



GUYANA

POTARO-SIPARUNI

NDPBA SUBNATIONAL PROFILE

GUYANA

POTARO-SIPARUNI

CAPITAL: MAHDIA

Area: 20,330 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low
Score: 0.357 • Rank: 10/10



RESILIENCE (R) - Very Low
Score: 0.464 • Rank: 9/10



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.000 • Rank: 10/10



VULNERABILITY (V) - Very High
Score: 0.535 • Rank: 2/10



COPING CAPACITY (CC) - Low
Score: 0.464 • Rank: 7/10



Population (2012 Census)
11,077



Infant Mortality Rate (per 1,000 live births)
21



Households in Lowest Wealth Quintile
69.8%



Households with Improved Drinking Water Source
65.3%

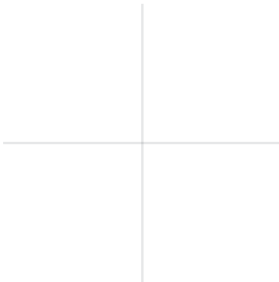


Adult Illiteracy
11.4%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 10 / 10 REGIONS
SCORE: 0.000



MHE
0.000

Raw MHE
0.000

Relative MHE
0.000

ESTIMATED EXPOSURE TO EACH HAZARD:



Coastal Flooding

0%

0

-

Critical Infrastructure Exposed:
0%



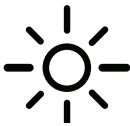
Flash Flooding

54%

4,500

\$16.9 Million

Critical Infrastructure Exposed:
70%



Drought

100%

8,347

-

Critical Infrastructure Exposed:
-



Riverine Flooding

13%

1,115

\$1.65 Million

Critical Infrastructure Exposed:
22%



Extreme Heat

55%

4,621

\$11.1 Million

Critical Infrastructure Exposed:
38%



Wildfire

31%

2,602

\$51.4 Million

Critical Infrastructure Exposed:
58%



VULNERABILITY (V)

RANK: 2 / 10 REGIONS ASSESSED
SCORE: 0.535

Vulnerability in Potaro-Siparuni is primarily driven by Vulnerable Groups and Standard of Living. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Environmental Stress

0 1 **SCORE: 0.076** **RANK: 10/10 REGIONS ASSESSED**

4.3% Households Affected by Drainage Issues	7.1% Households Affected by Waste Disposal	4.1% Households Affected by Soil Erosion	14.9% Households Affected by Water Contamination	-28.59 Change in Intact Forest Area	0.2 Livestock Density (per sq km)
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Socio-Demographic Vulnerability

0 1 **SCORE: 0.650** **RANK: 2/10 REGIONS ASSESSED**



Population Pressures

0 1 **SCORE: 0.489** **RANK: 3/10 REGIONS ASSESSED**

0.97 Average Annual Population Change	2.51 Net Migration Rate
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Human Development Vulnerability

0 1 **SCORE: 0.605** **RANK: 3/10 REGIONS ASSESSED**

Standard of Living

SCORE: 0.818 **RANK: 2/10 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	7.9% Households with a Private Vehicle	4.5% Population with Internet Access	34.3% Households with Television Access	29.6% Households with Radio Access
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Vulnerable Health Status

SCORE: 0.515 **RANK: 3/10 REGIONS ASSESSED**

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

SCORE: 0.483 **RANK: 5/10 REGIONS ASSESSED**

21.3% Adults with Less than Secondary Education	11.4% Adult Illiteracy	85.2% Net Primary School Enrollment
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Economic Constraints

SCORE: 0.605 **RANK: 3/10 REGIONS ASSESSED**

73.7 Age Dependency Ratio	69.8% Unemployment Rate	15.8% Unemployment Rate
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VULNERABILITY (V)

RANK: 2 / 10 REGIONS ASSESSED
SCORE: 0.535



Socio-Demographic Vulnerability (Continued...)



Vulnerable Groups

0  1 SCORE: 0.792 RANK: 2/10 REGIONS ASSESSED

3.9%
Disabled
Population

Gender Inequality

SCORE: 0.583 RANK: 5/10 REGIONS ASSESSED

0.43 Female to Male Labor Participation	1.15 Parity in Secondary Education Enrollment
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COPING CAPACITY (CC)

RANK: 7 / 10 REGIONS ASSESSED
SCORE: 0.464

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



Economic Capacity

0  1 **SCORE: 0.243** **RANK: 7/10 REGIONS ASSESSED**

8.3% Concentration of Wealth	5.1% Population Receiving Remittances	36.4% Households with a Bank Account
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Governance

0  1 **SCORE: 0.963** **RANK: 2/10 REGIONS ASSESSED**

31.2 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: 0.586** **RANK: 4/10 REGIONS ASSESSED**

20.37% Percent Protected Area	44.5% State Managed Forest Area	-2480 Average Annual Net Carbon Flux
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Infrastructure Capacity

0  1 **SCORE: 0.349** **RANK: 7/10 REGIONS ASSESSED**



Emergency Services and Health Care Capacity

0  1 **SCORE: 0.342** **RANK: 8/10 REGIONS ASSESSED**

77.7 Average Distance to Fire Station (km)	23.7 Average Distance to Hospital (km)	18.7 Average Distance to Police Station (km)	84.0% DPT Immunization Coverage
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Transportation Capacity

0  1 **SCORE: 0.454** **RANK: 5/10 REGIONS ASSESSED**

0.05 Road Density (km per sq km)	6.3 Average Distance to Port/Airport (km)
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COPING CAPACITY (CC)

RANK: 7 / 10 REGIONS ASSESSED
SCORE: 0.464



Infrastructure Capacity (Continued...)



Communications Capacity

0  1 SCORE: 0.266 RANK: 8/10 REGIONS ASSESSED

30.4%
Households with Mobile Phones

0.8%
Households with Fixed Phones

79%
Cell Tower Coverage Area



Energy Capacity

0  1 SCORE: 0.333 RANK: 8/10 REGIONS ASSESSED

46.9%
Households with Electricity

41.2%
Households Using Gas as Main Cooking Fuel

2.7
Fuel Stations per 10,000 Persons



RESILIENCE (R)

RANK: 9 / 10 REGIONS ASSESSED
SCORE: 0.464

Potaro-Siparuni's score and ranking are due to Very High Vulnerability combined with Low Coping Capacity scores.

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



Vulnerable Groups



Standard of Living



Economic Capacity



Communications 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.



Standard of Living

Households experiencing access or mobility constraints with regard to information, clean water and sanitation, or transportation are challenged to maintain a standard of living that meets basic household needs. Those with information access or mobility constraints may not be able to receive and act upon warning information in a timely manner or seek emergency medical care. Households 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. Expansion of information and communications technology into remote and underserved communities will increase accessibility to alert and warning information.



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.



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.

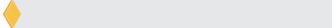


HAZARD-SPECIFIC RISK (HSR)



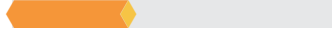
Coastal Flooding

RANK: 9 / 10 REGIONS ASSESSED
SCORE: 0.005



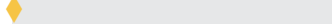
Drought

RANK: 4 / 10 REGIONS ASSESSED
SCORE: 0.331



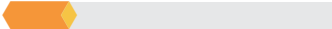
Extreme Heat

RANK: 10 / 10 REGIONS ASSESSED
SCORE: 0.000



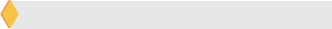
Flash Flooding

RANK: 8 / 10 REGIONS ASSESSED
SCORE: 0.170



Riverine Flooding

RANK: 10 / 10 REGIONS ASSESSED
SCORE: 0.007



Wildfire

RANK: 8 / 10 REGIONS ASSESSED
SCORE: 0.150





MULTI-HAZARD RISK (MHR)

10 / 10

RANK WITHIN REGIONS
Score: 0.357



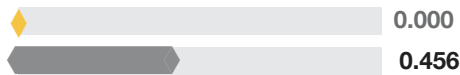
Potaro-Siparuni's score and ranking are due to Very Low Multi-hazard Exposure combined with Very High Vulnerability and Low Coping Capacity scores.

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.

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