



NEPAL

DANG

NDPBA SUBNATIONAL PROFILE

NEPAL DANG

Area: 2,955 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Moderate
Score: 0.541 • Rank: 35/77



RESILIENCE (R) - High
Score: 0.544 • Rank: 22/77



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.710 • Rank: 15/77



VULNERABILITY (V) - Low
Score: 0.418 • Rank: 47/77



COPING CAPACITY (CC) - High
Score: 0.507 • Rank: 22/77



Population (2021 Statistical Yearbook)
676,277



Infant Mortality Rate (per 1,000 live births)
41.0



Population below Poverty Line
25.1%



Population with Safe Drinking Water
68.0%



Adult Literacy
62.4%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 15 / 77 DISTRICTS

SCORE: 0.710



MHE
0.710

Raw MHE
0.772

Relative MHE
0.649

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

550,124

\$1.09 Billion

Critical Infrastructure Exposed:
100%



Landslide

22%

118,994

\$194.64 Million

Critical Infrastructure Exposed:
18%



Extreme Heat

91%

502,835

\$1.07 Billion

Critical Infrastructure Exposed:
99%



Wildfire

58%

321,391

\$754.04 Million

Critical Infrastructure Exposed:
69%



Fluvial Flood

4%

21,304

\$133.54 Million

Critical Infrastructure Exposed:
12%



Pluvial Flood

20%

109,919

\$273.92 Million

Critical Infrastructure Exposed:
25%

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



VULNERABILITY (V)

RANK: 47 / 77 DISTRICTS ASSESSED
SCORE: 0.418

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



Information Access Vulnerability

0 1 **SCORE: 0.550** **RANK: 35/77 DISTRICTS ASSESSED**

62.4% Adult Literacy	3.83 Mean Years of Schooling	91.2 Primary School Net Enrollment	19.45 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.448** **RANK: 32/77 DISTRICTS ASSESSED**

68.0% Access to Safe Drinking Water	39.1% Households without Toilet	31.0% Water Schemes in Disrepair	179.7 Typhoid Incidence (per 10,000)	8.4 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.464** **RANK: 50/77 DISTRICTS ASSESSED**

\$1,127 Income per Capita (PPP \$)	25.1% Poverty Headcount Ratio	5.9% Poverty Gap	74.8 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.334** **RANK: 57/77 DISTRICTS ASSESSED**

21.1% Food Poverty Prevalence	32.0% Low kcal Intake Prevalence	50.5% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.334** **RANK: 47/77 DISTRICTS ASSESSED**

0.29 Female to Male Literacy Ratio (Distance from Parity)	0.12 Female to Male Secondary Enrollment Ratio (Distance from Parity)	76.5% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 47 / 77 DISTRICTS ASSESSED
SCORE: 0.418

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



Vulnerable Health Status

0  1 **SCORE: 0.380** **RANK: 40/77 DISTRICTS ASSESSED**

66.3
Life Expectancy

2.3%
Disabled Population



Child Health

0  1 **SCORE: 0.366** **RANK: 49/77 DISTRICTS ASSESSED**

39.3%
Child Malnutrition Rate

41.0
Infant Mortality Rate (per 1,000 live births)

518.1
Child ARI Incidence (per 1,000)

40.6
Child Diarrhea Incidence (per 100)

56.8
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 22 / 77 DISTRICTS ASSESSED
SCORE: 0.507

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



Economic Capacity

0  1 **SCORE: 0.474** **RANK: 20/77 DISTRICTS ASSESSED**

25,240

Gross Domestic Product (Million Rs.)

109,338

Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.586** **RANK: 20/77 DISTRICTS ASSESSED**

0.17

Average Annual Conflict (per 10,000)

7.1

Government Management (Score out of 9)

4.88

Organization and Administration (Score out of 8)

7.43

Budget and Plan Management (Score out of 11)

6.98

Fiscal and Financial Management (Score out of 11)

10.3

Service Flow (Score out of 16)

4.68

Judicial Work (Score out of 7)

5.98

Physical Infrastructure (Score out of 13)

5.25

Social Inclusion (Score out of 10)

4.28

Environmental Protection and Disaster Management (Score out of 9)

1.4

Cooperation and Coordination (Score out of 6)



Environmental Capacity

0  1 **SCORE: 0.163** **RANK: 38/77 DISTRICTS ASSESSED**

2.7%

Protected Area



COPING CAPACITY (CC)

RANK: 22 / 77 DISTRICTS ASSESSED
SCORE: 0.507

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



Infrastructure Capacity

0  1 **SCORE: 0.549** **RANK: 28/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.512** **RANK: 25/77 DISTRICTS ASSESSED**

4.0% Households with Landline	1.0% Households with Internet	26.9% Households with Television	55.8% Households with Radio	70.8% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.559** **RANK: 41/77 DISTRICTS ASSESSED**

12 Road Density (km per sq. km)	100.0% Improved Roadway	41.9 Average Distance to Airport (km)	136.9 Average Distance to Dry Port (km)	41.9 Average Distance to Warehouse (km)	18.4 Average Distance to Police Station (km)	13.6 Average Distance to Hospital (km)	2.07 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.577** **RANK: 31 /77 DISTRICTS ASSESSED**

64.6% Households with Electricity	14.1% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 22 / 77 DISTRICTS ASSESSED
SCORE: 0.544

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

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



Information Access Vulnerability



Economic Constraints



Communications Capacity



Logistics Capacity

KEY FACTORS INFLUENCING RESILIENCE



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.



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.



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.

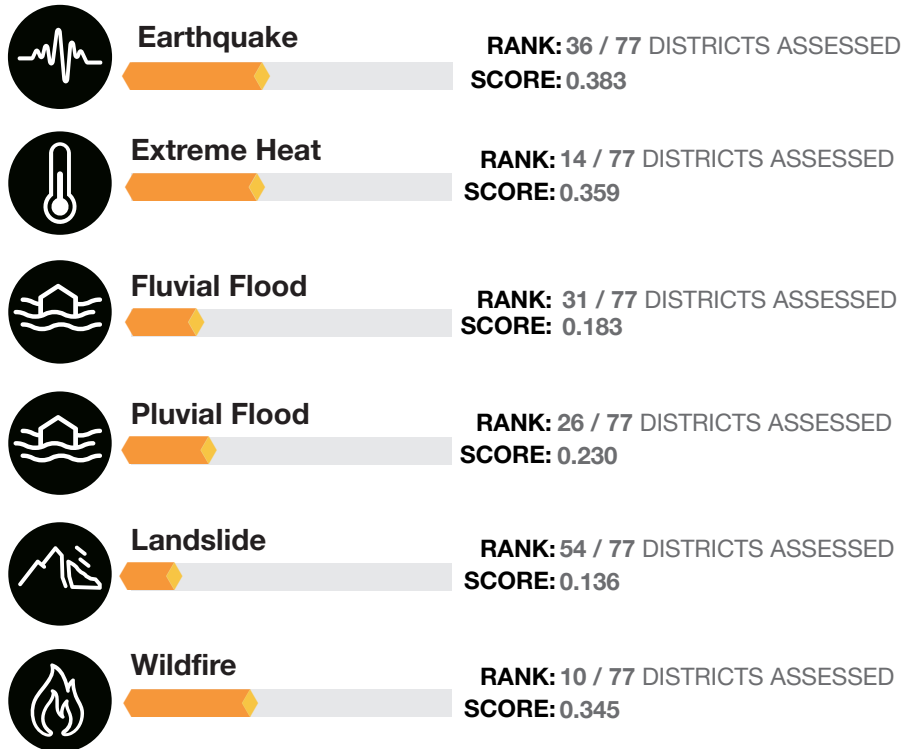


Logistics Capacity

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.



HAZARD-SPECIFIC RISK (HSR)





MULTI-HAZARD RISK (MHR)

35 / 77

RANK WITHIN DISTRICTS
Score: 0.541



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

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

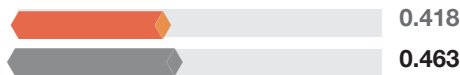
 **DISTRICTS SCORE**
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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