



NEPAL

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**ILAM**

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**NDPBA SUBNATIONAL PROFILE**



# NEPAL ILAM

Area: 1,703 km<sup>2</sup>



## RISK AND VULNERABILITY COMPONENT SCORE



**MULTI-HAZARD RISK (MHR) - Very Low**  
Score: 0.454 • Rank: 66/77



**RESILIENCE (R) - High**  
Score: 0.548 • Rank: 21/77



**MULTI-HAZARD EXPOSURE (MHE) - Low**  
Score: 0.457 • Rank: 50/77



**VULNERABILITY (V) - Very Low**  
Score: 0.323 • Rank: 63/77



**COPING CAPACITY (CC) - Moderate**  
Score: 0.419 • Rank: 37/77



Population (2021 Statistical Yearbook)  
**280,565**



Infant Mortality Rate (per 1,000 live births)  
**34.5**



Population below Poverty Line  
**7.3%**



Population with Safe Drinking Water  
**79.0%**



Adult Literacy  
**73.5%**



# MULTI-HAZARD EXPOSURE (MHE)

RANK: 50 / 77 DISTRICTS  
SCORE: 0.457



MHE  
0.457

Raw MHE  
0.520

Relative MHE  
0.394

## ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

**100%**

272,998

\$300.2 Million

Critical Infrastructure Exposed:  
100%



Landslide

**88%**

240,851

\$197.23 Million

Critical Infrastructure Exposed:  
66%



Extreme Heat

**25%**

67,958

\$191.59 Million

Critical Infrastructure Exposed:  
64%



Wildfire

**0%**

0

\$0

Critical Infrastructure Exposed:  
0%



Fluvial Flood

**1%**

1,696

\$25.88 Million

Critical Infrastructure Exposed:  
9%



Pluvial Flood

**5%**

12,977

\$54.06 Million

Critical Infrastructure Exposed:  
18%

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



## VULNERABILITY (V)

**RANK: 63 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.323**

Vulnerability in Ilam is primarily driven by Gender Inequality and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### Information Access Vulnerability

0 1 **SCORE: 0.274** **RANK: 72/77 DISTRICTS ASSESSED**

<b>73.5%</b> Adult Literacy	<b>4.74</b> Mean Years of Schooling	<b>97.1</b> Primary School Net Enrollment	<b>10.77</b> Student Teacher Ratio
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### Access to Clean Water Vulnerability

0 1 **SCORE: 0.284** **RANK: 65/77 DISTRICTS ASSESSED**

<b>79.0%</b> Access to Safe Drinking Water	<b>9.5%</b> Households without Toilet	<b>34.1%</b> Water Schemes in Disrepair	<b>70.2</b> Typhoid Incidence (per 10,000)	<b>17.0</b> Cholera Incidence (per 100,000)
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### Economic Constraints

0 1 **SCORE: 0.254** **RANK: 72/77 DISTRICTS ASSESSED**

<b>\$1,260</b> Income per Capita (PPP \$)	<b>7.3%</b> Poverty Headcount Ratio	<b>1.2%</b> Poverty Gap	<b>61.5</b> Age Dependency Ratio
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### Food Insecurity

0 1 **SCORE: 0.320** **RANK: 58/77 DISTRICTS ASSESSED**

<b>14.7%</b> Food Poverty Prevalence	<b>32.0%</b> Low kcal Intake Prevalence	<b>55.0%</b> Agricultural Insufficiency Rate
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### Gender Inequality

0 1 **SCORE: 0.412** **RANK: 34/77 DISTRICTS ASSESSED**

<b>0.19</b> Female to Male Literacy Ratio (Distance from Parity)	<b>0.19</b> Female to Male Secondary Enrollment Ratio (Distance from Parity)	<b>81.1%</b> No Female Home nor Land Ownership
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## VULNERABILITY (V)

**RANK: 63 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.323**

Vulnerability in Ilam is primarily driven by Gender Inequality and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### Vulnerable Health Status

0  1 **SCORE: 0.392** **RANK: 36/77 DISTRICTS ASSESSED**

**67.5**  
Life Expectancy

**2.6%**  
Disabled Population



### Child Health

0  1 **SCORE: 0.406** **RANK: 43/77 DISTRICTS ASSESSED**

**46.1%**  
Child Malnutrition Rate

**34.5**  
Infant Mortality Rate (per 1,000 live births)

**726.6**  
Child ARI Incidence (per 1,000)

**29.9**  
Child Diarrhea Incidence (per 100)

**79.4**  
Child Pneumonia Incidence (per 1,000)



## COPING CAPACITY (CC)

**RANK: 37 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.419**

Ilam 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: 0.351** **RANK: 28/77 DISTRICTS ASSESSED**

**14,852** **104,703**  
Gross Domestic Product (Million Rs.) Labor Productivity (Rs.)



## Governance

0  1 **SCORE: 0.420** **RANK: 53/77 DISTRICTS ASSESSED**

<b>0.14</b> Average Annual Conflict (per 10,000)	<b>6.48</b> Government Management (Score out of 9)	<b>3.68</b> Organization and Administration (Score out of 8)	<b>5.35</b> Budget and Plan Management (Score out of 11)	<b>6.45</b> Fiscal and Financial Management (Score out of 11)	<b>8.98</b> Service Flow (Score out of 16)	<b>4.6</b> Judicial Work (Score out of 7)	<b>3.33</b> Physical Infrastructure (Score out of 13)
<b>4.15</b> Social Inclusion (Score out of 10)	<b>3.4</b> Environmental Protection and Disaster Management (Score out of 9)	<b>1.78</b> Cooperation and Coordination (Score out of 6)					



## Environmental Capacity

0  1 **SCORE: 0.000** **RANK: 49/77 DISTRICTS ASSESSED**

**0.0%**  
Protected Area



## COPING CAPACITY (CC)

**RANK: 37 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.419**

Ilam 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: 0.558** **RANK: 26/77 DISTRICTS ASSESSED**



## Communications Capacity

0  1 **SCORE: 0.575** **RANK: 12/77 DISTRICTS ASSESSED**

<b>4.0%</b> Households with Landline	<b>0.7%</b> Households with Internet	<b>38.4%</b> Households with Television	<b>67.1%</b> Households with Radio	<b>69.2%</b> Households with Mobile Phone
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## Logistics Capacity

0  1 **SCORE: 0.590** **RANK: 33/77 DISTRICTS ASSESSED**

<b>15</b> Road Density (km per sq. km)	<b>51.0%</b> Improved Roadway	<b>27.1</b> Average Distance to Airport (km)	<b>43.8</b> Average Distance to Dry Port (km)	<b>27.1</b> Average Distance to Warehouse (km)	<b>15.2</b> Average Distance to Police Station (km)	<b>14.2</b> Average Distance to Hospital (km)	<b>1.18</b> Operational Hospital Beds (per 10,000)
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## Energy Capacity

0  1 **SCORE: 0.509** **RANK: 38 /77 DISTRICTS ASSESSED**

<b>65.5%</b> Households with Electricity	<b>5.9%</b> Households using Gas for Cooking
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## RESILIENCE (R)

RANK: 21 / 77 DISTRICTS ASSESSED

SCORE: 0.548

Ilam'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:



Gender Inequality



Vulnerable Health Status



Energy Capacity



Communications Capacity

## KEY FACTORS INFLUENCING RESILIENCE



### Gender Inequality

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 in all phases of DM, ensuring the implementation at subnational and local levels. Courses of action must recognize the role of women in society and support changes to policies and programs to promote gender-equal access.



### 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.



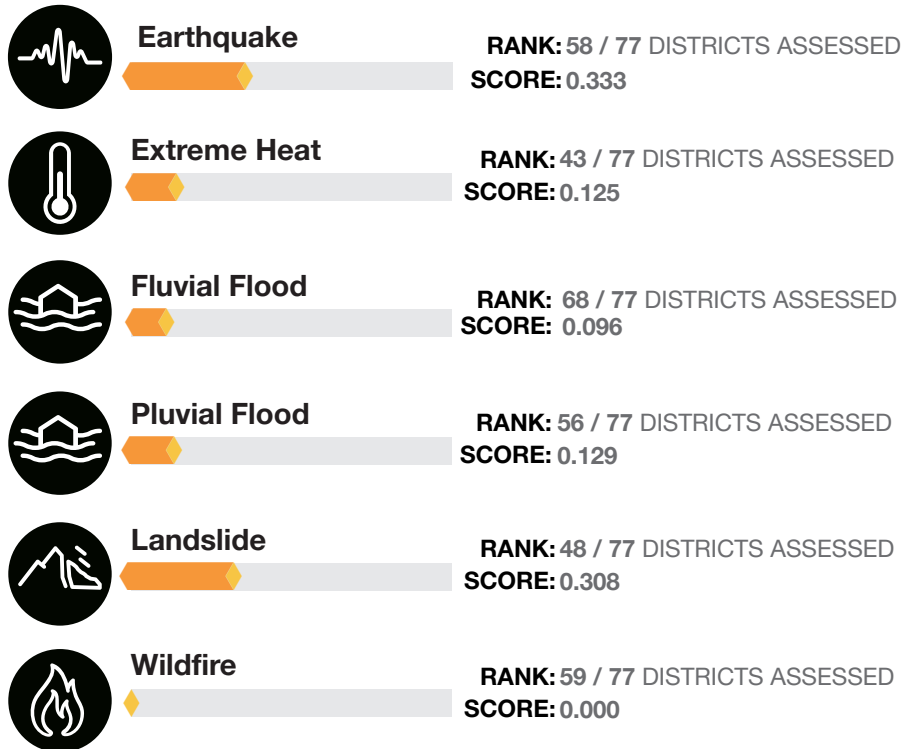
### Communications Capacity

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)





## MULTI-HAZARD RISK (MHR)

**66 / 77**

RANK WITHIN DISTRICTS  
Score: 0.454



Ilam'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:

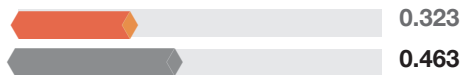
DISTRICTS SCORE  
COUNTRY SCORE



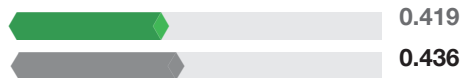
#### Multi-Hazard Exposure



#### Vulnerability



#### Coping Capacity



**Better solutions.  
Fewer disasters.**

# Safer world.

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