



NEPAL

NUWAKOT

NDPBA SUBNATIONAL PROFILE

NEPAL

NUWAKOT

Area: 1,121 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) -

Moderate

Score: 0.517 • Rank: 43/77



RESILIENCE (R) - Moderate

Score: 0.530 • Rank: 30/77



MULTI-HAZARD EXPOSURE (MHE) - Moderate

Moderate

Score: 0.611 • Rank: 33/77



VULNERABILITY (V) - Low

Score: 0.394 • Rank: 53/77



COPING CAPACITY (CC) -

Moderate

Score: 0.455 • Rank: 31/77



Population (2021 Statistical Yearbook)

262,981



Infant Mortality Rate (per 1,000 live births)

23.2



Population below Poverty Line

20.3%



Population with Safe Drinking Water

88.6%



Adult Literacy

50.6%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 33 / 77 DISTRICTS
SCORE: 0.611



MHE
0.611

Raw MHE
0.657

Relative MHE
0.564

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

253,229

\$527.34 Million

Critical Infrastructure Exposed:
100%



Landslide

97%

246,110

\$453.14 Million

Critical Infrastructure Exposed:
86%



Extreme Heat

55%

139,350

\$401.56 Million

Critical Infrastructure Exposed:
76%



Wildfire

<1%

85

-

Critical Infrastructure Exposed:
-



Fluvial Flood

1%

3,192

\$7.49 Million

Critical Infrastructure Exposed:
1%



Pluvial Flood

5%

13,704

\$7.49 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: 53 / 77 DISTRICTS ASSESSED
SCORE: 0.394

Vulnerability in Nuwakot is primarily driven by Information Access Vulnerability and Gender Inequality. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.564** **RANK: 30/77 DISTRICTS ASSESSED**

50.6% Adult Literacy	3.26 Mean Years of Schooling	95.8 Primary School Net Enrollment	20.02 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.385** **RANK: 50/77 DISTRICTS ASSESSED**

88.6% Access to Safe Drinking Water	40.7% Households without Toilet	30.3% Water Schemes in Disrepair	146.7 Typhoid Incidence (per 10,000)	50.8 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.422** **RANK: 55/77 DISTRICTS ASSESSED**

\$1,086 Income per Capita (PPP \$)	20.3% Poverty Headcount Ratio	4.2% Poverty Gap	74.9 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.315** **RANK: 60/77 DISTRICTS ASSESSED**

25.3% Food Poverty Prevalence	36.7% Low kcal Intake Prevalence	36.9% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.430** **RANK: 31/77 DISTRICTS ASSESSED**

0.32 Female to Male Literacy Ratio (Distance from Parity)	0.11 Female to Male Secondary Enrollment Ratio (Distance from Parity)	84.5% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 53 / 77 DISTRICTS ASSESSED
SCORE: 0.394

Vulnerability in Nuwakot is primarily driven by Information Access Vulnerability and Gender Inequality. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Vulnerable Health Status

0  1 **SCORE: 0.251** **RANK: 69/77 DISTRICTS ASSESSED**

69.1
Life Expectancy

1.7%
Disabled Population



Child Health

0  1 **SCORE: 0.284** **RANK: 62/77 DISTRICTS ASSESSED**

37.1%
Child Malnutrition Rate

23.2
Infant Mortality Rate (per 1,000 live births)

482.6
Child ARI Incidence (per 1,000)

33.9
Child Diarrhea Incidence (per 100)

47.3
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 31 / 77 DISTRICTS ASSESSED
SCORE: 0.455

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



Economic Capacity

0  1 **SCORE: 0.283** **RANK: 37/77 DISTRICTS ASSESSED**

12,267

Gross Domestic Product (Million Rs.)

92,653

Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.429** **RANK: 51/77 DISTRICTS ASSESSED**

0.2

Average Annual Conflict (per 10,000)

6.44

Government Management (Score out of 9)

4.08

Organization and Administration (Score out of 8)

5.83

Budget and Plan Management (Score out of 11)

6.13

Fiscal and Financial Management (Score out of 11)

7.9

Service Flow (Score out of 16)

5.06

Judicial Work (Score out of 7)

4.85

Physical Infrastructure (Score out of 13)

2.96

Social Inclusion (Score out of 10)

2.33

Environmental Protection and Disaster Management (Score out of 9)

2.77

Cooperation and Coordination (Score out of 6)



Environmental Capacity

0  1 **SCORE: 0.404** **RANK: 27/77 DISTRICTS ASSESSED**

16.3%

Protected Area



COPING CAPACITY (CC)

RANK: 31 / 77 DISTRICTS ASSESSED
SCORE: 0.455

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



Infrastructure Capacity

0  1 **SCORE: 0.572** **RANK: 22/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.487** **RANK: 32/77 DISTRICTS ASSESSED**

3.3% Households with Landline	0.8% Households with Internet	30.7% Households with Television	59.6% Households with Radio	60.1% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.619** **RANK: 20/77 DISTRICTS ASSESSED**

19 Road Density (km per sq. km)	73.4% Improved Roadway	28.6 Average Distance to Airport (km)	84.1 Average Distance to Dry Port (km)	28.6 Average Distance to Warehouse (km)	8.2 Average Distance to Police Station (km)	12.1 Average Distance to Hospital (km)	1.9 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.610** **RANK: 26 /77 DISTRICTS ASSESSED**

83.0% Households with Electricity	6.6% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 30 / 77 DISTRICTS ASSESSED
SCORE: 0.530

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

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



Information Access Vulnerability



Gender Inequality



Communications Capacity



Energy 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.



Gender Inequality

Marginalized populations are less likely to have their needs met under pre-disaster conditions, and therefore become even more susceptible to harm during times of disaster. Increase gender-based inclusion in all phases of DM, ensuring the implementation at subnational and local levels. Courses of action must recognize the role of women in society and support changes to policies and programs to promote gender-equal access.



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.



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.

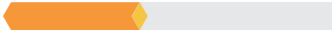


HAZARD-SPECIFIC RISK (HSR)



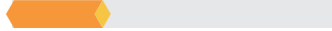
Earthquake

RANK: 43 / 77 DISTRICTS ASSESSED
SCORE: 0.373



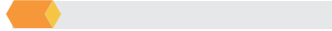
Extreme Heat

RANK: 29 / 77 DISTRICTS ASSESSED
SCORE: 0.257



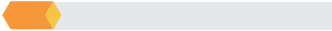
Fluvial Flood

RANK: 63 / 77 DISTRICTS ASSESSED
SCORE: 0.112



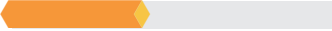
Pluvial Flood

RANK: 58 / 77 DISTRICTS ASSESSED
SCORE: 0.124



Landslide

RANK: 31 / 77 DISTRICTS ASSESSED
SCORE: 0.388



Wildfire

RANK: 55 / 77 DISTRICTS ASSESSED
SCORE: 0.042





MULTI-HAZARD RISK (MHR)

43 / 77

RANK WITHIN DISTRICTS
Score: 0.517



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

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

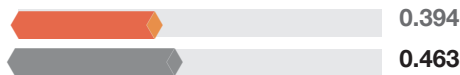
DISTRICTS SCORE
COUNTRY SCORE



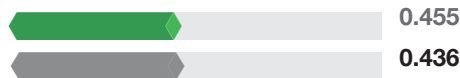
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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