



THE PHILIPPINES

NORTHERN SAMAR

NDPBA PROVINCE PROFILE

THE PHILIPPINES

NORTHERN SAMAR

CAPITAL: CATARMAN

Area: 3,695 km²

Northern Samar is a province in the Philippines located in the Eastern Visayas region. Northern Samar is located at the northern portion of the island of Samar. Bordering the province to the south are the provinces of Samar and Eastern Samar. To the northwest, across the San Bernardino Strait is Sorsogon; to the east is the Philippine Sea and to the west is Samar Sea. The economy is largely agricultural with some tourism.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very High
Score: 0.588 • Rank: 3/84



RESILIENCE (R) - Very Low
Score: 0.433 • Rank: 78/84



MULTI-HAZARD EXPOSURE (MHE) - Medium
Score: 0.631 • Rank: 39/84



VULNERABILITY (V) - Very High
Score: 0.558 • Rank: 7/84



COPING CAPACITY (CC) - Very Low
Score: 0.425 • Rank: 78/84



Population (2018)
608,890



Population in Poverty
27.4%



Literate population
97.2%



Access to improved water
76.5%



Average life expectancy
67.1 years

*For more information on data and components please visit: <https://bit.ly/2LqVoUO>



MULTI-HAZARD EXPOSURE (MHE)

RANK: 40 / 84 PROVINCES
SCORE: 0.631



MHE
0.631

Raw MHE
0.57

Relative MHE
0.693

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

79%

478,310
\$2.5 Billion



Tsunami

32%

197,737
\$512.1 Million



Flood

61%

373,810
\$1.8 Billion



Liquefaction

50%

305,475
\$1.3 Billion



Landslide

8%

48,537
\$314.3 Million



Volcano

<1%

1,268
\$5.2 Million



Drought

-
-
-



Wildfire

-
-
-



Storm Surge

31%

186,533
\$296.4 Million



Typhoon Winds

100%

606,932
\$2.7 Billion



VULNERABILITY (V)

RANK: 7 / 84 PROVINCES ASSESSED
SCORE: 0.558

Vulnerability in Northern Samar is primarily driven by Economic Constraints and Clean Water Access Vulnerability. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0 1 **SCORE: 0.225** **RANK: 81/84 PROVINCES ASSESSED**

0.65 Livestock density
6.41 Barren land (per 10k hectares)
6.22% Forest cover change



Vulnerable Health Status

0 1 **SCORE: 0.669** **RANK: 5/84 PROVINCES ASSESSED**

9.5% Malnutrition among children (0 to 5 years old)
3.59 Infant mortality rate (per 1k live births)
64.44 Maternal mortality rate (per 100k live births)
67.06 Life expectancy
832 Disability (per 100k persons)

30.8 Tuberculosis mortality rate (per 100k persons)
0.2 HIV mortality rate (per 100k persons)
14.2 Intestinal disease mortality rate (per 100k persons)
0.6 Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



Clean Water Vulnerability

0 1 **SCORE: 0.688** **RANK: 12/84 PROVINCES ASSESSED**

76.5% Households with improved safe water source
69.2% Households with sanitary toilet facility




Information Access Vulnerability

0 1 **SCORE: 0.678** **RANK: 6/84 PROVINCES ASSESSED**

97.16% Literacy rate (age 10 and older)
116.95% Gross primary school enrollment rate
1.59% Internet Access
30.88% Households with radio
41.46% Households with television



Economic Constraints


0  1 **SCORE: 0.692** **RANK: 11/84** PROVINCES ASSESSED

0.73
Economic
dependency
ratio

27.39%
Poverty
incidence



Gender Inequality


0  1 **SCORE: 0.521** **RANK: 26/84** PROVINCES ASSESSED

1.13
Female to male
secondary school
enrollment Rate

0.51
Labor force
participation ratio



Population Pressures

0  1 **SCORE: 0.431** **RANK: 34/84** PROVINCES ASSESSED

1.36
Population
growth rate
(2010-2015)

12.72
Average annual
urban population
growth rate

1.7%
Informal settlers



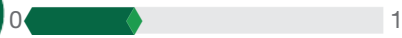
COPING CAPACITY (CC)

RANK: 78 / 84 PROVINCES ASSESSED
SCORE: 0.425

Northern Samar exhibits weaker Coping Capacity in the areas of Health Care Capacity and Economic Capacity. The bar chart indicates the socioeconomic themes contributing to the province's overall Coping Capacity score.



Economic Capacity



SCORE: 0.297 **RANK: 81/84 PROVINCES ASSESSED**

0.81

Purchasing power of the peso

58.74%

Labor force participation rate

1855.62

Local government annual regular income per capita (Philippine Peso)



Governance



SCORE: 0.641 **RANK: 41/84 PROVINCES ASSESSED**

83.6%

Voter participation

5.8

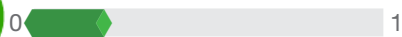
Organized violence (per 100k persons)

16.25%

Garbage pickup



Environmental Capacity



SCORE: 0.209 **RANK: 71/84 PROVINCES ASSESSED**

0

Protected areas (per 1k ha)

5.9%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.407** **RANK: 76/84** PROVINCES ASSESSED



Health Care Capacity **SCORE: 0.231** **RANK: 81/84** PROVINCES ASSESSED

3.3 Hospital beds (per 10k people)	1.07 Physicians per 10,000 people	54.51% Vaccination coverage	11.9 Average distance to nearest hospital (km)
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Transportation Capacity **SCORE: 0.32** **RANK: 71/84** PROVINCES ASSESSED

0.48 Road density (km per sq. km)	28.94 Average distance to nearest port (km)
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Communications Capacity **SCORE: 0.42** **RANK: 73/84** PROVINCES ASSESSED

1.2% Households with a landline	78.2% Mobile coverage
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Energy Capacity **SCORE: 0.525** **RANK: 61/84** PROVINCES ASSESSED

70.1% Households with electricity	12.6% Households with gas
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Emergency Services Capacity **SCORE: 0.541** **RANK: 28/84** PROVINCES ASSESSED

17.26 Evacuation centers (per 100k persons)	2.78 Fire Stations (per 100k persons)	3.4 Fire Trucks (per 100k persons)
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RESILIENCE (R)

RANK: 78 / 84 PROVINCES ASSESSED
SCORE: 0.433

Northern Samar'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:



Economic Constraints



Clean Water Access Vulnerability



Health Care Capacity



Economic Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 38 / 84 PROVINCES ASSESSED
SCORE: 0.276



Tsunami

RANK: 1 / 84 PROVINCES ASSESSED
SCORE: 0.538



Flood

RANK: 14 / 84 PROVINCES ASSESSED
SCORE: 0.288



Liquefaction

RANK: 18 / 84 PROVINCES ASSESSED
SCORE: 0.257



Landslide

RANK: 30 / 84 PROVINCES ASSESSED
SCORE: 0.255



Volcano

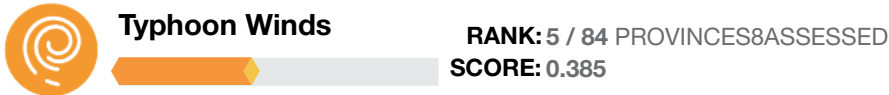
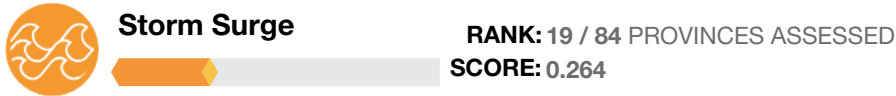
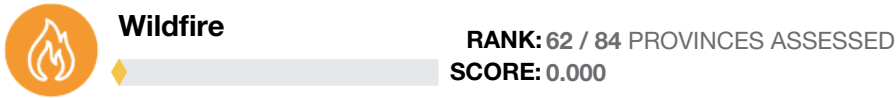
RANK: 36 / 84 PROVINCES ASSESSED
SCORE: 0.118



Drought

RANK: 58 / 84 PROVINCES ASSESSED
SCORE: 0.000

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

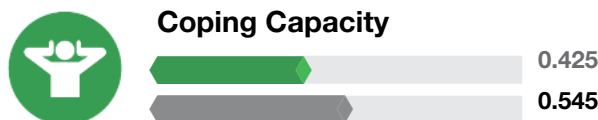
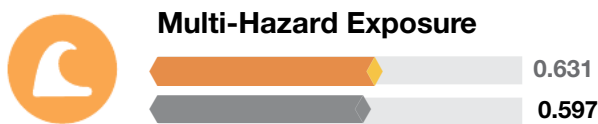
3 / 84
RANK WITHIN PROVINCES
Score: 0.588



Northern Samar’s score and ranking are due to Medium 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:

PROVINCE SCORE
COUNTRY SCORE



NORTHERN SAMAR RECOMMENDATIONS

1

Economic Constraints

- In Northern Samar, economic constraints are a major driver of vulnerability. Continue to work with local stakeholders and diverse partners to stimulate economic growth. Expand public assistance where possible to increase the availability of resources and options for low income individuals.
- Focus efforts on promoting industries that create gainful work, to prevent outmigration of the working age population. Invest in small and local businesses, especially in rural and remote areas.

2

Clean Water Access Vulnerability

- In Northern Samar, only 70% of households have access to sanitary toilet facilities. Focus on increasing clean water infrastructure especially in rural and remote areas to reduce health risks.
- The results show that in Northern Samar 61% of the population is exposed to flooding hazards. Invest in improved water and sanitation infrastructure to ensure safe access to water and increased resilience.

3

Health Care Capacity

- Health care capacity in Northern Samar ranks 79th out of 84 territories in the Philippines. There are 1.71 hospital beds per 10,000 persons, which is the 7th lowest in the country. Focus efforts on increasing the number of hospital beds and facilities readily available during normal conditions, as well as for surge capacity. Continue to work with local and international partners to increase funding and capacity. Invest in new and improved infrastructure, as well as the provision of medical supplies and increased skilled care personnel.
- Expand efforts to remove barriers to health care access, such as cost and distance. Importantly, ensure that all efforts reach rural and remote areas.

4

Economic Capacity

- Northern Samar ranked 81st out of the 84 territories in economic capacity. The labor force participation rate in Northern Samar is 58.7%, the 13th lowest in the Philippines. Continue to encourage programs that diversify the economy in Northern Samar to generate public revenue and create new job opportunities. Pursue policies that balance inflation rates and create equal opportunities for employment.
- Stimulate economic growth by creating policies that promote competition, private sector investment and attract industries that create higher paying jobs.

**Better solutions.
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