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DOMINICA

SAINT PETER

NDPBA SUBNATIONAL PROFILE

DOMINICA SAINT PETER

Area: 34.2 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

- Very Low
Score: 0.349 • Rank: 10/10



RESILIENCE (R)

- Moderate
Score: 0.510 • Rank: 6/10



MULTI-HAZARD EXPOSURE (MHE)

- Very Low
Score: 0.067 • Rank: 10/10



VULNERABILITY (V)

- Low
Score: 0.334 • Rank: 8/10



COPING CAPACITY (CC)

- Very Low
Score: 0.353 • Rank: 9/10



Total Population (2011)
1,371



Coastal Population
Concentration
1.0%



Poverty Rate
23.7%



Households with
Reduced Water
Availability
35.9%

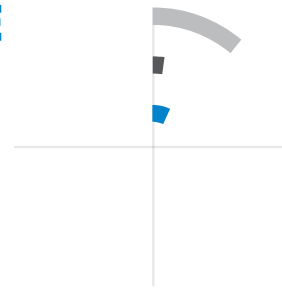


Coastline Exposure to
Local or Global Threats
0.0%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 10 / 10 PARISHES ASSESSED
SCORE: 0.067



MHE
0.067

Raw MHE
0.023

Relative MHE
0.111

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

6%

71

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **41%**



Hurricane Winds

100%

1,290

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Earthquake

100%

1,290

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Landslide

34%

443

Buildings Exposed: **33%**

Critical Infrastructure Exposed: **58%**



Extreme Heat

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Sea Level Rise

4%

57

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **41%**



Flash Flood

22%

287

Buildings Exposed: **33%**

Critical Infrastructure Exposed: **46%**



Tsunami

2%

30

Buildings Exposed: **3%**

Critical Infrastructure Exposed: **31%**

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 10 / 10 PARISHES ASSESSED
SCORE: 0.067

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Volcano

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Wildfire

11%

148

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **5%**



VULNERABILITY (V)

RANK: 8 / 10 PARISHES ASSESSED
SCORE: 0.334

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



Economic Constraints

0  1 **SCORE: 0.348** **RANK: 6/10 PARISHES ASSESSED**

52.3
Economic
Dependency
Ratio

23.7%
Poverty Rate



Environmental Stress

0  1 **SCORE: 0.474** **RANK: 4/10 PARISHES ASSESSED**

1.0%
Coastal
Population
Concentration

0.0%
Coastline
Exposure
to Local or
Global Threats

30.0%
Tree Cover
Loss



Household Infrastructure Vulnerability

0  1 **SCORE: 0.278** **RANK: 8/10 PARISHES ASSESSED**

9.5%
Housing Built
Prior to 2003

35.9%
Households
with Reduced
Water
Availability



Household Composition and Vulnerable Health

0  1 **SCORE: 0.488** **RANK: 4/10 PARISHES ASSESSED**

6.2%
Prevalence of
Disability (per
100 persons)

0.2%
Institutionalized
Population

14.3%
Population
Age 65 and
Over

20.1%
Population
Under Age 15



Population Pressures

0  1 **SCORE: 0.083** **RANK: 10/10 PARISHES ASSESSED**

0.6%
Average Annual
Population
Change

40.1
Population
Density
(persons per
sq km)

14.8%
Youth Bulge
(population
ages 15-24)



ISLAND CAPACITY (IC)

RANK: 9 / 10 PARISHES ASSESSED
SCORE: 0.396

Saint Peter exhibits weaker Island Capacity in the areas of Emergency Service and Health Care Capacity and Environmental Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Island Capacity score.



Environmental Capacity

0  1 **SCORE: 0.229** **RANK: 7/10 PARISHES ASSESSED**

0.00% Croplands	18.1 Net Carbon Flux	12.1% Protected Terrestrial Area	0.0% Protected Coastlines
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Emergency Service and Health Care Capacity

0  1 **SCORE: 0.467** **RANK: 9/10 PARISHES ASSESSED**

2.0 Average Distance to Shelter (km)	1.3 Average Distance to Hospital or Clinic (km)	8.4 Average Distance to Fire Station (km)	2.4 Average Distance to Police Station (km)	1.6 Hospitals and Clinics per 1,000 Persons
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LOGISTICS CAPACITY (LC)

RANK: 8 / 10 PARISHES ASSESSED
SCORE: 0.311

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



Maritime Logistics

0  1 **SCORE: 0.466** **RANK: 6/10 PARISHES ASSESSED**

2.3 Average Distance to Seaport (km)	77.3 Distance to External Medium or Large Seaport (km)	1.0 Port Density (ports per 10 km of coastline)
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Air Support

0  1 **SCORE: 0.395** **RANK: 8/10 PARISHES ASSESSED**

80.8 Distance to External C130 Airport (km)	7.6 Average Distance to Airport or Heliport (km)
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Transportation Capacity

0  1 **SCORE: 0.084** **RANK: 9/10 PARISHES ASSESSED**

0.0 Gas Stations per 1,000 Persons	1.7 Road Density (km of roads per sq km)
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Warehouse Access

0  1 **SCORE: 0.300** **RANK: 9/10 PARISHES ASSESSED**

6.6 Average Distance to Warehouse (km)	326.6 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 Dominica was calculated by using a combination of Island Capacity and Logistics Capacity.

RANK: 9 / 10 PARISHES ASSESSED
SCORE: 0.353



RESILIENCE (R)

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

RANK: 6 / 10 PARISHES ASSESSED
SCORE: 0.510

KEY FACTORS INFLUENCING RESILIENCE

Saint Peter'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:



Household Composition and Vulnerable Health

Households with dependent populations, such as the very young, elderly and the disabled, and populations living in institutional settings 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.



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.



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.

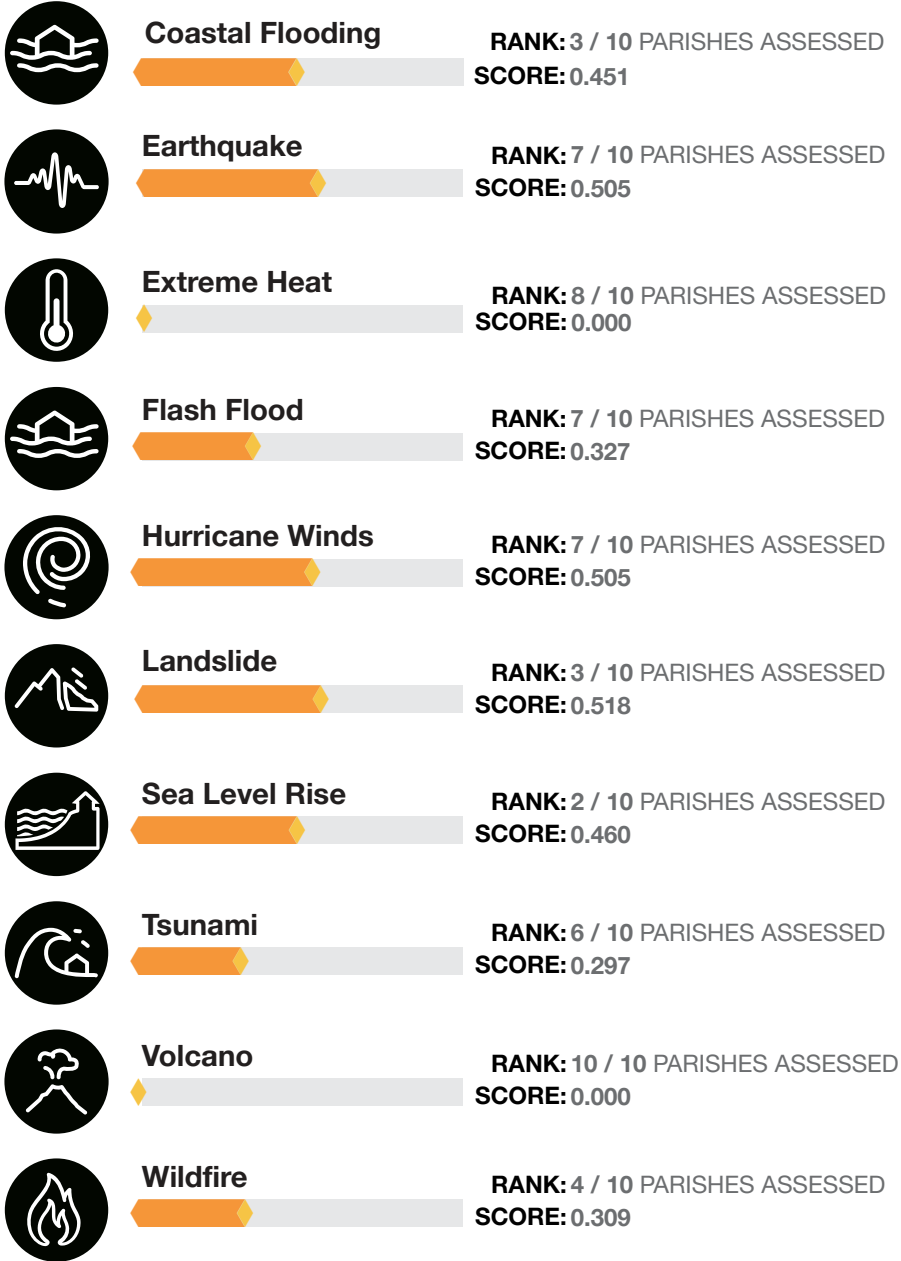


Warehouse Access

Efficient storage, movement and delivery of resources are key to effective humanitarian assistance and disaster relief operations. Access to both local and regional supply chains can significantly improve the speed and quality of response operations, reducing the negative social and economic impacts of an emergency.



HAZARD-SPECIFIC RISK (HSR)

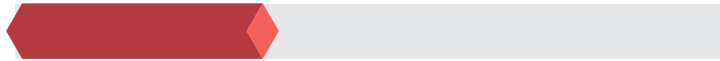




MULTI-HAZARD RISK (MHR)

10 / 10

RANK AMONG PARISHES
Score: 0.349



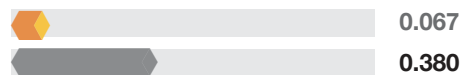
Saint Peter's score and ranking are due to Very Low Multi-Hazard Exposure combined with Low Vulnerability and Very Low Coping Capacity scores.

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

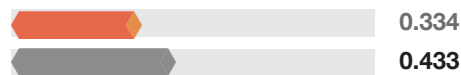
PARISH SCORE
 COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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



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/PDCGlobal



www.pdc.org



ndpba.eci@pdc.org