



GUYANA

EAST BERBICE-CORENTYNE

NDPBA SUBNATIONAL PROFILE

GUYANA

EAST BERBICE-CORENTYNE

CAPITAL: NEW AMSTERDAM

Area: 37,000 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Low
Score: 0.427 • Rank: 7/10



RESILIENCE (R) - Moderate
Score: 0.595 • Rank: 5/10



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.470 • Rank: 3/10



VULNERABILITY (V) - High
Score: 0.485 • Rank: 3/10



COPING CAPACITY (CC) - Very High
Score: 0.676 • Rank: 1/10



Population (2012 Census)
109,652



Infant Mortality Rate (per 1,000 live births)
22



Households in Lowest Wealth Quintile
20.4%



Households with Improved Drinking Water Source
99.0%



Adult Illiteracy
15.5%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 3 / 10 REGIONS
SCORE: 0.470



MHE
0.470

Raw MHE
0.523

Relative MHE
0.418

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

6%

6,423

\$8.74 Million

Critical Infrastructure Exposed:
11%



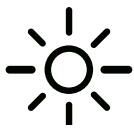
Flash Flooding

54%

60,772

\$468 Million

Critical Infrastructure Exposed:
43%



Drought

40%

45,431

-

Critical Infrastructure Exposed:
-



Riverine Flooding

31%

35,011

\$215 Million

Critical Infrastructure Exposed:
19%



Extreme Heat

100%

113,214

\$1.16 Billion

Critical Infrastructure Exposed:
90%



Wildfire

99%

112,228

\$1.13 Billion

Critical Infrastructure Exposed:
87%



VULNERABILITY (V)

RANK: 3 / 10 REGIONS ASSESSED
SCORE: 0.485

Vulnerability in East Berbice-Corentyne is primarily driven by Vulnerable Groups and Environmental Stress. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Environmental Stress

0 1 **SCORE: 0.357** **RANK: 7/10 REGIONS ASSESSED**

40.7% Households Affected by Drainage Issues	15.8% Households Affected by Waste Disposal	2.8% Households Affected by Soil Erosion	18.4% Households Affected by Water Contamination	-15.95 Change in Intact Forest Area	119.5 Livestock Density (per sq km)
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Socio-Demographic Vulnerability

0 1 **SCORE: 0.517** **RANK: 3/10 REGIONS ASSESSED**



Population Pressures

0 1 **SCORE: 0.813** **RANK: 1/10 REGIONS ASSESSED**

-1.14 Average Annual Population Change	-5.76 Net Migration Rate
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Human Development Vulnerability

0 1 **SCORE: 0.331** **RANK: 5/10 REGIONS ASSESSED**

Standard of Living

SCORE: 0.198 **RANK: 8/10 REGIONS ASSESSED**

99.0% Households with Improved Drinking Water Source	99.3% Households with Improved Sanitation	1.3% Households with Water Source over 30 minutes from Home	7.7% Households Cooking with Solid Fuels	18.8% Households with a Private Vehicle	20.6% Population with Internet Access	84.3% Households with Television Access	52.9% Households with Radio Access
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Vulnerable Health Status

SCORE: 0.447 **RANK: 4/10 REGIONS ASSESSED**

22 Infant Mortality Rate	65 Adolescent Birth Rate	9.1% Children Under Age 5 Wasting
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Information Access Vulnerability

SCORE: 0.561 **RANK: 2/10 REGIONS ASSESSED**

35.6% Adults with Less than Secondary Education	15.5% Adult Illiteracy	89.6% Net Primary School Enrollment
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Economic Constraints

SCORE: 0.117 **RANK: 8/10 REGIONS ASSESSED**

50.3 Age Dependency Ratio	20.4% Unemployment Rate	12.2% Unemployment Rate
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VULNERABILITY (V)

RANK: 3 / 10 REGIONS ASSESSED
SCORE: 0.485



Socio-Demographic Vulnerability (*Continued...*)



Vulnerable Groups

0  1 SCORE: 0.791 RANK: 3/10 REGIONS ASSESSED

3.4%
Disabled
Population

Gender Inequality

SCORE: 0.743 RANK: 2/10 REGIONS ASSESSED

0.33
Female to
Male Labor
Participation

1.13
Parity in
Secondary
Education
Enrollment



COPING CAPACITY (CC)

RANK: 1 / 10 REGIONS ASSESSED
SCORE: 0.676

East Berbice-Corentyne exhibits weaker Coping Capacity in the areas of Governance and Transportation Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



Economic Capacity

0  1 **SCORE: 0.853** **RANK: 2/10 REGIONS ASSESSED**

15.8% Concentration of Wealth	17.0% Population Receiving Remittances	78.5% Households with a Bank Account
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Governance

0  1 **SCORE: 0.560** **RANK: 6/10 REGIONS ASSESSED**

7.4 Crime Rate per 10,000 persons	54.7% Trust in Government	26.5% Community Involvement	15.5% Local Government Participation	18.3% Prevalence of Corruption
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Environmental Capacity

0  1 **SCORE: 0.647** **RANK: 3/10 REGIONS ASSESSED**

<1% Percent Protected Area	87.1% State Managed Forest Area	-7040 Average Annual Net Carbon Flux
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Infrastructure Capacity

0  1 **SCORE: 0.608** **RANK: 6/10 REGIONS ASSESSED**



Emergency Services and Health Care Capacity

0  1 **SCORE: 0.869** **RANK: 4/10 REGIONS ASSESSED**

7.8 Average Distance to Fire Station (km)	5.4 Average Distance to Hospital (km)	4.1 Average Distance to Police Station (km)	89.8% DPT Immunization Coverage
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Transportation Capacity

0  1 **SCORE: 0.379** **RANK: 6/10 REGIONS ASSESSED**

0.03 Road Density (km per sq km)	7.0 Average Distance to Port/Airport (km)
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COPING CAPACITY (CC)

RANK: 1 / 10 REGIONS ASSESSED
SCORE: 0.676



Infrastructure Capacity (Continued...)



Communications Capacity

0  1 SCORE: 0.540 RANK: 6/10 REGIONS ASSESSED

64.1%
Households
with Mobile
Phones

57.5%
Households
with Fixed
Phones

26%
Cell Tower
Coverage Area



Energy Capacity

0  1 SCORE: 0.646 RANK: 4/10 REGIONS ASSESSED

85.7%
Households
with Electricity

53.6%
Households
Using Gas as
Main Cooking
Fuel

3.1
Fuel Stations
per 10,000
Persons



RESILIENCE (R)

RANK: 5 / 10 REGIONS ASSESSED
SCORE: 0.595

East Berbice-Corentyne's score and ranking are due to High Vulnerability combined with Very High Coping Capacity scores.

Below are the four thematic areas with the weakest relative scores:



Vulnerable
Groups



Environmental
Stress



Governance



Transportation
Capacity

KEY FACTORS INFLUENCING RESILIENCE



Vulnerable Groups

Marginalized populations are less likely to have their needs met under pre-disaster conditions, and therefore become even more susceptible to harm during times of disaster. Increase gender-based inclusion and involvement of persons with disabilities and their caregivers in all phases of disaster management, ensuring implementation at subnational and local levels. Plans and strategies must consider the special needs and accommodations of disabled populations during response and recovery, including evacuation and sheltering. Courses of action must consider the roles of women in society and support changes to policies and programs to promote gender-equal access.



Environmental Stress

Environmental stressors such as the depletion or contamination of natural resources can exacerbate natural hazards and negatively impact the health, safety, and economic security of the population.



Governance

Instability of institutional structures can make a region more susceptible to the negative effects of a disaster event. Increasing stability increases the likelihood that emergencies can be better managed at the local level and supports a quick return to normal functions.



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.



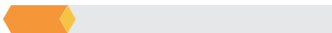
HAZARD-SPECIFIC RISK (HSR)



Coastal Flooding

RANK: 5 / 10 REGIONS ASSESSED

SCORE: 0.164



Drought

RANK: 6 / 10 REGIONS ASSESSED

SCORE: 0.220



Extreme Heat

RANK: 5 / 10 REGIONS ASSESSED

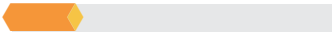
SCORE: 0.321



Flash Flooding

RANK: 7 / 10 REGIONS ASSESSED

SCORE: 0.188



Riverine Flooding

RANK: 8 / 10 REGIONS ASSESSED

SCORE: 0.155



Wildfire

RANK: 4 / 10 REGIONS ASSESSED

SCORE: 0.324

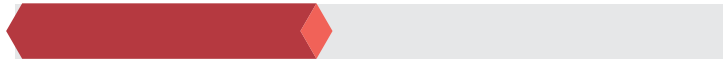




MULTI-HAZARD RISK (MHR)

7 / 10

RANK WITHIN REGIONS
Score: 0.427



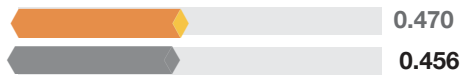
East Berbice-Corentyne's score and ranking are due to High Multi-hazard Exposure combined with High Vulnerability and Very High Coping Capacity scores.

Multi-hazard risk component scores compared to overall average country scores:

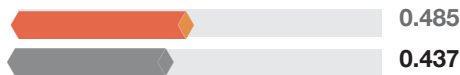
▬ ▬ REGIONS SCORE
▬ COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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