



GHANA

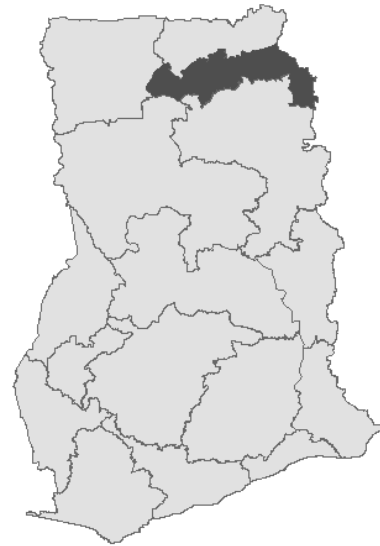
NORTH EAST

NDPBA SUBNATIONAL PROFILE

GHANA NORTH EAST

CAPITAL: NALERIGU

Area: 9,070 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

Very High
Score: 0.657 • Rank: 3/16



RESILIENCE (R)

Very Low
Score: 0.202 • Rank: 15/16



MULTI-HAZARD EXPOSURE (MHE)

Moderate
Score: 0.374 • Rank: 8/16



VULNERABILITY (V)

Very High
Score: 0.803 • Rank: 1/16



COPING CAPACITY (CC)

Very Low
Score: 0.207 • Rank: 15/16



Population (2021 Census)

658,946



Poverty Rate

48.1%



Food Insecurity

33.7%



Infant Mortality Rate (per
1,000 live births)

20



Adult Illiteracy Rate

61.5%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 8 / 16 REGIONS ASSESSED
SCORE: 0.374



MHE
0.374

Raw MHE
0.065

Relative MHE
0.683

ESTIMATED EXPOSURE TO EACH HAZARD:



Sea Level Rise

0%



Buildings Exposed: **0%**
Critical Infrastructure Exposed: **0%**



Extreme Heat

52%



Buildings Exposed: **52%**
Critical Infrastructure Exposed: **43%**



Coastal Flood

0%



Buildings Exposed: **0%**
Critical Infrastructure Exposed: **0%**



Bushfire

14%



Buildings Exposed: **16%**
Critical Infrastructure Exposed: **22%**



Drought

51%



Buildings Exposed: **56%**
Critical Infrastructure Exposed: **72%**



Riverine Flood

1%



Buildings Exposed: **1%**
Critical Infrastructure Exposed: **1%**



Landslide

<1%



Buildings Exposed: **<1%**
Critical Infrastructure Exposed: **<1%**



Malaria

29%



Buildings Exposed: **31%**
Critical Infrastructure Exposed: **9%**



MULTI-HAZARD EXPOSURE (MHE)

RANK: 8 / 16 REGIONS

SCORE: 0.374

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Earthquake

0%

0

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



VULNERABILITY (V)

RANK: 1 / 16 REGIONS ASSESSED
SCORE: 0.803

Vulnerability in North East is primarily driven by Information Access Vulnerability and Clean Water Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.870** **RANK: 2/16 REGIONS ASSESSED**

61.5% Adult Illiteracy Rate	32.6% Residential Access to Education (within residential cluster)	63.7% Primary School Net Attendance Ratio	33.2% Radio Access (population 15-49)	41.1% Television Access (population 15-49)	57.6% Population without Internet Access (12 and older)
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Clean Water Access Vulnerability

0  1 **SCORE: 0.858** **RANK: 2/16 REGIONS ASSESSED**

29.5% Household Water Source Over 30 Minutes Away	25.2% Households Using Unimproved Water Source	9.3% Households Using Unimproved Toilet Facility	58.1% Prevalence of Open Defecation	86.0% Household Wastewater Disposed to Ground
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Vulnerable Health Status

0  1 **SCORE: 0.608** **RANK: 2/16 REGIONS ASSESSED**

20 Infant Mortality Rate (per 1,000 live births)	29.3% Prevalence of Stunting (children under 5)	6.7% Prevalence of Disability	341.1 Maternal Mortality Ratio (per 100,000 live births)	5.3% Prevalence of ARI Symptoms (children 6-59 months)	18.0% Prevalence of Diarrhea (children 6-59 months)	29.3% Prevalence of Anemia (children 6-59 months)	12.6% Medically Underserved Homes (>5 km from health facility)
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Gender Inequality

0  1 **SCORE: 0.786** **RANK: 1/16 REGIONS ASSESSED**

19.4% Unmet Need for Family Planning	23.5% Teenage Pregnancy (women aged 15-19 ever pregnant)	25.6% Prevalence of Domestic Abuse (women 15-49)	0.78 Female to Male Home Ownership (distance from parity)	0.85 Female to Male Land Ownership (distance from parity)	0.34 Female to Male Completion of Secondary Education (distance from parity)	0.3 Female to Male Earnings (distance from parity)	0.34 Female to Male Literacy Rate (distance from parity)
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VULNERABILITY (V)

RANK: 1 / 16 REGIONS ASSESSED
SCORE: 0.803



Population Pressures

0  1 **SCORE: 0.839** **RANK: 1/16 REGIONS ASSESSED**

3.2%

Average Annual Total Population Change, 2010 to 2021

8.8%

Average Annual Urban Population Change, 2010 to 2021

40.7%

Youth Bulge (youth (15-24) as a percentage of to working age population (15-64))

33.7%

Prevalence of Food Insecurity

6.83

Conflict per 100,000 Persons

26.9%

Youth Not in Employment, Education, or Training (NEET)



Economic Constraints

0  1 **SCORE: 0.856** **RANK: 3/16 REGIONS ASSESSED**

94.6

Economic Dependency Ratio

48.1%

Poverty Incidence

42.5

Poverty Intensity

20.7%

Unemployment Rate



COPING CAPACITY (CC)

RANK: 15 / 16 REGIONS ASSESSED
SCORE: 0.207

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



Economic Capacity

0  1 **SCORE: 0.073** **RANK: 16/16 REGIONS ASSESSED**

1.3% Population in Highest National Wealth Quintile	7.60 Average Hourly Earnings (Cedis)	43.8% Labor Force Participation (15 and older)	45.1% Average Regional Inflation	11.2% Residential Access to Financial Institution (within residential cluster)
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Transportation Capacity

0  1 **SCORE: 0.127** **RANK: 14/16 REGIONS ASSESSED**

0.34 Road Density (km of road per sq. km)	106.78 Average Distance to Nearest Port or Airport (km)
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Health Care Capacity

0  1 **SCORE: 0.404** **RANK: 10/16 REGIONS ASSESSED**

78.4% Basic Antigen Vaccination Rate (children 12-23 months)	75.4% Health Insurance Coverage	7.91 Hospital Beds per 10,000 Persons	49.2% Residential Access to Any Health Facility (within residential cluster)	4.1% Residential Access to Hospital (within residential cluster)	65% Services for Chronic Noncommunicable Disease (% of health facilities)	0.51 General Health Service Readiness Index
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COPING CAPACITY (CC)

RANK: 15 / 16 REGIONS ASSESSED
SCORE: 0.207



Communications Capacity

0  1 **SCORE: 0.048** **RANK: 15/16 REGIONS ASSESSED**

59.7% **43.0%**
Mobile Phone Ownership Smartphone Ownership



Emergency Service Capacity

0  1 **SCORE: 0.397** **RANK: 10/16 REGIONS ASSESSED**

27.37 Average Distance to Fire Station (km)	7.9% Residential Access to Police Station (within residential cluster)	27.6% Residential Structures within 5km of Police Station	90% Health Facilities with Emergency Services	31% Health Facilities with Emergency Transportation
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Energy Capacity

0  1 **SCORE: 0.193** **RANK: 14/16 REGIONS ASSESSED**

4.2% **72.1%**
Household Access to LPG for Cooking Household Access to Electricity for Lighting



RESILIENCE (R)

RANK: 15 / 16 REGIONS ASSESSED
SCORE: 0.202

North East's score and ranking are due to Very High Vulnerability combined with Very Low Coping Capacity scores.

KEY FACTORS INFLUENCING RESILIENCE:



Information Access Vulnerability

Limitations in information access can impede a population's ability to receive, understand, and take action. Emergency messages must take into account the unique information access constraints of the region. Emergency messages presented to the population must contain clear and simple information to ensure an appropriate response to save lives and reduce losses.



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.



Communications Capacity

The density, diversity, resilience, and quality of communications infrastructure influence how subnational- and local-level populations are able to facilitate effective and coordinated communication.

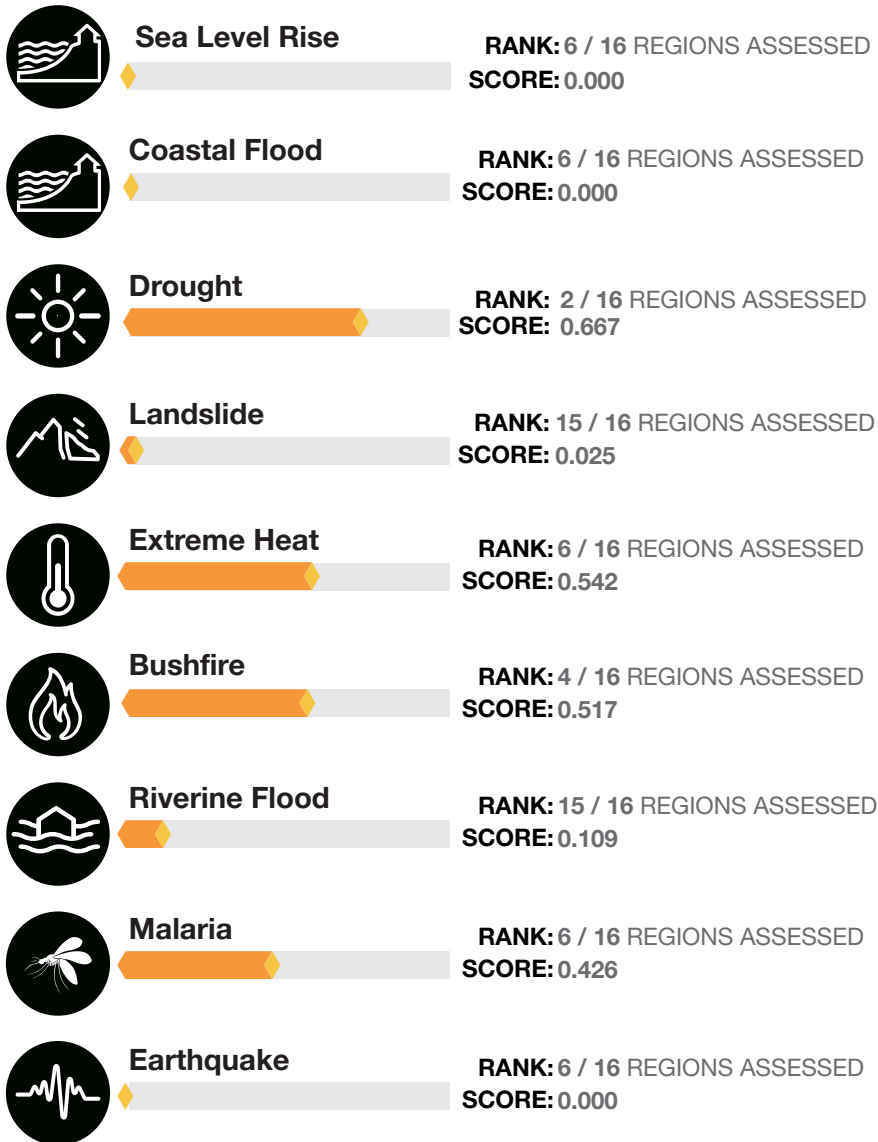


Economic Capacity

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.



HAZARD-SPECIFIC RISK (HSR)





MULTI-HAZARD RISK (MHR)

3 / 16

RANK AMONG REGIONS
Score: 0.657



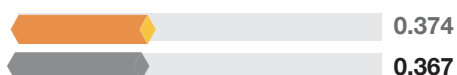
North East's score and ranking are due to Moderate Multi-Hazard Exposure combined with Very High Vulnerability and Very Low Coping Capacity scores.

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

█ █ REGIONS SCORE
█ COUNTRY SCORE



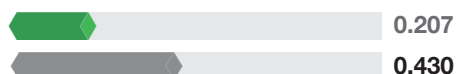
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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