



GHANA

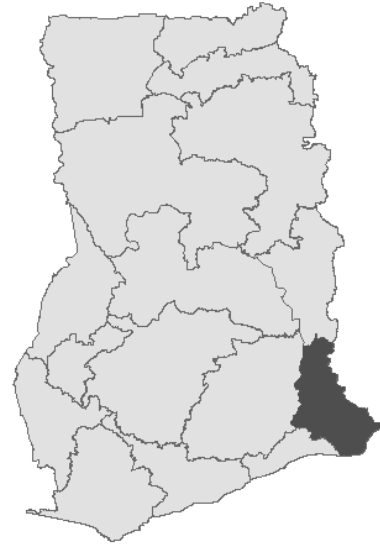
VOLTA

NDPBA SUBNATIONAL PROFILE

GHANA VOLTA

CAPITAL: HO

Area: 9,504 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR)

High

Score: 0.518 • Rank: 6/16



RESILIENCE (R)

Moderate

Score: 0.551 • Rank: 8/16



MULTI-HAZARD EXPOSURE (MHE)

Very High

Score: 0.658 • Rank: 2/16



VULNERABILITY (V)

Moderate

Score: 0.374 • Rank: 8/16



COPING CAPACITY (CC)

Moderate

Score: 0.477 • Rank: 7/16



Population (2021 Census)

1,659,040



Poverty Rate

27.3%



Food Insecurity

10.8%



Infant Mortality Rate (per
1,000 live births)

38



Adult Illiteracy Rate

24.9%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 2 / 16 REGIONS ASSESSED
SCORE: 0.658



MHE
0.658

Raw MHE
0.316

Relative MHE
1.000

ESTIMATED EXPOSURE TO EACH HAZARD:



Sea Level Rise

1%

9,852

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **8%**



Extreme Heat

84%

1,396,797

Buildings Exposed: **87%**

Critical Infrastructure Exposed: **88%**



Coastal Flood

3%

57,818

Buildings Exposed: **4%**

Critical Infrastructure Exposed: **8%**



Bushfire

2%

40,976

Buildings Exposed: **2%**

Critical Infrastructure Exposed: **3%**



Drought

20%

324,343

Buildings Exposed: **22%**

Critical Infrastructure Exposed: **39%**



Riverine Flood

20%

335,424

Buildings Exposed: **26%**

Critical Infrastructure Exposed: **30%**



Landslide

12%

206,819

Buildings Exposed: **11%**

Critical Infrastructure Exposed: **12%**



Malaria

<1%

1,058

Buildings Exposed: **<1%**

Critical Infrastructure Exposed: **0%**



MULTI-HAZARD EXPOSURE (MHE)

RANK: 2 / 16 REGIONS

SCORE: 0.658

ESTIMATED EXPOSURE TO EACH HAZARD (CONTINUED):



Earthquake

55%

907,518

Buildings Exposed: **61%**

Critical Infrastructure Exposed: **46%**



VULNERABILITY (V)

RANK: 8 / 16 REGIONS ASSESSED
SCORE: 0.374

Vulnerability in Volta is primarily driven by Vulnerable Health Status and Clean Water Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.236** **RANK: 11/16 REGIONS ASSESSED**

24.9% Adult Illiteracy Rate	75.7% Residential Access to Education (within residential cluster)	87.4% Primary School Net Attendance Ratio	55.5% Radio Access (population 15-49)	63.2% Television Access (population 15-49)	28.6% Population without Internet Access (12 and older)
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Clean Water Access Vulnerability

0 1 **SCORE: 0.49** **RANK: 7/16 REGIONS ASSESSED**

7.5% Household Water Source Over 30 Minutes Away	15.3% Households Using Unimproved Water Source	6.9% Households Using Unimproved Toilet Facility	21.0% Prevalence of Open Defecation	89.2% Household Wastewater Disposed to Ground
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Vulnerable Health Status

0 1 **SCORE: 0.494** **RANK: 5/16 REGIONS ASSESSED**

38 Infant Mortality Rate (per 1,000 live births)	14.4% Prevalence of Stunting (children under 5)	12.3% Prevalence of Disability	382.8 Maternal Mortality Ratio (per 100,000 live births)	4.5% Prevalence of ARI Symptoms (children 6-59 months)	9.1% Prevalence of Diarrhea (children 6-59 months)	14.4% Prevalence of Anemia (children 6-59 months)	2.0% Medically Underserved Homes (>5 km from health facility)
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Gender Inequality

0 1 **SCORE: 0.344** **RANK: 10/16 REGIONS ASSESSED**

18.3% Unmet Need for Family Planning	11.8% Teenage Pregnancy (women aged 15-19 ever pregnant)	36.3% Prevalence of Domestic Abuse (women 15-49)	0.23 Female to Male Home Ownership (distance from parity)	0.39 Female to Male Land Ownership (distance from parity)	0.11 Female to Male Completion of Secondary Education (distance from parity)	0.19 Female to Male Earnings (distance from parity)	0.19 Female to Male Literacy Rate (distance from parity)
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VULNERABILITY (V)

RANK: 8 / 16 REGIONS ASSESSED
SCORE: 0.374



Population Pressures

0  1 **SCORE: 0.214** **RANK: 16/16 REGIONS ASSESSED**

1.1%

Average Annual Total Population Change, 2010 to 2021

2.4%

Average Annual Urban Population Change, 2010 to 2021

33.5%

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

10.8%

Prevalence of Food Insecurity

3.07

Conflict per 100,000 Persons

16.2%

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



Economic Constraints

0  1 **SCORE: 0.469** **RANK: 6/16 REGIONS ASSESSED**

68.6

Economic Dependency Ratio

27.3%

Poverty Incidence

45.8

Poverty Intensity

13.8%

Unemployment Rate



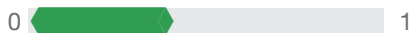
COPING CAPACITY (CC)

RANK: 7 / 16 REGIONS ASSESSED
SCORE: 0.477

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



Economic Capacity

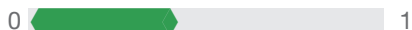


SCORE: 0.38 **RANK: 8/16 REGIONS ASSESSED**

15.7% Population in Highest National Wealth Quintile	7.70 Average Hourly Earnings (Cedis)	55.1% Labor Force Participation (15 and older)	35.7% Average Regional Inflation	17.7% Residential Access to Financial Institution (within residential cluster)
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Transportation Capacity



SCORE: 0.393 **RANK: 7/16 REGIONS ASSESSED**

0.77 Road Density (km of road per sq. km)	54.66 Average Distance to Nearest Port or Airport (km)
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Health Care Capacity



SCORE: 0.443 **RANK: 6/16 REGIONS ASSESSED**

79.6% Basic Antigen Vaccination Rate (children 12-23 months)	67.9% Health Insurance Coverage	13.88 Hospital Beds per 10,000 Persons	61.7% Residential Access to Any Health Facility (within residential cluster)	6.0% Residential Access to Hospital (within residential cluster)	35% Services for Chronic Noncommunicable Disease (% of health facilities)	0.49 General Health Service Readiness Index
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COPING CAPACITY (CC)

RANK: 7 / 16 REGIONS ASSESSED
SCORE: 0.477



Communications Capacity

0  1 **SCORE: 0.662** **RANK: 8/16 REGIONS ASSESSED**

82.4% **71.7%**
Mobile Phone Ownership Smartphone Ownership



Emergency Service Capacity

0  1 **SCORE: 0.395** **RANK: 11/16 REGIONS ASSESSED**

28.19 **14.4%** **67.0%** **69%** **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: 0.59** **RANK: 6/16 REGIONS ASSESSED**

33.7% **85.1%**
Household Access to LPG for Cooking Household Access to Electricity for Lighting



RESILIENCE (R)

RANK: 8 / 16 REGIONS ASSESSED
SCORE: 0.551

Volta's score and ranking are due to Moderate Vulnerability combined with Moderate 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.



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.



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

Denser and more diverse transportation networks provide more options for bringing outside resources into an impacted area and increase the ability of response stakeholders to access affected populations. Improved transportation capacity supports the ability to distribute resources before, during, and after a disaster.



HAZARD-SPECIFIC RISK (HSR)



Sea Level Rise

RANK: 2 / 16 REGIONS ASSESSED

SCORE: 0.443



Coastal Flood

RANK: 1 / 16 REGIONS ASSESSED

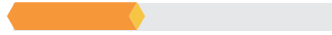
SCORE: 0.604



Drought

RANK: 5 / 16 REGIONS ASSESSED

SCORE: 0.354



Landslide

RANK: 3 / 16 REGIONS ASSESSED

SCORE: 0.455



Extreme Heat

RANK: 3 / 16 REGIONS ASSESSED

SCORE: 0.605



Bushfire

RANK: 9 / 16 REGIONS ASSESSED

SCORE: 0.172



Riverine Flood

RANK: 1 / 16 REGIONS ASSESSED

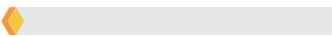
SCORE: 0.67



Malaria

RANK: 15 / 16 REGIONS ASSESSED

SCORE: 0.019



Earthquake

RANK: 3 / 16 REGIONS ASSESSED

SCORE: 0.425





MULTI-HAZARD RISK (MHR)

6 / 16

RANK AMONG REGIONS
Score: 0.518



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

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

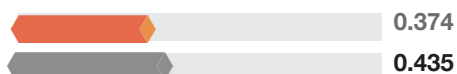
█ █ REGIONS SCORE
█ COUNTRY SCORE



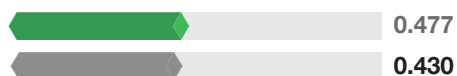
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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