



NEPAL

MUGU

NDPBA SUBNATIONAL PROFILE

NEPAL

MUGU

Area: 3,535 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Moderate
Score: 0.529 • Rank: 39/77



RESILIENCE (R) - Very Low
Score: 0.365 • Rank: 63/77



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.319 • Rank: 76/77



VULNERABILITY (V) - Very High
Score: 0.680 • Rank: 9/77



COPING CAPACITY (CC) - Moderate
Score: 0.410 • Rank: 39/77



Population (2021 Statistical Yearbook)
66,658



Infant Mortality Rate (per 1,000 live births)
41.2



Population below Poverty Line
47.1%



Population with Safe Drinking Water
75.3%



Adult Literacy
39.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 76 / 77 DISTRICTS
SCORE: 0.319



MHE
0.319

Raw MHE
0.340

Relative MHE
0.298

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

56,315

\$75.03 Million

Critical Infrastructure Exposed:
100%



Landslide

100%

56,315

\$74.92 Million

Critical Infrastructure Exposed:
100%



Extreme Heat

0%

0

\$0

Critical Infrastructure Exposed:
0%



Wildfire

2%

1,069

\$3.87 Million

Critical Infrastructure Exposed:
5%



Fluvial Flood

3%

1,565

\$0.97 Million

Critical Infrastructure Exposed:
1%



Pluvial Flood

8%

4,440

\$1.82 Million

Critical Infrastructure Exposed:
2%

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



VULNERABILITY (V)

RANK: 9 / 77 DISTRICTS ASSESSED
SCORE: 0.680

Vulnerability in Mugu is primarily driven by Economic Constraints and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.676** **RANK: 18/77 DISTRICTS ASSESSED**

39.3% Adult Literacy	2.5 Mean Years of Schooling	96.3 Primary School Net Enrollment	27.75 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.565** **RANK: 17/77 DISTRICTS ASSESSED**

75.3% Access to Safe Drinking Water	51.6% Households without Toilet	43.9% Water Schemes in Disrepair	165.5 Typhoid Incidence (per 10,000)	73.0 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.777** **RANK: 9/77 DISTRICTS ASSESSED**

\$866 Income per Capita (PPP \$)	47.1% Poverty Headcount Ratio	12.5% Poverty Gap	99.7 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.694** **RANK: 12/77 DISTRICTS ASSESSED**

47.2% Food Poverty Prevalence	42.6% Low kcal Intake Prevalence	71.1% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.658** **RANK: 8/77 DISTRICTS ASSESSED**

0.68 Female to Male Literacy Ratio (Distance from Parity)	0.02 Female to Male Secondary Enrollment Ratio (Distance from Parity)	95.5% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 9 / 77 DISTRICTS ASSESSED
SCORE: 0.680

Vulnerability in Mugu is primarily driven by Economic Constraints and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Vulnerable Health Status

0  1 **SCORE: 0.709** **RANK: 5/77 DISTRICTS ASSESSED**

59.5
 Life Expectancy

3.5%
 Disabled Population



Child Health

0  1 **SCORE: 0.669** **RANK: 11/77 DISTRICTS ASSESSED**

50.2%
 Child Malnutrition Rate

41.2
 Infant Mortality Rate (per 1,000 live births)

933.5
 Child ARI Incidence (per 1,000)

72.1
 Child Diarrhea Incidence (per 100)

183.0
 Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 39 / 77 DISTRICTS ASSESSED
SCORE: 0.410

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



Economic Capacity

0 1 **SCORE: 0.125** **RANK: 66/77 DISTRICTS ASSESSED**

1,955 **77,260**
 Gross Domestic Product (Million Rs.) Labor Productivity (Rs.)



Governance

0 1 **SCORE: 0.811** **RANK: 2/77 DISTRICTS ASSESSED**

0.57 Average Annual Conflict (per 10,000)	7.5 Government Management (Score out of 9)	6.75 Organization and Administration (Score out of 8)	7.25 Budget and Plan Management (Score out of 11)	7.5 Fiscal and Financial Management (Score out of 11)	12.5 Service Flow (Score out of 16)	7 Judicial Work (Score out of 7)	3.25 Physical Infrastructure (Score out of 13)
6 Social Inclusion (Score out of 10)	6 Environmental Protection and Disaster Management (Score out of 9)	6 Cooperation and Coordination (Score out of 6)					



Environmental Capacity

0 1 **SCORE: 0.623** **RANK: 18/77 DISTRICTS ASSESSED**

38.5%
Protected Area



COPING CAPACITY (CC)

RANK: 39 / 77 DISTRICTS ASSESSED
SCORE: 0.410

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



Infrastructure Capacity

0  1 **SCORE: 0.199** **RANK: 75/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.115** **RANK: 76/77 DISTRICTS ASSESSED**

1.0% Households with Landline	0.2% Households with Internet	3.4% Households with Television	33.9% Households with Radio	35.4% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.424** **RANK: 69/77 DISTRICTS ASSESSED**

1 Road Density (km per sq. km)	0.0% Improved Roadway	17.1 Average Distance to Airport (km)	309.4 Average Distance to Dry Port (km)	17.1 Average Distance to Warehouse (km)	6.0 Average Distance to Police Station (km)	21.4 Average Distance to Hospital (km)	2.25 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.059** **RANK: 76 /77 DISTRICTS ASSESSED**

13.9% Households with Electricity	0.0% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 63 / 77 DISTRICTS ASSESSED
SCORE: 0.365

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

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



Economic Constraints



Vulnerable Health Status



Energy Capacity



Communications Capacity

KEY FACTORS INFLUENCING RESILIENCE



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.



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.



Energy Capacity

Homes, businesses, industry, and government all rely on access to energy resources for continuity of daily activities. Expanding, strengthening, and securing the energy network and increasing the availability and quantity of energy reserves will contribute to economic development and increase the speed of recovery processes in the aftermath of a disaster.



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)



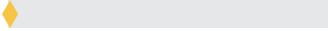
Earthquake

RANK: 26 / 77 DISTRICTS ASSESSED
SCORE: 0.412



Extreme Heat

RANK: 61 / 77 DISTRICTS ASSESSED
SCORE: 0.000



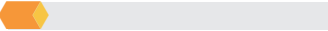
Fluvial Flood

RANK: 65 / 77 DISTRICTS ASSESSED
SCORE: 0.107



Pluvial Flood

RANK: 69 / 77 DISTRICTS ASSESSED
SCORE: 0.099



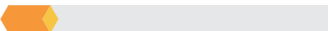
Landslide

RANK: 19 / 77 DISTRICTS ASSESSED
SCORE: 0.432



Wildfire

RANK: 48 / 77 DISTRICTS ASSESSED
SCORE: 0.122





MULTI-HAZARD RISK (MHR)

39 / 77

RANK WITHIN DISTRICTS
Score: 0.529



Mugu's score and ranking are due to Very Low Multi-hazard Exposure combined with Very High 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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