



NEPAL

JUMLA

NDPBA SUBNATIONAL PROFILE

NEPAL JUMLA

Area: 2,531 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - High
Score: 0.578 • Rank: 25/77



RESILIENCE (R) - Very Low
Score: 0.330 • Rank: 67/77



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.395 • Rank: 64/77



VULNERABILITY (V) - Very High
Score: 0.695 • Rank: 8/77



COPING CAPACITY (CC) - Low
Score: 0.355 • Rank: 57/77



Population (2021 Statistical Yearbook)
119,377



Infant Mortality Rate (per 1,000 live births)
64.0



Population below Poverty Line
49.0%



Population with Safe Drinking Water
80.1%



Adult Literacy
44.4%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 64 / 77 DISTRICTS
SCORE: 0.395



MHE
0.395

Raw MHE
0.430

Relative MHE
0.360

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

109,375

\$160.7 Million

Critical Infrastructure Exposed:
100%



Landslide

98%

106,846

\$160.7 Million

Critical Infrastructure Exposed:
100%



Extreme Heat

0%

0

\$0

Critical Infrastructure Exposed:
0%



Wildfire

1%

1,361

\$15.73 Million

Critical Infrastructure Exposed:
10%



Fluvial Flood

3%

3,692

-

Critical Infrastructure Exposed:
-



Pluvial Flood

21%

23,219

\$4.95 Million

Critical Infrastructure Exposed:
3%

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



VULNERABILITY (V)

RANK: 8 / 77 DISTRICTS ASSESSED
SCORE: 0.695

Vulnerability in Jumla is primarily driven by Food Insecurity and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.776** **RANK: 12/77 DISTRICTS ASSESSED**

44.4% Adult Literacy	2.62 Mean Years of Schooling	90.7 Primary School Net Enrollment	37.34 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.453** **RANK: 31/77 DISTRICTS ASSESSED**

80.1% Access to Safe Drinking Water	30.7% Households without Toilet	46.5% Water Schemes in Disrepair	89.6 Typhoid Incidence (per 10,000)	70.4 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.738** **RANK: 11/77 DISTRICTS ASSESSED**

\$1,007 Income per Capita (PPP \$)	49.0% Poverty Headcount Ratio	13.1% Poverty Gap	88.4 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.791** **RANK: 6/77 DISTRICTS ASSESSED**

41.1% Food Poverty Prevalence	47.5% Low kcal Intake Prevalence	82.7% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.767** **RANK: 4/77 DISTRICTS ASSESSED**

0.61 Female to Male Literacy Ratio (Distance from Parity)	0.15 Female to Male Secondary Enrollment Ratio (Distance from Parity)	93.7% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 8 / 77 DISTRICTS ASSESSED
SCORE: 0.695

Vulnerability in Jumla is primarily driven by Food Insecurity and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Vulnerable Health Status

0  1 **SCORE: 0.643** **RANK: 7/77 DISTRICTS ASSESSED**

62.7
Life Expectancy

3.0%
Disabled Population



Child Health

0  1 **SCORE: 0.777** **RANK: 3/77 DISTRICTS ASSESSED**

54.1%
Child Malnutrition Rate

64.0
Infant Mortality Rate (per 1,000 live births)

1113.1
Child ARI Incidence (per 1,000)

86.8
Child Diarrhea Incidence (per 100)

166.1
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 57 / 77 DISTRICTS ASSESSED
SCORE: 0.355

Jumla 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: 0.192** **RANK: 55/77 DISTRICTS ASSESSED**

4,475

Gross Domestic Product (Million Rs.)

89,553

Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.530** **RANK: 30/77 DISTRICTS ASSESSED**

0.34

Average Annual Conflict (per 10,000)

7

Government Management (Score out of 9)

5

Organization and Administration (Score out of 8)

5.2

Budget and Plan Management (Score out of 11)

7.4

Fiscal and Financial Management (Score out of 11)

8.5

Service Flow (Score out of 16)

5.6

Judicial Work (Score out of 7)

4

Physical Infrastructure (Score out of 13)

4.35

Social Inclusion (Score out of 10)

3.1

Environmental Protection and Disaster Management (Score out of 9)

2.6

Cooperation and Coordination (Score out of 6)



Environmental Capacity

0  1 **SCORE: 0.165** **RANK: 37/77 DISTRICTS ASSESSED**

2.7%

Protected Area



COPING CAPACITY (CC)

RANK: 57 / 77 DISTRICTS ASSESSED
SCORE: 0.355

Jumla 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: 0.353** **RANK: 61/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.267** **RANK: 63/77 DISTRICTS ASSESSED**

1.7% Households with Landline	0.4% Households with Internet	10.9% Households with Television	42.4% Households with Radio	46.1% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.591** **RANK: 31/77 DISTRICTS ASSESSED**

3 Road Density (km per sq. km)	47.5% Improved Roadway	15.0 Average Distance to Airport (km)	274.4 Average Distance to Dry Port (km)	15.0 Average Distance to Warehouse (km)	4.3 Average Distance to Police Station (km)	14.7 Average Distance to Hospital (km)	8.38 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.200** **RANK: 63 /77 DISTRICTS ASSESSED**

29.3% Households with Electricity	0.6% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 67 / 77 DISTRICTS ASSESSED
SCORE: 0.330

Jumla'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:



Food Insecurity



Information Access
Vulnerability



Energy Capacity



Communications
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.



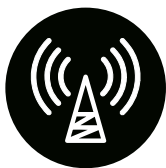
Information Access Vulnerability

Limitations in information access can impede a population's ability to receive, understand, and take action. Emergency messages must take into account the unique information access constraints of the district. Emergency messages presented to the population must contain clear and simple information to ensure an appropriate response to save lives and reduce losses.



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.

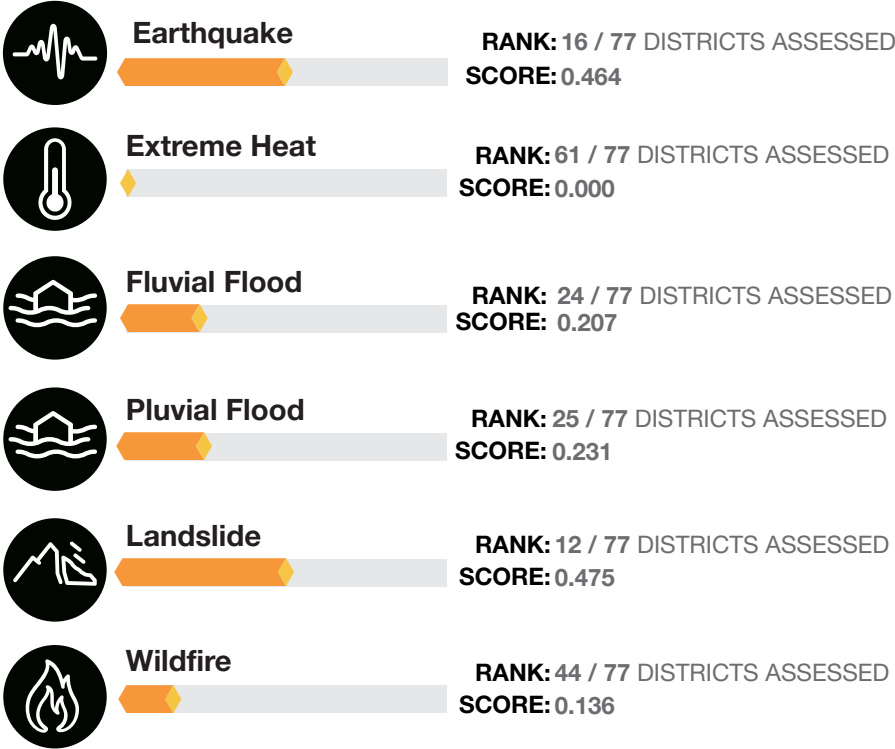


Communications Capacity

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)

25 / 77

RANK WITHIN DISTRICTS
Score: 0.578



Jumla'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:

DISTRICTS SCORE
COUNTRY SCORE



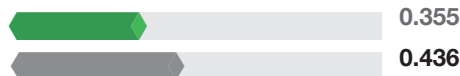
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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