



NEPAL

SYANGJA

NDPBA SUBNATIONAL PROFILE

NEPAL SYANGJA

Area: 1,164 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Low
Score: 0.501 • Rank: 52/77



RESILIENCE (R) - High
Score: 0.560 • Rank: 19/77



MULTI-HAZARD EXPOSURE (MHE) - Moderate
Score: 0.623 • Rank: 32/77



VULNERABILITY (V) - Very Low
Score: 0.319 • Rank: 64/77



COPING CAPACITY (CC) - Moderate
Score: 0.440 • Rank: 35/77



Population (2021 Statistical Yearbook)
254,965



Infant Mortality Rate (per 1,000 live births)
22.0



Population below Poverty Line
11.8%



Population with Safe Drinking Water
86.7%



Adult Literacy
70.4%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 32 / 77 DISTRICTS

SCORE: 0.623



MHE
0.623

Raw MHE
0.635

Relative MHE
0.612

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

267,690

\$522.45 Million

Critical Infrastructure Exposed:
100%



Landslide

97%

258,664

\$504.36 Million

Critical Infrastructure Exposed:
97%



Extreme Heat

82%

218,476

\$405.56 Million

Critical Infrastructure Exposed:
78%



Wildfire

0%

0

\$0

Critical Infrastructure Exposed:
0%



Fluvial Flood

1%

3,447

-

Critical Infrastructure Exposed:
-



Pluvial Flood

4%

11,661

\$13.92 Million

Critical Infrastructure Exposed:
3%

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



VULNERABILITY (V)

RANK: 64 / 77 DISTRICTS ASSESSED
SCORE: 0.319

Vulnerability in Syangja is primarily driven by Food Insecurity and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.293** **RANK: 71/77 DISTRICTS ASSESSED**

70.4% Adult Literacy	4.73 Mean Years of Schooling	97.1 Primary School Net Enrollment	11.37 Student Teacher Ratio
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Access to Clean Water Vulnerability

0 1 **SCORE: 0.257** **RANK: 70/77 DISTRICTS ASSESSED**

86.7% Access to Safe Drinking Water	10.4% Households without Toilet	37.6% Water Schemes in Disrepair	173.0 Typhoid Incidence (per 10,000)	0.0 Cholera Incidence (per 100,000)
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Economic Constraints

0 1 **SCORE: 0.368** **RANK: 61/77 DISTRICTS ASSESSED**

\$1,215 Income per Capita (PPP \$)	11.8% Poverty Headcount Ratio	2.4% Poverty Gap	81.5 Age Dependency Ratio
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Food Insecurity

0 1 **SCORE: 0.476** **RANK: 37/77 DISTRICTS ASSESSED**

17.4% Food Poverty Prevalence	32.2% Low kcal Intake Prevalence	75.8% Agricultural Insufficiency Rate
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Gender Inequality

0 1 **SCORE: 0.268** **RANK: 56/77 DISTRICTS ASSESSED**

0.25 Female to Male Literacy Ratio (Distance from Parity)	0.06 Female to Male Secondary Enrollment Ratio (Distance from Parity)	81.3% No Female Home nor Land Ownership
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VULNERABILITY (V)

RANK: 64 / 77 DISTRICTS ASSESSED
SCORE: 0.319

Vulnerability in Syangja is primarily driven by Food Insecurity and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Vulnerable Health Status

0  1 **SCORE: 0.253** **RANK: 68/77 DISTRICTS ASSESSED**

70.1
Life Expectancy

2.0%
Disabled Population



Child Health

0  1 **SCORE: 0.283** **RANK: 64/77 DISTRICTS ASSESSED**

39.1%
Child Malnutrition Rate

22.0
Infant Mortality Rate (per 1,000 live births)

654.9
Child ARI Incidence (per 1,000)

27.0
Child Diarrhea Incidence (per 100)

34.5
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 35 / 77 DISTRICTS ASSESSED
SCORE: 0.440

Syangja 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: 0.356** **RANK: 27/77 DISTRICTS ASSESSED**

14,180 **108,234**
Gross Domestic Product (Million Rs.) Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.404** **RANK: 56/77 DISTRICTS ASSESSED**

0.13 Average Annual Conflict (per 10,000)	6.2 Government Management (Score out of 9)	3.65 Organization and Administration (Score out of 8)	4.93 Budget and Plan Management (Score out of 11)	5.85 Fiscal and Financial Management (Score out of 11)	8.3 Service Flow (Score out of 16)	4.85 Judicial Work (Score out of 7)	5.33 Physical Infrastructure (Score out of 13)
3.7 Social Inclusion (Score out of 10)	3.38 Environmental Protection and Disaster Management (Score out of 9)	1.4 Cooperation and Coordination (Score out of 6)					



Environmental Capacity

0  1 **SCORE: 0.007** **RANK: 47/77 DISTRICTS ASSESSED**

0.0%
Protected Area



COPING CAPACITY (CC)

RANK: 35 / 77 DISTRICTS ASSESSED
SCORE: 0.440

Syangja 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: 0.616** **RANK: 14/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.553** **RANK: 18/77 DISTRICTS ASSESSED**

3.3% Households with Landline	1.9% Households with Internet	25.3% Households with Television	57.5% Households with Radio	79.7% Households with Mobile Phone
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Logistics Capacity

0  1 **SCORE: 0.602** **RANK: 26/77 DISTRICTS ASSESSED**

15 Road Density (km per sq. km)	68.5% Improved Roadway	19.7 Average Distance to Airport (km)	78.3 Average Distance to Dry Port (km)	19.7 Average Distance to Warehouse (km)	13.8 Average Distance to Police Station (km)	11.3 Average Distance to Hospital (km)	0.59 Operational Hospital Beds (per 10,000)
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Energy Capacity

0  1 **SCORE: 0.694** **RANK: 10 /77 DISTRICTS ASSESSED**

86.5% Households with Electricity	14.2% Households using Gas for Cooking
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RESILIENCE (R)

RANK: 19 / 77 DISTRICTS ASSESSED

SCORE: 0.560

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

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



Food Insecurity



Economic Constraints



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.



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.

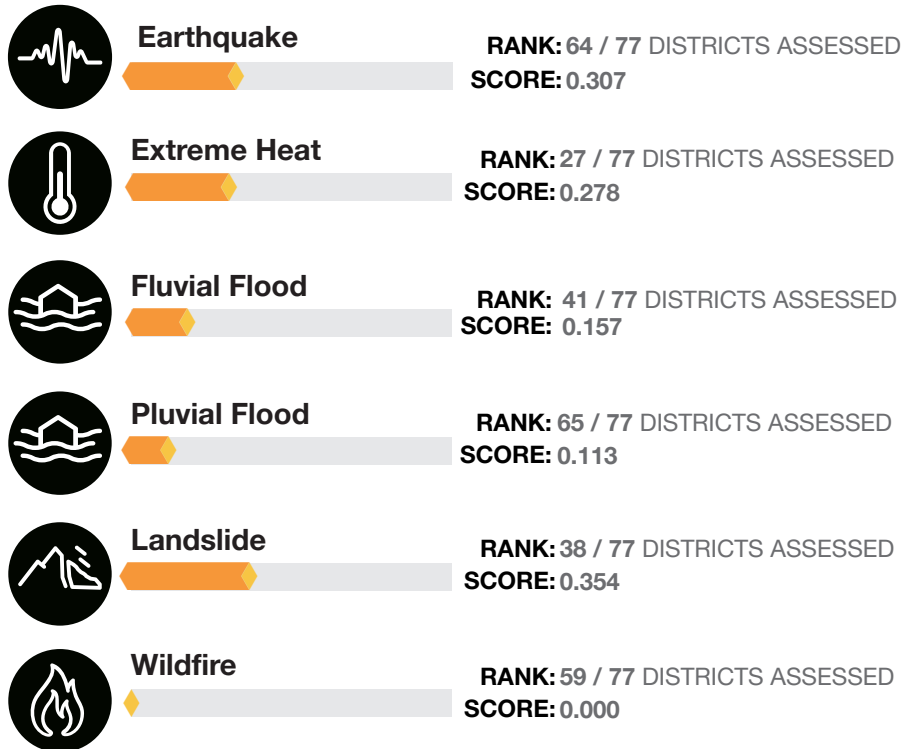


Logistics Capacity

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)

52 / 77

RANK WITHIN DISTRICTS
Score: 0.501



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

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

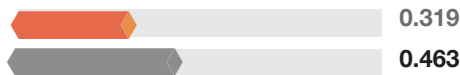
 DISTRICTS SCORE
 COUNTRY SCORE



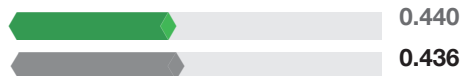
Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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