



**NEPAL**

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**DAILEKH**

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**NDPBA SUBNATIONAL PROFILE**

# NEPAL

## DAILEKH

Area: 1,502 km<sup>2</sup>



### RISK AND VULNERABILITY

#### COMPONENT SCORE



**MULTI-HAZARD RISK (MHR) - High**

Score: 0.602 • Rank: 16/77



**RESILIENCE (R) - Very Low**

Score: 0.352 • Rank: 65/77



**MULTI-HAZARD EXPOSURE (MHE) - Moderate**

Score: 0.511 • Rank: 42/77



**VULNERABILITY (V) - Very High**

Score: 0.634 • Rank: 11/77



**COPING CAPACITY (CC) - Very Low**

Score: 0.338 • Rank: 62/77



Population (2021 Statistical Yearbook)

**253,319**



Infant Mortality Rate (per 1,000 live births)

**39.8**



Population below Poverty Line

**35.8%**



Population with Safe Drinking Water

**53.9%**



Adult Literacy

**52.3%**



## MULTI-HAZARD EXPOSURE (MHE)

RANK: 42 / 77 DISTRICTS  
SCORE: 0.511



MHE  
0.511

Raw MHE  
0.531

Relative MHE  
0.491

### ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

**100%**

258,632

\$465.39 Million

Critical Infrastructure Exposed:  
100%



Landslide

**99%**

257,187

\$460.14 Million

Critical Infrastructure Exposed:  
99%



Extreme Heat

**3%**

7,698

\$15.77 Million

Critical Infrastructure Exposed:  
3%



Wildfire

**46%**

119,318

\$189 Million

Critical Infrastructure Exposed:  
41%



Fluvial Flood

**1%**

1,840

\$11.62 Million

Critical Infrastructure Exposed:  
3%



Pluvial Flood

**3%**

6,826

\$26.66 Million

Critical Infrastructure Exposed:  
6%

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



## VULNERABILITY (V)

**RANK: 11 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.634**

Vulnerability in Dailekh is primarily driven by Clean Water Access Vulnerability and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



### Information Access Vulnerability

0  1 **SCORE: 0.590** **RANK: 28/77 DISTRICTS ASSESSED**

**52.3%**

Adult Literacy

**3.06**

Mean Years of  
Schooling

**96.7**

Primary  
School Net  
Enrollment

**34.11**

Student  
Teacher Ratio



### Access to Clean Water Vulnerability

0  1 **SCORE: 0.789** **RANK: 1/77 DISTRICTS ASSESSED**

**53.9%**

Access to Safe  
Drinking Water

**51.0%**

Households  
without Toilet

**45.8%**

Water  
Schemes in  
Disrepair

**346.9**

Typhoid  
Incidence (per  
10,000)

**77.4**

Cholera  
Incidence (per  
100,000)



### Economic Constraints

0  1 **SCORE: 0.685** **RANK: 13/77 DISTRICTS ASSESSED**

**\$684**

Income per  
Capita (PPP \$)

**35.8%**

Poverty  
Headcount  
Ratio

**8.8%**

Poverty Gap

**97.7**

Age  
Dependency  
Ratio



### Food Insecurity

0  1 **SCORE: 0.683** **RANK: 13/77 DISTRICTS ASSESSED**

**34.1%**

Food Poverty  
Prevalence

**38.3%**

Low kcal  
Intake  
Prevalence

**84.7%**

Agricultural  
Insufficiency  
Rate



### Gender Inequality

0  1 **SCORE: 0.507** **RANK: 20/77 DISTRICTS ASSESSED**

**0.43**

Female to Male  
Literacy Ratio  
(Distance from  
Parity)

**0.05**

Female to Male  
Secondary  
Enrollment Ratio  
(Distance from Parity)

**93.2%**

No Female  
Home  
nor Land  
Ownership



## VULNERABILITY (V)

**RANK: 11 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.634**

Vulnerability in Dailekh is primarily driven by Clean Water Access Vulnerability and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



## Vulnerable Health Status

0  1 **SCORE: 0.552** **RANK: 15/77 DISTRICTS ASSESSED**

**65.2**

Life  
Expectancy

**2.9%**

Disabled  
Population



## Child Health

0  1 **SCORE: 0.678** **RANK: 10/77 DISTRICTS ASSESSED**

**45.6%**

Child  
Malnutrition  
Rate

**39.8**

Infant Mortality  
Rate (per  
1,000 live  
births)

**1318.4**

Child ARI  
Incidence (per  
1,000)

**102.4**

Child Diarrhea  
Incidence (per  
100)

**106.9**

Child  
Pneumonia  
Incidence (per  
1,000)



## COPING CAPACITY (CC)

**RANK: 62 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.338**

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



## Economic Capacity

0  1 **SCORE: 0.140** **RANK: 65/77 DISTRICTS ASSESSED**

**7,267**

Gross Domestic  
Product (Million Rs.)

**65,334**

Labor Productivity  
(Rs.)



## Governance

0  1 **SCORE: 0.648** **RANK: 8/77 DISTRICTS ASSESSED**

**0.14**

Average  
Annual Conflict  
(per 10,000)

**6.75**

Government  
Management  
(Score out  
of 9)

**5.75**

Organization  
and  
Administration  
(Score out  
of 8)

**9**

Budget  
and Plan  
Management  
(Score out  
of 11)

**8.5**

Fiscal and  
Financial  
Management  
(Score out  
of 11)

**9.5**

Service Flow  
(Score out  
of 16)

**5.5**

Judicial Work  
(Score out  
of 7)

**6.63**

Physical  
Infrastructure  
(Score out  
of 13)

**4**

Social Inclusion  
(Score out of  
10)

**4.25**

Environmental  
Protection  
and Disaster  
Management  
(Score out  
of 9)

**2.38**

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: 62 / 77 DISTRICTS ASSESSED**  
**SCORE: 0.338**

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



## Infrastructure Capacity

0  1 **SCORE: 0.288** **RANK: 68/77 DISTRICTS ASSESSED**



## Communications Capacity

0  1 **SCORE: 0.209** **RANK: 72/77 DISTRICTS ASSESSED**

**1.2%**

Households  
with Landline

**0.2%**

Households  
with Internet

**2.8%**

Households  
with Television

**47.7%**

Households  
with Radio

**37.8%**

Households  
with Mobile  
Phone



## Logistics Capacity

0  1 **SCORE: 0.502** **RANK: 55/77 DISTRICTS ASSESSED**

**18**

Road Density  
(km per sq. km)

**63.1%**

Improved  
Roadway

**11.5**

Average  
Distance to  
Airport (km)

**265.8**

Average  
Distance to  
Dry Port (km)

**11.5**

Average  
Distance to  
Warehouse  
(km)

**27.6**

Average  
Distance to  
Police Station  
(km)

**11.5**

Average  
Distance to  
Hospital (km)

**1.26**

Operational  
Hospital Beds  
(per 10,000)



## Energy Capacity

0  1 **SCORE: 0.154** **RANK: 68 /77 DISTRICTS ASSESSED**

**13.6%**

Households  
with Electricity

**1.5%**

Households  
using Gas for  
Cooking



## RESILIENCE (R)

**RANK: 65 / 77 DISTRICTS ASSESSED**

**SCORE: 0.352**

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

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



**Clean Water Access  
Vulnerability**



**Economic  
Constraints**



**Energy Capacity**



**Communications  
Capacity**

## KEY FACTORS INFLUENCING RESILIENCE



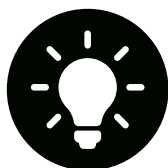
### Clean Water Access Vulnerability

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.



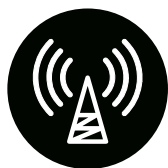
### Economic Constraints

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.



### 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.



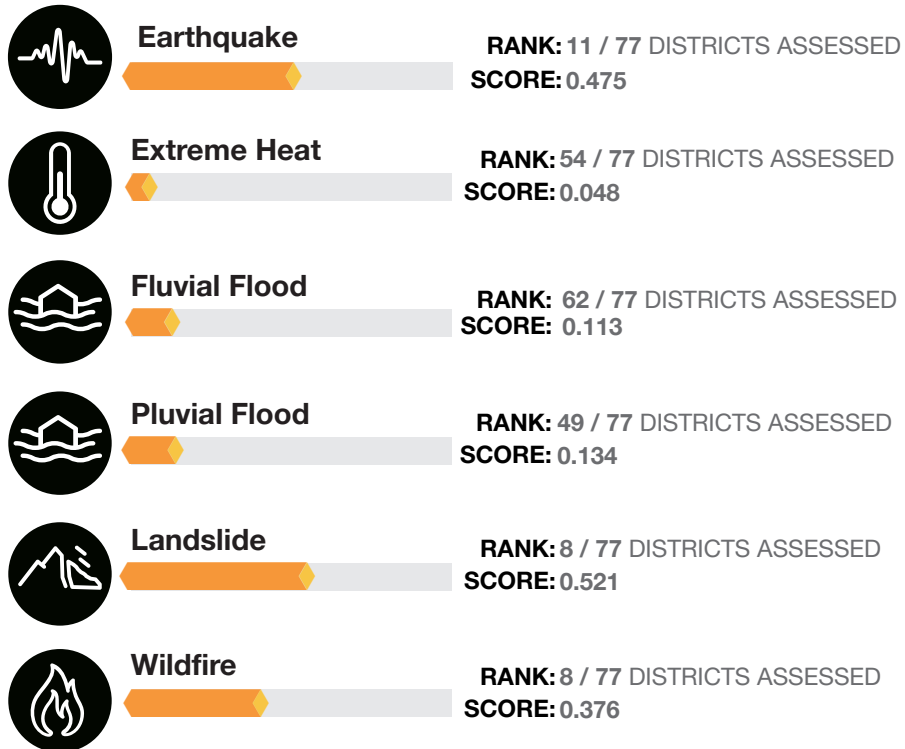
### Communications Capacity

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)

**16 / 77**RANK WITHIN DISTRICTS  
Score: 0.602

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

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

**DISTRICTS SCORE**  
**COUNTRY SCORE**

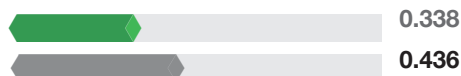
#### Multi-Hazard Exposure



#### Vulnerability



#### Coping Capacity



**Better solutions.  
Fewer disasters.**

# Safer world.

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