



GUYANA

CUYUNI-MAZARUNI

NDPBA SUBNATIONAL PROFILE

GUYANA

CUYUNI-MAZARUNI

CAPITAL: BARTICA

Area: 47,650 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - High
Score: 0.482 • Rank: 4/10



RESILIENCE (R) - Low
Score: 0.475 • Rank: 7/10



MULTI-HAZARD EXPOSURE (MHE) - Low
Score: 0.397 • Rank: 8/10



VULNERABILITY (V) - Moderate
Score: 0.444 • Rank: 5/10



COPING CAPACITY (CC) - Low
Score: 0.395 • Rank: 8/10



Population (2012 Census)
18,375



Infant Mortality Rate (per 1,000 live births)
53



Households in Lowest Wealth Quintile
69.8%



Households with Improved Drinking Water Source
65.3%



Adult Illiteracy
12.2%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 8 / 10 REGIONS
SCORE: 0.397



MHE
0.397

Raw MHE
0.276

Relative MHE
0.519

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

1%

115

-

Critical Infrastructure Exposed:
0%



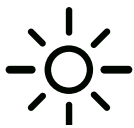
Flash Flooding

92%

19,174

\$53 Million

Critical Infrastructure Exposed:
84%



Drought

99%

20,476

-

Critical Infrastructure Exposed:
-



Riverine Flooding

63%

13,080

\$12 Million

Critical Infrastructure Exposed:
72%



Extreme Heat

71%

14,678

\$40.1 Million

Critical Infrastructure Exposed:
68%



Wildfire

20%

4,165

\$7.64 Million

Critical Infrastructure Exposed:
19%



VULNERABILITY (V)

RANK: 5 / 10 REGIONS ASSESSED
SCORE: 0.444

Vulnerability in Cuyuni-Mazaruni is primarily driven by Environmental Stress and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.540** **RANK: 3/10 REGIONS ASSESSED**

19.3% Households Affected by Drainage Issues	25.6% Households Affected by Waste Disposal	13.4% Households Affected by Soil Erosion	32.9% Households Affected by Water Contamination	-46.73 Change in Intact Forest Area	1.1 Livestock Density (per sq km)
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Socio-Demographic Vulnerability

0  1 **SCORE: 0.420** **RANK: 6/10 REGIONS ASSESSED**



Population Pressures

0  1 **SCORE: 0.177** **RANK: 9/10 REGIONS ASSESSED**

0.44 Average Annual Population Change	0.35 Net Migration Rate
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Human Development Vulnerability

0  1 **SCORE: 0.513** **RANK: 4/10 REGIONS ASSESSED**

Standard of Living

SCORE: 0.545 **RANK: 4/10 REGIONS ASSESSED**

65.3% Households with Improved Drinking Water Source	59.2% Households with Improved Sanitation	2.3% Households with Water Source over 30 minutes from Home	45.9% Households Cooking with Solid Fuels	15.1% Households with a Private Vehicle	17.5% Population with Internet Access	72.4% Households with Television Access	57.2% Households with Radio Access
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Vulnerable Health Status

SCORE: 0.782 **RANK: 1/10 REGIONS ASSESSED**

53 Infant Mortality Rate	187 Adolescent Birth Rate	5.3% Children Under Age 5 Wasting
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Information Access Vulnerability

SCORE: 0.355 **RANK: 7/10 REGIONS ASSESSED**

29.0% Adults with Less than Secondary Education	12.2% Adult Illiteracy	91.1% Net Primary School Enrollment
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Economic Constraints

SCORE: 0.368 **RANK: 4/10 REGIONS ASSESSED**

62.1 Age Dependency Ratio	69.8% Unemployment Rate	11.6% Unemployment Rate
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VULNERABILITY (V)

RANK: 5 / 10 REGIONS ASSESSED
SCORE: 0.444



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



Vulnerable Groups

0  1 SCORE: 0.317 RANK: 8/10 REGIONS ASSESSED

1.5%

Disabled
Population

Gender Inequality

SCORE: 0.528 RANK: 6/10 REGIONS ASSESSED

0.46

Female to
Male Labor
Participation

1.15

Parity in
Secondary
Education
Enrollment



COPING CAPACITY (CC)

RANK: 8 / 10 REGIONS ASSESSED
SCORE: 0.395

Cuyuni-Mazaruni exhibits weaker Coping Capacity in the areas of Economic Capacity and Emergency Services and Health Care Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



Economic Capacity

0  1 **SCORE: 0.213** **RANK: 8/10 REGIONS ASSESSED**

8.3% Concentration of Wealth	3.9% Population Receiving Remittances	36.4% Households with a Bank Account
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Governance

0  1 **SCORE: 0.938** **RANK: 3/10 REGIONS ASSESSED**

46.9 Crime Rate per 10,000 persons	64.2% Trust in Government	55.6% Community Involvement	25.0% Local Government Participation	10.3% Prevalence of Corruption
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Environmental Capacity

0  1 **SCORE: 0.520** **RANK: 5/10 REGIONS ASSESSED**

0.00% Percent Protected Area	60.5% State Managed Forest Area	-7090 Average Annual Net Carbon Flux
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Infrastructure Capacity

0  1 **SCORE: 0.227** **RANK: 9/10 REGIONS ASSESSED**



Emergency Services and Health Care Capacity

0  1 **SCORE: 0.090** **RANK: 10/10 REGIONS ASSESSED**

83.7 Average Distance to Fire Station (km)	41.5 Average Distance to Hospital (km)	31.8 Average Distance to Police Station (km)	84.0% DPT Immunization Coverage
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Transportation Capacity

0  1 **SCORE: 0.163** **RANK: 10/10 REGIONS ASSESSED**

0.03 Road Density (km per sq km)	11.1 Average Distance to Port/Airport (km)
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COPING CAPACITY (CC)

RANK: 8 / 10 REGIONS ASSESSED
SCORE: 0.395



Infrastructure Capacity (Continued...)



Communications Capacity

0  1 SCORE: 0.284 RANK: 7/10 REGIONS ASSESSED

55.8% Households with Mobile Phones	18.6% Households with Fixed Phones	27% Cell Tower Coverage Area
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Energy Capacity

0  1 SCORE: 0.373 RANK: 7/10 REGIONS ASSESSED

46.9% Households with Electricity	41.2% Households Using Gas as Main Cooking Fuel	3.3 Fuel Stations per 10,000 Persons
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RESILIENCE (R)

RANK: 7 / 10 REGIONS ASSESSED
SCORE: 0.475

Cuyuni-Mazaruni's score and ranking are due to Moderate Vulnerability combined with Low Coping Capacity scores.

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



Environmental Stress



Vulnerable Health Status



Economic Capacity



Emergency Services and Health Care Capacity

KEY FACTORS INFLUENCING RESILIENCE



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.



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.



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.



Emergency Services and Health Care Capacity

Establishing and maintaining a broad range of systems and resources, including skilled caregivers and dedicated facilities, to support emergency services and the treatment of injury and disease during non-disaster times, will greatly enhance the capacity for disaster management and response, and improve the ability of societies to address disaster-associated health and medical impacts.

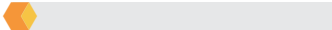


HAZARD-SPECIFIC RISK (HSR)



Coastal Flooding

RANK: 7 / 10 REGIONS ASSESSED
SCORE: 0.052



Drought

RANK: 2 / 10 REGIONS ASSESSED
SCORE: 0.384



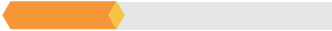
Extreme Heat

RANK: 9 / 10 REGIONS ASSESSED
SCORE: 0.170



Flash Flooding

RANK: 3 / 10 REGIONS ASSESSED
SCORE: 0.308



Riverine Flooding

RANK: 3 / 10 REGIONS ASSESSED
SCORE: 0.302



Wildfire

RANK: 10 / 10 REGIONS ASSESSED
SCORE: 0.004





MULTI-HAZARD RISK (MHR)

4 / 10

RANK WITHIN REGIONS
Score: 0.482



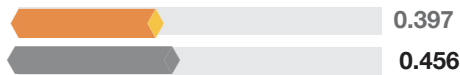
Cuyuni-Mazaruni's score and ranking are due to Low Multi-hazard Exposure combined with Moderate Vulnerability and Low Coping Capacity scores.

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

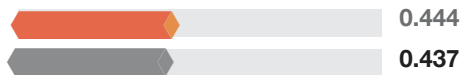
REGIONS SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

**1305 N Holocono Street
Suite 2, Kihei, HI 96753**

**P: (808) 891-0525
F: (808) 891-0526**



@PDC_Global



/PDCGlobal



www.pdc.org



ndpba.guy@pdc.org