



NEPAL

KASKI

NDPBA SUBNATIONAL PROFILE

NEPAL KASKI

Area: 395 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low
Score: 0.374 • Rank: 73/77



RESILIENCE (R) - Very High
Score: 0.764 • Rank: 2/77



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.652 • Rank: 28/77



VULNERABILITY (V) - Very Low
Score: 0.232 • Rank: 74/77



COPING CAPACITY (CC) - Very High
Score: 0.761 • Rank: 3/77



Population (2021 Statistical Yearbook)
2,017,532



Infant Mortality Rate (per 1,000 live births)
13.1



Population below Poverty Line
4.0%



Population with Safe Drinking Water
93.3%



Adult Literacy
78.6%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 28 / 77 DISTRICTS

SCORE: 0.652



MHE
0.652

Raw MHE
0.804

Relative MHE
0.500

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

459,752

\$1.21 Billion

Critical Infrastructure Exposed:
100%



Landslide

57%

261,090

\$298.9 Million

Critical Infrastructure Exposed:
25%



Extreme Heat

87%

400,911

\$1.18 Billion

Critical Infrastructure Exposed:
97%



Wildfire

0%

0

\$0

Critical Infrastructure Exposed:
0%



Fluvial Flood

3%

16,000

\$2.81 Million

Critical Infrastructure Exposed:
<1%



Pluvial Flood

17%

77,252

\$12.94 Million

Critical Infrastructure Exposed:
1%

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



VULNERABILITY (V)

RANK: 74 / 77 DISTRICTS ASSESSED
SCORE: 0.232

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



Information Access Vulnerability

0 1 **SCORE: 0.228** **RANK: 76/77 DISTRICTS ASSESSED**

| | | | |
|--------------------------------|---|--|--|
| 78.6% Adult Literacy | 5.76 Mean Years of Schooling | 96.9 Primary School Net Enrollment | 14.63 Student Teacher Ratio |
|--------------------------------|---|--|--|



Access to Clean Water Vulnerability

0 1 **SCORE: 0.317** **RANK: 62/77 DISTRICTS ASSESSED**

| | | | | |
|--|---|--|--|--|
| 93.3% Access to Safe Drinking Water | 0.9% Households without Toilet | 33.1% Water Schemes in Disrepair | 283.0 Typhoid Incidence (per 10,000) | 10.0 Cholera Incidence (per 100,000) |
|--|---|--|--|--|



Economic Constraints

0 1 **SCORE: 0.196** **RANK: 75/77 DISTRICTS ASSESSED**

| | | | |
|---|--|----------------------------|---|
| \$1,561 Income per Capita (PPP \$) | 4.0% Poverty Headcount Ratio | 0.8% Poverty Gap | 60.3 Age Dependency Ratio |
|---|--|----------------------------|---|



Food Insecurity

0 1 **SCORE: 0.413** **RANK: 49/77 DISTRICTS ASSESSED**

| | | |
|---|--|---|
| 9.2% Food Poverty Prevalence | 36.2% Low kcal Intake Prevalence | 70.0% Agricultural Insufficiency Rate |
|---|--|---|



Gender Inequality

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

| | | |
|--|--|--|
| 0.21 Female to Male Literacy Ratio (Distance from Parity) | 0.03 Female to Male Secondary Enrollment Ratio (Distance from Parity) | 72.7% No Female Home nor Land Ownership |
|--|--|--|



VULNERABILITY (V)

RANK: 74 / 77 DISTRICTS ASSESSED
SCORE: 0.232

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



Vulnerable Health Status

0  1 **SCORE: 0.124** **RANK: 74/77 DISTRICTS ASSESSED**

73.5
Life Expectancy

1.9%
Disabled Population



Child Health

0  1 **SCORE: 0.126** **RANK: 75/77 DISTRICTS ASSESSED**

22.9%
Child Malnutrition Rate

13.1
Infant Mortality Rate (per 1,000 live births)

373.0
Child ARI Incidence (per 1,000)

19.9
Child Diarrhea Incidence (per 100)

18.0
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 3 / 77 DISTRICTS ASSESSED
SCORE: 0.761

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



Economic Capacity

0  1 **SCORE: 0.777** **RANK: 5/77 DISTRICTS ASSESSED**

31,245

Gross Domestic Product (Million Rs.)

180,983

Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.627** **RANK: 12/77 DISTRICTS ASSESSED**

0.1

Average Annual Conflict (per 10,000)

7.38

Government Management (Score out of 9)

4.94

Organization and Administration (Score out of 8)

6.38

Budget and Plan Management (Score out of 11)

7.69

Fiscal and Financial Management (Score out of 11)

8.19

Service Flow (Score out of 16)

5.63

Judicial Work (Score out of 7)

5.5

Physical Infrastructure (Score out of 13)

5.5

Social Inclusion (Score out of 10)

4.06

Environmental Protection and Disaster Management (Score out of 9)

3.69

Cooperation and Coordination (Score out of 6)



Environmental Capacity

0  1 **SCORE: 0.891** **RANK: 4/77 DISTRICTS ASSESSED**

78.9%

Protected Area



COPING CAPACITY (CC)

RANK: 3 / 77 DISTRICTS ASSESSED
SCORE: 0.761

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



Infrastructure Capacity

0  1 **SCORE: 0.821** **RANK: 4/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.820** **RANK: 4/77 DISTRICTS ASSESSED**

15.8%
Households with Landline

8.6%
Households with Internet

63.5%
Households with Television

63.3%
Households with Radio

84.3%
Households with Mobile Phone



Logistics Capacity

0  1 **SCORE: 0.718** **RANK: 9/77 DISTRICTS ASSESSED**

6
Road Density (km per sq. km)

75.6%
Improved Roadway

9.9
Average Distance to Airport (km)

111.0
Average Distance to Dry Port (km)

9.9
Average Distance to Warehouse (km)

2.8
Average Distance to Police Station (km)

7.7
Average Distance to Hospital (km)

1.81
Operational Hospital Beds (per 10,000)



Energy Capacity

0  1 **SCORE: 0.924** **RANK: 4 /77 DISTRICTS ASSESSED**

95.5%
Households with Electricity

61.1%
Households using Gas for Cooking



RESILIENCE (R)

RANK: 2 / 77 DISTRICTS ASSESSED

SCORE: 0.764

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

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



Food Insecurity



Clean Water Access Vulnerability



Logistics 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.



Clean Water Access Vulnerability

Those without easy or adequate access to water distribution and containment systems face significant demands on daily routines that effectively limit their response and recovery capacity and the ability to maintain livelihoods. Increasing access to improved water and sanitation improves health outcomes and frees up resources to decrease further susceptibility to impacts.



Logistics Capacity

Efficient movement, storage and delivery of resources are key to effective humanitarian assistance and disaster relief operations. Ensuring that the supply chain can reach vulnerable and isolated communities can significantly improve the speed and quality of response and mass care operations, reducing the negative social and economic impacts of an emergency.

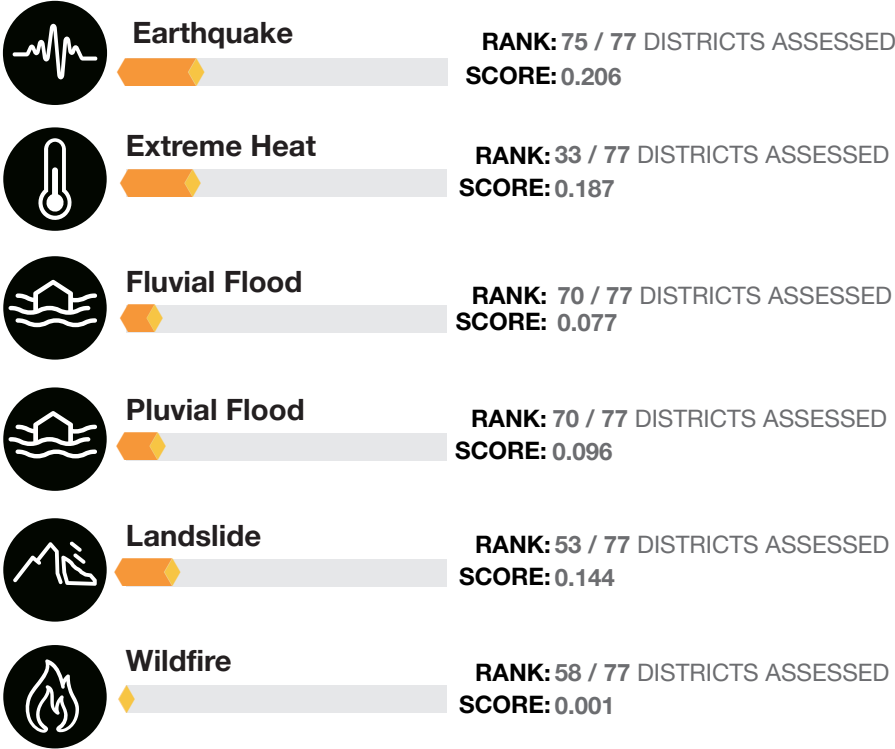


Communications Capacity

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)

73 / 77

RANK WITHIN DISTRICTS
Score: 0.374



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

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

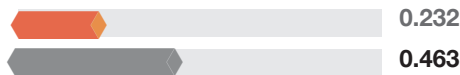
 DISTRICTS SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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