



THE PHILIPPINES

BOHOL

NDPBA PROVINCE PROFILE

THE PHILIPPINES

BOHOL

CAPITAL: CITY OF TAGBILARAN

Area: 4,773 km²

Bohol is an island province lying in the middle of the Visayas Region. It is the tenth largest individual island and also has administrative responsibilities for more than 75 other islands. The major economic driver is tourism. Because of its position to the west of several significant landmasses, it is often spa ed the worst impacts of cyclones and rainfall. However, the area is very seismically active, including a 2013 magnitude 7.2 earthquake that led to 156 fatalities.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Medium
Score: 0.493 • Rank: 48/84



RESILIENCE (R) - Medium
Score: 0.575 • Rank: 35/84



MULTI-HAZARD EXPOSURE (MHE) - Medium
Score: 0.629 • Rank: 40/84



VULNERABILITY (V) - Low
Score: 0.414 • Rank: 51/84



COPING CAPACITY (CC) - Medium
Score: 0.564 • Rank: 36/84



Population (2018)
1,287,607



Population in Poverty
15.2%



Literate population
98.4%



Access to improved water
89.7%



Average life expectancy
68.8 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 40 / 84 PROVINCES
SCORE: 0.629



MHE
0.629

Raw MHE
0.678

Relative MHE
0.58

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

77%

994,066
\$4.9 Billion



Tsunami

<1%

1,223
\$93,154



Flood

33%

426,130
\$2.2 Billion



Liquefaction

26%

338,355
\$1.5 Billion



Landslide

13%

162,730
\$695 Million



Volcano

<1%

2,366
\$10.6 Million



Drought

33%

421,062
\$2.2 Billion



Wildfire

3%

39,638
\$168.6 Million



Storm Surge

14%

181,013
\$411 Million



Typhoon Winds

100%

1,286,238
\$5.8 Billion



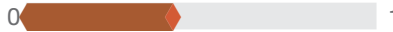
VULNERABILITY (V)

RANK: 51 / 84 PROVINCES ASSESSED
SCORE: 0.414

Vulnerability in Bohol is primarily driven by Vulnerable Health Status and Information Access Vulnerability. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.424** **RANK: 54/84** PROVINCES ASSESSED

2.95 Livestock density
3.42 Barren land (per 10k hectares)
2.34% Forest cover change



Vulnerable Health Status

0  1 **SCORE: 0.503** **RANK: 26/84** PROVINCES ASSESSED

8.5% Malnutrition among children (0 to 5 years old)
14.01 Infant mortality rate (per 1k live births)
19.12 Maternal mortality rate (per 100k live births)
68.8 Life expectancy
538 Disability (per 100k persons)

17.2 Tuberculosis mortality rate (per 100k persons)
0.2 HIV mortality rate (per 100k persons)
5.6 Intestinal disease mortality rate (per 100k persons)
1.6 Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



Clean Water Vulnerability

0  1 **SCORE: 0.432** **RANK: 38/84** PROVINCES ASSESSED

89.7% Households with improved safe water source
88.9% Households with sanitary toilet facility




Information Access Vulnerability

0  1 **SCORE: 0.45** **RANK: 48/84** PROVINCES ASSESSED

98.38% Literacy rate (age 10 and older)
110.74% Gross primary school enrollment rate
3.98% Internet Access
68.66% Households with radio
63.45% Households with television



Economic Constraints


0  1 **SCORE: 0.444** **RANK: 35/84** PROVINCES ASSESSED

0.66
Economic
dependency
ratio

15.23%
Poverty
incidence



Gender Inequality

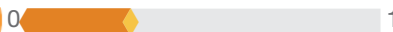
0  1 **SCORE: 0.348** **RANK: 60/84** PROVINCES ASSESSED

1.06
Female to male
secondary school
enrollment Rate

0.53
Labor force
participation ratio



Population Pressures

0  1 **SCORE: 0.301** **RANK: 76/84** PROVINCES ASSESSED

0.87
Population
growth rate
(2010-2015)

10
Average annual
urban population
growth rate

1.0%
Informal settlers



COPING CAPACITY (CC)

RANK: 36 / 84 PROVINCES ASSESSED
SCORE: 0.564

Bohol 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: 0.46 **RANK: 58/84 PROVINCES ASSESSED**

0.87

Purchasing power of the peso

64.28%

Labor force participation rate

1323.83

Local government annual regular income per capita (Philippine Peso)



Governance



SCORE: 0.72 **RANK: 16/84 PROVINCES ASSESSED**

86.8%

Voter participation

5.43

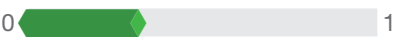
Organized violence (per 100k persons)

17.88%

Garbage pickup



Environmental Capacity



SCORE: 0.326 **RANK: 52/84 PROVINCES ASSESSED**

0

Protected areas (per 1k ha)

19.2%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.592** **RANK: 29/84** PROVINCES ASSESSED



Health Care Capacity **SCORE: 0.443** **RANK: 54/84** PROVINCES ASSESSED

7.92	1.78	61.33%	7.09
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



Transportation Capacity **SCORE: 0.618** **RANK: 21/84** PROVINCES ASSESSED

1.66	18.49
Road density (km per sq. km)	Average distance to nearest port (km)



Communications Capacity **SCORE: 0.715** **RANK: 37/84** PROVINCES ASSESSED

4.7%	90.9%
Households with a landline	Mobile coverage



Energy Capacity **SCORE: 0.551** **RANK: 56/84** PROVINCES ASSESSED

79.6%	8.2%
Households with electricity	Households with gas



Emergency Services Capacity **SCORE: 0.635** **RANK: 21/84** PROVINCES ASSESSED

56.46	3.07	3.52
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 35 / 84 PROVINCES ASSESSED
SCORE: 0.575

Bohol's score and ranking are due to Medium Vulnerability combined with Medium Coping Capacity scores.

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



Vulnerable Health Status



Information Access Vulnerability



Health Care Capacity



Economic Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 57 / 84 PROVINCES ASSESSED
SCORE: 0.228



Tsunami

RANK: 42 / 84 PROVINCES ASSESSED
SCORE: 0.063



Flood

RANK: 47 / 84 PROVINCES ASSESSED
SCORE: 0.165



Liquefaction

RANK: 53 / 84 PROVINCES ASSESSED
SCORE: 0.149



Landslide

RANK: 35 / 84 PROVINCES ASSESSED
SCORE: 0.250



Volcano

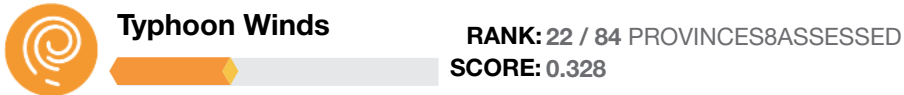
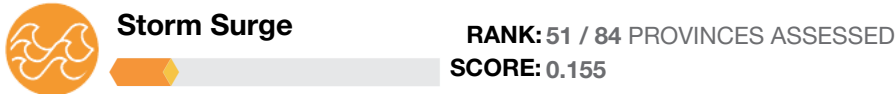
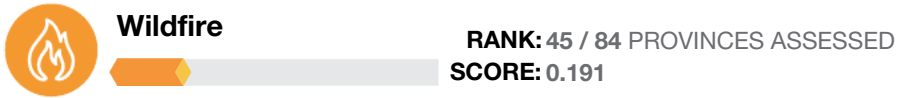
RANK: 44 / 84 PROVINCES ASSESSED
SCORE: 0.102



Drought

RANK: 32 / 84 PROVINCES ASSESSED
SCORE: 0.256

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

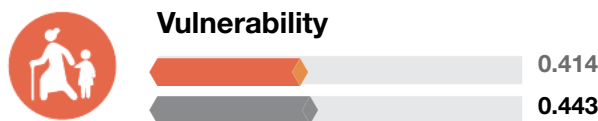
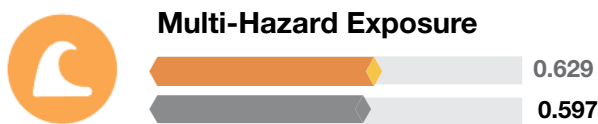
48 / 84
RANK WITHIN PROVINCES
Score: 0.493



Bohol's score and ranking are due to Medium Multi-hazard exposure combined with Low Vulnerability and Medium Coping Capacity scores.

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

PROVINCE SCORE
COUNTRY SCORE



BOHOL RECOMMENDATIONS

1

Vulnerable Health Status

- Bohol is ranked the 7th highest in the Philippines for infant mortality (14.01 deaths per 1,000 live births). Focus efforts on providing access to prenatal and postnatal care for all mothers especially in rural communities. With the province of Bohol comprising several islands, there is a need to ensure provision of services for populations in remote areas.
- Investments in health care capacity are also needed in Bohol. Partner with stakeholders and organizations to expand upon existing health care funding and capacities.

2

Information Access Vulnerability

- In Bohol many homes lack access to radios, television and internet. Public dissemination of information must take into consideration alternative means of getting messages across. Expand the use of stationary and emergency vehicle sirens, also ensuring the public is informed on what alarm systems are communicating and how to act. Work with private and public partners to ensure communities are able to receive critical information and communicate their needs during a disaster.
- Continue to promote education and basic literacy. With the COVID-19 pandemic impacting school capacities, work in rural and remote areas must consider resource needs.

3

Health Care Capacity

- Continue to work with local and international partners to increase health care 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

- Bohol ranked 58th out of the 84 territories in economic capacity. Continue to encourage programs that diversify the economy in Bohol to generate public revenue and create new job opportunities. Pursue policies that balance inflation rates and create equal opportunities for employment.
- Expand partnerships to increase funding and capacity within Bohol. Focus on health care capacity by investing in infrastructure and providing trainings for community members. Reducing health burdens of the population may help increase labor force participation rates and the amount of available social welfare funds.

**Better solutions.
Fewer disasters.**

Safer world.

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