



NEPAL

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# MUSTANG

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## NDPBA SUBNATIONAL PROFILE

# NEPAL MUSTANG

Area: 3,573 km<sup>2</sup>



## RISK AND VULNERABILITY COMPONENT SCORE



### MULTI-HAZARD RISK (MHR) -

**Very Low**

Score: 0.391 • Rank: 72/77



### RESILIENCE (R) - High

Score: 0.568 • Rank: 18/77



### MULTI-HAZARD EXPOSURE (MHE) -

**Very Low**

Score: 0.310 • Rank: 77/77



### VULNERABILITY (V) -

**Moderate**

Score: 0.424 • Rank: 45/77



### COPING CAPACITY (CC) - Very

**High**

Score: 0.559 • Rank: 12/77



Population (2021 Statistical Yearbook)

**14,596**



Infant Mortality Rate (per 1,000 live births)

**26.3**



Population below Poverty Line

**40.0%**



Population with Safe Drinking Water

**90.4%**



Adult Literacy

**61.3%**



## MULTI-HAZARD EXPOSURE (MHE)

RANK: 77 / 77 DISTRICTS

SCORE: 0.310



MHE  
0.310

Raw MHE  
0.166

Relative MHE  
0.454

### ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

**100%**

11,988

\$25.78 Million

Critical Infrastructure Exposed:  
100%



Landslide

**96%**

11,500

\$22.99 Million

Critical Infrastructure Exposed:  
89%



Extreme Heat

**0%**

0

\$0

Critical Infrastructure Exposed:  
0%



Wildfire

**12%**

1,414

\$2.57 Million

Critical Infrastructure Exposed:  
10%



Fluvial Flood

**8%**

903

\$0.38 Million

Critical Infrastructure Exposed:  
1%



Pluvial Flood

**25%**

3,010

\$5.91 Million

Critical Infrastructure Exposed:  
23%

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



## VULNERABILITY (V)

**RANK: 45 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.424**

Vulnerability in Mustang is primarily driven by Vulnerable Health Status and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### Information Access Vulnerability

0 1 **SCORE: 0.465** **RANK: 46/77 DISTRICTS ASSESSED**

|                                |   |  |   |
|--------------------------------|---|--|---|
| <b>61.3%</b><br>Adult Literacy | <b>3.86</b><br>Mean Years of<br>Schooling | <b>92.1</b><br>Primary<br>School Net<br>Enrollment | <b>6.14</b><br>Student<br>Teacher Ratio |
|--------------------------------|---|--|---|



### Access to Clean Water Vulnerability

0 1 **SCORE: 0.350** **RANK: 58/77 DISTRICTS ASSESSED**

|  |  |  |   |  |
|--|--|--|---|--|
| <b>90.4%</b><br>Access to Safe<br>Drinking Water | <b>36.6%</b><br>Households<br>without Toilet | <b>36.0%</b><br>Water<br>Schemes in<br>Disrepair | <b>79.5</b><br>Typhoid<br>Incidence (per<br>10,000) | <b>49.7</b><br>Cholera<br>Incidence (per<br>100,000) |
|--|--|--|---|--|



### Economic Constraints

0 1 **SCORE: 0.435** **RANK: 54/77 DISTRICTS ASSESSED**

|   |   |                             |   |
|---|---|-----------------------------|---|
| <b>\$1,922</b><br>Income per<br>Capita (PPP \$) | <b>40.0%</b><br>Poverty<br>Headcount<br>Ratio | <b>10.9%</b><br>Poverty Gap | <b>52.1</b><br>Age<br>Dependency<br>Ratio |
|---|---|-----------------------------|---|



### Food Insecurity

0 1 **SCORE: 0.425** **RANK: 44/77 DISTRICTS ASSESSED**

|  |  |   |
|--|--|---|
| <b>21.5%</b><br>Food Poverty<br>Prevalence | <b>37.2%</b><br>Low kcal<br>Intake<br>Prevalence | <b>56.7%</b><br>Agricultural<br>Insufficiency<br>Rate |
|--|--|---|



### Gender Inequality

0 1 **SCORE: 0.399** **RANK: 38/77 DISTRICTS ASSESSED**

|  |  |  |
|--|--|--|
| <b>0.33</b><br>Female to Male<br>Literacy Ratio<br>(Distance from<br>Parity) | <b>0.06</b><br>Female to Male<br>Secondary<br>Enrollment Ratio<br>(Distance from Parity) | <b>88.0%</b><br>No Female<br>Home<br>nor Land<br>Ownership |
|--|--|--|



## VULNERABILITY (V)

**RANK: 45 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.424**

Vulnerability in Mustang is primarily driven by Vulnerable Health Status and Information Access Vulnerability. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### Vulnerable Health Status

0  1 **SCORE: 0.468** **RANK: 25/77 DISTRICTS ASSESSED**

**69.6**  
 Life Expectancy

**3.4%**  
 Disabled Population



### Child Health

0  1 **SCORE: 0.581** **RANK: 20/77 DISTRICTS ASSESSED**

**54.7%**  
 Child Malnutrition Rate

**26.3**  
 Infant Mortality Rate (per 1,000 live births)

**1175.6**  
 Child ARI Incidence (per 1,000)

**42.7**  
 Child Diarrhea Incidence (per 100)

**148.4**  
 Child Pneumonia Incidence (per 1,000)



## COPING CAPACITY (CC)

**RANK: 12 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.559**

Mustang 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: 0.311** **RANK: 32/77 DISTRICTS ASSESSED**

**1,055** **135,529**  
Gross Domestic Product (Million Rs.) Labor Productivity (Rs.)



## Governance

0  1 **SCORE: 0.667** **RANK: 4/77 DISTRICTS ASSESSED**

|   |   |  |  |   |   |   |  |
|---|---|--|--|---|---|---|--|
| <b>1.12</b><br>Average Annual Conflict (per 10,000) | <b>7</b><br>Government Management (Score out of 9)                              | <b>4.6</b><br>Organization and Administration (Score out of 8) | <b>5.9</b><br>Budget and Plan Management (Score out of 11) | <b>7.1</b><br>Fiscal and Financial Management (Score out of 11) | <b>9.75</b><br>Service Flow (Score out of 16) | <b>5.15</b><br>Judicial Work (Score out of 7) | <b>6.75</b><br>Physical Infrastructure (Score out of 13) |
| <b>4.55</b><br>Social Inclusion (Score out of 10)   | <b>4.1</b><br>Environmental Protection and Disaster Management (Score out of 9) | <b>3.15</b><br>Cooperation and Coordination (Score out of 6)   |  |   |   |   |  |



## Environmental Capacity

0  1 **SCORE: 1.000** **RANK: 1/77 DISTRICTS ASSESSED**

**99.4%**  
Protected Area



## COPING CAPACITY (CC)

**RANK: 12 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.559**

Mustang 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: 0.492** **RANK: 39/77 DISTRICTS ASSESSED**



## Communications Capacity

0  1 **SCORE: 0.443** **RANK: 41/77 DISTRICTS ASSESSED**

|   |   |  |                                       |  |
|---|---|--|---------------------------------------|--|
| <b>7.3%</b><br>Households with Landline | <b>1.5%</b><br>Households with Internet | <b>13.6%</b><br>Households with Television | <b>37.4%</b><br>Households with Radio | <b>71.2%</b><br>Households with Mobile Phone |
|---|---|--|---------------------------------------|--|



## Logistics Capacity

0  1 **SCORE: 0.396** **RANK: 74/77 DISTRICTS ASSESSED**

|  |                                 |   |   |   |  |  |  |
|--|---------------------------------|---|---|---|--|--|--|
| <b>5</b><br>Road Density (km per sq. km) | <b>0.0%</b><br>Improved Roadway | <b>83.1</b><br>Average Distance to Airport (km) | <b>173.1</b><br>Average Distance to Dry Port (km) | <b>83.1</b><br>Average Distance to Warehouse (km) | <b>11.2</b><br>Average Distance to Police Station (km) | <b>20.8</b><br>Average Distance to Hospital (km) | <b>10.28</b><br>Operational Hospital Beds (per 10,000) |
|--|---------------------------------|---|---|---|--|--|--|



## Energy Capacity

0  1 **SCORE: 0.637** **RANK: 21 /77 DISTRICTS ASSESSED**

|   |  |
|---|--|
| <b>71.2%</b><br>Households with Electricity | <b>18.1%</b><br>Households using Gas for Cooking |
|---|--|



## RESILIENCE (R)

**RANK: 18 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.568**

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

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



**Vulnerable Health Status**



**Information Access Vulnerability**



**Logistics Capacity**



**Communications Capacity**

## KEY FACTORS INFLUENCING RESILIENCE



### Vulnerable Health Status

A population with a compromised health status will have a greatly reduced ability to manage short- and long-term disaster outcomes. Improving health is often correlated with decreased susceptibility to injury, disease, and stress associated with disasters. Acute or prolonged vulnerable health status limits the basic capacity of response functions.



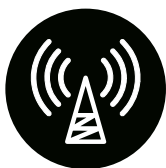
### Information Access Vulnerability

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.



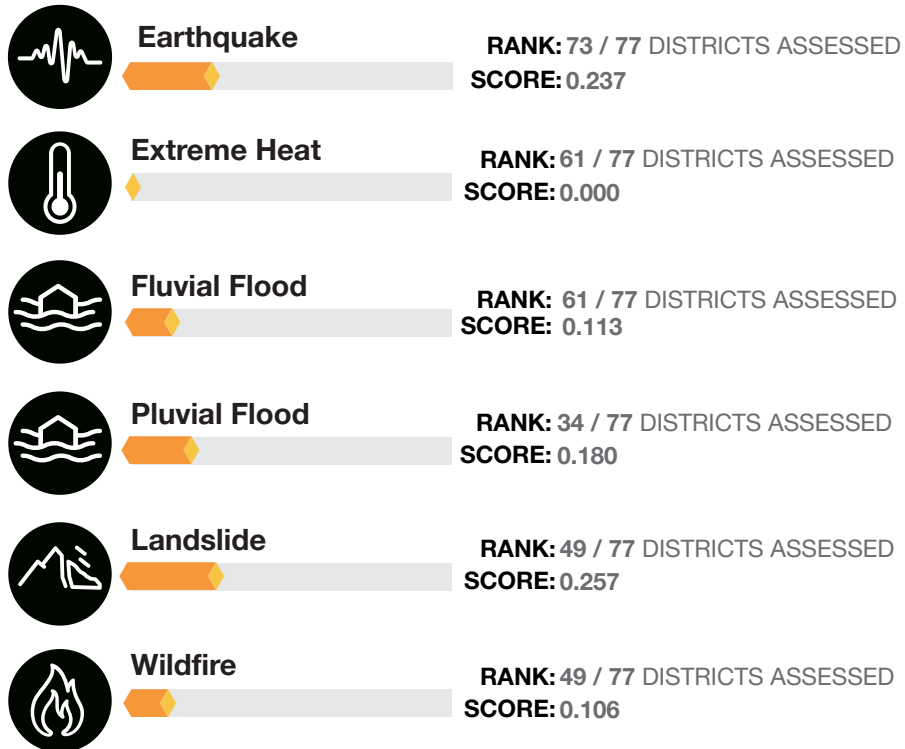
### Communications Capacity

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)

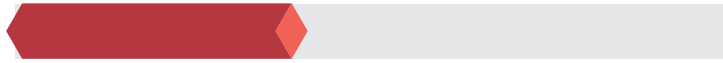




## MULTI-HAZARD RISK (MHR)

72 / 77

RANK WITHIN DISTRICTS  
Score: 0.391



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

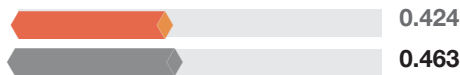
### Multi-hazard risk component scores compared to overall average country scores:



#### Multi-Hazard Exposure



#### Vulnerability



#### Coping Capacity



**Better solutions.  
Fewer disasters.**

# Safer world.

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