



NEPAL

RAMECHHAP

NDPBA SUBNATIONAL PROFILE

NEPAL

RAMECHHAP

Area: 1,546 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) -

Low

Score: 0.513 • Rank: 46/77



RESILIENCE (R) - Moderate

Score: 0.483 • Rank: 41/77



MULTI-HAZARD EXPOSURE (MHE) - Moderate

Moderate

Score: 0.504 • Rank: 44/77



VULNERABILITY (V) -

Moderate

Score: 0.466 • Rank: 31/77



COPING CAPACITY (CC) -

Moderate

Score: 0.433 • Rank: 36/77



Population (2021 Statistical Yearbook)

170,620



Infant Mortality Rate (per 1,000 live births)

24.5



Population below Poverty Line

25.6%



Population with Safe Drinking Water

82.0%



Adult Literacy

52.1%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 44 / 77 DISTRICTS

SCORE: 0.504



MHE
0.504

Raw MHE
0.521

Relative MHE
0.488

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

👤 184,416

\$391.8 Million

Critical Infrastructure Exposed:
100%



Landslide

100%

👤 184,198

\$391.8 Million

Critical Infrastructure Exposed:
100%



Extreme Heat

16%

👤 29,944

\$118.29 Million

Critical Infrastructure Exposed:
30%



Wildfire

0%

👤 0

\$0

Critical Infrastructure Exposed:
0%



Fluvial Flood

1%

👤 1,396

\$8.44 Million

Critical Infrastructure Exposed:
2%



Pluvial Flood

3%

👤 5,121

\$13.8 Million

Critical Infrastructure Exposed:
4%

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



VULNERABILITY (V)

RANK: 31 / 77 DISTRICTS ASSESSED
SCORE: 0.466

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



Information Access Vulnerability

0  1 **SCORE: 0.498** **RANK: 42/77 DISTRICTS ASSESSED**

52.1% Adult Literacy	3.37 Mean Years of Schooling	96.8 Primary School Net Enrollment	16.49 Student Teacher Ratio
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Access to Clean Water Vulnerability

0  1 **SCORE: 0.489** **RANK: 24/77 DISTRICTS ASSESSED**

82.0% Access to Safe Drinking Water	36.6% Households without Toilet	45.1% Water Schemes in Disrepair	202.8 Typhoid Incidence (per 10,000)	25.1 Cholera Incidence (per 100,000)
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Economic Constraints

0  1 **SCORE: 0.516** **RANK: 31/77 DISTRICTS ASSESSED**

\$951 Income per Capita (PPP \$)	25.6% Poverty Headcount Ratio	5.6% Poverty Gap	84.6 Age Dependency Ratio
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Food Insecurity

0  1 **SCORE: 0.501** **RANK: 32/77 DISTRICTS ASSESSED**

28.6% Food Poverty Prevalence	31.7% Low kcal Intake Prevalence	70.3% Agricultural Insufficiency Rate
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Gender Inequality

0  1 **SCORE: 0.429** **RANK: 32/77 DISTRICTS ASSESSED**

0.38 Female to Male Literacy Ratio (Distance from Parity)	0.12 Female to Male Secondary Enrollment Ratio (Distance from Parity)	80.2% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 31 / 77 DISTRICTS ASSESSED
SCORE: 0.466

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



Vulnerable Health Status

0  1 **SCORE: 0.366** **RANK: 43/77 DISTRICTS ASSESSED**

68.8
 Life Expectancy

2.2%
 Disabled Population



Child Health

0  1 **SCORE: 0.497** **RANK: 29/77 DISTRICTS ASSESSED**

44.4%
 Child Malnutrition Rate

24.5
 Infant Mortality Rate (per 1,000 live births)

1134.3
 Child ARI Incidence (per 1,000)

63.9
 Child Diarrhea Incidence (per 100)

77.6
 Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 36 / 77 DISTRICTS ASSESSED
SCORE: 0.433

Ramechhap 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: 0.195** **RANK: 52/77 DISTRICTS ASSESSED**

7,836

Gross Domestic Product (Million Rs.)

80,029

Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.560** **RANK: 24/77 DISTRICTS ASSESSED**

0.13

Average Annual Conflict (per 10,000)

7.11

Government Management (Score out of 9)

5.29

Organization and Administration (Score out of 8)

6.71

Budget and Plan Management (Score out of 11)

8.39

Fiscal and Financial Management (Score out of 11)

9.21

Service Flow (Score out of 16)

4.93

Judicial Work (Score out of 7)

4.86

Physical Infrastructure (Score out of 13)

4.57

Social Inclusion (Score out of 10)

3.43

Environmental Protection and Disaster Management (Score out of 9)

1.82

Cooperation and Coordination (Score out of 6)



Environmental Capacity

0  1 **SCORE: 0.514** **RANK: 21/77 DISTRICTS ASSESSED**

26.3%

Protected Area



COPING CAPACITY (CC)

RANK: 36 / 77 DISTRICTS ASSESSED
SCORE: 0.433

Ramechhap 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: 0.435** **RANK: 51/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.391** **RANK: 49/77 DISTRICTS ASSESSED**

2.5% Households with Landline	0.3% Households with Internet	12.7% Households with Television	66.3% Households with Radio	50.1% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.568** **RANK: 39/77 DISTRICTS ASSESSED**

7 Road Density (km per sq. km)	38.8% Improved Roadway	20.1 Average Distance to Airport (km)	70.0 Average Distance to Dry Port (km)	20.1 Average Distance to Warehouse (km)	8.0 Average Distance to Police Station (km)	17.0 Average Distance to Hospital (km)	0.88 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.347** **RANK: 54 /77 DISTRICTS ASSESSED**

45.5% Households with Electricity	2.4% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 41 / 77 DISTRICTS ASSESSED

SCORE: 0.483

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

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



Economic Constraints



Food Insecurity



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.



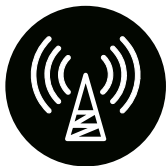
Food Insecurity

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.



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.

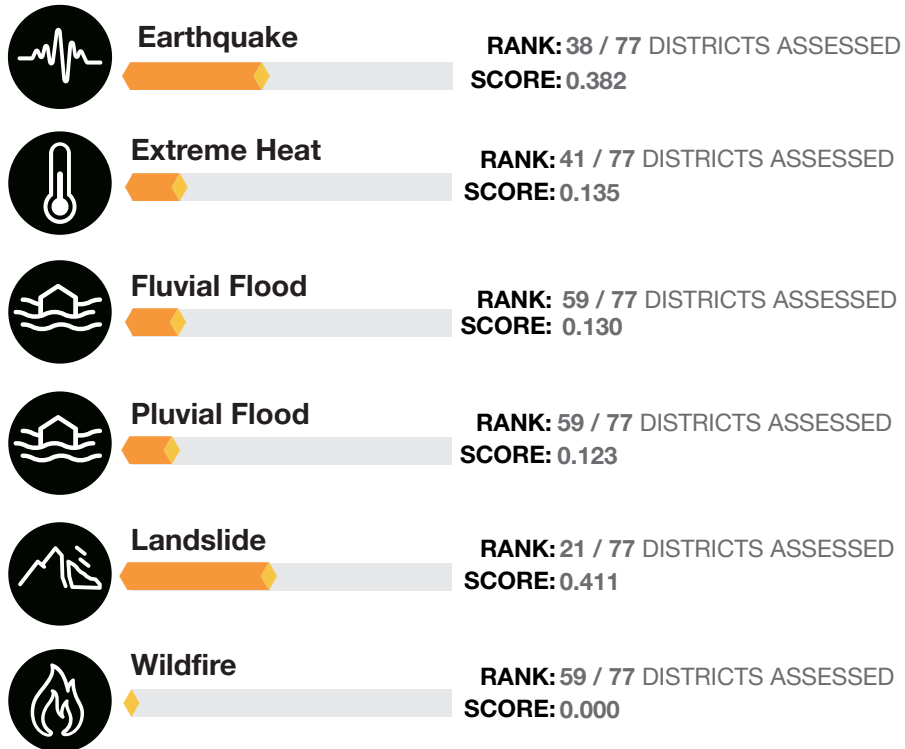


Communications Capacity

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)

46 / 77

RANK WITHIN DISTRICTS
Score: 0.513



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

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

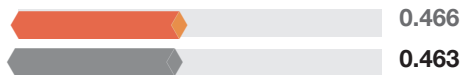
DISTRICTS SCORE
COUNTRY SCORE



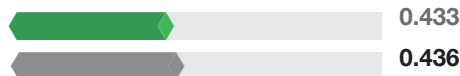
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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