



CABO VERDE

BOA VISTA

NDPBA MUNICIPAL PROFILE

CABO VERDE BOA VISTA



ISLAND: BOA VISTA

Area: 631 km²

Boa Vista (beautiful view) municipality encompasses the entire island of Boa Vista, part of the Barlavento Islands group and the easternmost and third-largest island of Cabo Verde after Santo Antão and Santiago. It is closest to the African continent with 450 km distance to Senegal. The capital, Sal Rei is on the north-western part of the island. Terrain is generally flat with a desert (Deserto de Viana) and dune fields. The highest point of the island is 387 m. It is a tourist island with the longest beaches of Cabo Verde, some of which are nesting areas for sea turtles and birds. Boa Vista has two main hydrographic basins. Concelho da Boa Vista consists of two parishes subdivided into nine population zones. While most of the population lives in Sal Rei, Boa Vista is the least-densely populated island in the archipelago. The international airport opened in 2007 has allowed tourism, the primary economic driver, to flourish. Many residents work in the hotels, tourist shops, and as taxi drivers. While there is no municipal sewage system, hotels have their own wastewater treatment plants. Healthcare capacity is limited in Boa Vista, as there is just one hospital with around 30 beds.

RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low
Score: 0.343 • Rank: 20/22



RESILIENCE (R) - Very High
Score: 0.602 • Rank: 4/22



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.232 • Rank: 19/22



VULNERABILITY (V) - Low
Score: 0.417 • Rank: 15/22



COPING CAPACITY (CC) - Very High
Score: 0.621 • Rank: 3/22



Population (2020 projected)
19,879



Infant mortality rate
(per 1,000 live births)
12.2



Poverty rate
3.7%



Population with access
to improved water
70.7%

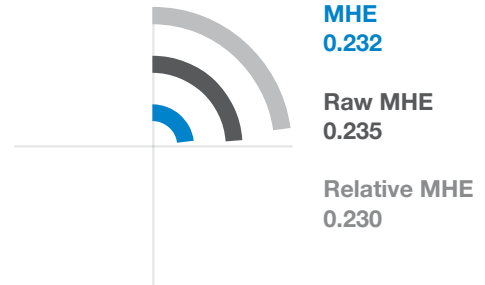


Average years of schooling
7.2



MULTI-HAZARD EXPOSURE (MHE)

RANK: 19 / 22 MUNICIPALITIES
SCORE: 0.232



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Drought

99.9%

19,013

\$36.2 Million

Critical Infrastructure Exposed:
100.0%



Flood

1.4%

262

-

Critical Infrastructure Exposed:
11.0%



Earthquake Induced Landslide

0.1%

19

\$12,100

Critical Infrastructure Exposed:
21.0%



Precipitation Induced Landslide

0.0%

7

-

Critical Infrastructure Exposed:
33.0%



Volcano

0.0%

0

-

Critical Infrastructure Exposed:
0.0%



Forest Fire

6.2%

1,172

-

Critical Infrastructure Exposed:
17.0%



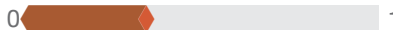
VULNERABILITY (V)

RANK: 15 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.417

Vulnerability in Boa Vista is primarily driven by Population Pressures and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.342** **RANK: 9/22 MUNICIPALITIES ASSESSED**

0.18 Livestock Density per Hectare	0.0% Households Using Firewood as Cooking Fuel	82.4% Loss in Tree Cover (2001 to 2020)
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Vulnerable Health Status

0  1 **SCORE: 0.622** **RANK: 5/22 MUNICIPALITIES ASSESSED**

12.2 Infant Mortality Rate (per 1,000 live births)	12.2% Disabled Population	56.0 TB Prevalence per 100k Persons	39.5 HIV Incidence per 100K Persons
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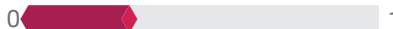
Clean Water Vulnerability

0  1 **SCORE: 0.476** **RANK: 8/22 MUNICIPALITIES ASSESSED**

14.9 Average Time to Collect Water for Household Use	84.4% Households with Access to Wastewater Services	70.7% Population with Access to Improved Water
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Information Access Vulnerability

0  1 **SCORE: 0.293** **RANK: 20/22 MUNICIPALITIES ASSESSED**

97.1% Adult Literacy Rate	7.2 Average Years of Schooling	90.0% Households with Television	50.7% Households with radio	61.7% Households with Internet access
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Economic Constraints

0  1 **SCORE: 0.264** **RANK: 21/22 MUNICIPALITIES ASSESSED**

0.38 Age dependency ratio	0.37 Gini index	9.2% Unemployment Rate	3.7% Poverty rate	9.6% Households owning a vehicle
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Gender Inequality

0  1 **SCORE: 0.258** **RANK: 21/22 MUNICIPALITIES ASSESSED**


38.5%
Female Seats
Municipal City
Council

0.91
Female to male labor
participants

1.14
Parity in Secondary
Education Enrollment



Population Pressures

0  1 **SCORE: 0.667** **RANK: 2/22 MUNICIPALITIES ASSESSED**

11.70%
Average annual
population
change

84.7
Net Migration
Rate (per 1,000
persons)

15.66
Youth Bulge




COPING CAPACITY (CC)

RANK: 3 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.621

Boa Vista exhibits weaker Coping Capacity in the areas of Emergency Service Capacity and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.




Economic Capacity

0  1 **SCORE: 0.776** **RANK: 1/22 MUNICIPALITIES ASSESSED**

75.82% **2.52** **265,406**
Economic Activity Rate Financial Service Locations per 10k Persons Avg Annual Expenditures per Capita CVE



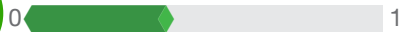
Governance

0  1 **SCORE: 0.660** **RANK: 7/22 MUNICIPALITIES ASSESSED**

100% **342.8** **62.0%**
Population Properly Disposing Waste Crimes Reported per 10k persons Voter Participation Rate in Local Elections




Environmental Capacity

0  1 **SCORE: 0.390** **RANK: 9/22 MUNICIPALITIES ASSESSED**

1.78%
Protected Area



Infrastructure Capacity

0  1 **SCORE: 0.504** **RANK: 11/22 MUNICIPALITIES ASSESSED**



Health Care Capacity

SCORE: 0.397 **RANK: 14/22 MUNICIPALITIES ASSESSED**

3.22 **7.72** **100.0%** **0**
Physicians per 10k Persons Nurses per 10k Persons Pct Under 1yr Fully Vaccinated Hospitals per 10k persons



Transportation Capacity

SCORE: 0.477 **RANK: 16/22 MUNICIPALITIES ASSESSED**

0.67 **5.83**
Road density (km per sq. km) Average Distance to Port Facility (km)



Communications Capacity

SCORE: 0.714 **RANK: 1/22 MUNICIPALITIES ASSESSED**

18.1% **85.9%**
Households with Fixed Phones Population with Mobile Phone



Energy Capacity

SCORE: 0.936 **RANK: 1/22 MUNICIPALITIES ASSESSED**

97.0% **96.6%**
Households with Access to Electricity Households with Access to Gas



Emergency Services Capacity

SCORE: 0.000 **RANK: 22/22 MUNICIPALITIES ASSESSED**

72.44 **55.18** **1.51**
Average Distance to Hospital (km) Average Distance to Police Station (km) Firefighters per 10,000 Persons



RESILIENCE (R)

RANK: 4 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.602

Boa Vista'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:



Population Pressures



Vulnerable Health Status



Emergency Service Capacity



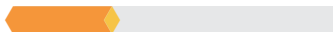
Health Care Capacity



HAZARD-SPECIFIC RISK (HSR)



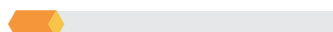
Drought



RANK: 14 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.287



Flood



RANK: 8 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.117



Earthquake Induced Landslide



RANK: 13/22 MUNICIPALITIES ASSESSED
SCORE: 0.111



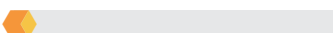
Precipitation Induced Landslide



RANK: 16/22 MUNICIPALITIES ASSESSED
SCORE: 0.075



Forest Fire



RANK: 20 / 22 MUNICIPALITIES ASSESSED
SCORE: 0.053



Volcano



RANK: 6/ 22 MUNICIPALITIES ASSESSED
SCORE: 0



MULTI-HAZARD RISK (MHR)

20 / 22

RANK WITHIN MUNICIPALITIES
Score: 0.343



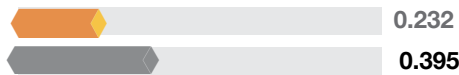
Boa Vista's score and ranking are due to Very Low Multi-hazard Exposure combined with Low Vulnerability and Very High Coping Capacity scores.

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

BOA VISTA SCORE
 COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



BOA VISTA RECOMMENDATIONS

1

Population Pressures

Ranking 2nd for overall Population Pressures, Boa Vista has the highest net migration rate (84.7 per 1,000 persons) and the highest average annual population change (11.7%) between 2010 and 2020.

Boa Vista is the least densely populated municipality in Cabo Verde, but population is increasing rapidly. Actively monitor population growth and strengthen short- and long-term development planning through multi-stakeholder engagement. Increase oversight in planning processes to anticipate the needs of the growing population and encourage equitable distribution of services and infrastructure – including housing, transportation, health care, water, and energy.

Boa Vista is susceptible to multiple hazards, including drought, forest fires, and floods. Enforce building codes and environmental protections to ensure sustainable development. Conduct hazard exposure assessments to mitigate potential adverse impacts on the population, economy, and environment.

2

Vulnerable Health Status

Ranking 5th for overall Vulnerable Health Status, Boa Vista has the highest tuberculosis (TB) prevalence (56 per 100,000 persons) in the country. In addition, the infant mortality rate is 12.23 deaths per 1,000 live births, HIV incidence is 39.5 per 100,000 persons, and 12% of the population is disabled.

Increase investments in community health education and outreach, including best practices for reducing communicable disease transmission, promoting reproductive health, and expanding education and delivery of pre- and ante-natal care for pregnant women. Additionally, ensure that WASH infrastructure meets the needs of the expanding population to help mitigate the impact of communicable diseases.

Ensure that disaster management, evacuation, and shelter plans include special considerations for people with chronic conditions, disabilities, and mobility challenges. Consider additional precautions needed to prevent transmission of COVID-19 among vulnerable populations in shelters

BOA VISTA RECOMMENDATIONS

3

Emergency Service Capacity

Though Boa Vista ranks very high in its overall Coping Capacity and Resilience, the municipality has the lowest relative ranking for Emergency Services Capacity in Cabo Verde. Findings show that Boa Vista has the greatest average distance to hospitals (72.44 km) and police stations (55.18 km) from populated areas, and the fewest number of firefighters (1.51 per 10,000 persons).

Population pressures in Boa Vista necessitate expansion of emergency service capacities in the municipality to meet the needs of a growing population. Work to increase training and employment opportunities in health care, police force, and fire services in the municipality. Simultaneously, engage community training programs to develop strong community emergency response teams (CERTs) to increase emergency service capacity. Engage with international donors to procure firefighting equipment and ensure that firefighters are thoroughly trained in its function and use.

Ensure that training and exercises are regularly conducted in Boa Vista to assess preparedness for prevalent hazards likely to affect the municipality. Include all municipal stakeholders (police, fire services, regional disaster management, health sector, and community members) in the process, and use lessons learned to inform disaster planning.

4

Health Care Capacity

Boa Vista ranks 9th lowest for overall Health Care Capacity, driven by a lack of available hospital services and relatively limited numbers of health care personnel per 10,000 persons (3.22 physicians and 7.72 nurses per 10,000).

The population in Boa Vista is growing, and so will the need to expand health care capacity in the municipality. With limited access to healthcare, limited hospital beds and medical staff, the municipality is not equipped to handle disease outbreaks and mass casualty events.

Partner with private hospitals and NGOs to increase the number of hospital beds and medical staff available in the case of an emergency. Ensure that access to care is equitable and continues to expand to keep up with the demands of the growing population, while also reducing existing vulnerable health status.

**Better solutions.
Fewer disasters.**

Safer world.

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