



MADAGASCAR

AMORON'I MANIA

NDPBA REGION PROFILE

MADAGASCAR

REGION: AMORON'I MANIA



RISK AND VULNERABILITY COMPONENT SCORES



MULTI-HAZARD RISK (MHR) -

Low

Score: 0.433 • Rank: 17/23



RESILIENCE (R) -

Moderate

Score: 0.439 • Rank: 12/23



MULTI-HAZARD EXPOSURE (MHE) -

Very Low

Score: 0.176 • Rank: 19/23



VULNERABILITY (V) -

Moderate

Score: 0.488 • Rank: 11/23



COPING CAPACITY (CC) -

Moderate

Score: 0.366 • Rank: 12/23

REGION HIGHLIGHTS



Population (2018 Census)

837,116



Extreme Poverty Rate

73.2%



Household Access to Drinking Water

50.3%



Literacy Rate

84.1%



Household Access to Electricity

50.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 19 / 23 REGIONS

SCORE: 0.176



ESTIMATED EXPOSURE TO EACH HAZARD:



Sea Level Rise

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Landslide

74% (1,020,000)

Buildings Exposed: **64%**

Critical Infrastructure Exposed: **39%**



Coastal Flooding

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Extreme Heat

<1% (14)

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **<1%**



Riverine Flooding

1% (11,400)

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **2%**



Wildfire

4% (54,600)

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **2%**



Tsunami

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Malaria

<1% (1,410)

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **0%**



Tropical Cyclone Wind

100% (1,380,000)

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Locust

Cropland Exposed: **92%**



Earthquake

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**

NOTE: Population exposure values are estimated using PDC's All-hazard Impact Model (AIM). Values may differ from Census population.



VULNERABILITY (V)

RANK: 11 / 23 REGIONS ASSESSED
SCORE: 0.488

Below is a summary of the regional Vulnerability Assessment within Amoron'i Mania. Detailed region-level results, including all indicators used to assess vulnerability, are available in DisasterAWARE.



Information Access Vulnerability

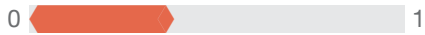


SCORE: 0.546

RANK: 15/23 REGIONS ASSESSED



Clean Water Access Vulnerability



SCORE: 0.363

RANK: 22/23 REGIONS ASSESSED



Economic Constraints



SCORE: 0.580

RANK: 5/23 REGIONS ASSESSED



Gender Disparity

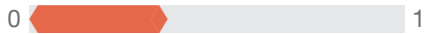


SCORE: 0.465

RANK: 7/23 REGIONS ASSESSED



Vulnerable Health Status



SCORE: 0.333

RANK: 14/23 REGIONS ASSESSED



Housing Vulnerability



SCORE: 0.640

RANK: 10/23 REGIONS ASSESSED



VULNERABILITY (V)

RANK: 11 / 23 REGIONS ASSESSED

SCORE: 0.488

KEY FACTORS INFLUENCING VULNERABILITY



Housing Vulnerability

Populations living in poorly constructed housing, or homes built prior to the enactment of modern building codes, are more susceptible to structural damage and losses due to hazard impacts. In addition, higher density living situations such as crowded households increase susceptibility to negative consequences resulting from hazard exposure.



Economic Constraints

Economic constraints have individual, household, community, and region-wide influence. Limitations on available financial resources reduce opportunities to invest in mitigation and preparedness measures and limit the ability to facilitate short- and long-term recovery.



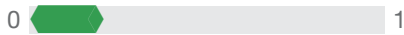
COPING CAPACITY (CC)

RANK: 12 / 23 REGIONS ASSESSED
SCORE: 0.366

Below is a summary of the regional Coping Capacity Assessment within Amoron'i Mania. Detailed region-level results, including all indicators used to assess coping capacity, are available in DisasterAWARE.



Economic Capacity



SCORE: 0.172

RANK: 16/23 REGIONS ASSESSED



Health Care Capacity



SCORE: 0.545

RANK: 2/23 REGIONS ASSESSED



Energy and Communications Capacity

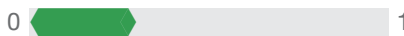


SCORE: 0.480

RANK: 5/23 REGIONS ASSESSED



Transportation Capacity



SCORE: 0.266

RANK: 21/23 REGIONS ASSESSED

KEY FACTORS INFLUENCING COPING CAPACITY



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.



Transportation Capacity

Transportation Capacity represents the ability to ensure efficient movement and delivery of resources key to effective humanitarian assistance and disaster relief operations, including the provision of health services.



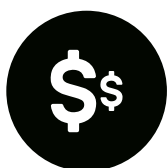
RESILIENCE (R)

RANK: 12 / 23 REGIONS ASSESSED

SCORE: 0.439

Key drivers of Resilience within Amoron'i Mania are summarized below. Detailed region-level results for the RVA are available in DisasterAWARE.

KEY FACTORS INFLUENCING RESILIENCE



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.



Transportation Capacity

Transportation Capacity represents the ability to ensure efficient movement and delivery of resources key to effective humanitarian assistance and disaster relief operations, including the provision of health services.



Housing Vulnerability

Populations living in poorly constructed housing, or homes built prior to the enactment of modern building codes, are more susceptible to structural damage and losses due to hazard impacts. In addition, higher density living situations such as crowded households increase susceptibility to negative consequences resulting from hazard exposure.



Economic Constraints

Economic constraints have individual, household, community, and region-wide influence. Limitations on available financial resources reduce opportunities to invest in mitigation and preparedness measures and limit the ability to facilitate short- and long-term recovery.



HAZARD-SPECIFIC RISK (HSR)



Sea Level Rise

RANK: 15 / 23 REGIONS ASSESSED
SCORE: 0.000



Coastal Flooding

RANK: 15 / 23 REGIONS ASSESSED
SCORE: 0.000



Riverine Flooding

RANK: 22 / 23 REGIONS ASSESSED
SCORE: 0.084



Tsunami

RANK: 15 / 23 REGIONS ASSESSED
SCORE: 0.000



Tropical Cyclone Wind

RANK: 13 / 23 REGIONS ASSESSED
SCORE: 0.632



Earthquake

RANK: 7 / 23 REGIONS ASSESSED
SCORE: 0.000



Landslide

RANK: 2 / 23 REGIONS ASSESSED
SCORE: 0.623



Extreme Heat

RANK: 18 / 23 REGIONS ASSESSED
SCORE: 0.013



Wildfire

RANK: 7 / 23 REGIONS ASSESSED
SCORE: 0.247



Malaria

RANK: 20 / 23 REGIONS ASSESSED
SCORE: 0.034



Locust

RANK: 3 / 23 REGIONS ASSESSED
SCORE: 0.720



MULTI-HAZARD RISK (MHR)

17 / 23

 RANK AMONG REGIONS
 SCORE: 0.433

The Multi-Hazard Risk score and ranking represent a combination of multi-hazard exposure, vulnerability, and coping capacity. Below is a summary of the Amoron'i Mania region's RVA results. Detailed region-level results for the RVA are available in DisasterAWARE.

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

 COUNTRY SCORE
  AMORON'I MANIA SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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