



NEPAL

DADEL DHURA

NDPBA SUBNATIONAL PROFILE

NEPAL

DADELDHURA

Area: 1,538 km²



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very High
Score: 0.631 • Rank: 8/77



RESILIENCE (R) - Very Low
Score: 0.375 • Rank: 62/77



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.643 • Rank: 29/77



VULNERABILITY (V) - Very High
Score: 0.619 • Rank: 12/77



COPING CAPACITY (CC) - Low
Score: 0.369 • Rank: 55/77



Population (2021 Statistical Yearbook)
139,420



Infant Mortality Rate (per 1,000 live births)
42.8



Population below Poverty Line
43.3%



Population with Safe Drinking Water
73.6%



Adult Literacy
57.3%



MULTI-HAZARD EXPOSURE (MHE)

RANK: 29 / 77 DISTRICTS

SCORE: 0.643



MHE
0.643

Raw MHE
0.556

Relative MHE
0.731

ESTIMATED EXPOSURE TO EACH HAZARD:



Earthquake

100%

275,558

\$239.26 Million

Critical Infrastructure Exposed:
100%



Landslide

90%

247,487

\$216.13 Million

Critical Infrastructure Exposed:
90%



Extreme Heat

28%

78,470

\$62.21 Million

Critical Infrastructure Exposed:
26%



Wildfire

97%

265,963

\$206.89 Million

Critical Infrastructure Exposed:
86%



Fluvial Flood

1%

3,597

\$10.45 Million

Critical Infrastructure Exposed:
4%



Pluvial Flood

6%

16,901

\$27.34 Million

Critical Infrastructure Exposed:
11%

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



VULNERABILITY (V)

RANK: 12 / 77 DISTRICTS ASSESSED
SCORE: 0.619

Vulnerability in Dadeldhura 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: 0.527** **RANK: 36/77 DISTRICTS ASSESSED**

57.3%

Adult Literacy

3.34

Mean Years of
Schooling

95.8

Primary
School Net
Enrollment

20.3

Student
Teacher Ratio



Access to Clean Water Vulnerability

0  1 **SCORE: 0.472** **RANK: 27/77 DISTRICTS ASSESSED**

73.6%

Access to Safe
Drinking Water

41.5%

Households
without Toilet

40.5%

Water
Schemes in
Disrepair

171.9

Typhoid
Incidence (per
10,000)

9.1

Cholera
Incidence (per
100,000)



Economic Constraints

0  1 **SCORE: 0.743** **RANK: 10/77 DISTRICTS ASSESSED**

\$764

Income per
Capita (PPP \$)

43.3%

Poverty
Headcount
Ratio

11.8%

Poverty Gap

94.7

Age
Dependency
Ratio



Food Insecurity

0  1 **SCORE: 0.752** **RANK: 9/77 DISTRICTS ASSESSED**

49.8%

Food Poverty
Prevalence

42.7%

Low kcal
Intake
Prevalence

78.3%

Agricultural
Insufficiency
Rate



Gender Inequality

0  1 **SCORE: 0.620** **RANK: 10/77 DISTRICTS ASSESSED**

0.48

Female to Male
Literacy Ratio
(Distance from
Parity)

0.08

Female to Male
Secondary
Enrollment Ratio
(Distance from Parity)

96.0%

No Female
Home
nor Land
Ownership



VULNERABILITY (V)

RANK: 12 / 77 DISTRICTS ASSESSED
SCORE: 0.619

Vulnerability in Dadeldhura 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: 0.599** **RANK: 10/77 DISTRICTS ASSESSED**

64.4

Life
Expectancy

3.6%

Disabled
Population



Child Health

0  1 **SCORE: 0.614** **RANK: 17/77 DISTRICTS ASSESSED**

48.6%

Child
Malnutrition
Rate

42.8

Infant Mortality
Rate (per
1,000 live
births)

1041.7

Child ARI
Incidence (per
1,000)

78.9

Child Diarrhea
Incidence (per
100)

108.4

Child
Pneumonia
Incidence (per
1,000)



COPING CAPACITY (CC)

RANK: 55 / 77 DISTRICTS ASSESSED
SCORE: 0.369

Dadeldhura 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: 0.108** **RANK: 69/77 DISTRICTS ASSESSED**

4,392

Gross Domestic
Product (Million Rs.)

64,739

Labor Productivity
(Rs.)



Governance

0  1 **SCORE: 0.617** **RANK: 16/77 DISTRICTS ASSESSED**

0.23

Average
Annual Conflict
(per 10,000)

7.14

Government
Management
(Score out
of 9)

5.39

Organization
and
Administration
(Score out
of 8)

7.64

Budget
and Plan
Management
(Score out
of 11)

7.96

Fiscal and
Financial
Management
(Score out
of 11)

10.04

Service Flow
(Score out
of 16)

4.75

Judicial Work
(Score out
of 7)

5.79

Physical
Infrastructure
(Score out
of 13)

4.18

Social Inclusion
(Score out of
10)

4.18

Environmental
Protection
and Disaster
Management
(Score out
of 9)

2.5

Cooperation
and
Coordination
(Score out
of 6)



Environmental Capacity

0  1 **SCORE: 0.018** **RANK: 44/77 DISTRICTS ASSESSED**

<0.1%

Protected Area



COPING CAPACITY (CC)

RANK: 55 / 77 DISTRICTS ASSESSED
SCORE: 0.369

Dadeldhura 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: 0.401** **RANK: 56/77 DISTRICTS ASSESSED**



Communications Capacity

0  1 **SCORE: 0.350** **RANK: 55/77 DISTRICTS ASSESSED**

2.5%

Households
with Landline

0.6%

Households
with Internet

11.1%

Households
with Television

51.7%

Households
with Radio

48.1%

Households
with Mobile
Phone



Logistics Capacity

0  1 **SCORE: 0.486** **RANK: 58/77 DISTRICTS ASSESSED**

10

Road Density
(km per sq. km)

72.7%

Improved
Roadway

14.4

Average
Distance to
Airport (km)

398.5

Average
Distance to
Dry Port (km)

14.4

Average
Distance to
Warehouse
(km)

19.3

Average
Distance to
Police Station
(km)

11.0

Average
Distance to
Hospital (km)

4.66

Operational
Hospital Beds
(per 10,000)



Energy Capacity

0  1 **SCORE: 0.365** **RANK: 50 / 77 DISTRICTS ASSESSED**

48.0%

Households
with Electricity

2.7%

Households
using Gas for
Cooking



RESILIENCE (R)

RANK: 62 / 77 DISTRICTS ASSESSED

SCORE: 0.375

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

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



Food Insecurity



Economic Constraints



Communications Capacity



Energy 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.



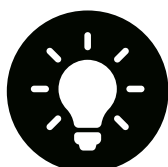
Economic Constraints

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.



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: 17 / 77 DISTRICTS ASSESSED

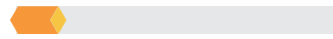
SCORE: 0.456



Extreme Heat

RANK: 46 / 77 DISTRICTS ASSESSED

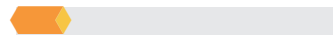
SCORE: 0.116



Fluvial Flood

RANK: 57 / 77 DISTRICTS ASSESSED

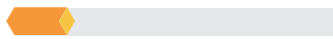
SCORE: 0.131



Pluvial Flood

RANK: 44 / 77 DISTRICTS ASSESSED

SCORE: 0.152



Landslide

RANK: 16 / 77 DISTRICTS ASSESSED

SCORE: 0.448



Wildfire

RANK: 2 / 77 DISTRICTS ASSESSED

SCORE: 0.497





MULTI-HAZARD RISK (MHR)

8 / 77RANK WITHIN DISTRICTS
Score: 0.631

Dadeldhura's score and ranking are due to High Multi-hazard Exposure combined with Very High Vulnerability and 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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