



NEPAL

MANANG

NDPBA SUBNATIONAL PROFILE

NEPAL MANANG

Area: 2,246 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low
Score: 0.365 • Rank: 74/77



RESILIENCE (R) - Very High
Score: 0.644 • Rank: 7/77



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.383 • Rank: 66/77



VULNERABILITY (V) - Low
Score: 0.364 • Rank: 59/77



COPING CAPACITY (CC) - Very High
Score: 0.653 • Rank: 4/77



Population (2021 Statistical Yearbook)
5,645



Infant Mortality Rate (per 1,000 live births)
0.0



Population below Poverty Line
36.9%



Population with Safe Drinking Water
95.5%



Adult Literacy
70.8%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 66 / 77 DISTRICTS
SCORE: 0.383



MHE
0.383

Raw MHE
0.085

Relative MHE
0.681

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

5,201

\$16.65 Million

Critical Infrastructure Exposed:
100%



Landslide

100%

5,197

\$16.48 Million

Critical Infrastructure Exposed:
99%



Extreme Heat

0%

0

\$0

Critical Infrastructure Exposed:
0%



Wildfire

49%

2,536

\$5.49 Million

Critical Infrastructure Exposed:
33%



Fluvial Flood

29%

1,532

\$0.25 Million

Critical Infrastructure Exposed:
1%



Pluvial Flood

37%

1,937

\$2.08 Million

Critical Infrastructure Exposed:
12%

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



VULNERABILITY (V)

RANK: 59 / 77 DISTRICTS ASSESSED
SCORE: 0.364

Vulnerability in Manang is primarily driven by Food Insecurity and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Information Access Vulnerability

0 1 **SCORE: 0.386** **RANK: 61/77 DISTRICTS ASSESSED**

| | | | |
|--------------------------------|---|--|---|
| 70.8% Adult Literacy | 4.79 Mean Years of Schooling | 84.6 Primary School Net Enrollment | 1.98 Student Teacher Ratio |
|--------------------------------|---|--|---|



Access to Clean Water Vulnerability

0 1 **SCORE: 0.185** **RANK: 76/77 DISTRICTS ASSESSED**

| | | | | |
|--|--|--|---|---|
| 95.5% Access to Safe Drinking Water | 34.6% Households without Toilet | 36.1% Water Schemes in Disrepair | 39.1 Typhoid Incidence (per 10,000) | 0.0 Cholera Incidence (per 100,000) |
|--|--|--|---|---|



Economic Constraints

0 1 **SCORE: 0.296** **RANK: 69/77 DISTRICTS ASSESSED**

| | | | |
|---|---|----------------------------|---|
| \$3,166 Income per Capita (PPP \$) | 36.9% Poverty Headcount Ratio | 9.9% Poverty Gap | 47.2 Age Dependency Ratio |
|---|---|----------------------------|---|



Food Insecurity

0 1 **SCORE: 0.603** **RANK: 20/77 DISTRICTS ASSESSED**

| | | |
|--|--|---|
| 22.9% Food Poverty Prevalence | 34.9% Low kcal Intake Prevalence | 86.3% Agricultural Insufficiency Rate |
|--|--|---|



Gender Inequality

0 1 **SCORE: 0.336** **RANK: 46/77 DISTRICTS ASSESSED**

| | | |
|--|--|--|
| 0.30 Female to Male Literacy Ratio (Distance from Parity) | 0.10 Female to Male Secondary Enrollment Ratio (Distance from Parity) | 79.4% No Female Home nor Land Ownership |
|--|--|--|



VULNERABILITY (V)

RANK: 59 / 77 DISTRICTS ASSESSED
SCORE: 0.364

Vulnerability in Manang is primarily driven by Food Insecurity and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Vulnerable Health Status

0  1 **SCORE: 0.376** **RANK: 42/77 DISTRICTS ASSESSED**

69.9
Life Expectancy

3.1%
Disabled Population



Child Health

0  1 **SCORE: 0.389** **RANK: 45/77 DISTRICTS ASSESSED**

54.7%
Child Malnutrition Rate

0.0
Infant Mortality Rate (per 1,000 live births)

725.2
Child ARI Incidence (per 1,000)

47.8
Child Diarrhea Incidence (per 100)

75.1
Child Pneumonia Incidence (per 1,000)



COPING CAPACITY (CC)

RANK: 4 / 77 DISTRICTS ASSESSED
SCORE: 0.653

Manang 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: 0.500** **RANK: 14/77 DISTRICTS ASSESSED**

845 Gross Domestic Product (Million Rs.)
232,454 Labor Productivity (Rs.)



Governance

0  1 **SCORE: 0.820** **RANK: 1/77 DISTRICTS ASSESSED**

| | | | | | | | |
|---|--|--|---|--|--|---|--|
| 1.29 Average Annual Conflict (per 10,000) | 7.25 Government Management (Score out of 9) | 4.5 Organization and Administration (Score out of 8) | 7.38 Budget and Plan Management (Score out of 11) | 8.25 Fiscal and Financial Management (Score out of 11) | 11.69 Service Flow (Score out of 16) | 6.38 Judicial Work (Score out of 7) | 7.25 Physical Infrastructure (Score out of 13) |
| 4.75 Social Inclusion (Score out of 10) | 4.81 Environmental Protection and Disaster Management (Score out of 9) | 4.25 Cooperation and Coordination (Score out of 6) | | | | | |



Environmental Capacity

0  1 **SCORE: 0.943** **RANK: 2/77 DISTRICTS ASSESSED**

88.3%
Protected Area



COPING CAPACITY (CC)

RANK: 4 / 77 DISTRICTS ASSESSED
SCORE: 0.653

Manang 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: 0.531** **RANK: 32/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.551** **RANK: 19/77 DISTRICTS ASSESSED**

| | | | | |
|---|---|--|---------------------------------------|--|
| 8.0% Households with Landline | 1.3% Households with Internet | 32.9% Households with Television | 53.9% Households with Radio | 66.5% Households with Mobile Phone |
|---|---|--|---------------------------------------|--|



Logistics Capacity

0  1 **SCORE: 0.484** **RANK: 59/77 DISTRICTS ASSESSED**

| | | | | | | | |
|--|---------------------------------|---|---|---|---|--|--|
| 1 Road Density (km per sq. km) | 0.0% Improved Roadway | 44.4 Average Distance to Airport (km) | 164.6 Average Distance to Dry Port (km) | 44.4 Average Distance to Warehouse (km) | 8.7 Average Distance to Police Station (km) | 15.9 Average Distance to Hospital (km) | 17.71 Operational Hospital Beds (per 10,000) |
|--|---------------------------------|---|---|---|---|--|--|



Energy Capacity

0  1 **SCORE: 0.556** **RANK: 33 /77 DISTRICTS ASSESSED**

| | |
|---|---|
| 88.9% Households with Electricity | 1.6% Households using Gas for Cooking |
|---|---|



RESILIENCE (R)

RANK: 7 / 77 DISTRICTS ASSESSED

SCORE: 0.644

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

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



Food Insecurity



Information Access Vulnerability



Logistics Capacity



Communications 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.



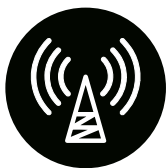
Information Access Vulnerability

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: 77 / 77 DISTRICTS ASSESSED
SCORE: 0.188



Extreme Heat

RANK: 61 / 77 DISTRICTS ASSESSED
SCORE: 0.000



Fluvial Flood

RANK: 49 / 77 DISTRICTS ASSESSED
SCORE: 0.144



Pluvial Flood

RANK: 53 / 77 DISTRICTS ASSESSED
SCORE: 0.131



Landslide

RANK: 52 / 77 DISTRICTS ASSESSED
SCORE: 0.209



Wildfire

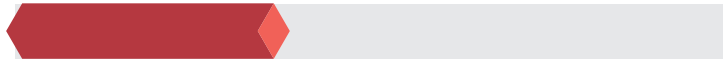
RANK: 42 / 77 DISTRICTS ASSESSED
SCORE: 0.165



MULTI-HAZARD RISK (MHR)

74 / 77

RANK WITHIN DISTRICTS
Score: 0.365



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

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

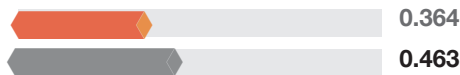
DISTRICTS SCORE
COUNTRY SCORE



Multi-Hazard Exposure



Vulnerability



Coping Capacity



**Better solutions.
Fewer disasters.**

Safer world.

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