



MADAGASCAR

ANALAMANGA

NDPBA REGION PROFILE

MADAGASCAR

REGION: ANALAMANGA



RISK AND VULNERABILITY COMPONENT SCORES



MULTI-HAZARD RISK (MHR) -

Very Low

Score: 0.257 • Rank: 23/23



RESILIENCE (R) -

Very High

Score: 0.863 • Rank: 1/23



MULTI-HAZARD EXPOSURE (MHE) -

High

Score: 0.497 • Rank: 7/23



VULNERABILITY (V) -

Very Low

Score: 0.111 • Rank: 23/23



COPING CAPACITY (CC) -

Very High

Score: 0.838 • Rank: 1/23

REGION HIGHLIGHTS



Population (2018 Census)

3,623,925



Extreme Poverty Rate

26.9%



Household Access to Drinking Water

81.1%



Literacy Rate

97.5%



Household Access to Electricity

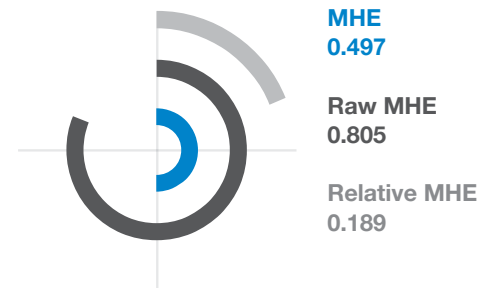
81.1%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 7 / 23 REGIONS

SCORE: 0.497



ESTIMATED EXPOSURE TO EACH HAZARD:



Sea Level Rise

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Landslide

33% (3,052,000)

Buildings Exposed: **38%**

Critical Infrastructure Exposed: **52%**



Coastal Flooding

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Extreme Heat

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Riverine Flooding

7% (627,000)

Buildings Exposed: **10%**

Critical Infrastructure Exposed: **11%**



Wildfire

<1% (2,350)

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **1%**



Tsunami

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Malaria

0% (0)

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



Tropical Cyclone Wind

100% (9,230,000)

Buildings Exposed: **100%**

Critical Infrastructure Exposed: **100%**



Locust

Cropland Exposed: **100%**



Earthquake

<1% (22,500)

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **2%**

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



VULNERABILITY (V)

RANK: 23 / 23 REGIONS ASSESSED
SCORE: 0.111

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



Information Access Vulnerability

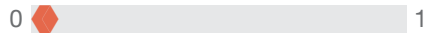


SCORE: 0.015

RANK: 23/23 REGIONS ASSESSED



Clean Water Access Vulnerability

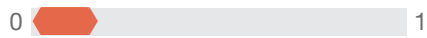


SCORE: 0.030

RANK: 23/23 REGIONS ASSESSED



Economic Constraints

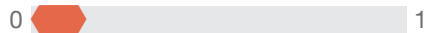


SCORE: 0.135

RANK: 23/23 REGIONS ASSESSED



Gender Disparity

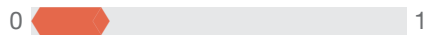


SCORE: 0.109

RANK: 21/23 REGIONS ASSESSED



Vulnerable Health Status

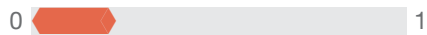


SCORE: 0.168

RANK: 21/23 REGIONS ASSESSED



Housing Vulnerability



SCORE: 0.208

RANK: 20/23 REGIONS ASSESSED



VULNERABILITY (V)

RANK: 23 / 23 REGIONS ASSESSED**SCORE: 0.111**

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.



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.



COPING CAPACITY (CC)

RANK: 1 / 23 REGIONS ASSESSED
SCORE: 0.838

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



Economic Capacity



SCORE: 0.790

RANK: 1/23 REGIONS ASSESSED



Health Care Capacity



SCORE: 0.949

RANK: 1/23 REGIONS ASSESSED



Energy and Communications Capacity



SCORE: 1.000

RANK: 1/23 REGIONS ASSESSED



Transportation Capacity



SCORE: 0.612

RANK: 4/23 REGIONS ASSESSED

KEY FACTORS INFLUENCING COPING CAPACITY



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.



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.



RESILIENCE (R)

RANK: 1 / 23 REGIONS ASSESSED

SCORE: 0.863

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

KEY FACTORS INFLUENCING RESILIENCE



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.



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.



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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.



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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: 13 / 23 REGIONS ASSESSED
SCORE: 0.244



Tsunami

RANK: 15 / 23 REGIONS ASSESSED
SCORE: 0.000



Tropical Cyclone Wind

RANK: 23 / 23 REGIONS ASSESSED
SCORE: 0.370



Earthquake

RANK: 6 / 23 REGIONS ASSESSED
SCORE: 0.066



Landslide

RANK: 15 / 23 REGIONS ASSESSED
SCORE: 0.334



Extreme Heat

RANK: 20 / 23 REGIONS ASSESSED
SCORE: 0.000



Wildfire

RANK: 18 / 23 REGIONS ASSESSED
SCORE: 0.045



Malaria

RANK: 22 / 23 REGIONS ASSESSED
SCORE: 0.000



Locust

RANK: 10 / 23 REGIONS ASSESSED
SCORE: 0.370



MULTI-HAZARD RISK (MHR)

23 / 23

RANK AMONG REGIONS
SCORE: 0.257

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

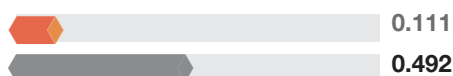
— COUNTRY SCORE
— ANALAMANGA SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

1305 N. Holopono Street | P: (808) 891-0525
Suite 2, Kihei, HI 96753 | F: (808) 891-0526



@PDC_Global



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www.pdc.org



ndpba@pdc.org