



THE BAHAMAS

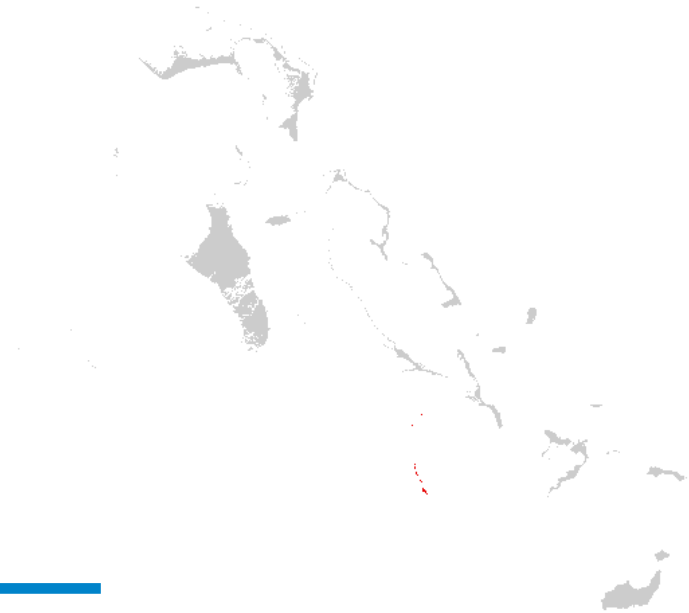
RAGGED ISLAND

NDPBA ISLAND PROFILE

THE BAHAMAS RAGGED ISLAND

CAPITAL: DUNCAN TOWN

Area: 14 sq. mi (36.3 sq. km)



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) -

Score: • Rank: /



RESILIENCE (R) -

Score: • Rank: /



MULTI-HAZARD EXPOSURE (MHE) -

Score: • Rank: /



VULNERABILITY (V) -

Score: • Rank: /



COPING CAPACITY (CC) -

Score: • Rank: /



Population (2010 Census)



Population in Poverty



Average Annual Foreign Arrivals Per Capita



Households with Piped Water



Prevalence of Crowded Housing

*For more information on data and components please visit: <https://bit.ly/2LqVoUO>



MULTI-HAZARD EXPOSURE (MHE)

RANK: / ISLANDS
SCORE:



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:

Note: Population values from PDC's All-hazard Impact Model (AIM) leverage 2020 estimates for The Bahamas. Values may exceed 2010 Census population.



Tropical Cyclone Winds



Storm Surge



Flooding



Wildfire



Landslide



Sea Level Rise





VULNERABILITY (V)

RANK: / ISLANDS ASSESSED
SCORE:



Environmental Stress

0 1 **SCORE:** **RANK: / ISLANDS ASSESSED**

- Coral reef exposed to local threats
- Coral reef exposed to thermal stress
- Tree cover loss
- Historical hurricane hits per length of coastline



Household Composition Vulnerability

0 1 **SCORE:** **RANK: / ISLANDS ASSESSED**

- Disability
- Elderly population (65+)



Clean Water Access Vulnerability

0 1 **SCORE:** **RANK: / ISLANDS ASSESSED**

- Households with piped water
- Households with flush toilets
- Households with shared toilet facilities



Housing and Transportation Vulnerability

0 1 **SCORE:** **RANK: / ISLANDS ASSESSED**

- Crowded housing
- Population without private vehicle
- Housing built before 1980



Economic Constraints

0 1 **SCORE:** **RANK: / ISLANDS ASSESSED**

- Economic dependency ratio
- Government benefits received (Bahamian Dollars)
- Non-wage earning population
- Poverty rate



Gender Inequality



SCORE:

RANK: / ISLANDS ASSESSED

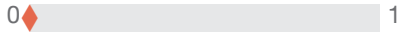
Ratio female to male income

Ratio female to male avg. years of school

Adolescent birth rate (per 1,000)



Population Pressures



SCORE:

RANK: / ISLANDS ASSESSED

Average population change (2000 - 2010)

Average annual foreign arrivals per capita

Average annual foreign arrivals per sq. mile

Migration per 100 persons



ISLAND CAPACITY (IC)

RANK: / ISLANDS ASSESSED
SCORE:



Economic Capacity



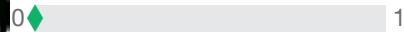
SCORE:

RANK: / ISLANDS ASSESSED

Households receiving remittances Median income, Bahamian dollars



Environmental Capacity



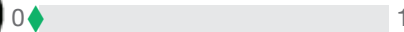
SCORE:

RANK: / ISLANDS ASSESSED

Protected areas Coastline protected by natural habitat Standing fish stock



Infrastructure Capacity



SCORE:

RANK: / ISLANDS ASSESSED



Health Care Capacity

SCORE:

RANK: / ISLANDS ASSESSED

Physicians per 10,000 Nurses & midwives per 10,000 Clinics per 10,000 DTP3 Vaccine coverage rate



Transportation Capacity

SCORE:

RANK: / ISLANDS ASSESSED

mi per sq. mi (km per sq. km)

Road density



Communications Capacity

SCORE:

RANK: / ISLANDS ASSESSED

Internet access Mobile coverage



Emergency Services Capacity

SCORE:

RANK: / ISLANDS ASSESSED

Average distance to police station Average distance to shelter Shelter capacity per 100 persons



Energy Capacity

SCORE:

RANK: / ISLANDS ASSESSED

Households with electricity Households with liquid propane gas



LOGISTICS CAPACITY (LC)

RANK: 14 / 18 ISLANDS ASSESSED
SCORE: 0.573

Logistics Capacity describes the ability of the island to ensure efficient storage, movement, and delivery of resources key for effective humanitarian assistance and disaster relief operations. Logistics Capacity is driven by distances to a major airport, major seaport, and disaster warehouse.



93.37 mi (150.23 km)

Distance to port



93.35 mi (150.2 km)

Distance to airport



160.57 mi (258.35 km)

Distance to
warehouse



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 in The Bahamas was calculated by using a combination of Island Capacity and Logistics Capacity.

RANK: / ISLANDS ASSESSED
SCORE:



RESILIENCE (R)

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

RANK: / ISLANDS ASSESSED
SCORE:



HAZARD-SPECIFIC RISK (HSR)



Tropical Cyclone Winds **RANK:** / ISLANDS ASSESSED
SCORE:



Storm Surge **RANK:** / ISLANDS ASSESSED
SCORE:



Flooding **RANK:** / ISLANDS ASSESSED
SCORE:



Wildfire **RANK:** / ISLANDS ASSESSED
SCORE:



Landslide **RANK:** / ISLANDS ASSESSED
SCORE:



Sea Level Rise **RANK:** / ISLANDS ASSESSED
SCORE:



MULTI-HAZARD RISK (MHR)



/
RANK WITHIN ISLANDS
Score:

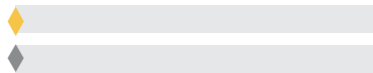
Ragged Island's score and ranking are due to Multi-hazard Exposure combined with Vulnerability and Coping Capacity scores.

Multi-hazard risk component scores compared to overall average country scores:

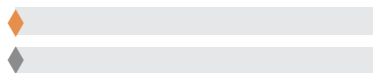
 RAGGED ISLAND SCORE
 COUNTRY SCORE



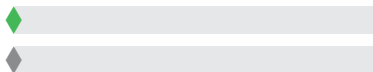
Multi-Hazard Exposure



Vulnerability



Coping Capacity



RAGGED ISLAND RECOMMENDATIONS



RAGGED ISLAND RECOMMENDATIONS

2

RAGGED ISLAND RECOMMENDATIONS

3

RAGGED ISLAND RECOMMENDATIONS

4

**Better solutions.
Fewer disasters.**

Safer world.

**1305 N Holopono Street
Suite 2, Kihei, HI 9675 3**

**P: (808) 891-0525
F: (808) 891-0526**



@PDC_Global



/PDCGlobal



www.pdc.prg



ndpba.bah@pdc.org