



GHANA

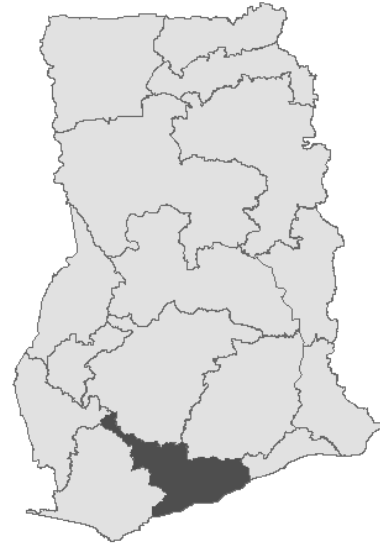
CENTRAL

NDPBA SUBNATIONAL PROFILE

GHANA CENTRAL

CAPITAL: CAPE COAST

Area: 9,826 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

Low
Score: 0.416 • Rank: 10/16



RESILIENCE (R)

High
Score: 0.608 • Rank: 6/16



MULTI-HAZARD EXPOSURE (MHE)

High
Score: 0.465 • Rank: 4/16



VULNERABILITY (V)

Low
Score: 0.317 • Rank: 11/16



COPING CAPACITY (CC)

High
Score: 0.534 • Rank: 4/16



Population (2021 Census)
2,859,821



Poverty Rate
22.5%



Food Insecurity
3.6%



Infant Mortality Rate (per
1,000 live births)
34



Adult Illiteracy Rate
22.7%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 16 REGIONS ASSESSED
SCORE: 0.465



MHE
0.465

Raw MHE
0.334

Relative MHE
0.596

ESTIMATED EXPOSURE TO EACH HAZARD:



Sea Level Rise

<1%

6,564

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **<1%**



Extreme Heat

1%

24,603

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **1%**



Coastal Flood

1%

19,084

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **<1%**



Bushfire

<1%

667

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **<1%**



Drought

34%

972,949

Buildings Exposed: **36%**

Critical Infrastructure Exposed: **47%**



Riverine Flood

2%

63,395

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **2%**



Landslide

1%

30,340

Buildings Exposed: **1%**

Critical Infrastructure Exposed: **1%**



Malaria

0%

5,770

Buildings Exposed: **0%**

Critical Infrastructure Exposed: **0%**



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 16 REGIONS

SCORE: 0.465

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Earthquake

88%

2,509,099

Buildings Exposed: **86%**

Critical Infrastructure Exposed: **92%**



VULNERABILITY (V)

RANK: 11 / 16 REGIONS ASSESSED
SCORE: 0.317

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



Information Access Vulnerability

0  1 **SCORE: 0.216** **RANK: 12/16 REGIONS ASSESSED**

22.7% Adult Illiteracy Rate	85.2% Residential Access to Education (within residential cluster)	86.1% Primary School Net Attendance Ratio	46.8% Radio Access (population 15-49)	69.5% Television Access (population 15-49)	24.0% Population without Internet Access (12 and older)
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Clean Water Access Vulnerability

0  1 **SCORE: 0.210** **RANK: 14/16 REGIONS ASSESSED**

2.1% Household Water Source Over 30 Minutes Away	4.6% Households Using Unimproved Water Source	2.0% Households Using Unimproved Toilet Facility	11.7% Prevalence of Open Defecation	77.3% Household Wastewater Disposed to Ground
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Vulnerable Health Status

0  1 **SCORE: 0.417** **RANK: 7/16 REGIONS ASSESSED**

34 Infant Mortality Rate (per 1,000 live births)	16.5% Prevalence of Stunting (children under 5)	9.0% Prevalence of Disability	318.9 Maternal Mortality Ratio (per 100,000 live births)	3.1% Prevalence of ARI Symptoms (children 6-59 months)	15.3% Prevalence of Diarrhea (children 6-59 months)	16.5% Prevalence of Anemia (children 6-59 months)	1.1% Medically Underserved Homes (>5 km from health facility)
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Gender Inequality

0  1 **SCORE: 0.289** **RANK: 13/16 REGIONS ASSESSED**

13.9% Unmet Need for Family Planning	12.9% Teenage Pregnancy (women aged 15-19 ever pregnant)	34.8% Prevalence of Domestic Abuse (women 15-49)	0.27 Female to Male Home Ownership (distance from parity)	0.34 Female to Male Land Ownership (distance from parity)	0.21 Female to Male Completion of Secondary Education (distance from parity)	0.33 Female to Male Earnings (distance from parity)	0.16 Female to Male Literacy Rate (distance from parity)
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VULNERABILITY (V)

RANK: 11 / 16 REGIONS ASSESSED
SCORE: 0.317



Population Pressures

0  1 **SCORE: 0.405** **RANK: 7/16 REGIONS ASSESSED**

2.4%

Average Annual Total Population Change, 2010 to 2021

5.4%

Average Annual Urban Population Change, 2010 to 2021

34.1%

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

3.6%

Prevalence of Food Insecurity

4.44

Conflict per 100,000 Persons

20.1%

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



Economic Constraints

0  1 **SCORE: 0.366** **RANK: 12/16 REGIONS ASSESSED**

66.1

Economic Dependency Ratio

22.5%

Poverty Incidence

42.6

Poverty Intensity

13.3%

Unemployment Rate



COPING CAPACITY (CC)

RANK: 4 / 16 REGIONS ASSESSED
SCORE: 0.534

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



Economic Capacity

0  1 **SCORE: 0.460** **RANK: 5/16 REGIONS ASSESSED**

17.0% Population in Highest National Wealth Quintile	7.80 Average Hourly Earnings (Cedis)	59.2% Labor Force Participation (15 and older)	35.3% Average Regional Inflation	23.8% Residential Access to Financial Institution (within residential cluster)
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Transportation Capacity

0  1 **SCORE: 0.494** **RANK: 3/16 REGIONS ASSESSED**

1.07 Road Density (km of road per sq. km)	38.02 Average Distance to Nearest Port or Airport (km)
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Health Care Capacity

0  1 **SCORE: 0.357** **RANK: 12/16 REGIONS ASSESSED**

77.8% Basic Antigen Vaccination Rate (children 12-23 months)	58.0% Health Insurance Coverage	7.93 Hospital Beds per 10,000 Persons	64.1% Residential Access to Any Health Facility (within residential cluster)	6.9% Residential Access to Hospital (within residential cluster)	51% Services for Chronic Noncommunicable Disease (% of health facilities)	0.49 General Health Service Readiness Index
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COPING CAPACITY (CC)

RANK: 4 / 16 REGIONS ASSESSED
SCORE: 0.534



Communications Capacity

0  1 **SCORE: 0.760** **RANK: 4/16 REGIONS ASSESSED**

85.9% **76.4%**
Mobile Phone Ownership Smartphone Ownership



Emergency Service Capacity

0  1 **SCORE: 0.430** **RANK: 7/16 REGIONS ASSESSED**

26.63 **15.6%** **63.4%** **75%** **11%**
Average Distance to Fire Station (km) Residential Access to Police Station (within residential cluster) Residential Structures within 5km of Police Station Health Facilities with Emergency Services Health Facilities with Emergency Transportation



Energy Capacity

0  1 **SCORE: 0.701** **RANK: 2/16 REGIONS ASSESSED**

37.1% **91.7%**
Household Access to LPG for Cooking Household Access to Electricity for Lighting



RESILIENCE (R)

RANK: 6 / 16 REGIONS ASSESSED
SCORE: 0.608

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

KEY FACTORS INFLUENCING RESILIENCE:



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.



Population Pressures

Rapid changes in population size and distribution can alter population vulnerability characteristics presenting planning challenges and destabilizing social, economic, and environmental systems. Increased population pressures require disaster managers to realign needs, institutional structures, and available resources to support delivery of basic resources before, during, and after an event.



Health Care Capacity

Robust access to skilled caregivers and dedicated facilities for the treatment of injury and disease during non-disaster times greatly enhances the ability of the served population to absorb and manage post-disaster impacts to health, and increases the likelihood that disaster-associated health and medical impacts may be addressed.



Emergency Service Capacity

Societies establish capacities to manage emergencies that scale from day-to-day events up to catastrophes that impact all of society. Establishing and maintaining a broad range of systems and resources to support emergency services will increase the capacity for disaster management and response.



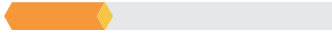
HAZARD-SPECIFIC RISK (HSR)



Sea Level Rise

RANK: 3 / 16 REGIONS ASSESSED

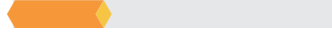
SCORE: 0.269



Coastal Flood

RANK: 4 / 16 REGIONS ASSESSED

SCORE: 0.257



Drought

RANK: 4 / 16 REGIONS ASSESSED

SCORE: 0.408



Landslide

RANK: 9 / 16 REGIONS ASSESSED

SCORE: 0.153



Extreme Heat

RANK: 11 / 16 REGIONS ASSESSED

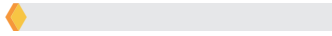
SCORE: 0.064



Bushfire

RANK: 13 / 16 REGIONS ASSESSED

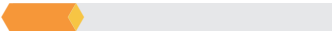
SCORE: 0.016



Riverine Flood

RANK: 12 / 16 REGIONS ASSESSED

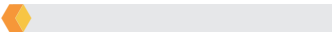
SCORE: 0.193



Malaria

RANK: 14 / 16 REGIONS ASSESSED

SCORE: 0.040



Earthquake

RANK: 1 / 16 REGIONS ASSESSED

SCORE: 0.539

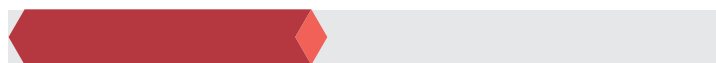




MULTI-HAZARD RISK (MHR)

10 / 16

RANK AMONG REGIONS
Score: 0.416



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

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

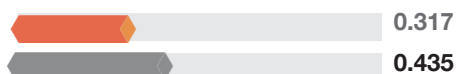
▬ ▬ REGIONS SCORE
▬ COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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