



**ANTIGUA & BARBUDA**

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**SAINT PHILIP**

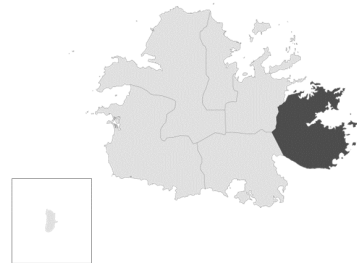
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**NDPBA SUBNATIONAL PROFILE**



# ANTIGUA & BARBUDA SAINT PHILIP

Area: 44.03 km<sup>2</sup>



## RISK AND VULNERABILITY COMPONENT SCORE



### MULTI-HAZARD RISK (MHR)

- Low  
Score: 0.355 • Rank: 5/8



### RESILIENCE (R)

- Very Low  
Score: 0.481 • Rank: 7/8



### MULTI-HAZARD EXPOSURE (MHE)

- Very Low  
Score: 0.026 • Rank: 7/8



### VULNERABILITY (V)

- Low  
Score: 0.363 • Rank: 4/8



### COPING CAPACITY (CC)

- Very Low  
Score: 0.324 • Rank: 7/8



Population (2011 Census)  
**3,322**



Prevalence of Chronic Illness  
**49.6%**



Unemployment Rate  
**7.5%**



Population with Unmet Housing Need  
**8.8%**

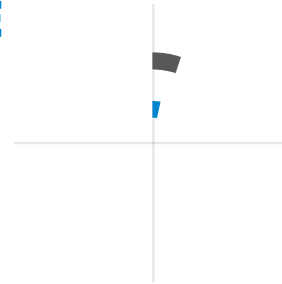


Households with Internet Access  
**36.0%**



# MULTI-HAZARD EXPOSURE (MHE)

RANK: 7 / 8 F  
SCORE: 0.026



MHE  
0.026

Raw MHE  
0.052

Relative MHE  
0.000

## ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

**4%**

👤 126

Buildings Exposed: **6%**

Critical Infrastructure Exposed: **6%**



Hurricane Winds

**100%**

👤 3,170

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

**100%**

👤 3,170

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

**4%**

👤 136

Buildings Exposed: **4%**

Critical Infrastructure Exposed: **5%**



Extreme Heat

**100%**

👤 3,170

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Sea Level Rise

**8%**

👤 249

Buildings Exposed: **5%**

Critical Infrastructure Exposed: **5%**



Flood

**1%**

👤 36

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **15%**



Tsunami

**8%**

👤 249

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **6%**

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: 7 / 8 ASSESSED  
SCORE: 0.026

### ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Wildfire

**10%**

**315**

Buildings Exposed: **7%**

Critical Infrastructure Exposed: **13%**



## VULNERABILITY (V)

**RANK: 4 / 8 ASSESSED**  
**SCORE: 0.363**

Vulnerability in Saint Philip is primarily driven by Information Access Vulnerability and Household Composition and Vulnerable Health. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### Information Access Vulnerability

0  1 **SCORE: 0.741** **RANK: 1/8 ASSESSED**

**14.9%**

Highest Education Primary School

**74.0%**

Households without Desktop Computer Access

**36.0%**

Households with Internet Access

**66.3%**

Households with Television Access

**58.2%**

Households with Radio Access



### Economic Constraints

0  1 **SCORE: 0.101** **RANK: 7/8 ASSESSED**

**0.49**

Economic Dependency Ratio

**76.5%**

Labor Force Participation Rate

**2.5%**

Population Receiving Remittances

**7.5%**

Unemployment Rate



### Environmental Stress

0  1 **SCORE: 0.299** **RANK: 4/8 ASSESSED**

**42.6%**

Coastline Exposure to Local or Global Threats

**3.8%**

Tree Cover Loss



### Gender Inequality

0  1 **SCORE: 0.512** **RANK: 3/8 ASSESSED**

**0.16**

Female to Male Labor Ratio

**0.15**

Female to Male Secondary Education Attainment



## VULNERABILITY (V)

**RANK: 4 / 8 ASSESSED**  
**SCORE: 0.363**



### Housing and Transportation Vulnerability

0  1 **SCORE: 0.258** **RANK: 6/8 ASSESSED**

**70.7%**  
Housing Built  
Prior to 2000

**2.7%**  
Household  
Overcrowding

**30.8%**  
Households  
without Private  
Vehicle

**8.8%**  
Population  
with Unmet  
Housing Need



### Household Composition and Vulnerable Health

0  1 **SCORE: 0.581** **RANK: 1/8 ASSESSED**

**3.08**  
Prevalence of  
Disability (per  
100 persons)

**49.6%**  
Prevalence of  
Chronic Illness  
(per 100  
persons)

**10.5%**  
Population  
Age 65 and  
Over

**22.6%**  
Population  
Under Age 15



### Population Pressures

0  1 **SCORE: 0.048** **RANK: 7/8 ASSESSED**

**0.3%**  
Average Annual  
Population  
Change

**75.5**  
Population  
Density  
(persons per  
sq km)



## ISLAND CAPACITY (IC)

**RANK: 7 / 8 ASSESSED**  
**SCORE: 0.254**

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



### Environmental Capacity

0 1 **SCORE: 0.275** **RANK: 6/8 ASSESSED**

<b>28.0%</b> Croplands	<b>-7.30</b> Net Carbon Flux	<b>5.5%</b> Protected Terrestrial Area	<b>83.6%</b> Protected Coastlines
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### Governance Capacity

0 1 **SCORE: 0.280** **RANK: 7/8 ASSESSED**

<b>88.7%</b> Household Waste Disposal	<b>4.1%</b> Prevalence of Crime
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### Infrastructure Capacity

0 1 **SCORE: 0.233** **RANK: 7/8 ASSESSED**



### Communications Capacity

0 1 **SCORE: 0.232** **RANK: 7/8 ASSESSED**

<b>41.7%</b> Households with Fixed Phones	<b>71.7%</b> Households with Mobile Phones
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### Emergency Services Capacity

0 1 **SCORE: 0.288** **RANK: 7/8 ASSESSED**

<b>10.2</b> Average Distance to Fire Station (km)	<b>3.6</b> Average Distance to Hospital or Clinic (km)	<b>1.7</b> Average Distance to Police Station (km)	<b>2.0</b> Average Distance to Shelter (km)
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### Energy Capacity

0 1 **SCORE: 0.104** **RANK: 7/8 ASSESSED**

<b>92.6%</b> Household Access to Public Electricity	<b>88.7%</b> Households Using Gas for Cooking	<b>6.1%</b> Households with Generator
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### Health Care Capacity

0 1 **SCORE: 0.307** **RANK: 6/8 ASSESSED**

<b>50.4%</b> Health Insurance Coverage	<b>0.32</b> Hospitals and Clinics per 1,000 Persons
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# LOGISTICS CAPACITY (LC)

**RANK: 7 / 8 ASSESSED**  
**SCORE: 0.394**

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



## Maritime Logistics

0  1 **SCORE: 0.321** **RANK: 7/8 ASSESSED**

<b>5.6</b> Average Distance to Seaport (km)	<b>89.9</b> Distance to External Medium or Large Seaport (km)	<b>0.00</b> Port Density (ports per km of coastline)
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## Air Support

0  1 **SCORE: 0.122** **RANK: 8/8 ASSESSED**

<b>86.4</b> Distance to External C130 Airport (km)	<b>12.2</b> Average Distance to Airport or Heliport (km)
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## Transportation Capacity

0  1 **SCORE: 0.706** **RANK: 1/8 ASSESSED**

<b>0.63</b> Gas Stations per 1,000 Persons	<b>3.5</b> Road Density (km of roads per sq km)
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## Warehouse Access

0  1 **SCORE: 0.428** **RANK: 7/8 ASSESSED**

<b>15.9</b> Average Distance to Warehouse (km)	<b>8.0</b> 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: 7 / 8** ASSESSED  
**SCORE: 0.324**



## 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: 7 / 8** ASSESSED  
**SCORE: 0.481**

## KEY FACTORS INFLUENCING RESILIENCE

Saint Philip'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:



### 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.



### Household Composition and Vulnerable Health

Households with dependent populations, such as the very young, elderly, chronically ill, and/or the disabled may have more difficulty with mobilizing and evacuating in a timely fashion and therefore become even more susceptible to harm during times of disaster. Further, the deaf or hard of hearing may not hear audible hazard alerts. Once evacuated, these populations will require additional services and care considerations in the response aftermath and during recovery. Plans and strategies must consider the special accommodations for these populations during response and recovery, including evacuation and sheltering.



### 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.

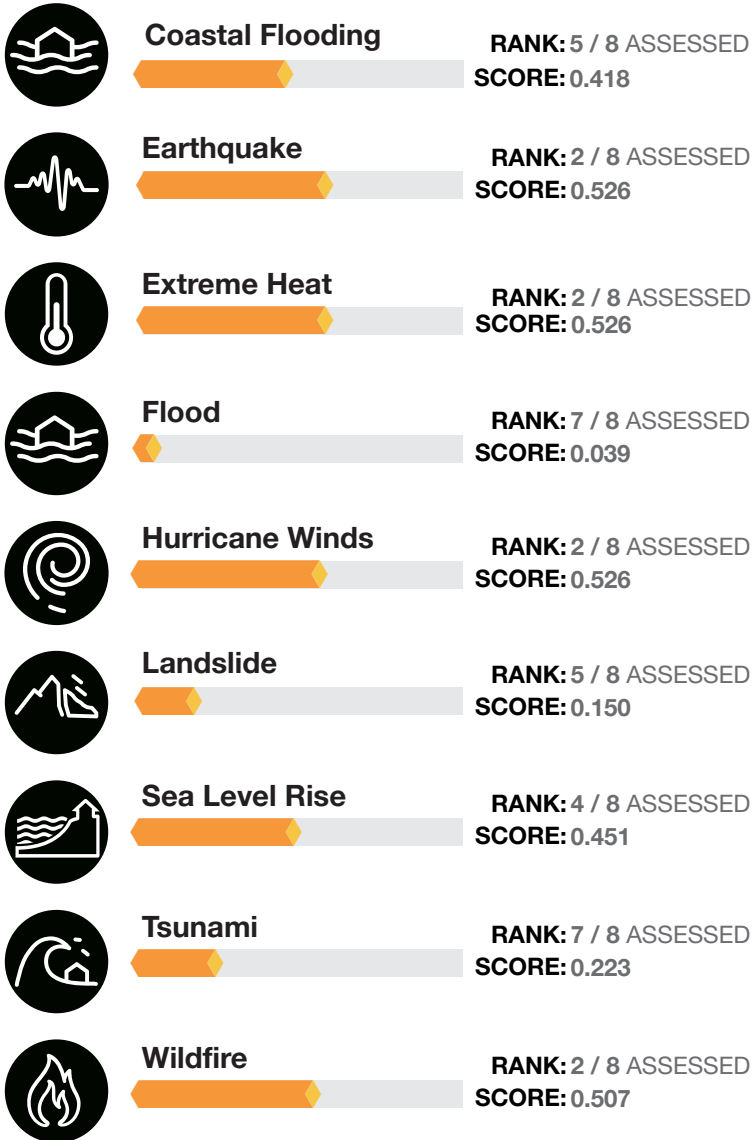


### Maritime Logistics

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.



## HAZARD-SPECIFIC RISK (HSR)

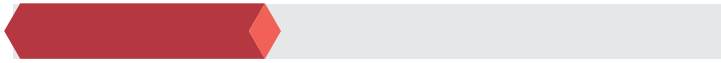




## MULTI-HAZARD RISK (MHR)

5 / 8

RANK AMONG PARISHES/DEPENDENCIES  
Score: 0.355



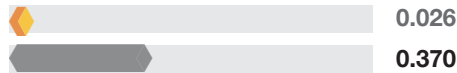
Saint Philip's score and ranking are due to Very Low Multi-Hazard Exposure combined with Low Vulnerability and Very Low Coping Capacity scores.

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

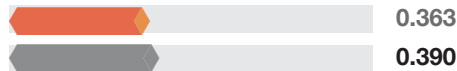
PARISH SCORE  
COUNTRY SCORE



#### Multi-Hazard Exposure



#### Vulnerability



#### Coping Capacity



**Better solutions.  
Fewer disasters.**

# Safer world.

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