



MADAGASCAR

ANDROY

NDPBA REGION PROFILE

MADAGASCAR

REGION: ANDROY



RISK AND VULNERABILITY COMPONENT SCORES



MULTI-HAZARD RISK (MHR) -

High

Score: 0.581 • Rank: 7/23



RESILIENCE (R) -

Very Low

Score: 0.205 • Rank: 23/23



MULTI-HAZARD EXPOSURE (MHE) -

Very Low

Score: 0.154 • Rank: 20/23



VULNERABILITY (V) -

Very High

Score: 0.760 • Rank: 2/23



COPING CAPACITY (CC) -

Very Low

Score: 0.171 • Rank: 23/23

REGION HIGHLIGHTS



Population (2018 Census)

900,235



Extreme Poverty Rate

90.7%



Household Access to Drinking Water

23.7%



Literacy Rate

38.1%



Household Access to Electricity

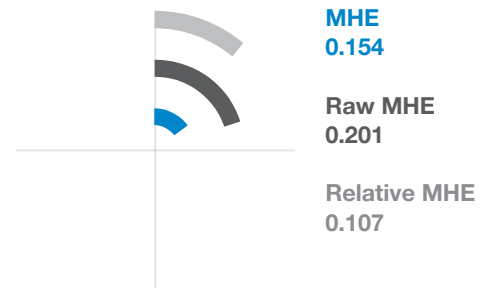
23.7%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 20 / 23 REGIONS

SCORE: 0.154



ESTIMATED EXPOSURE TO EACH HAZARD:



Sea Level Rise

0% (0)

Buildings Exposed: <1%

Critical Infrastructure Exposed: <1%



Landslide

1% (25,900)

Buildings Exposed: 1%

Critical Infrastructure Exposed: 1%



Coastal Flooding

<1% (2)

Buildings Exposed: <1%

Critical Infrastructure Exposed: 0%



Extreme Heat

34% (738,000)

Buildings Exposed: 44%

Critical Infrastructure Exposed: 29%



Riverine Flooding

<1% (2,310)

Buildings Exposed: <1%

Critical Infrastructure Exposed: 2%



Wildfire

0% (0)

Buildings Exposed: 0%

Critical Infrastructure Exposed: 0%



Tsunami

<1% (148)

Buildings Exposed: <1%

Critical Infrastructure Exposed: 0%



Malaria

4% (86,300)

Buildings Exposed: 4%

Critical Infrastructure Exposed: 0%



Tropical Cyclone Wind

100% (2,180,000)

Buildings Exposed: 100%

Critical Infrastructure Exposed: 100%



Locust

Cropland Exposed: 1%



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: 2 / 23 REGIONS ASSESSED
SCORE: 0.760

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



Information Access Vulnerability



SCORE: 0.978

RANK: 1/23 REGIONS ASSESSED



Clean Water Access Vulnerability



SCORE: 0.918

RANK: 1/23 REGIONS ASSESSED



Economic Constraints

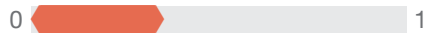


SCORE: 0.834

RANK: 2/23 REGIONS ASSESSED



Gender Disparity



SCORE: 0.331

RANK: 11/23 REGIONS ASSESSED



Vulnerable Health Status



SCORE: 0.612

RANK: 4/23 REGIONS ASSESSED



Housing Vulnerability



SCORE: 0.889

RANK: 1/23 REGIONS ASSESSED



VULNERABILITY (V)

RANK: 2 / 23 REGIONS ASSESSED

SCORE: 0.760

KEY FACTORS INFLUENCING VULNERABILITY



Information Access Vulnerability

The ability to understand hazard and disaster-related information before, during, and after an event is central to acting on that information. If information channels and formats are limited, the groups and individuals exposed to information inclusive of mitigation options, preparedness measures, available resources, and impending hazard events, will likewise be limited. Information access enables the building and diversification of exposed populations' critical skill sets both before and after disasters strike.



Clean Water Access Vulnerability

Those 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.



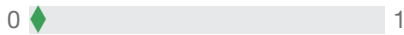
COPING CAPACITY (CC)

RANK: 23 / 23 REGIONS ASSESSED
SCORE: 0.171

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



Economic Capacity

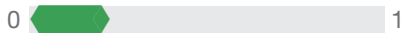


SCORE: 0.000

RANK: 23/23 REGIONS ASSESSED



Health Care Capacity

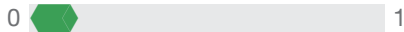


SCORE: 0.174

RANK: 23/23 REGIONS ASSESSED



Energy and Communications Capacity



SCORE: 0.094

RANK: 21/23 REGIONS ASSESSED



Transportation Capacity



SCORE: 0.416

RANK: 17/23 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.



Energy and Communications Capacity

Homes, businesses, industry, and government all rely on access to energy resources and communications for continuity of daily activities. Expanding, strengthening, and securing the energy network and increasing the availability of internet services will contribute to economic development, facilitate effective and coordinated communication, and increase the speed of recovery processes in the aftermath of a disaster.



RESILIENCE (R)

RANK: 23 / 23 REGIONS ASSESSED

SCORE: 0.205

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

KEY FACTORS INFLUENCING RESILIENCE



Economic Capacity

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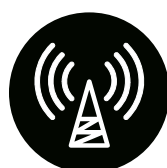
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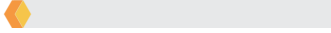


HAZARD-SPECIFIC RISK (HSR)



Sea Level Rise

RANK: 14 / 23 REGIONS ASSESSED
SCORE: 0.031



Coastal Flooding

RANK: 14 / 23 REGIONS ASSESSED
SCORE: 0.014



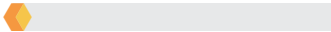
Riverine Flooding

RANK: 23 / 23 REGIONS ASSESSED
SCORE: 0.042



Tsunami

RANK: 14 / 23 REGIONS ASSESSED
SCORE: 0.036



Tropical Cyclone Wind

RANK: 1 / 23 REGIONS ASSESSED
SCORE: 0.774



Earthquake

RANK: 7 / 23 REGIONS ASSESSED
SCORE: 0.000



Landslide

RANK: 23 / 23 REGIONS ASSESSED
SCORE: 0.037



Extreme Heat

RANK: 7 / 23 REGIONS ASSESSED
SCORE: 0.592



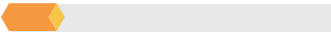
Wildfire

RANK: 19 / 23 REGIONS ASSESSED
SCORE: 0.000



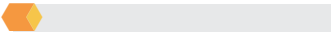
Malaria

RANK: 15 / 23 REGIONS ASSESSED
SCORE: 0.138



Locust

RANK: 19 / 23 REGIONS ASSESSED
SCORE: 0.072





MULTI-HAZARD RISK (MHR)

7 / 23

 RANK AMONG REGIONS
 SCORE: 0.581

The Multi-Hazard Risk score and ranking represent a combination of multi-hazard exposure, vulnerability, and coping capacity. Below is a summary of the Androy 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
  ANDROY SCORE



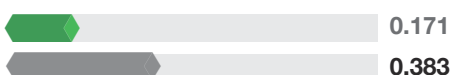
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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