



CABO VERDE

MOSTEIROS

NDPBA MUNICIPAL PROFILE

CABO VERDE MOSTEIROS



ISLAND: FOGO

Area: 89 km²

Mosteiros is situated in the northeastern corner of the volcanic Fogo Island where the stratovolcano Pico de Fogo sits. It is one of three municipalities on Fogo bordered by the municipality of São Filipe to the west, and by the municipality of Santa Catarina do Fogo to the south. Mosteiros occupies about 18% of the island’s land area and has about 26% of the island’s population. It is about 35 to 50 km from the island’s capital, São Filipe. Due to rich volcanic soils, and good micro-climates, agriculture is the main economic activity followed by fishing. Income from emigrants have facilitated urban expansion and some tourist activity exists. Coffee cultivation is one of the main agricultural crops along with vine and cotton cultivation. Wine and textiles are the main exports. The municipality of Mosteiros was established in 1991 and consists of one civil parish, Nossa Senhora da Ajuda, and further subdivided into smaller settlements. In 2014, Mosteiros sustained damages from an eruption of the Pico de Fogo volcano that lasted more than 50 days.

RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Moderate
Score: 0.490 • Rank: 11/22



RESILIENCE (R) - Moderate
Score: 0.506 • Rank: 11/22



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.483 • Rank: 6/22



VULNERABILITY (V) - Moderate
Score: 0.444 • Rank: 11/22



COPING CAPACITY (CC) - Moderate
Score: 0.456 • Rank: 11/22



Population (2020 projected)
9,243



Infant mortality rate
(per 1,000 live births)
10.5



Poverty rate
30.6%



Population with access
to improved water
87.9%



Average years of schooling
6.9



MULTI-HAZARD EXPOSURE (MHE)

RANK: 6 / 22 MUNICIPALITIES
SCORE: 0.483



MHE
0.483

Raw MHE
0.317

Relative MHE
0.649

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Drought

92.9%

8,700

\$100.6 Million

**Critical Infrastructure Exposed:
92.0%**



Flood

0.0%

0

-

**Critical Infrastructure Exposed:
0.0%**



Earthquake Induced Landslide

2.1%

198

-

**Critical Infrastructure Exposed:
13.0%**



Precipitation Induced Landslide

11.9%

1,115

-

**Critical Infrastructure Exposed:
8.0%**



Volcano

76.3%

7,139

\$100.6 Million

**Critical Infrastructure Exposed:
92.0%**



Forest Fire

23.4%

2,189

\$872,800

**Critical Infrastructure Exposed:
17.0%**



VULNERABILITY (V)

RANK: 11 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.444

Vulnerability in Mosteiros is primarily driven by Gender Inequality and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



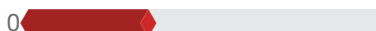
Environmental Stress

0  1 **SCORE: 0.277** **RANK: 14/22 MUNICIPALITIES ASSESSED**

0.47 Livestock Density per Hectare	25.7% Households Using Firewood as Cooking Fuel	1.8% Loss in Tree Cover (2001 to 2020)
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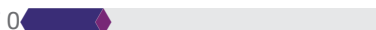
Vulnerable Health Status

0  1 **SCORE: 0.348** **RANK: 20/22 MUNICIPALITIES ASSESSED**

10.5 Infant Mortality Rate (per 1,000 live births)	6.9% Disabled Population	32.0 TB Prevalence per 100k Persons	21.5 HIV Incidence per 100K Persons
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Clean Water Vulnerability

0  1 **SCORE: 0.217** **RANK: 16/22 MUNICIPALITIES ASSESSED**

6.8 Average Time to Collect Water for Household Use	89.5% Households with Access to Wastewater Services	87.9% Population with Access to Improved Water
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Information Access Vulnerability

0  1 **SCORE: 0.543** **RANK: 12/22 MUNICIPALITIES ASSESSED**

85.9% Adult Literacy Rate	6.9 Average Years of Schooling	74.0% Households with Television	35.9% Households with radio	87.4% Households with Internet access
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Economic Constraints

0  1 **SCORE: 0.467** **RANK: 14/22 MUNICIPALITIES ASSESSED**

0.57 Age dependency ratio	0.34 Gini index	7.3% Unemployment Rate	30.6% Poverty rate	9.6% Households owning a vehicle
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Gender Inequality

0  1 **SCORE: 0.767** **RANK: 2/22 MUNICIPALITIES ASSESSED**


38.5%
Female Seats
Municipal City
Council

0.45
Female to male labor
participants

1.13
Parity in Secondary
Education Enrollment



Population Pressures

0  1 **SCORE: 0.488** **RANK: 11/22 MUNICIPALITIES ASSESSED**

-0.30%
Average annual
population
change

-51.87
Net Migration
Rate (per 1,000
persons)

24.93
Youth Bulge



COPING CAPACITY (CC)

RANK: 11 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.456

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



Economic Capacity

0  1 **SCORE: 0.178** **RANK: 19/22 MUNICIPALITIES ASSESSED**

49.92% **0** **119,798**
Economic Activity Rate Financial Service Locations per 10k Persons Avg Annual Expenditures per Capita CVE




Governance

0  1 **SCORE: 0.605** **RANK: 12/22 MUNICIPALITIES ASSESSED**

74% **325.22** **66.9%**
Population Properly Disposing Waste Crimes Reported per 10k persons Voter Participation Rate in Local Elections



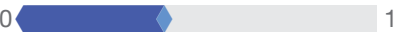
Environmental Capacity

0  1 **SCORE: 0.982** **RANK: 2/22 MUNICIPALITIES ASSESSED**

28.39%
Protected Area



Infrastructure Capacity

0  1 **SCORE: 0.409** **RANK: 16/22 MUNICIPALITIES ASSESSED**



Health Care Capacity

SCORE: 0.331 **RANK: 16/22 MUNICIPALITIES ASSESSED**

3.21 **8.57** **91.4%** **0**
Physicians per 10k Persons Nurses per 10k Persons Pct Under 1yr Fully Vaccinated Hospitals per 10k persons



Transportation Capacity

SCORE: 0.327 **RANK: 21/22 MUNICIPALITIES ASSESSED**

0.97 **22.51**
Road density (km per sq. km) Average Distance to Port Facility (km)



Communications Capacity

SCORE: 0.414 **RANK: 11/22 MUNICIPALITIES ASSESSED**

18.9% **65.5%**
Households with Fixed Phones Population with Mobile Phone



Energy Capacity

SCORE: 0.470 **RANK: 14/22 MUNICIPALITIES ASSESSED**

86.8% **69.2%**
Households with Access to Electricity Households with Access to Gas



Emergency Services Capacity

SCORE: 0.501 **RANK: 20/22 MUNICIPALITIES ASSESSED**

24.03 **4.06** **21.64**
Average Distance to Hospital (km) Average Distance to Police Station (km) Firefighters per 10,000 Persons



RESILIENCE (R)

RANK: 11 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.506

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

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



Gender Inequality



Information Access Vulnerability



Economic Capacity



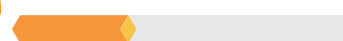
Transportation Capacity



HAZARD-SPECIFIC RISK (HSR)



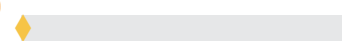
Drought



RANK: 9 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.314



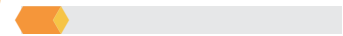
Flood



RANK: 22 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.000



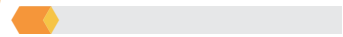
Earthquake Induced Landslide



RANK: 14/22 MUNICIPALITIES ASSESSED
SCORE: 0.110



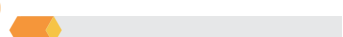
Precipitation Induced Landslide



RANK: 13/22 MUNICIPALITIES ASSESSED
SCORE: 0.092



Forest Fire



RANK: 17 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.105



Volcano



RANK: 2/ 22 MUNICIPALITIES ASSESSED
SCORE: 0.461



MULTI-HAZARD RISK (MHR)

11 / 22

RANK WITHIN MUNICIPALITIES
Score: 0.490



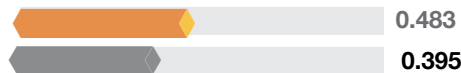
Mosteiros's score and ranking are due to High Multi-hazard Exposure combined with Moderate Vulnerability and Moderate Coping Capacity scores.

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

MOSTEIROS SCORE
 COUNTRY SCORE



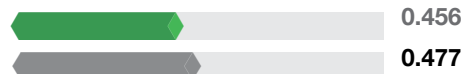
Multi-Hazard Exposure



Vulnerability



Coping Capacity



MOSTEIROS RECOMMENDATIONS

1

Gender Inequality

Mosteiros has the 2nd highest ranking for overall Gender Inequality in the country driven by the lowest ratio of females to males participating in the labor force (0.45) and the 4th lowest proportion of females to males holding municipal council seats in local government.

Promote development and empowerment of young people through social support structures and employment opportunities including diverse school-to-work programs and leadership academies.

Boost labor participation by promoting workforce opportunities for women that include provisions for family support, such as quality, affordable childcare. Support equal pay for equal work to foster economic growth, reduce economic dependency, and decrease economic constraints.

2

Information Access Vulnerability

Ranking 12th highest for overall Information Access Vulnerability, Mosteiros has the 5th lowest average years of schooling (6.9 years) in the country, and one of the lowest percentages of households with no TV (74%).

Focus efforts on providing programs to increase school attendance and completion of secondary education. Work with communities to better understand the underlying factors that represent barriers to education and literacy. In particular, poverty and gender inequalities may also drive disparities in the municipality.

Implement community outreach and education programs focused on hazard awareness, disaster preparedness, and health and safety practices to build community resilience. Include information and resources for audiences requiring special considerations such as the very young, elderly, and disabled populations. Boost public-private collaboration and coordination to ensure that hazard warning information is accessible and disseminated as broadly as possible through multiple communications channels

MOSTEIROS RECOMMENDATIONS

3

Economic Capacity

Mosteiros has the 4th lowest Economic Capacity score relative to other municipalities in Cabo Verde. This score is driven by a lack of financial service locations per 10,000 persons and the 8th lowest average annual expenditures per capita (119,798 CVE). These shortcomings to economic capacity may reduce economic protection in Mosteiros and inhibit the municipality's ability to quickly mobilize financial assets during a disaster.

While Mosteiros' economy is driven primarily by agriculture, recent urban expansion has led to development of tourism in the municipality. Like many other municipalities in Cabo Verde, incomes and expenditures in Mosteiros are supported by remittances. Continue to support sustainable urban development in the municipality, ensuring that infrastructure enhancements do not contribute to environmental stress or increase hazard exposure. Expand financial services to increase access to credit for small businesses and foster local economic development.

Increase access to vocational, technical, and entrepreneurial training to directly support labor market needs, diversify the municipal economy, and supply skilled labor needed to advance sustainable development. Expanding local economic opportunities will reduce reliance on external remittances and increase household incomes.

4

Transportation Capacity

Findings show that Mosteiros has the second lowest overall Transportation Capacity in the country, with the 3rd lowest road density (.97 km per sq km) and the 5th greatest average distance to a port or airport facility (22.5 km).

Mosteiros ranks 6th highest in Cabo Verde for overall Multi-hazard Exposure, with significant exposure to drought, volcanic hazards, and forest fires. Limited transportation networks hamper timely evacuations and delay response and recovery activities. Damaged roads, seaports and airports can further postpone delivery and transport of much needed relief supplies and delay recovery processes.

Secure investments for continued expansion and maintenance of transportation networks, particularly in underserved areas to meet increasing demand and improve response times and access to emergency services. Explore public-private partnerships to maintain the quality of existing transportation infrastructure. By bolstering transportation capacity, Mosteiros will have the added benefit of supporting sustainable economic growth through greater accessibility of goods and services. Protect investments and service provision by implementing mitigation strategies (e.g., erosion prevention) to reduce hazard impacts. Evacuation routes and emergency response plans should be adapted as construction and maintenance is planned and implemented.

**Better solutions.
Fewer disasters.**

Safer world.

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