



NEPAL

TANAHU

NDPBA SUBNATIONAL PROFILE

NEPAL TANAHU

Area: 1,546 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Low
Score: 0.503 • Rank: 49/77



RESILIENCE (R) - High
Score: 0.591 • Rank: 15/77



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.691 • Rank: 20/77



VULNERABILITY (V) - Very Low
Score: 0.291 • Rank: 69/77



COPING CAPACITY (CC) - High
Score: 0.474 • Rank: 26/77



Population (2021 Statistical Yearbook)
327,620



Infant Mortality Rate (per 1,000 live births)
29.2



Population below Poverty Line
14.8%



Population with Safe Drinking Water
80.7%



Adult Literacy
68.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 20 / 77 DISTRICTS
SCORE: 0.691



MHE
0.691
Raw MHE
0.691
Relative MHE
0.692

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

303,151

\$524.15 Million

Critical Infrastructure Exposed:
100%



Landslide

87%

265,227

\$457.53 Million

Critical Infrastructure Exposed:
87%



Extreme Heat

100%

303,151

\$524.15 Million

Critical Infrastructure Exposed:
100%



Wildfire

13%

38,811

\$44.38 Million

Critical Infrastructure Exposed:
8%



Fluvial Flood

3%

7,966

\$44.06 Million

Critical Infrastructure Exposed:
8%



Pluvial Flood

8%

25,077

\$54.15 Million

Critical Infrastructure Exposed:
10%

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



VULNERABILITY (V)

RANK: 69 / 77 DISTRICTS ASSESSED
SCORE: 0.291

Vulnerability in Tanahu 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: 0.257** **RANK: 74/77 DISTRICTS ASSESSED**

68.3% Adult Literacy	- Mean Years of Schooling	97.3 Primary School Net Enrollment	15 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.387** **RANK: 48/77 DISTRICTS ASSESSED**

80.7% Access to Safe Drinking Water	16.1% Households without Toilet	39.1% Water Schemes in Disrepair	171.3 Typhoid Incidence (per 10,000)	20.3 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.290** **RANK: 71/77 DISTRICTS ASSESSED**

- Income per Capita (PPP \$)	14.8% Poverty Headcount Ratio	3.3% Poverty Gap	79.5 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.412** **RANK: 50/77 DISTRICTS ASSESSED**

17.7% Food Poverty Prevalence	33.2% Low kcal Intake Prevalence	64.2% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.152** **RANK: 72/77 DISTRICTS ASSESSED**

0.25 Female to Male Literacy Ratio (Distance from Parity)	0.02 Female to Male Secondary Enrollment Ratio (Distance from Parity)	76.1% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 69 / 77 DISTRICTS ASSESSED
SCORE: 0.291

Vulnerability in Tanahu 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: 0.247 RANK: 70/77 DISTRICTS ASSESSED

69.8
Life Expectancy

1.9%
Disabled Population



Child Health

0  1 SCORE: 0.268 RANK: 68/77 DISTRICTS ASSESSED

47.3%
Child Malnutrition Rate

29.2
Infant Mortality Rate (per 1,000 live births)

347.6
Child ARI Incidence (per 1,000)

21.3
Child Diarrhea Incidence (per 100)

22.0
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 26 / 77 DISTRICTS ASSESSED
SCORE: 0.474

Tanahu 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: 0.346** **RANK: 30/77 DISTRICTS ASSESSED**

14,007

Gross Domestic Product (Million Rs.)

105,818

Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.519** **RANK: 33/77 DISTRICTS ASSESSED**

0.18

Average Annual Conflict (per 10,000)

7.13

Government Management (Score out of 9)

4.23

Organization and Administration (Score out of 8)

5.95

Budget and Plan Management (Score out of 11)

7.18

Fiscal and Financial Management (Score out of 11)

8.75

Service Flow (Score out of 16)

5.05

Judicial Work (Score out of 7)

5.7

Physical Infrastructure (Score out of 13)

4.33

Social Inclusion (Score out of 10)

3.5

Environmental Protection and Disaster Management (Score out of 9)

1.68

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: 26 / 77 DISTRICTS ASSESSED
SCORE: 0.474

Tanahu 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: 0.622** **RANK: 12/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.565** **RANK: 13/77 DISTRICTS ASSESSED**

5.3% Households with Landline	1.5% Households with Internet	34.9% Households with Television	54.1% Households with Radio	74.7% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.611** **RANK: 23/77 DISTRICTS ASSESSED**

12 Road Density (km per sq. km)	71.6% Improved Roadway	25.1 Average Distance to Airport (km)	108.4 Average Distance to Dry Port (km)	25.1 Average Distance to Warehouse (km)	10.3 Average Distance to Police Station (km)	11.9 Average Distance to Hospital (km)	1.25 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.691** **RANK: 11 /77 DISTRICTS ASSESSED**

77.1% Households with Electricity	22.3% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 15 / 77 DISTRICTS ASSESSED

SCORE: 0.591

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

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



Food Insecurity



Clean Water Access
Vulnerability



Communications
Capacity



Logistics 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.



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.

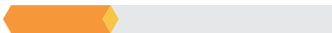


HAZARD-SPECIFIC RISK (HSR)



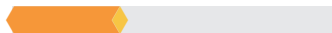
Earthquake

RANK: 68 / 77 DISTRICTS ASSESSED
SCORE: 0.289



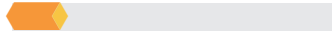
Extreme Heat

RANK: 21 / 77 DISTRICTS ASSESSED
SCORE: 0.307



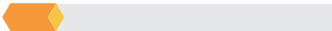
Fluvial Flood

RANK: 55 / 77 DISTRICTS ASSESSED
SCORE: 0.133



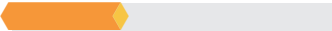
Pluvial Flood

RANK: 51 / 77 DISTRICTS ASSESSED
SCORE: 0.132



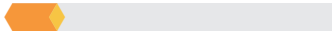
Landslide

RANK: 43 / 77 DISTRICTS ASSESSED
SCORE: 0.326



Wildfire

RANK: 45 / 77 DISTRICTS ASSESSED
SCORE: 0.130





MULTI-HAZARD RISK (MHR)

49 / 77

RANK WITHIN DISTRICTS
Score: 0.503



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

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

DISTRICTS SCORE
COUNTRY SCORE



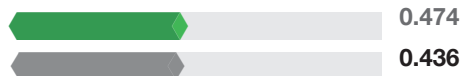
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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