

NDPBA

# DJIBOUTI REGIONAL RISK PROFILES

**SUBNATIONAL ASSESSMENT RESULTS** 



DJIBOUTI

# **ALI SABIEH**

# NDPBA REGIONAL PROFILE



## DJIBOUTI ALI SABIEH

**CAPITAL: ALI SABIEH** 

Area: 2,400 km2



#### **RISK AND VULNERABILITY**

#### **COMPONENT SCORE**



MULTI-HAZARD RISK (MHR) - Very

Score: 0.302 • Rank: 6/6



Population (2015 Statistics)

86,949



**RESILIENCE (R) - Very High** 

Score: 0.553 • Rank: 2/6



**Chronic Food Insecurity (Population at Moderate or Higher)** 

47.2%



**MULTI-HAZARD EXPOSURE (MHE) -**

**Very Low** 

Score: 0.013 • Rank: 6/6



**Youth Unemployment** 

80.0%



**VULNERABILITY (V) - Low** 

Score:0.425 • Rank: 5/6



Households without Access to Improved Water

44.00/

46.0%



**COPING CAPACITY (CC) - Very High** 

Score: 0.532 • Rank: 2/6



**Adult Literacy Rate** 

42.0%



# MULTI-HAZARD EXPOSURE (MHE)

**RANK: 6 / 6 REGIONS** 

**SCORE: 0.013** 

MHE 0.013

Raw MHE 0.026

Relative MHE 0.000

#### **ESTIMATED EXPOSURE TO EACH HAZARD:**



Drought

**19%** 

**4** 19.826

-



Landslide

14%

**15,029** 

\$78.9 Million

**Critical Infrastructure Exposed:** 

0%



**Earthquake** 

100%

**104.113** 

\$450 Million

**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 

100%



Sea Level Rise

0%

**y** (

0

**Critical Infrastructure Exposed:** 

0%



Flash Flood

2%

**1,771** 

\$16 Million

**Critical Infrastructure Exposed:** 

0%



Volcano

0%

**≗** 0

0

**Critical Infrastructure Exposed:** 

0%



Wildfire

<1%

**321** 

\$20 Million

**Critical Infrastructure Exposed:** 

0%



# **VULNERABILITY (V)**

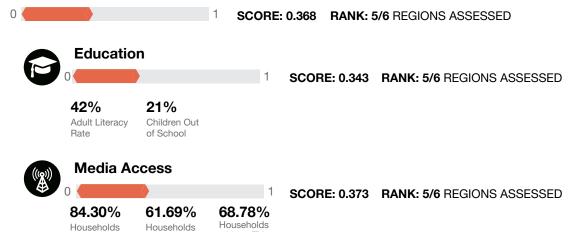
**RANK: 5 / 6 REGIONS ASSESSED** 

SCORE: 0.425

Vulnerability in Ali Sabieh is primarily driven by Environmental Stress and Populations of Concern. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



#### Information Access Vulnerability





#### Standard of Living

without Internet



without TV

Access

without Radio

Access









**RANK: 5 / 6 REGIONS ASSESSED** 

**SCORE: 0.425** 



#### **Vulnerable Health Status**

SCORE: 0.219 RANK: 5/6 REGIONS ASSESSED

5.11% Malnutrition Incidence

2.20% Population Reporting Malaria

#### Inequality

SCORE: 0.289 RANK: 5/6 REGIONS ASSESSED

0.33

Gini Coefficient





#### **Food Access Vulnerability**

SCORE: 0.424 RANK: 5/6 REGIONS ASSESSED



SCORE: 0.349 RANK: 4/6 REGIONS ASSESSED

8.92% Food Insecure Households

75.3% Rural Households Receiving Food Aid

47.16% Chronic Food Insecurity



#### **Food Supply Vulnerability**

SCORE: 0.500 RANK: 4/6 REGIONS ASSESSED

55% 18% Households Experiencing

Households Impacted by Drought Shock Rising Prices



**RANK: 5 / 6 REGIONS ASSESSED** 

**SCORE: 0.425** 



#### **Population Pressures**

**4.87**% **80.0**%

**RANK: 6/6 REGIONS ASSESSED** 

www.pdc.org

**4.87%**Average Annual Population

Growth

Youth Unemployment



#### **Populations of Concern**

SCORE: 0.632

**SCORE: 0.171** 

**RANK: 1/6 REGIONS ASSESSED** 



#### Migrants and Refugees

1 SCORE: 0.349 RANK: 5/6 REGIONS ASSESSED 42.59% 56.81% 15%

42.59%

Nomadic For Special Fopulations

Refugee Populations 15% Stranded Migrants



#### Other Populations of Concern

1 SCORE: 0.916 RANK: 1/6 REGIONS ASSESSED

5.41% 13.3% Elderly Disability Population



#### **Recent Disaster Impacts**

1 SCORE: 0.286 RANK: 4/6 REGIONS ASSESSED

**0.40%** Flood Impacts

14.20% Locust Impacts



#### **Environmental Stress**

1 SCORE: 0.942 RANK: 1/6 REGIONS ASSESSED

**34.51** Air Quality (ug/

96.00% Groundwater

Stress

18.3% Income from Sale of Charcoal or

Firewood

48.62% Land Degradation

PDC Global



# **COPING CAPACITY (CC)**

**RANK: 2/6 REGIONS ASSESSED** 

**RANK: 2/6 REGIONS ASSESSED** 

**RANK: 3/6 REGIONS ASSESSED** 

**RANK: 3/6 REGIONS ASSESSED** 

**SCORE: 0.532** 

Ali Sabieh exhibits weaker Coping Capacity in the areas of Food System Capacity and Economic Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



#### **Economic Capacity**

**SCORE: 0.361 RANK: 3/6 REGIONS ASSESSED** 

40%

Labor Force Participation Ratio

4.63% **CNSS Insured** 

46.7% Public Sector Employment

9% Microfinance Credit



#### Infrastructure Capacity

**SCORE: 0.529 RANK: 2/6 REGIONS ASSESSED** 



#### Transportation Capacity

1 SCORE: 0.537

4.58 Distance to Port (km)

98%

12.18% Time to Public Transport (within 30 mins)

0.43 Road and Rail Density (km per sq. km)



#### **Health Care Capacity**

**SCORE: 0.521 RANK: 3/6 REGIONS ASSESSED** 

#### **Health Care Infrastructure**

7.6

**SCORE: 0.548** 

Attended Births Hospital Beds per 10,000 Persons

2.5 Nurse and Midwives per 10,000 Persons

1.73 Physicians per 10.000 Persons

#### **Health Care Access**

**SCORE: 0.494** 

87.08%

BCG Immunization Coverage

5.89% Contraceptive Prevalence

76.10% Time to Health Care (under 30 Minutes)



# **COPING CAPACITY (CC)**

**RANK: 2 / 6 REGIONS ASSESSED** 

**SCORE: 0.532** 



#### **Food System Capacity**

Land Area

0

SCORE: 0.309 RANK: 4/6 REGIONS ASSESSED

80.56%

Time to Food Market (under 30 Minutes) **5.9% 204.43** Average Wa

Average Water Production Surplus (thousands m3)



#### Governance



SCORE: 0.462 RANK: 4/6 REGIONS ASSESSED

**54.4%** 

Tin

**70.93% 50.53%** Voter

Garbage Collection Time to Police (under 30 Minutes) Voter Participation



#### **Environmental Capacity**



SCORE: 1.000 RANK: 1/6 REGIONS ASSESSED

208.5

Bird Species Richness (species per sq. km) 27.15% Important Biodiversity Areas



# **RESILIENCE (R)**

**RANK: 2 / 6 REGIONS ASSESSED** 

**SCORE: 0.553** 

Ali Sabieh's score and ranking are due to Low Vulnerability combined with Very High Coping Capacity scores.

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



Environmental Stress



Populations of Concern



Food System Capacity



Economic Capacity

**PDC** Global

#### **KEY FACTORS INFLUENCING RESILIENCE**



#### **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.



## **Populations of Concern**

Displaced and nomadic populations have unique barriers in accessing disaster relief and public benefits, and may lack ties, connections, or support systems as a result of conflict or migration. Challenges in understanding legal rights and available services are complicated by language and cultural barriers, rules and regulations, remoteness from services, and a generalized climate of fear. Strengthen community networks and partnerships with national and international NGOs to help focus the delivery of information and support services to vulnerable populations before, during, and after disasters. Ensure that the elderly and those with special needs are included in disaster management related plans.



## **Food System Capacity**

The changing frequency and intensity of disasters can expose the entire food system to supply chain disruptions. Build more resilient and climate-friendly local agricultural systems through training of farmers in sustainable practices (e.g., soil improvement, erosion reduction) and improve efficiencies in food marketing, storage, delivery, and waste management to improve the nutrition and food security of present and future generations.



#### **Economic Capacity**

A strong economic foundation provides an indication of a region's ability to absorb economic losses and quickly mobilize financial assets for preparedness, response and recovery activities. Limited economic capacity correlates to disproportionate disaster impacts.



# **HAZARD-SPECIFIC RISK (HSR)**

Drought RANK: 4 / 6 REGIONS ASSESSED SCORE: 0,164

Earthquake RANK: 3 / 6 REGIONS ASSESSED SCORE: 0.372

Flash Flood
RANK: 6/6 REGIONS ASSESSED SCORE: 0.000

Landslide RANK: 6/6 REGIONS ASSESSED SCORE: 0.131

Sea Level Rise

RANK: 5 / 6 REGIONS ASSESSED

SCORE: 0.000

Volcano

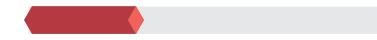
RANK: 5/ 6 REGIONS ASSESSED

SCORE: 0.000

Wildfire RANK: 5 / 6 REGIONS ASSESSED SCORE: 0.006



# **MULTI-HAZARD RISK (MHR)**

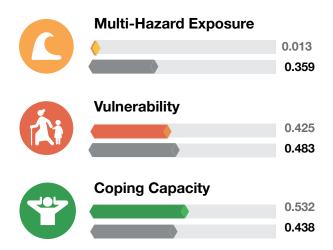


6 / 6
RANK WITHIN REGIONS
Score: 0.302

Ali Sabieh's score and ranking are due to Very Low Multi-hazard Exposure combined with Low Vulnerability and Very High Coping Capacity scores.

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







Better solutions. Fewer disasters.

# Safer Morida.

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DJIBOUTI ARTA

# **NDPBA REGIONAL PROFILE**



## DJIBOUTI ARTA

**CAPITAL: ARTA** 

Area: 1,800 km2



#### **RISK AND VULNERABILITY**

#### **COMPONENT SCORE**



**MULTI-HAZARD RISK (MHR) - Low** 

Score: 0.423 • Rank: 5/6



Population (2015 Statistics)

42,380



**RESILIENCE (R) - High** 

Score: 0.530 • Rank: 3/6



Chronic Food Insecurity (Population at Moderate or Higher)

33.4%



**MULTI-HAZARD EXPOSURE (MHE) -**

High

Score: 0.330 • Rank: 3/6



**Youth Unemployment** 

75.1%



**VULNERABILITY (V) - Moderate** 

Score:0.433 • Rank: 4/6



Households without Access to Improved Water

60.0%



**COPING CAPACITY (CC) - High** 

Score: 0.492 • Rank: 3/6



**Adult Literacy Rate** 

30.0%



# MULTI-HAZARD EXPOSURE (MHE)

**RANK: 3/6 REGIONS** 

**SCORE: 0.330** 



MHE 0.330

Raw MHE 0.016

Relative MHE 0.644

#### **ESTIMATED EXPOSURE TO EACH HAZARD:**

**Critical Infrastructure Exposed:** 



**Drought** 

1%

**≗** 550

-



Landslide

31%

**4** 13,192

\$121 Million

**Critical Infrastructure Exposed:** 

0%



**Earthquake** 

100%

**42.668** 

\$217 Million

**Critical Infrastructure Exposed:** 

100%



Sea Level Rise

<1%

**128** 

0

**Critical Infrastructure Exposed:** 

17%



Flash Flood

61%

**26,122** 

\$56.2 Million

**Critical Infrastructure Exposed:** 

50%



Volcano

9%

**3,647** 

\$48.8 Million

**Critical Infrastructure Exposed:** 

23%



Wildfire

56.8%

**24,267** 

\$57.4 Million

**Critical Infrastructure Exposed:** 

33%



# **VULNERABILITY (V)**

**RANK: 4 / 6 REGIONS ASSESSED** 

**SCORE: 0.433** 

SCORE: 0.786 RANK: 4/6 REGIONS ASSESSED

SCORE: 0.486 RANK: 4/6 REGIONS ASSESSED

Vulnerability in Arta is primarily driven by Standard of Living and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.

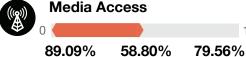


#### **Information Access Vulnerability**

1 SCORE: 0.651 RANK: 4/6 REGIONS ASSESSED

Education

30% 33%
Adult Literacy Children Out of School



Households without Internet Access Access As No. 29.56%

As No. 29.56%

Households without Radio Access

Access Access



#### Standard of Living

0 1 SCORE: 0.699 RANK: 4/6 REGIONS ASSESSED

77.7% Electricity Access







**RANK: 4 / 6 REGIONS ASSESSED** 

**SCORE: 0.433** 



#### **Vulnerable Health Status**

1 SCORE: 0.560 RANK: 3/6 REGIONS ASSESSED 4.55% 5.47%

Malnutrition Population Reporting Malaria



#### Inequality

1 SCORE: 0.411 RANK: 4/6 REGIONS ASSESSED

0.30

Gini Coefficient





#### **Food Access Vulnerability**

1 SCORE: 0.528 RANK: 4/6 REGIONS ASSESSED



SCORE: 0.283 RANK: 5/6 REGIONS ASSESSED

10.23% Food Insecure Households 77.4% Rural Households Receiving Food Aid 33.44% Chronic Food Insecurity



#### **Food Supply Vulnerability**

SCORE: 0.773 RANK: 1/6 REGIONS ASSESSED

30% 85% Households Househ

Households Households Experiencing Impacted by Drought Shock Rising Prices



**RANK: 4/6 REGIONS ASSESSED** 

**SCORE: 0.433** 



#### **Population Pressures**

75.1%

**SCORE: 0.187 RANK: 4/6 REGIONS ASSESSED** 

5.93% Average Annual Population Growth

Youth Unemployment



#### **Populations of Concern**

**SCORE: 0.004** 

**RANK: 6/6 REGIONS ASSESSED** 



#### Migrants and Refugees

1 SCORE: 0.000 RANK: 4/6 REGIONS ASSESSED 41.94%

Stranded Nomadic Refugee Migrants or Special Populations Populations



#### Other Populations of Concern

SCORE: 0.009 RANK: 6/6 REGIONS ASSESSED

4.54% 7.8% Elderly Disability Population



#### **Recent Disaster Impacts**

SCORE: 0.454 RANK: 3/6 REGIONS ASSESSED

5.01% Flood Impacts

8.92% Locust Impacts



#### **Environmental Stress**

SCORE: 0.400 RANK: 5/6 REGIONS ASSESSED

34.84 Air Quality (ug/

74.29% Groundwater

12.6% Income from Sale of

Charcoal or Firewood

29.91% Land Degradation

Stress

**PDC** Global



# **COPING CAPACITY (CC)**

**RANK: 3 / 6 REGIONS ASSESSED** 

**RANK: 6/6 REGIONS ASSESSED** 

**SCORE: 0.492** 

Arta exhibits weaker Coping Capacity in the areas of Food System Capacity and Environmental Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



#### **Economic Capacity**

**SCORE: 0.644 RANK: 2/6 REGIONS ASSESSED** 

46% Labor Force Participation Ratio

6.98% **CNSS Insured** 

49.4% Public Sector Employment

Microfinance Credit



#### Infrastructure Capacity

**SCORE: 0.464 RANK: 3/6 REGIONS ASSESSED** 



#### Transportation Capacity

**RANK: 3/6 REGIONS ASSESSED** 1 SCORE: 0.480

9.46

Distance to Port (km)

91%

14.90% Time to Public Transport (within 30 mins)

0.28 Road and Rail Density (km per sq. km)



#### **Health Care Capacity**

**SCORE: 0.449 RANK: 4/6 REGIONS ASSESSED** 

#### **Health Care Infrastructure**

SCORE: 0.291

5.7 8.0 0.94 Physicians Nurse and Attended Births Hospital Beds Midwives per 10.000 per 10,000 per 10,000 Persons Persons Persons

**Health Care Access** 

**SCORE: 0.606 RANK: 2/6 REGIONS ASSESSED** 

88.48% BCG Immunization Coverage

9.22% Contraceptive Prevalence

75.22% Time to Health Care (under 30 Minutes)



# **COPING CAPACITY (CC)**

**RANK: 3 / 6 REGIONS ASSESSED** 

SCORE: 0.492



#### **Food System Capacity**

0

SCORE: 0.370 RANK: 3/6 REGIONS ASSESSED

84.38% Time to Food Market (under

30 Minutes)

11.8% 2
Cultivated Avea Pr

230.57 Average Water Production Surplus (thousands m3)



#### Governance



SCORE: 0.578 RANK: 2/6 REGIONS ASSESSED

**49.4%**Garbage
Collection

72.34% Time to Police (under 30

**67.10%**Voter
Participation



#### **Environmental Capacity**

Minutes)



SCORE: 0.405 RANK: 3/6 REGIONS ASSESSED

199.5

Bird Species Richness (species per sq. km) 1.58%
Important
Biodiversity
Areas



# **RESILIENCE (R)**

**RANK: 3 / 6 REGIONS ASSESSED** 

**SCORE: 0.530** 

Arta's score and ranking are due to Moderate Vulnerability combined with High Coping Capacity scores.

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



Standard of Living



Information Access Vulnerability



Food System Capacity



Environmental Capacity

20

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#### **KEY FACTORS INFLUENCING RESILIENCE**



#### Standard of Living

Unsound or poorly constructed homes are more susceptible to disaster impacts, as are households lacking basic amenities. Households without easy or adequate access to water distribution and containment systems face significant demands on daily routines that effectively limit their response and recovery capacity and the ability to maintain livelihoods. Increasing access to improved water and sanitation improves health outcomes and frees up resources to decrease further susceptibility to impacts. Expansion of electrical access into remote and underserved communities will increase accessibility to alert and warning information.



#### **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.



## **Food System Capacity**

The changing frequency and intensity of disasters can expose the entire food system to supply chain disruptions. Build more resilient and climate-friendly local agricultural systems through training of farmers in sustainable practices (e.g., soil improvement, erosion reduction) and improve efficiencies in food marketing, storage, delivery, and waste management to improve the nutrition and food security of present and future generations.

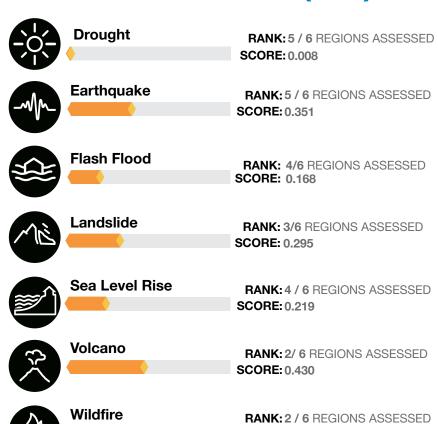


#### **Environmental Capacity**

Properly managed environments sustain populations by providing food, water, and even economic benefits from industries such as tourism. Increasing protected areas can also serve as additional buffers between the population and impacted areas.



# **HAZARD-SPECIFIC RISK (HSR)**



SCORE: 0.150



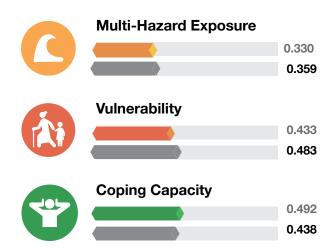
# **MULTI-HAZARD RISK (MHR)**



Arta's score and ranking are due to High Multi-hazard Exposure combined with Moderate Vulnerability and High Coping Capacity scores.

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







Better solutions. Fewer disasters.

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DJIBOUTI

# **DIKHIL**

# **NDPBA REGIONAL PROFILE**



## DJIBOUTI DIKHIL

**CAPITAL: DIKHIL** 

Area: 7,200 km2



#### **RISK AND VULNERABILITY**

#### **COMPONENT SCORE**



#### **MULTI-HAZARD RISK (MHR) -**

Moderate

Score: 0.442 • Rank: 4/6



Population (2015 Statistics)

88,948



**RESILIENCE (R) - Moderate** 

Score: 0.427 • Rank: 4/6



**Chronic Food Insecurity (Population at Moderate or Higher)** 

39.8%



#### **MULTI-HAZARD EXPOSURE (MHE) -**

Low

Score: 0.181 • Rank: 5/6



**Youth Unemployment** 

73.3%



#### **VULNERABILITY (V) - High**

Score:0.553 • Rank: 3/6



Households without Access to Improved Water

73.9%



#### **COPING CAPACITY (CC) - Moderate**

Score: 0.406 • Rank: 4/6



**Adult Literacy Rate** 

26.0%



# MULTI-HAZARD EXPOSURE (MHE)

**RANK: 5 / 6 REGIONS** 

**SCORE: 0.181** 



MHE 0.181

Raw MHE 0.037

Relative MHE 0.324

#### **ESTIMATED EXPOSURE TO EACH HAZARD:**

**Critical Infrastructure Exposed:** 



**Drought** 

**82%** 

**4** 74.279

-



Landslide

13%

**11,598** 

\$74 Million

**Critical Infrastructure Exposed:** 

0%



**Earthquake** 

100%

**\$** 90,762

\$447 Million

**Critical Infrastructure Exposed:** 

100%



Sea Level Rise

0%

**-** 0

0

**Critical Infrastructure Exposed:** 

0%



Flash Flood

34%

**30,773** 

\$95.8 Million

**Critical Infrastructure Exposed:** 

49%



Volcano

1%

**4** 955

\$19.6 Million

**Critical Infrastructure Exposed:** 

0%



Wildfire

3.2%

**2,905** 

\$51.7 Million

**Critical Infrastructure Exposed:** 

0%



# **VULNERABILITY (V)**

**RANK: 3 / 6 REGIONS ASSESSED** 

**SCORE: 0.553** 

Vulnerability in Dikhil is primarily driven by Environmental Stress and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



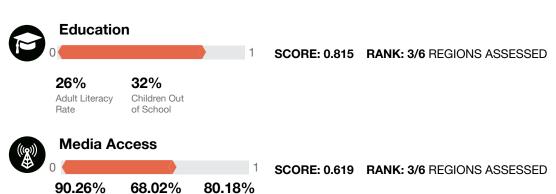
#### **Information Access Vulnerability**

Households

Access

without Radio

0 SCORE: 0.721 RANK: 3/6 REGIONS ASSESSED





#### Standard of Living

Households

without Internet

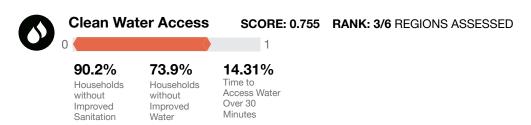
1 SCORE: 0.787 RANK: 2/6 REGIONS ASSESSED

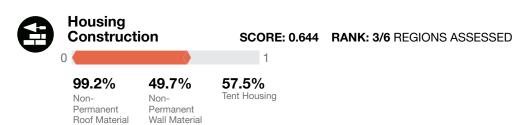
Households

without TV

Access

77.2% Electricity Access







**RANK: 3 / 6 REGIONS ASSESSED** 

**SCORE: 0.553** 



#### **Vulnerable Health Status**

7.87% 5.19%
Malnutrition Population

Incidence Reporting Malaria



#### Inequality

1 SCORE: 0.595 RANK: 2/6 REGIONS ASSESSED

0.42

Gini Coefficient





#### **Food Access Vulnerability**

1 SCORE: 0.570 RANK: 3/6 REGIONS ASSESSED



SCORE: 0.672 RANK: 2/6 REGIONS ASSESSED

22.11% Food Insecure Households 80.6% Rural Households Receiving Food Aid 39.79% Chronic Food Insecurity

#### Food Supply Vulnerability

12% 66%

SCORE: 0.467 RANK: 5/6 REGIONS ASSESSED

Households Experiencing Drought Shock

Households Impacted by Rising Prices



**RANK: 3 / 6 REGIONS ASSESSED** 

**SCORE: 0.553** 



#### **Population Pressures**

**6.22**% **73.3**%

SCORE: 0.179

**RANK: 5/6 REGIONS ASSESSED** 

**6.22%**Average Annual Population
Growth

Youth Unemployment



#### **Populations of Concern**

1 SCORE: 0.243

**RANK: 4/6 REGIONS ASSESSED** 



#### Migrants and Refugees

1 SCORE: 0.434 RANK: 2/6 REGIONS ASSESSED 46.71% – 26%

46.71% – 26%

Nomadic Refugee Stranded or Special Populations Migrants

Populations



#### Other Populations of Concern

SCORE: 0.052 RANK: 5/6 REGIONS ASSESSED

**4.61% 7.9%** Elderly Population



#### **Recent Disaster Impacts**

SCORE: 0.108 RANK: 5/6 REGIONS ASSESSED

0.68% 3.75% Flood Impacts Locust Impacts



30

#### **Environmental Stress**

1 SCORE: 0.936 RANK: 2/6 REGIONS ASSESSED

**35.38** Air Quality (ug/

100.00% Groundwater Stress 18.8% Income from Sale of Charcoal or Firewood 41.10% Land Degradation



# **COPING CAPACITY (CC)**

**RANK: 4/6 REGIONS ASSESSED** 

**RANK: 5/6 REGIONS ASSESSED** 

**RANK: 4/6 REGIONS ASSESSED** 

**RANK: 4/6 REGIONS ASSESSED** 

**SCORE: 0.406** 

Dikhil exhibits weaker Coping Capacity in the areas of Transportation Capacity and Economic Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



#### **Economic Capacity**

**SCORE: 0.222 RANK: 6/6 REGIONS ASSESSED** 

42%

Labor Force Participation Ratio

4.98% **CNSS Insured**  29.7% Public Sector Employment

11% Microfinance Credit



#### Infrastructure Capacity

**SCORE: 0.299 RANK: 5/6 REGIONS ASSESSED** 



#### **Transportation Capacity**

1 SCORE: 0.149

14.99 Distance to Port (km)

98%

Attended Births

9.46% Time to Public Transport (within 30 mins)

0.08 Road and Rail Density (km per sq. km)



#### **Health Care Capacity**

**RANK: 5/6 REGIONS ASSESSED SCORE: 0.448** 

#### **Health Care Infrastructure**

10.2

**SCORE: 0.533** 

Hospital Beds per 10,000 Persons

6.4 Nurse and Midwives per 10,000 Persons

0.56 Physicians per 10.000 Persons

#### **Health Care Access**

**SCORE: 0.364** 

89.95% BCG Immunization Coverage

6.95% Contraceptive Prevalence

58.09% Time to Health Care (under 30 Minutes)



# **COPING CAPACITY (CC)**

**RANK: 4 / 6 REGIONS ASSESSED** 

**SCORE: 0.406** 



#### **Food System Capacity**

Land Area

SCORE: 0.516 **RANK: 2/6 REGIONS ASSESSED** 

65.02%

Time to Food Market (under 30 Minutes)

55.9% 152.86 Cultivated

Average Water Production Surplus (thousands m3)



#### Governance



**SCORE: 0.539 RANK: 3/6 REGIONS ASSESSED** 

36.4% Garbage

64.29% 78.58%

Collection

Time to Police Participation (under 30 Minutes)



#### **Environmental Capacity**



SCORE: 0.454 **RANK: 2/6 REGIONS ASSESSED** 

203.0

Bird Species Richness (species per sq. km)

2.07% Important Biodiversity Areas



# **RESILIENCE (R)**

**RANK: 4/6 REGIONS ASSESSED** 

**SCORE: 0.427** 

Dikhil's score and ranking are due to High Vulnerability combined with Moderate Coping Capacity scores.

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



**Environmental** Stress



**Vulnerable Health** Status



**Transportation** Capacity



**Economic** Capacity

### **KEY FACTORS INFLUENCING RESILIENCE**



#### **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.



#### **Vulnerable Health Status**

A population with a compromised health status will have a greatly reduced ability to manage short- and long-term disaster outcomes. Improving health is often correlated with decreased susceptibility to injury, disease, and stress associated with disasters. Acute or prolonged vulnerable health status limits the basic capacity of response functions.



## **Transportation Capacity**

Denser and more diverse transportation networks provide more options for bringing outside resources into an impacted area 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.

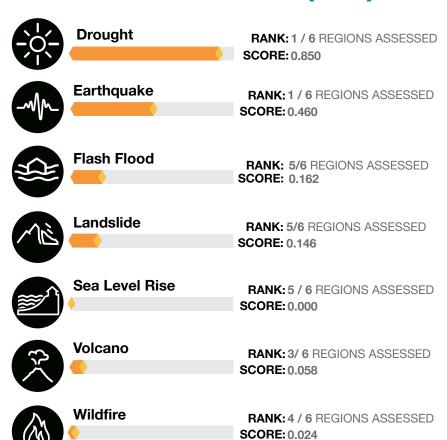


#### **Economic Capacity**

A strong economic foundation provides an indication of a region's ability to absorb economic losses and quickly mobilize financial assets for preparedness, response and recovery activities. Limited economic capacity correlates to disproportionate disaster impacts.



# **HAZARD-SPECIFIC RISK (HSR)**





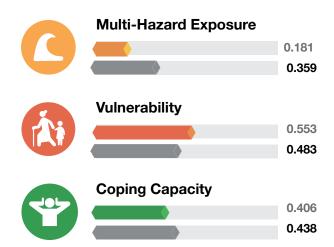
# **MULTI-HAZARD RISK (MHR)**



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

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







Better solutions. Fewer disasters.

# Safer Morida.

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DJIBOUTI

# DJIBOUTI

**NDPBA REGIONAL PROFILE** 



# DJIBOUTI DJIBOUTI

**CAPITAL: DJIBOUTI CITY** 

Area: 200 km2



### **RISK AND VULNERABILITY**

### **COMPONENT SCORE**



**MULTI-HAZARD RISK (MHR) - High** 

Score: 0.529 • Rank: 3/6



Population (2015 Statistics)

475,322



**RESILIENCE (R) - Extremely High** 

Score: 0.707 • Rank: 1/6



**Chronic Food Insecurity (Population at Moderate or Higher)** 

19.1%



**MULTI-HAZARD EXPOSURE (MHE) -**

**Extremely High** 

Score: 1.000 • Rank: 1/6



**Youth Unemployment** 

87.5%



**VULNERABILITY (V) - Very Low** 

Score:0.281 • Rank: 6/6



**Households without Access to** 

**Improved Water** 

3.8%



**COPING CAPACITY (CC) - Extremely** 

High

Score: 0.695 • Rank: 1/6



**Adult Literacy Rate** 

59.0%



# MULTI-HAZARD EXPOSURE (MHE)

**RANK: 1/6 REGIONS** 

**SCORE: 1.000** 



MHE 1.000

Raw MHE 1.000

Relative MHE 1.000

### **ESTIMATED EXPOSURE TO EACH HAZARD:**

**Critical Infrastructure Exposed:** 



**Drought** 

0%

**å** 0

\_



Landslide

10%

**4**6,613

0

**Critical Infrastructure Exposed:** 

8%



**Earthquake** 

100%

**488,788** 

\$2.98 Billion

**Critical Infrastructure Exposed:** 

100%



Sea Level Rise

<1%

**1.849** 

\$4.15 Million

**Critical Infrastructure Exposed:** 

13%



Flash Flood

99%

**484,481** 

\$2.98 Billion

**Critical Infrastructure Exposed:** 

93%



Volcano

0%

**.** (

0

**Critical Infrastructure Exposed:** 

0%



Wildfire

98.5%

**481,246** 

\$2.98 Billion

**Critical Infrastructure Exposed:** 

90%



# **VULNERABILITY (V)**

**RANK: 6 / 6 REGIONS ASSESSED** 

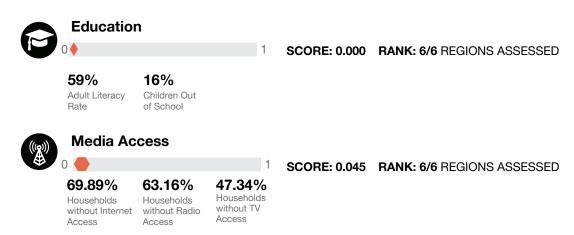
**SCORE: 0.281** 

Vulnerability in Djibouti is primarily driven by Population Pressures and Recent Disaster Impacts. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### Information Access Vulnerability

0 🏀 SCORE: 0.021 RANK: 6/6 REGIONS ASSESSED

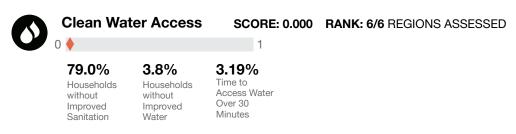




### Standard of Living

0 SCORE: 0.030 RANK: 6/6 REGIONS ASSESSED

29.7% Electricity Access







**RANK:** 6 / 6 REGIONS ASSESSED

**SCORE: 0.281** 



### **Vulnerable Health Status**

1 SCORE: 0.393 RANK: 4/6 REGIONS ASSESSED 4.78% 3.90%

Malnutrition Population Incidence Reporting Malaria



### Inequality

1 SCORE: 0.468 RANK: 3/6 REGIONS ASSESSED

0.40

Gini Coefficient



1 SCORE: 0.481 RANK: 3/6 REGIONS ASSESSED

0.97 36.6%
Female to Male Secondary Access to Microfinance



### **Food Access Vulnerability**

SCORE: 0.022 RANK: 6/6 REGIONS ASSESSED

# Foo

### **Food Insecurity**

1 SCORE: 0.000 RANK: 6/6 REGIONS ASSESSED

8.57% - 19.12%
Food Insecure Households Households Chronic Food Insecurity

Receiving
Food Aid



### Food Supply Vulnerability

SCORE: 0.045 RANK: 6/6 REGIONS ASSESSED

0% 24%
Households
Experiencing Impacted by
Drought Shock Rising Prices



**RANK: 6 / 6 REGIONS ASSESSED** 

**SCORE: 0.281** 



### **Population Pressures**

87.5%

**SCORE: 0.862 RANK: 1/6 REGIONS ASSESSED** 

8.64% Average Annual Population

Growth

Youth Unemployment



### **Populations of Concern**

or Special

Populations

**SCORE: 0.070** 

**RANK: 5/6 REGIONS ASSESSED** 



### Migrants and Refugees





### Other Populations of Concern

Populations

SCORE: 0.139 RANK: 4/6 REGIONS ASSESSED

4.64% 8.7% Elderly Disability Population



### **Recent Disaster Impacts**



2.87% 27.04% Flood Impacts Locust Impacts



### **Environmental Stress**

1 SCORE: 0.000 RANK: 6/6 REGIONS ASSESSED

43.35 Air Quality (ug/

0.00% Groundwater Stress

Income from Sale of Charcoal or Firewood

0.86% Land Degradation



# **COPING CAPACITY (CC)**

**RANK: 1 / 6 REGIONS ASSESSED** 

**SCORE: 0.695** 

Djibouti exhibits weaker Coping Capacity in the areas of Environmental Capacity and Food System Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



### **Economic Capacity**

0 SCORE: 1.000 RANK: 1/6 REGIONS ASSESSED

47%

Labor Force Participation Ratio 19.29% CNSS Insured

**53.7%**Public Sector Employment

**74%**Microfinance
Credit



### **Infrastructure Capacity**

1 SCORE: 0.929 RANK: 1/6 REGIONS ASSESSED

### **Transportation Capacity**

0 1

**2.69**Distance to Port (km)

15.42% Time to Public Transport (within 30 mins) **5.37**Road and Rail Density (km per sq. km)



### **Health Care Capacity**

1 SCORE: 0.859

SCORE: 0.859 RANK: 1/6 REGIONS ASSESSED

### **Health Care Infrastructure**

nfrastructure SCORE: 0.718

**RANK: 2/6 REGIONS ASSESSED** 

**RANK: 1/6 REGIONS ASSESSED** 

98%

Attended Births

15.6 Hospital Beds per 10,000 Persons **3.9**Nurse and Midwives per 10,000 Persons

1.30 Physicians per 10,000 Persons

**SCORE: 1.000** 

### **Health Care Access**

SCORE: 1.000

**RANK: 1/6 REGIONS ASSESSED** 

97.11%

BCG Immunization Coverage **16.18%**Contraceptive Prevalence

**76.26%**Time to Health
Care (under 30
Minutes)



# **COPING CAPACITY (CC)**

**RANK: 1 / 6 REGIONS ASSESSED** 

**SCORE: 0.695** 



### **Food System Capacity**

0

SCORE: 0.758 RANK: 1/6 REGIONS ASSESSED

90.22% Time to Food Market (under

30 Minutes)

16.4% Cultivated Land Area 3,991.00 Average Water Production Surplus (thousands m3)



### Governance

0

SCORE: 0.787 RANK: 1/6 REGIONS ASSESSED

**89.3%**Garbage
Collection

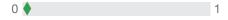
71.21% Time to Police (under 30

Minutes)

**66.46%**Voter
Participation



### **Environmental Capacity**



SCORE: 0.000 RANK: 6/6 REGIONS ASSESSED

165.8

Bird Species Richness (species per sq. km) 1.06%
Important
Biodiversity
Areas



# **RESILIENCE (R)**

RANK: 1 / 6 REGIONS ASSESSED

**SCORE: 0.707** 

Djibouti's score and ranking are due to Very Low Vulnerability combined with Extremely High Coping Capacity scores.

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



Population Pressures



Recent Disaster Impacts



Environmental Capacity



Food System Capacity

# **KEY FACTORS INFLUENCING RESILIENCE**



### **Population Pressures**

Rapid changes in population size and distribution can alter population vulnerability characteristics presenting planning challenges and destabilizing social, economic, and environmental systems. Increased population pressures require disaster managers to realign needs, institutional structures, and available resources to support delivery of basic resources before, during, and after an event.



# **Recent Disaster Impacts**

Communities that have recently been affected by a disaster may still be recovering and therefore be more susceptible to additional stressors. A recent disaster experience can leave direct and indirect impacts on the physical and mental health of a population, and disrupt economies, investments, and households. The long-term recovery of an area can be hampered by funding constraints, lack of materials and labor, and local or national laws that inhibit quick advances. Pre-disaster planning for post-disaster recovery and promoting adaptation strategies for long-term disaster recovery can help communities cope with repeated events and avoid lingering post-disaster consequences



# **Environmental Capacity**

Properly managed environments sustain populations by providing food, water, and even economic benefits from industries such as tourism. Increasing protected areas can also serve as additional buffers between the population and impacted areas.



### **Food System Capacity**

The changing frequency and intensity of disasters can expose the entire food system to supply chain disruptions. Build more resilient and climate-friendly local agricultural systems through training of farmers in sustainable practices (e.g., soil improvement, erosion reduction) and improve efficiencies in food marketing, storage, delivery, and waste management to improve the nutrition and food security of present and future generations.



# **HAZARD-SPECIFIC RISK (HSR)**

**Drought** RANK: 6 / 6 REGIONS ASSESSED SCORE: 0,000 Earthquake RANK: 2 / 6 REGIONS ASSESSED SCORE: 0.434 Flash Flood **RANK: 2/6 REGIONS ASSESSED** SCORE: 0,431 Landslide **RANK: 4/6 REGIONS ASSESSED** SCORE: 0.163 Sea Level Rise RANK: 3 / 6 REGIONS ASSESSED SCORE: 0.306 Volcano RANK: 5/6 REGIONS ASSESSED SCORE: 0.000

RANK: 1 / 6 REGIONS ASSESSED

SCORE: 0.434

Wildfire



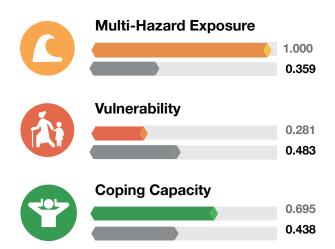
# **MULTI-HAZARD RISK (MHR)**

3 / 6
RANK WITHIN REGIONS
Score: 0.529

Djibouti's score and ranking are due to Extremely High Multi-hazard Exposure combined with Very Low Vulnerability and Extremely High Coping Capacity scores.

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







Better solutions. Fewer disasters.

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OBOCK

# **NDPBA REGIONAL PROFILE**



# **DJIBOUTI OBOCK**

**CAPITAL: OBOCK** 

Area: 4,700 km2



### **RISK AND VULNERABILITY**

### **COMPONENT SCORE**



**MULTI-HAZARD RISK (MHR) - Very** 

Score: 0.543 • Rank: 2/6



Population (2015 Statistics)

37,856



**RESILIENCE (R) - Very Low** 

Score: 0.323 • Rank: 6/6



**Chronic Food Insecurity (Population** at Moderate or Higher)

56.0%



**MULTI-HAZARD EXPOSURE (MHE) -**

**Moderate** 

Score: 0.275 • Rank: 4/6



Youth Unemployment

84.2%



**VULNERABILITY (V) - Extremely** 

High

Score:0.616 • Rank: 1/6



**Households without Access to Improved Water** 

70.1%



**COPING CAPACITY (CC) - Low** 

Score: 0.263 • Rank: 5/6



**Adult Literacy Rate** 

23.0%



# MULTI-HAZARD EXPOSURE (MHE)

**RANK: 4/6 REGIONS** 

**SCORE: 0.275** 



MHE 0.275

Raw MHE 0.007

Relative MHE 0.543

### **ESTIMATED EXPOSURE TO EACH HAZARD:**

**Critical Infrastructure Exposed:** 



**Drough**t

**36%** 

**4** 17,145

-



Landslide

19%

**9,087** 

\$58.1 Million

**Critical Infrastructure Exposed:** 

**7**%



**Earthquake** 

90%

**42.427** 

\$147 Million

**Critical Infrastructure Exposed:** 

89%



Sea Level Rise

1%

**407** 

\$1.37 Million

**Critical Infrastructure Exposed:** 

20%



Flash Flood

91%

**42,995** 

\$139 Million

**Critical Infrastructure Exposed:** 

97%



Volcand

<1%

**4** 69

0

**Critical Infrastructure Exposed:** 

0%



Wildfire

0%

**.** (

Λ

**Critical Infrastructure Exposed:** 

0%



# **VULNERABILITY (V)**

**RANK: 1 / 6 REGIONS ASSESSED** 

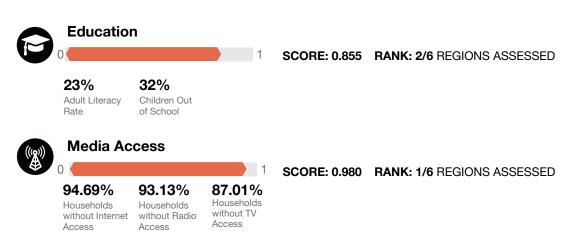
**SCORE: 0.616** 

Vulnerability in Obock is primarily driven by Vulnerable Health Status and Standard of Living. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### **Information Access Vulnerability**







### Standard of Living

1 SCORE: 0.934 RANK: 1/6 REGIONS ASSESSED

79.1% Electricity Access







**RANK: 1/6 REGIONS ASSESSED** 

**SCORE: 0.616** 



### **Vulnerable Health Status**

SCORE: 1.000 RANK: 1/6 REGIONS ASSESSED 8.68% 5.92%

Malnutrition Population Reporting Incidence Malaria



### Inequality

SCORE: 0.182 RANK: 6/6 REGIONS ASSESSED

0.38

Gini Coefficient



1 SCORE: 0.000 RANK: 6/6 REGIONS ASSESSED

53.2% 1.17 Female to Male Women's Secondary Access to Enrollment Microfinance



### **Food Access Vulnerability**

SCORE: 0.574 RANK: 2/6 REGIONS ASSESSED



### **Food Insecurity**

SCORE: 0.422 RANK: 3/6 REGIONS ASSESSED

12.17%

68.2% Food Insecure Rural Households Households Receiving

56.00% Chronic Food Insecurity

### **Food Supply Vulnerability**

Food Aid

SCORE: 0.725 RANK: 2/6 REGIONS ASSESSED

33% 75% Households Households Experiencing Impacted by Drought Shock Rising Prices



**RANK: 1 / 6 REGIONS ASSESSED** 

**SCORE: 0.616** 



### **Population Pressures**

1 SCORE: 0.424

**RANK: 3/6 REGIONS ASSESSED** 



### **Populations of Concern**

Populations

84.2%

Unemployment

Youth

1 SCORE: 0.559 RANK: 3/6 REGIONS ASSESSED



5.97%

Population

Growth

Average Annual

### Migrants and Refugees

1 SCORE: 0.483 RANK: 6/6 REGIONS ASSESSED

43.24% 4.09% 36% Stranded or Special Populations Migrants



### Other Populations of Concern

1 SCORE: 0.635 RANK: 2/6 REGIONS ASSESSED

5.44% 10.0% Elderly Population Disability



### **Recent Disaster Impacts**

1 SCORE: 0.500 RANK: 2/6 REGIONS ASSESSED

8.68% 0.00% Flood Impacts Locust Impacts



### **Environmental Stress**

1 SCORE: 0.457 RANK: 4/6 REGIONS ASSESSED

**39.57** Air Quality (ug/

**98.28%** Groundwater

Stress

12.4% Income from Sale of Charcoal or Firewood 23.15% Land Degradation

PDC Global



# **COPING CAPACITY (CC)**

**RANK: 5 / 6 REGIONS ASSESSED** 

**SCORE: 0.263** 

Obock exhibits weaker Coping Capacity in the areas of Food System Capacity and Transportation Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



### **Economic Capacity**

1 SCORE: 0.276 RANK: 5/6 REGIONS ASSESSED

30%

Labor Force Participation Ratio **9.03%**CNSS Insured

45.4%
Public Sec

Public Sector Employment 3% Microfinance Credit

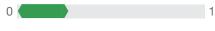


### Infrastructure Capacity

1 SCORE: 0.431 RANK: 4/6 REGIONS ASSESSED



### **Transportation Capacity**



1 SCORE: 0.247

**RANK: 4/6 REGIONS ASSESSED** 

6.01

Distance to Port (km)

**4.61%**Time to Public Transport (within 30 mins)

O.14
Road and Rail
Density (km
per sq. km)



### **Health Care Capacity**

0 1

SCORE: 0.614 RANK: 2/6 REGIONS ASSESSED

**Health Care Infrastructure** 

SCORE: 0.892

**RANK: 1/6 REGIONS ASSESSED** 

97%

Attended Births

13.7 Hospital Beds per 10,000 Persons 10.0 Nurse and Midwives per 10,000

Persons

1.58 Physicians per 10,000 Persons

**Health Care Access** 

SCORE: 0.337

**RANK: 5/6 REGIONS ASSESSED** 

93.32%

BCG Immunization Coverage **7.27%**Contraceptive Prevalence

49.24% Time to Health Care (under 30 Minutes)



# **COPING CAPACITY (CC)**

**RANK: 5 / 6 REGIONS ASSESSED** 

**SCORE: 0.263** 



### **Food System Capacity**

1.4%

0 🌢

SCORE: 0.000 RANK: 6/6 REGIONS ASSESSED

**35.33%** Time to Food

Time to Food Cultivated Market (under Land Area 30 Minutes) 129.43 Average Water

Production Surplus (thousands m3)



### Governance



SCORE: 0.333 RANK: 5/6 REGIONS ASSESSED

29.5% Garbage Collection

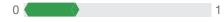
T

27.73% 91.73%

Time to Police (under 30 Minutes) Voter Participation



### **Environmental Capacity**



SCORE: 0.273 RANK: 5/6 REGIONS ASSESSED

183.3

Bird Species Richness (species per sq. km) **4.56%**Important
Biodiversity

Areas



# **RESILIENCE (R)**

**RANK: 6 / 6 REGIONS ASSESSED** 

**SCORE: 0.323** 

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

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



Vulnerable Health Status



Standard of Living



Food System Capacity



Transportation Capacity

# **KEY FACTORS INFLUENCING RESILIENCE**



### **Vulnerable Health Status**

A population with a compromised health status will have a greatly reduced ability to manage short- and long-term disaster outcomes. Improving health is often correlated with decreased susceptibility to injury, disease, and stress associated with disasters. Acute or prolonged vulnerable health status limits the basic capacity of response functions.



### Standard of Living

Unsound or poorly constructed homes are more susceptible to disaster impacts, as are households lacking basic amenities. Households without easy or adequate access to water distribution and containment systems face significant demands on daily routines that effectively limit their response and recovery capacity and the ability to maintain livelihoods. Increasing access to improved water and sanitation improves health outcomes and frees up resources to decrease further susceptibility to impacts. Expansion of electrical access into remote and underserved communities will increase accessibility to alert and warning information.



# **Food System Capacity**

The changing frequency and intensity of disasters can expose the entire food system to supply chain disruptions. Build more resilient and climate-friendly local agricultural systems through training of farmers in sustainable practices (e.g., soil improvement, erosion reduction) and improve efficiencies in food marketing, storage, delivery, and waste management to improve the nutrition and food security of present and future generations.



# **Transportation Capacity**

Denser and more diverse transportation networks provide more options for bringing outside resources into an impacted area 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)**

Drought RANK: 3 / 6 REGIONS ASSESSED SCORE: 0.332

Earthquake RANK: 6 / 6 REGIONS ASSESSED SCORE: 0.000

Flash Flood

RANK: 1/6 REGIONS ASSESSED SCORE: 0.490

Landslide RANK: 2/6 REGIONS ASSESSED SCORE: 0.314

Sea Level Rise
RANK: 1 / 6 REGIONS ASSESSED
SCORE: 0.638

Volcano

RANK: 4/ 6 REGIONS ASSESSED
SCORE: 0.001

Wildfire RANK: 6 / 6 REGIONS ASSESSED SCORE: 0.000



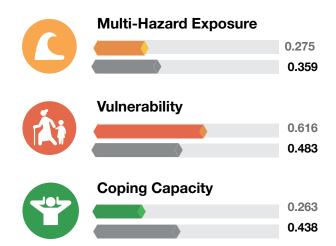
# **MULTI-HAZARD RISK (MHR)**

2 / 6
RANK WITHIN REGIONS
Score: 0.543

Obock's score and ranking are due to Moderate Multi-hazard Exposure combined with Extremely High Vulnerability and Low Coping Capacity scores.

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







Better solutions. Fewer disasters.

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DJIBOUTI TADJOURAH

**NDPBA REGIONAL PROFILE** 



# DJIBOUTI TADJOURAH

**CAPITAL: TADJOURAH CITY** 

Area: 7,100 km2



# RISK AND VULNERABILITY COMPONENT SCORE



### **MULTI-HAZARD RISK (MHR) -**

**Extremely High** 

Score: 0.568 • Rank: 1/6



Population (2015 Statistics)

86,704



**RESILIENCE (R) - Low** 

Score: 0.325 • Rank: 5/6



**Chronic Food Insecurity (Population at Moderate or Higher)** 

40.0%



### **MULTI-HAZARD EXPOSURE (MHE) -**

**Very High** 

Score: 0.354 • Rank: 2/6



**Youth Unemployment** 

92.9%



**VULNERABILITY (V) - Very High** 

Score:0.590 • Rank: 2/6



Households without Access to Improved Water

78.5%



**COPING CAPACITY (CC) - Very Low** 

Score: 0.239 • Rank: 6/6



**Adult Literacy Rate** 

21.0%



# MULTI-HAZARD EXPOSURE (MHE)

**RANK: 2/6 REGIONS** 

**SCORE: 0.354** 



MHE 0.354

Raw MHE 0.105

Relative MHE 0.602

### **ESTIMATED EXPOSURE TO EACH HAZARD:**



**Drought** 

25%

**28.361** 

-

**Critical Infrastructure Exposed:** 

\_



Landslide

53%

**\$** 59,004

\$114 Million

**Critical Infrastructure Exposed:** 

15%



**Earthquake** 

99%

**1**09.814

\$382 Million

**Critical Infrastructure Exposed:** 

99%



Sea Level Rise

0%

**344** 

\$830,000

**Critical Infrastructure Exposed:** 

17%



Flash Flood

51%

**\$** 56,936

\$235 Million

**Critical Infrastructure Exposed:** 

**75%** 



Volcano

23%

**25,500** 

\$116 Million

**Critical Infrastructure Exposed:** 

2%



Wildfire

4.6%

**5,123** 

\$100 Million

**Critical Infrastructure Exposed:** 

3%



# **VULNERABILITY (V)**

**RANK: 2 / 6 REGIONS ASSESSED** 

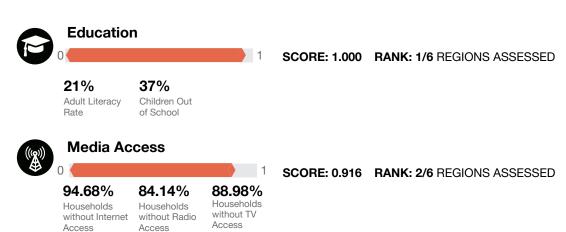
**SCORE: 0.590** 

Vulnerability in Tadjourah is primarily driven by Information Access Vulnerability and Population Pressures. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### **Information Access Vulnerability**

0 SCORE: 0.956 RANK: 1/6 REGIONS ASSESSED



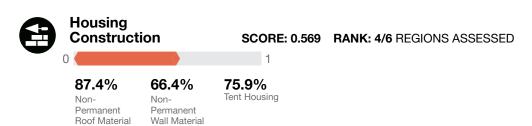


### Standard of Living

1 SCORE: 0.778 RANK: 3/6 REGIONS ASSESSED

78.1% Electricity Access







**RANK: 2/6 REGIONS ASSESSED** 

**SCORE: 0.590** 



### **Vulnerable Health Status**

SCORE: 0.000 RANK: 6/6 REGIONS ASSESSED

3.34% Malnutrition

1.75% Population

Incidence

Reporting Malaria



### Inequality

SCORE: 0.672 RANK: 1/6 REGIONS ASSESSED

0.52

Gini Coefficient



### **Gender Inequality**

1 SCORE: 0.345 RANK: 5/6 REGIONS ASSESSED

0.90

47.0%

Female to Male Secondary Enrollment

Women's Access to Microfinance



### **Food Access Vulnerability**

SCORE: 0.642 RANK: 1/6 REGIONS ASSESSED



### **Food Insecurity**

SCORE: 0.780 RANK: 1/6 REGIONS ASSESSED

19.04%

Households

95.4% Food Insecure

Rural Households Receiving Food Aid

40.00% Chronic Food Insecurity



### **Food Supply Vulnerability**

SCORE: 0.504 RANK: 3/6 REGIONS ASSESSED

48% 27%

Households Experiencing Drought Shock

Households Impacted by Rising Prices



**RANK: 2/6 REGIONS ASSESSED** 

**SCORE: 0.590** 



### **Population Pressures**

**SCORE: 0.804** 

**RANK: 2/6 REGIONS ASSESSED** 

7.16% Average Annual Population Growth

92.9% Youth Unemployment



### **Populations of Concern**

or Special

Populations

**SCORE: 0.595** 

Migrants

**RANK: 2/6 REGIONS ASSESSED** 

SCORE: 0.690 RANK: 1/6 REGIONS ASSESSED



### Migrants and Refugees

1 55.82% 23% Stranded Nomadic Refugee



### Other Populations of Concern

Populations

SCORE: 0.500 RANK: 3/6 REGIONS ASSESSED

5.59% 7.7% Elderly Disability Population



## **Recent Disaster Impacts**

3.26%

SCORE: 0.060 RANK: 6/6 REGIONS ASSESSED

0.00% Flood Impacts

Locust Impacts



### **Environmental Stress**

SCORE: 0.801 RANK: 3/6 REGIONS ASSESSED

36.42 Air Quality (ug/ 99.80%

15.7% Income

44.40% Land Degradation

Groundwater from Sale of Stress Charcoal or Firewood



# **COPING CAPACITY (CC)**

**RANK: 6 / 6 REGIONS ASSESSED** 

**SCORE: 0.239** 

Tadjourah exhibits weaker Coping Capacity in the areas of Transportation Capacity and Food System Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



### **Economic Capacity**

**SCORE: 0.279 RANK: 4/6 REGIONS ASSESSED** 

27%

Labor Force Participation Ratio

6.63%

**CNSS Insured** 

52.9% Public Sector Employment

4% Microfinance Credit

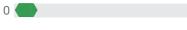


### Infrastructure Capacity

**SCORE: 0.169 RANK: 6/6 REGIONS ASSESSED** 



### **Transportation Capacity**



12.53 Distance to Port (km)

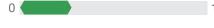
Time to Public Transport (within 30 mins)

4.98%

0.2 Road and Rail Density (km per sq. km)



### **Health Care Capacity**



**SCORE: 0.252** 

1 SCORE: 0.085

**RANK: 6/6 REGIONS ASSESSED** 

**RANK: 6/6 REGIONS ASSESSED** 

# **Health Care Infrastructure** 9.3

**SCORE: 0.443** 

**RANK: 5/6 REGIONS ASSESSED** 

98% Attended Births

Hospital Beds per 10,000 Persons

5.5 Nurse and Midwives per 10,000 Persons

0.35 Physicians per 10.000 Persons

### **Health Care Access**

**SCORE: 0.062** 

**RANK: 6/6 REGIONS ASSESSED** 

81.79%

BCG Immunization Coverage

4.17% Contraceptive Prevalence

54.28% Time to Health Care (under 30 Minutes)



# **COPING CAPACITY (CC)**

**RANK: 6 / 6 REGIONS ASSESSED** 

**SCORE: 0.239** 



### **Food System Capacity**

0

SCORE: 0.122 RANK: 5/6 REGIONS ASSESSED

46.79% Time to Food Market (under

30 Minutes)

8.6% 2
Cultivated A
Land Area

**223.86**Average Water Production Surplus (thousands m3)



### Governance



SCORE: 0.267 RANK: 6/6 REGIONS ASSESSED

**29.7**%

Ţi

**29.60% 81.62%** Voter

Garbage Collection Time to Police (under 30 Minutes)





### **Environmental Capacity**



SCORE: 0.361 RANK: 4/6 REGIONS ASSESSED

190.5

Bird Species Richness (species per sq. km) 4.83%
Important
Biodiversity
Areas



# **RESILIENCE (R)**

**RANK: 5 / 6 REGIONS ASSESSED** 

**SCORE: 0.325** 

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

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



Information Access Vulnerability



Population Pressures



Transportation Capacity



Food System Capacity

# **KEY FACTORS INFLUENCING RESILIENCE**



# **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.



# **Population Pressures**

Rapid changes in population size and distribution can alter population vulnerability characteristics presenting planning challenges and destabilizing social, economic, and environmental systems. Increased population pressures require disaster managers to realign needs, institutional structures, and available resources to support delivery of basic resources before, during, and after an event.



# **Transportation Capacity**

Denser and more diverse transportation networks provide more options for bringing outside resources into an impacted area 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.

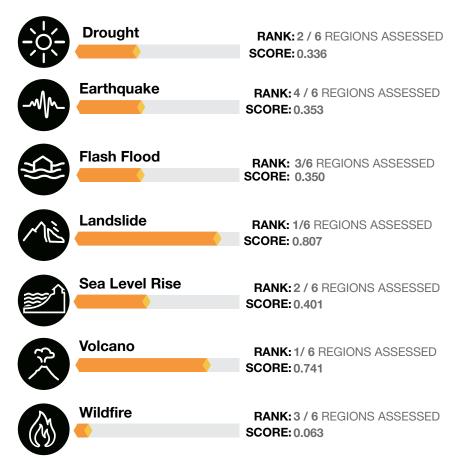


### **Food System Capacity**

The changing frequency and intensity of disasters can expose the entire food system to supply chain disruptions. Build more resilient and climate-friendly local agricultural systems through training of farmers in sustainable practices (e.g., soil improvement, erosion reduction) and improve efficiencies in food marketing, storage, delivery, and waste management to improve the nutrition and food security of present and future generations.



# **HAZARD-SPECIFIC RISK (HSR)**





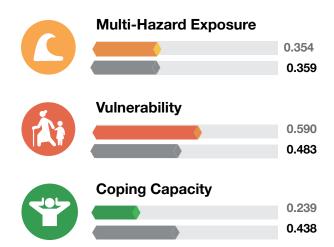
# **MULTI-HAZARD RISK (MHR)**

1/6
RANK WITHIN REGIONS
Score: 0.568

Tadjourah's score and ranking are due to Very High Multi-hazard Exposure combined with Very High Vulnerability and Very Low Coping Capacity scores.

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







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# **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

### **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: /



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# MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

**Relative MHE** 

RANK: / SCORE:

### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



# **VULNERABILITY (V)**

**RANK: / ASSESSED** 

**SCORE:** 

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.

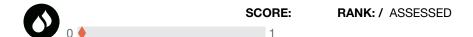


0 SCORE: RANK: / ASSESSED













SCORE:









1 SCORE: RANK: / ASSESSED



SCORE:













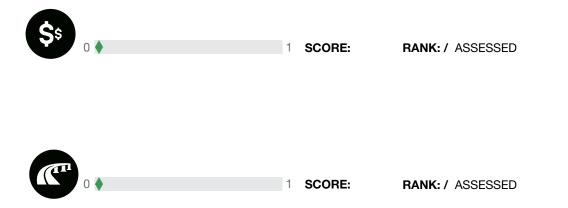


# **COPING CAPACITY (CC)**

RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.







SCORE: RANK: / ASSESSED

SCORE: RANK: / ASSESSED



SCORE:



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SCORE:

**RANK: / ASSESSED** 



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SCORE:

**RANK: / ASSESSED** 



RESILIENCE (R)

RANK: / ASSESSED

**SCORE:** 

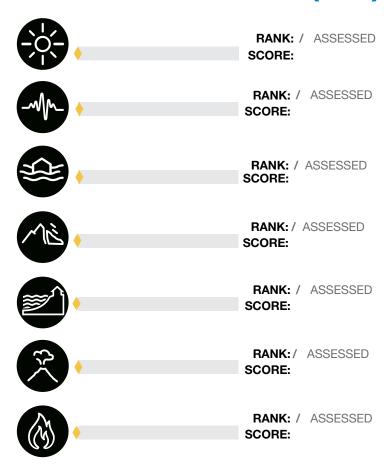
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

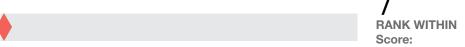


# **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



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







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# **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

### **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: /



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# MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

**Relative MHE** 

RANK: / SCORE:

### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



# **VULNERABILITY (V)**

**RANK: / ASSESSED** 

**SCORE:** 

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



0 SCORE: RANK: / ASSESSED













SCORE:

SCORE: RANK: / ASSESSED









1 SCORE: RANK: / ASSESSED



SCORE:















# **COPING CAPACITY (CC)**

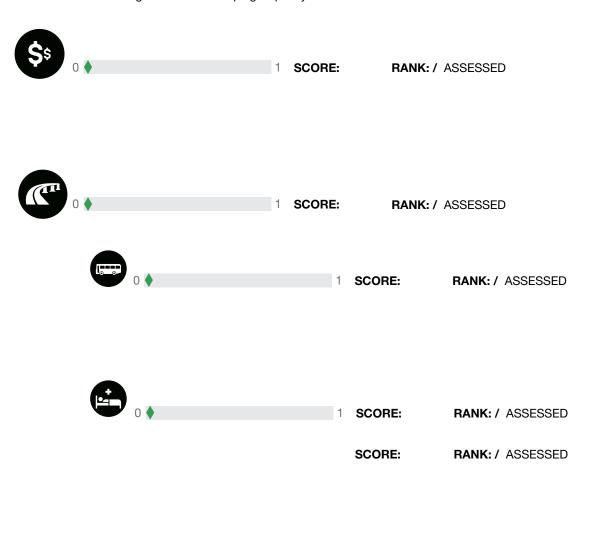
RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.

SCORE:

RANK: / ASSESSED





SCORE:



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SCORE:

RANK: / ASSESSED



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SCORE:

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**RANK: / ASSESSED** 



RESILIENCE (R)

RANK: / ASSESSED

**SCORE:** 

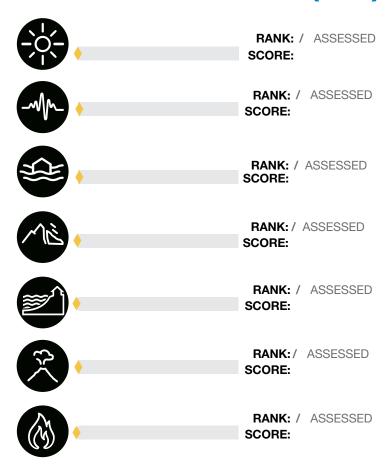
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

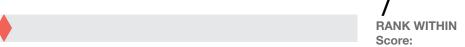


# **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



'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:







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# **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

### **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: /



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# MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

**Relative MHE** 

RANK: / SCORE:

### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



# **VULNERABILITY (V)**

**RANK: / ASSESSED** 

**SCORE:** 

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



0 SCORE: RANK: / ASSESSED













SCORE:









0 No Score: RANK: / ASSESSED



SCORE:













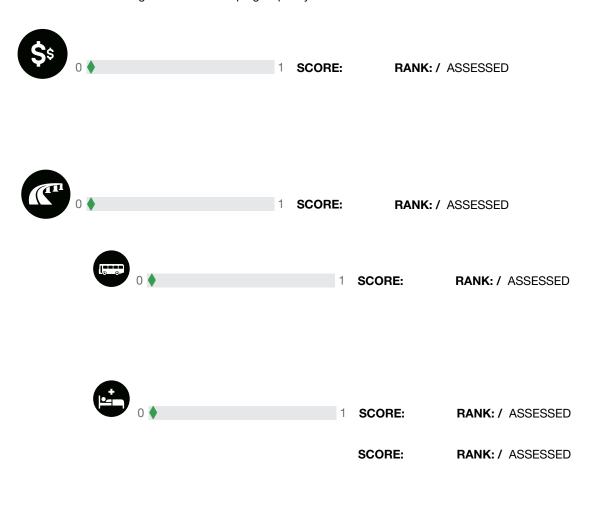


# **COPING CAPACITY (CC)**

RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



SCORE: RANK: / ASSESSED



SCORE:



SCORE:

**RANK: / ASSESSED** 



SCORE:

**RANK: / ASSESSED** 



SCORE:

**RANK: / ASSESSED** 



RESILIENCE (R)

**RANK: / ASSESSED** 

**SCORE:** 

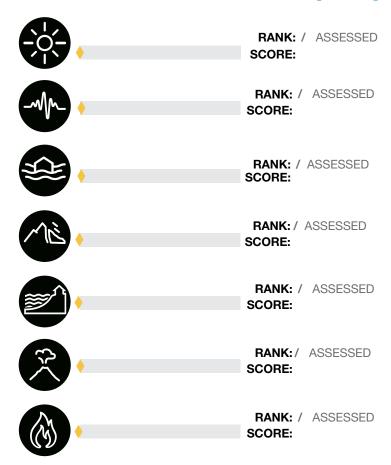
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

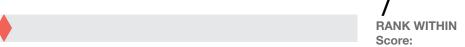


# **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



'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:







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# **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

### **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: /





# MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

**Relative MHE** 

RANK: / SCORE:

### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



# **VULNERABILITY (V)**

**RANK: / ASSESSED** 

SCORE:

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



0 SCORE: RANK: / ASSESSED













SCORE:









0 No Score: RANK: / ASSESSED



SCORE:













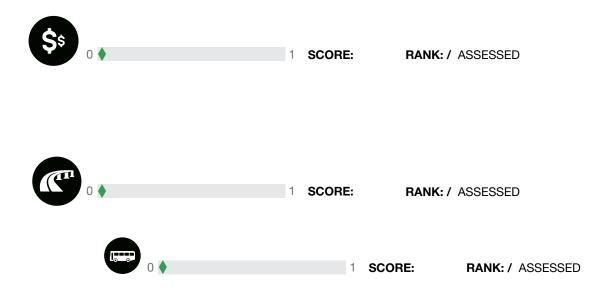


# **COPING CAPACITY (CC)**

RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



0 N 1 SCORE: RANK: / ASSESSED

SCORE: RANK: / ASSESSED

SCORE: RANK: / ASSESSED



SCORE:



SCORE:

**RANK: / ASSESSED** 



SCORE:

**RANK: / ASSESSED** 



SCORE:

**RANK: / ASSESSED** 



RESILIENCE (R)

**RANK: / ASSESSED** 

**SCORE:** 

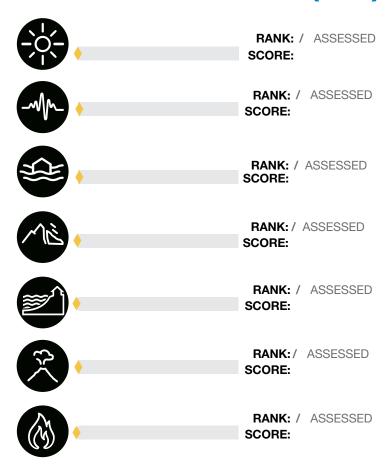
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

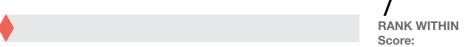


# **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



'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:







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# **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

### **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: /





# MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

Relative MHE

RANK: / SCORE:

### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



# **VULNERABILITY (V)**

**RANK: / ASSESSED** 

**SCORE:** 

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.

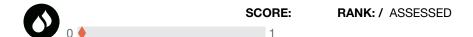


0 SCORE: RANK: / ASSESSED













SCORE:









0 No Score: RANK: / ASSESSED



SCORE:













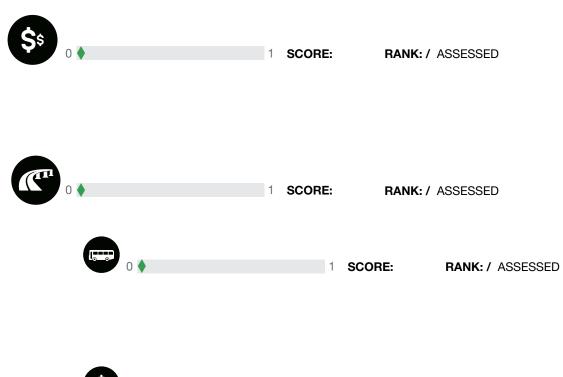


# **COPING CAPACITY (CC)**

RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



0 N 1 SCORE: RANK: / ASSESSED

SCORE: RANK: / ASSESSED

SCORE: RANK: / ASSESSED



SCORE:



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SCORE:

**RANK: / ASSESSED** 



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SCORE:

**RANK: / ASSESSED** 



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SCORE:

**RANK: / ASSESSED** 



RESILIENCE (R)

**RANK: / ASSESSED** 

**SCORE:** 

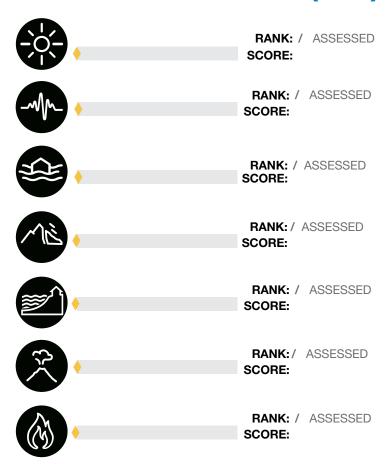
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

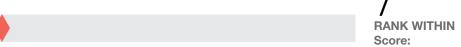


# **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



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







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# **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

### **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: /





# MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

**Relative MHE** 

RANK: / SCORE:

### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



# **VULNERABILITY (V)**

**RANK: / ASSESSED** 

SCORE:

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.

















SCORE:









0 ♦ 1 SCORE: RANK: / ASSESSED



SCORE:













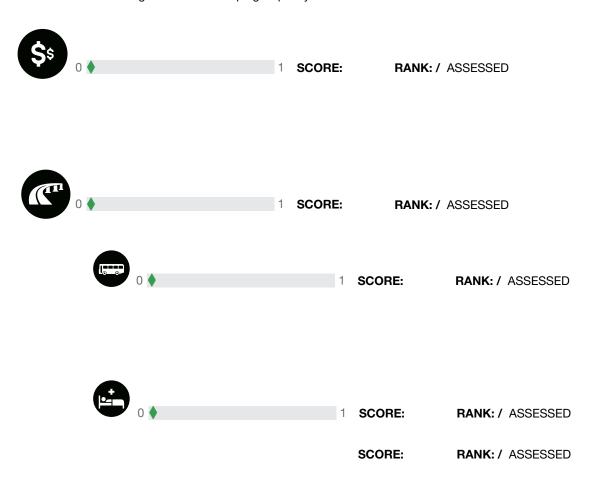


# **COPING CAPACITY (CC)**

RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



SCORE: RANK: / ASSESSED



SCORE:



0 •

SCORE:

**RANK: / ASSESSED** 



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SCORE:

**RANK: / ASSESSED** 



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SCORE:

**RANK: / ASSESSED** 



RESILIENCE (R)

RANK: / ASSESSED

**SCORE:** 

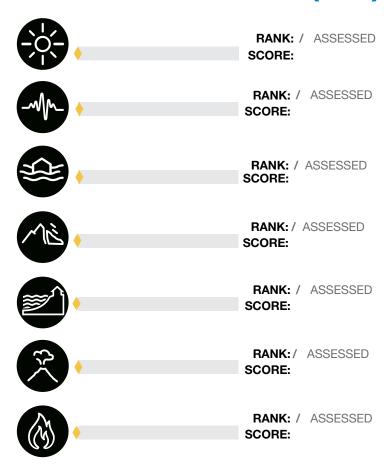
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

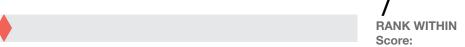


# **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



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







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## **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

#### **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: /





## MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

**Relative MHE** 

RANK: / SCORE:

#### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



## **VULNERABILITY (V)**

**RANK: / ASSESSED** 

SCORE:

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



0 SCORE: RANK: / ASSESSED













SCORE:









0 ♦ 1 SCORE: RANK: / ASSESSED



SCORE:













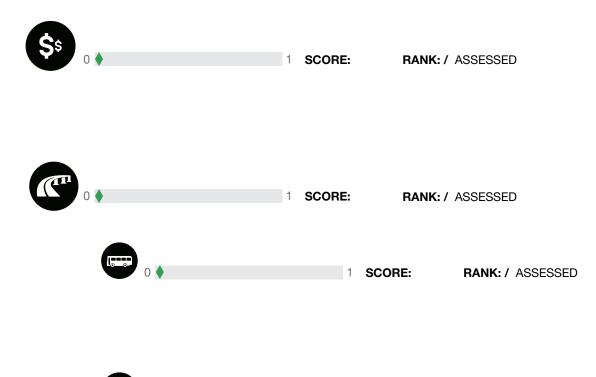


## **COPING CAPACITY (CC)**

RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



0 N 1 SCORE: RANK: / ASSESSED

SCORE: RANK: / ASSESSED

SCORE: RANK: / ASSESSED



SCORE:



0 •

SCORE:

**RANK: / ASSESSED** 



0 • 1

SCORE:

**RANK: / ASSESSED** 



0

1

SCORE:

**RANK: / ASSESSED** 



RESILIENCE (R)

RANK: / ASSESSED

**SCORE:** 

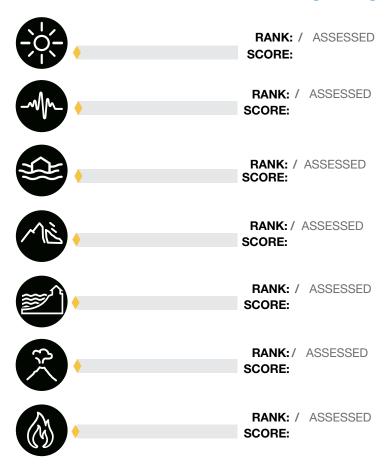
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

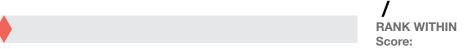


## **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



'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:







Better solutions. Fewer disasters.

# Safer Morida.

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ndpba.dji@pdc.org

## **NDPBA REGIONAL PROFILE**



#### **CAPITAL:**

Area:

#### **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: /





## MULTI-HAZARD EXPOSURE (MHE)

MHE

Raw MHE

Relative MHE

RANK: / SCORE:

#### **ESTIMATED EXPOSURE TO EACH HAZARD:**









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 









**Critical Infrastructure Exposed:** 

**Critical Infrastructure Exposed:** 





**Critical Infrastructure Exposed:** 



## **VULNERABILITY (V)**

**RANK: / ASSESSED** 

SCORE:

Vulnerability in is primarily driven by and . The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



0 SCORE: RANK: / ASSESSED













SCORE:









1 SCORE: RANK: / ASSESSED



SCORE:













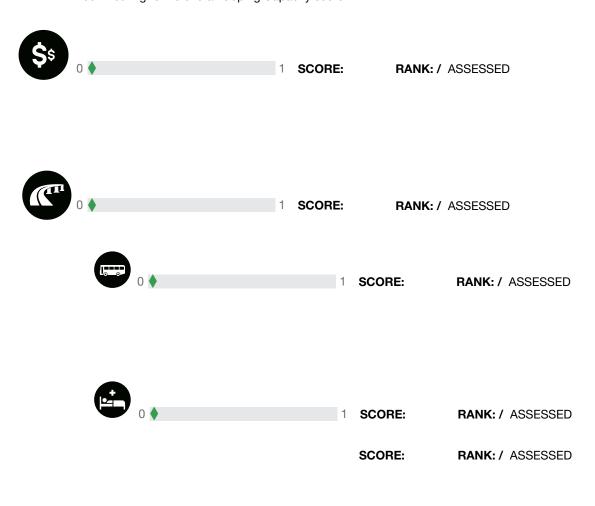


## **COPING CAPACITY (CC)**

RANK: / ASSESSED

SCORE:

exhibits weaker Coping Capacity in the areas of and . The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



SCORE: RANK: / ASSESSED



SCORE:



0 •

SCORE:

**RANK: / ASSESSED** 



0 •

SCORE:

**RANK: / ASSESSED** 



0

1 SCORE:

**RANK: / ASSESSED** 



RESILIENCE (R)

RANK: / ASSESSED

**SCORE:** 

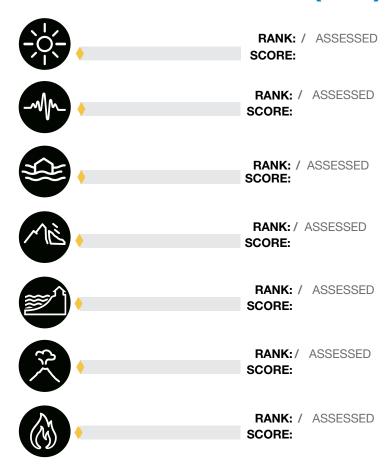
's score and ranking are due to Vulnerability combined with Coping Capacity scores.

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

### **KEY FACTORS INFLUENCING RESILIENCE**

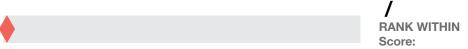


## **HAZARD-SPECIFIC RISK (HSR)**





## **MULTI-HAZARD RISK (MHR)**



'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:







Better solutions. Fewer disasters.

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