



NEPAL

KANCHANPUR

NDPBA SUBNATIONAL PROFILE

NEPAL

KANCHANPUR

Area: 1,738 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - High
Score: 0.573 • Rank: 26/77



RESILIENCE (R) - High
Score: 0.559 • Rank: 20/77



MULTI-HAZARD EXPOSURE (MHE) - Very High
Score: 0.836 • Rank: 4/77



VULNERABILITY (V) - Low
Score: 0.391 • Rank: 54/77



COPING CAPACITY (CC) - High
Score: 0.509 • Rank: 20/77



Population (2021 Statistical Yearbook)
686,739



Infant Mortality Rate (per 1,000 live births)
40.3



Population below Poverty Line
31.4%



Population with Safe Drinking Water
96.9%



Adult Literacy
63.0%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 77 DISTRICTS
SCORE: 0.836



MHE
0.836

Raw MHE
0.790

Relative MHE
0.881

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

1,498,500

\$745.98 Million

Critical Infrastructure Exposed:
100%



Landslide

<1%

2,212

\$19.83 Million

Critical Infrastructure Exposed:
3%



Extreme Heat

100%

1,498,457

\$745.98 Million

Critical Infrastructure Exposed:
100%



Wildfire

92%

1,374,398

\$641.01 Million

Critical Infrastructure Exposed:
86%



Fluvial Flood

26%

388,472

\$269.54 Million

Critical Infrastructure Exposed:
36%



Pluvial Flood

39%

581,889

\$364.32 Million

Critical Infrastructure Exposed:
49%

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



VULNERABILITY (V)

RANK: 54 / 77 DISTRICTS ASSESSED
SCORE: 0.391

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



Information Access Vulnerability

0 1 **SCORE: 0.408** **RANK: 57/77 DISTRICTS ASSESSED**

63.0% Adult Literacy	3.97 Mean Years of Schooling	97.2 Primary School Net Enrollment	19.82 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.404** **RANK: 42/77 DISTRICTS ASSESSED**

96.9% Access to Safe Drinking Water	44.8% Households without Toilet	38.1% Water Schemes in Disrepair	185.1 Typhoid Incidence (per 10,000)	31.1 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.555** **RANK: 29/77 DISTRICTS ASSESSED**

\$938 Income per Capita (PPP \$)	31.4% Poverty Headcount Ratio	8.0% Poverty Gap	77.9 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.231** **RANK: 69/77 DISTRICTS ASSESSED**

28.2% Food Poverty Prevalence	24.6% Low kcal Intake Prevalence	39.4% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.386** **RANK: 40/77 DISTRICTS ASSESSED**

0.35 Female to Male Literacy Ratio (Distance from Parity)	0.07 Female to Male Secondary Enrollment Ratio (Distance from Parity)	84.4% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 54 / 77 DISTRICTS ASSESSED
SCORE: 0.391

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



Vulnerable Health Status

0  1 SCORE: 0.365 RANK: 44/77 DISTRICTS ASSESSED

66.1
Life Expectancy

2.0%
Disabled Population



Child Health

0  1 SCORE: 0.378 RANK: 48/77 DISTRICTS ASSESSED

31.7%
Child Malnutrition Rate

40.3
Infant Mortality Rate (per 1,000 live births)

647.8
Child ARI Incidence (per 1,000)

64.2
Child Diarrhea Incidence (per 100)

35.7
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 20 / 77 DISTRICTS ASSESSED
SCORE: 0.509

Kanchanpur 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: 0.359** **RANK: 26/77 DISTRICTS ASSESSED**

17,141 **100,042**
Gross Domestic Product (Million Rs.) Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.534** **RANK: 28/77 DISTRICTS ASSESSED**

0.18 Average Annual Conflict (per 10,000)	7.29 Government Management (Score out of 9)	4.61 Organization and Administration (Score out of 8)	6.43 Budget and Plan Management (Score out of 11)	7.64 Fiscal and Financial Management (Score out of 11)	9.54 Service Flow (Score out of 16)	4.89 Judicial Work (Score out of 7)	5.25 Physical Infrastructure (Score out of 13)
4.07 Social Inclusion (Score out of 10)	2.5 Environmental Protection and Disaster Management (Score out of 9)	2.36 Cooperation and Coordination (Score out of 6)					



Environmental Capacity

0  1 **SCORE: 0.652** **RANK: 16/77 DISTRICTS ASSESSED**

42.2%
Protected Area



COPING CAPACITY (CC)

RANK: 20 / 77 DISTRICTS ASSESSED
SCORE: 0.509

Kanchanpur 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: 0.530** **RANK: 33/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.514** **RANK: 24/77 DISTRICTS ASSESSED**

6.9% Households with Landline	1.0% Households with Internet	41.8% Households with Television	45.8% Households with Radio	64.3% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.495** **RANK: 56/77 DISTRICTS ASSESSED**

10 Road Density (km per sq. km)	85.8% Improved Roadway	13.9 Average Distance to Airport (km)	391.9 Average Distance to Dry Port (km)	13.9 Average Distance to Warehouse (km)	26.6 Average Distance to Police Station (km)	14.7 Average Distance to Hospital (km)	0.96 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.581** **RANK: 29 /77 DISTRICTS ASSESSED**

75.2% Households with Electricity	7.7% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 20 / 77 DISTRICTS ASSESSED

SCORE: 0.559

Kanchanpur'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:



Economic Constraints



Information Access Vulnerability



Logistics 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.



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.



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.

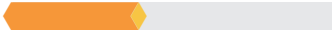


HAZARD-SPECIFIC RISK (HSR)



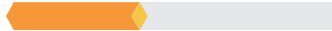
Earthquake

RANK: 45 / 77 DISTRICTS ASSESSED
SCORE: 0.370



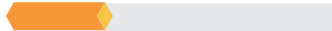
Extreme Heat

RANK: 13 / 77 DISTRICTS ASSESSED
SCORE: 0.364



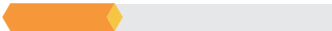
Fluvial Flood

RANK: 16 / 77 DISTRICTS ASSESSED
SCORE: 0.264



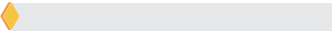
Pluvial Flood

RANK: 14 / 77 DISTRICTS ASSESSED
SCORE: 0.303



Landslide

RANK: 74 / 77 DISTRICTS ASSESSED
SCORE: 0.008



Wildfire

RANK: 7 / 77 DISTRICTS ASSESSED
SCORE: 0.385





MULTI-HAZARD RISK (MHR)

26 / 77

RANK WITHIN DISTRICTS
Score: 0.573



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

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

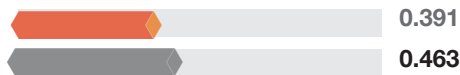
 DISTRICTS SCORE
 COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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