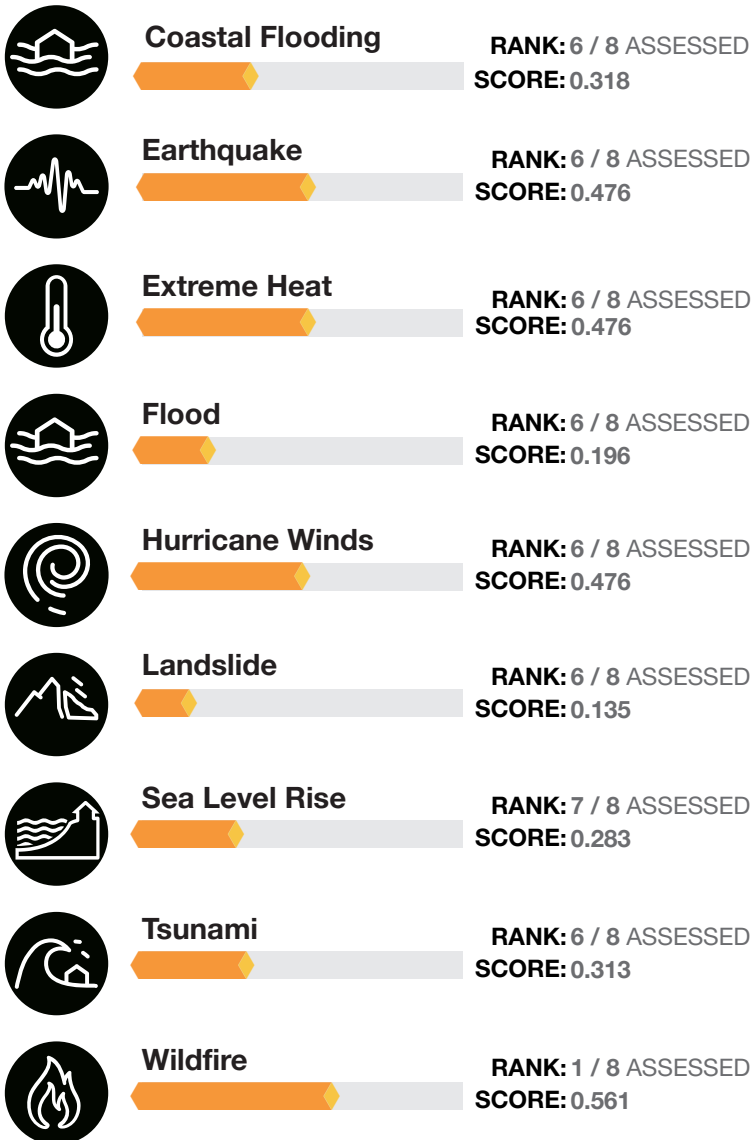


Air Support

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)





MULTI-HAZARD RISK (MHR)

6 / 8

RANK AMONG PARISHES/DEPENDENCIES
Score: 0.343



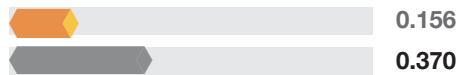
Saint Peter's score and ranking are due to Low Multi-Hazard Exposure combined with Moderate Vulnerability and Very Low Coping Capacity scores.

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

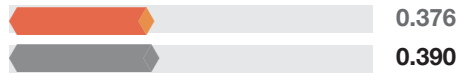
PARISH SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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



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www.pdc.org



ndpba.eci@pdc.org