



NEPAL

PARBAT

NDPBA SUBNATIONAL PROFILE

NEPAL PARBAT

Area: 494 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low
Score: 0.463 • Rank: 65/77



RESILIENCE (R) - High
Score: 0.541 • Rank: 24/77



MULTI-HAZARD EXPOSURE (MHE) - Low
Score: 0.471 • Rank: 49/77



VULNERABILITY (V) - Very Low
Score: 0.318 • Rank: 65/77



COPING CAPACITY (CC) - Moderate
Score: 0.401 • Rank: 43/77



Population (2021 Statistical Yearbook)
132,703



Infant Mortality Rate (per 1,000 live births)
15.4



Population below Poverty Line
12.7%



Population with Safe Drinking Water
83.2%



Adult Literacy
67.6%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 49 / 77 DISTRICTS

SCORE: 0.471



MHE
0.471

Raw MHE
0.454

Relative MHE
0.487

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

85,401

\$263.78 Million

Critical Infrastructure Exposed:
100%



Landslide

99%

84,442

\$263.78 Million

Critical Infrastructure Exposed:
100%



Extreme Heat

33%

28,224

\$126.47 Million

Critical Infrastructure Exposed:
48%



Wildfire

0%

0

\$0

Critical Infrastructure Exposed:
0%



Fluvial Flood

2%

2,103

-

Critical Infrastructure Exposed:
-



Pluvial Flood

7%

5,908

\$32.56 Million

Critical Infrastructure Exposed:
12%

NOTE: Population exposure values for Nepal districts are estimated using PDC's AIM model. Values may differ from Census population estimates.



VULNERABILITY (V)

RANK: 65 / 77 DISTRICTS ASSESSED
SCORE: 0.318

Vulnerability in Parbat is primarily driven by Food Insecurity and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.324** **RANK: 66/77 DISTRICTS ASSESSED**

67.6% Adult Literacy	4.56 Mean Years of Schooling	96.8 Primary School Net Enrollment	10.25 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.267** **RANK: 69/77 DISTRICTS ASSESSED**

83.2% Access to Safe Drinking Water	9.7% Households without Toilet	31.9% Water Schemes in Disrepair	210.6 Typhoid Incidence (per 10,000)	0.0 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.396** **RANK: 57/77 DISTRICTS ASSESSED**

\$1,013 Income per Capita (PPP \$)	12.7% Poverty Headcount Ratio	2.5% Poverty Gap	81.7 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.437** **RANK: 42/77 DISTRICTS ASSESSED**

18.1% Food Poverty Prevalence	29.2% Low kcal Intake Prevalence	73.6% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.228** **RANK: 62/77 DISTRICTS ASSESSED**

0.27 Female to Male Literacy Ratio (Distance from Parity)	0.04 Female to Male Secondary Enrollment Ratio (Distance from Parity)	78.2% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 65 / 77 DISTRICTS ASSESSED
SCORE: 0.318

Vulnerability in Parbat is primarily driven by Food Insecurity and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Vulnerable Health Status

0  1 **SCORE: 0.256** **RANK: 67/77 DISTRICTS ASSESSED**

72.7
Life Expectancy

2.5%
Disabled Population



Child Health

0  1 **SCORE: 0.338** **RANK: 51/77 DISTRICTS ASSESSED**

26.2%
Child Malnutrition Rate

15.4
Infant Mortality Rate (per 1,000 live births)

984.7
Child ARI Incidence (per 1,000)

33.2
Child Diarrhea Incidence (per 100)

96.8
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 43 / 77 DISTRICTS ASSESSED
SCORE: 0.401

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



Economic Capacity

0  1 **SCORE: 0.192** **RANK: 54/77 DISTRICTS ASSESSED**

6,005

Gross Domestic Product (Million Rs.)

84,924

Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.384** **RANK: 59/77 DISTRICTS ASSESSED**

0.2

Average Annual Conflict (per 10,000)

6.83

Government Management (Score out of 9)

4.13

Organization and Administration (Score out of 8)

3.75

Budget and Plan Management (Score out of 11)

5.88

Fiscal and Financial Management (Score out of 11)

7.04

Service Flow (Score out of 16)

3.88

Judicial Work (Score out of 7)

4.46

Physical Infrastructure (Score out of 13)

3.92

Social Inclusion (Score out of 10)

3.42

Environmental Protection and Disaster Management (Score out of 9)

1.5

Cooperation and Coordination (Score out of 6)



Environmental Capacity

0  1 **SCORE: 0.015** **RANK: 45/77 DISTRICTS ASSESSED**

0.0%

Protected Area



COPING CAPACITY (CC)

RANK: 43 / 77 DISTRICTS ASSESSED
SCORE: 0.401

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



Infrastructure Capacity

0  1 **SCORE: 0.615** **RANK: 15/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.554** **RANK: 17/77 DISTRICTS ASSESSED**

3.2% Households with Landline	1.4% Households with Internet	25.5% Households with Television	62.5% Households with Radio	76.0% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.643** **RANK: 18/77 DISTRICTS ASSESSED**

19 Road Density (km per sq. km)	51.2% Improved Roadway	28.6 Average Distance to Airport (km)	92.8 Average Distance to Dry Port (km)	28.6 Average Distance to Warehouse (km)	12.8 Average Distance to Police Station (km)	10.2 Average Distance to Hospital (km)	2.64 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.649** **RANK: 18 /77 DISTRICTS ASSESSED**

80.2% Households with Electricity	12.6% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 24 / 77 DISTRICTS ASSESSED

SCORE: 0.541

Parbat's score and ranking are due to Very Low Vulnerability combined with Moderate Coping Capacity scores.

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



Food Insecurity



Economic Constraints



Communications Capacity



Economic Capacity

KEY FACTORS INFLUENCING RESILIENCE



Food Insecurity

The changing frequency and intensity of disasters can expose the entire food system to supply chain disruptions. Promoting resilient agricultural systems through training of local farmers in sustainable practices (e.g., soil improvement, erosion reduction) and improving efficiencies in food marketing, storage, delivery, and waste management will help to increase the nutrition and food security of present and future generations.



Economic Constraints

Economic constraints have individual, household, community, and district-wide influence. Limitations on available financial resources reduce opportunities to invest in mitigation and preparedness measures and limit the ability to facilitate short- and long-term recovery.



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.

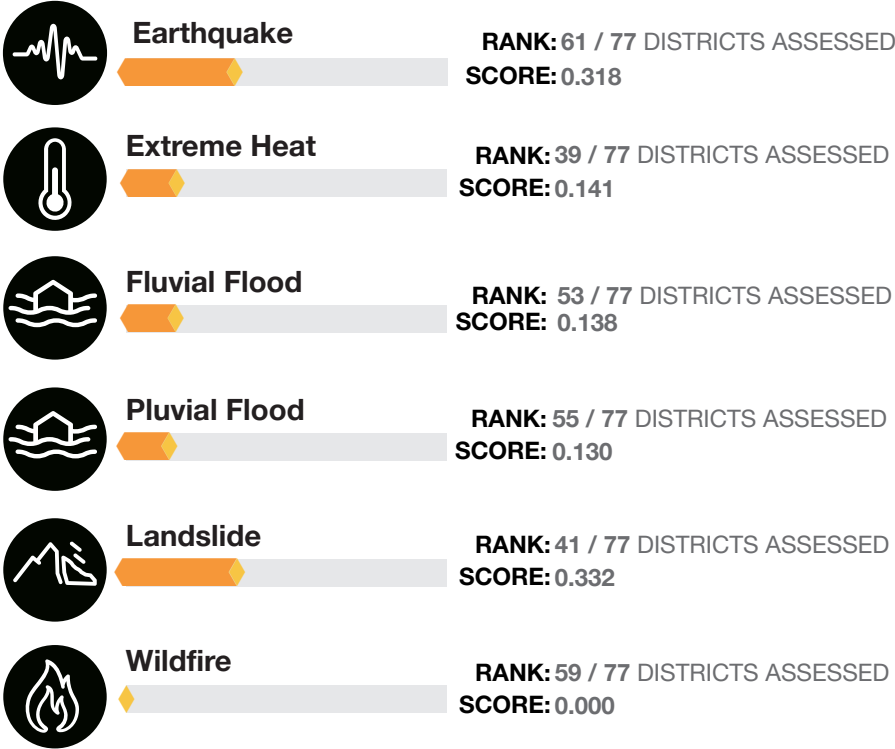


Economic Capacity

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.



HAZARD-SPECIFIC RISK (HSR)





MULTI-HAZARD RISK (MHR)

65 / 77

RANK WITHIN DISTRICTS
Score: 0.463



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

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

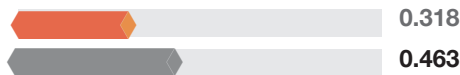
DISTRICTS SCORE
COUNTRY SCORE



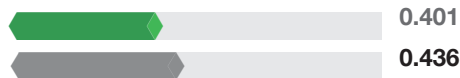
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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