



NEPAL

SINDHULI

NDPBA SUBNATIONAL PROFILE

NEPAL

SINDHULI

Area: 2,491 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very High
Score: 0.613 • Rank: 13/77



RESILIENCE (R) - Low
Score: 0.399 • Rank: 60/77



MULTI-HAZARD EXPOSURE (MHE) - Moderate
Score: 0.635 • Rank: 31/77



VULNERABILITY (V) - High
Score: 0.553 • Rank: 20/77



COPING CAPACITY (CC) - Low
Score: 0.350 • Rank: 61/77



Population (2021 Statistical Yearbook)
300,117



Infant Mortality Rate (per 1,000 live births)
35.1



Population below Poverty Line
38.3%



Population with Safe Drinking Water
67.1%



Adult Literacy
51.1%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 31 / 77 DISTRICTS

SCORE: 0.635



MHE
0.635

Raw MHE
0.658

Relative MHE
0.611

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

266,836

\$565.57 Million

Critical Infrastructure Exposed:
100%



Landslide

73%

194,105

\$418.43 Million

Critical Infrastructure Exposed:
74%



Extreme Heat

71%

188,330

\$450.39 Million

Critical Infrastructure Exposed:
80%



Wildfire

27%

71,519

\$207.83 Million

Critical Infrastructure Exposed:
37%



Fluvial Flood

1%

3,039

\$49.02 Million

Critical Infrastructure Exposed:
9%



Pluvial Flood

12%

31,186

\$80.66 Million

Critical Infrastructure Exposed:
14%

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



VULNERABILITY (V)

RANK: 20 / 77 DISTRICTS ASSESSED
SCORE: 0.553

Vulnerability in Sindhuli is primarily driven by Clean Water Access Vulnerability and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0  1 **SCORE: 0.559** **RANK: 33/77 DISTRICTS ASSESSED**

51.1% Adult Literacy	3.08 Mean Years of Schooling	96.6 Primary School Net Enrollment	23.73 Student Teacher Ratio
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Access to Clean Water Vulnerability

0  1 **SCORE: 0.694** **RANK: 6/77 DISTRICTS ASSESSED**

67.1% Access to Safe Drinking Water	66.4% Households without Toilet	39.6% Water Schemes in Disrepair	288.2 Typhoid Incidence (per 10,000)	65.4 Cholera Incidence (per 100,000)
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Economic Constraints

0  1 **SCORE: 0.666** **RANK: 15/77 DISTRICTS ASSESSED**

\$822 Income per Capita (PPP \$)	38.3% Poverty Headcount Ratio	9.9% Poverty Gap	89.2 Age Dependency Ratio
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Food Insecurity

0  1 **SCORE: 0.491** **RANK: 34/77 DISTRICTS ASSESSED**

29.4% Food Poverty Prevalence	36.7% Low kcal Intake Prevalence	60.8% Agricultural Insufficiency Rate
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Gender Inequality

0  1 **SCORE: 0.553** **RANK: 16/77 DISTRICTS ASSESSED**

0.37 Female to Male Literacy Ratio (Distance from Parity)	0.21 Female to Male Secondary Enrollment Ratio (Distance from Parity)	80.0% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 20 / 77 DISTRICTS ASSESSED
SCORE: 0.553

Vulnerability in Sindhuli is primarily driven by Clean Water Access Vulnerability and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Vulnerable Health Status

0  1 **SCORE: 0.356** **RANK: 46/77 DISTRICTS ASSESSED**

67.8
Life Expectancy

2.2%
Disabled Population



Child Health

0  1 **SCORE: 0.408** **RANK: 42/77 DISTRICTS ASSESSED**

36.3%
Child Malnutrition Rate

35.1
Infant Mortality Rate (per 1,000 live births)

747.8
Child ARI Incidence (per 1,000)

43.6
Child Diarrhea Incidence (per 100)

87.1
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 61 / 77 DISTRICTS ASSESSED
SCORE: 0.350

Sindhuli 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: 0.194** **RANK: 53/77 DISTRICTS ASSESSED**

9,884

Gross Domestic Product (Million Rs.)

73,326

Labor Productivity (Rs.)



Governance

0 1 **SCORE: 0.471** **RANK: 41/77 DISTRICTS ASSESSED**

0.15

Average Annual Conflict (per 10,000)

6.42

Government Management (Score out of 9)

4.11

Organization and Administration (Score out of 8)

6.47

Budget and Plan Management (Score out of 11)

7.03

Fiscal and Financial Management (Score out of 11)

8.39

Service Flow (Score out of 16)

5.31

Judicial Work (Score out of 7)

4.64

Physical Infrastructure (Score out of 13)

4.08

Social Inclusion (Score out of 10)

3.83

Environmental Protection and Disaster Management (Score out of 9)

1.11

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: 61 / 77 DISTRICTS ASSESSED
SCORE: 0.350

Sindhuli 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: 0.426** **RANK: 52/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.389** **RANK: 50/77 DISTRICTS ASSESSED**

5.1% Households with Landline	0.4% Households with Internet	18.2% Households with Television	53.8% Households with Radio	45.2% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.539** **RANK: 47/77 DISTRICTS ASSESSED**

11 Road Density (km per sq. km)	72.9% Improved Roadway	20.1 Average Distance to Airport (km)	100.3 Average Distance to Dry Port (km)	20.1 Average Distance to Warehouse (km)	13.6 Average Distance to Police Station (km)	17.7 Average Distance to Hospital (km)	1.2 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.350** **RANK: 53 /77 DISTRICTS ASSESSED**

37.9% Households with Electricity	5.0% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 60 / 77 DISTRICTS ASSESSED

SCORE: 0.399

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

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



Clean Water Access
Vulnerability



Economic
Constraints



Energy Capacity



Communications
Capacity

KEY FACTORS INFLUENCING RESILIENCE



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.



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.



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.

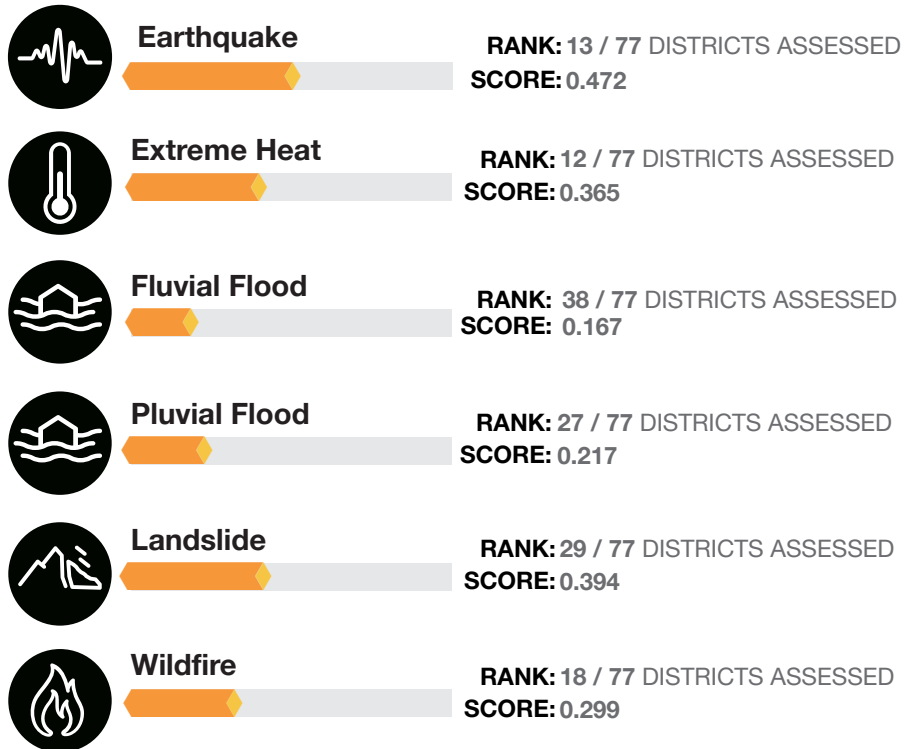


Communications Capacity

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)

13 / 77

RANK WITHIN DISTRICTS
Score: 0.613



Sindhuli's score and ranking are due to Moderate Multi-hazard Exposure combined with 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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