



THE PHILIPPINES

PALAWAN

NDPBA PROVINCE PROFILE

THE PHILIPPINES

PALAWAN

CAPITAL: CITY OF PUERTO PRINCESA

Area: 14,650 km²

Palawan is a province of the Philippines that is located in the region of Mimaropa. It is the largest province in the country. The islands of Palawan lie between the Sulu and South China Sea. The province contains Palawan island and a number of other smaller outlying islands. The province has two types of climate. The first, occurring in the northern and southern extremities and the entire western coast, has two distinct seasons – six months dry, and six months wet. The other climate, occurring on the eastern coast, has a short dry season of one to three months and no pronounced rainy period during the rest of the year. The economy is largely agricultural with three major crops being rice, corn, and coconut.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Low
Score: 0.483 • Rank: 54/84



RESILIENCE (R) - Low
Score: 0.516 • Rank: 65/84



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.48 • Rank: 69/84



VULNERABILITY (V) - Very High
Score: 0.539 • Rank: 10/84



COPING CAPACITY (CC) - High
Score: 0.571 • Rank: 31/84



Population (2018)
1,174,993



Population in Poverty
8.4%



Literate population
95.7%



Access to improved water
72.3%



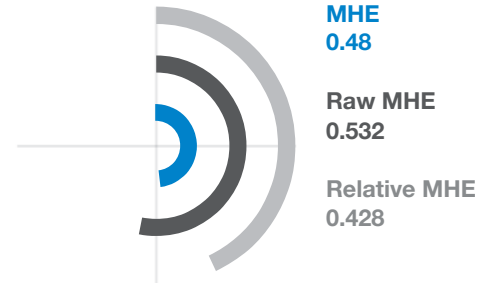
Average life expectancy
67.2 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 69 / 84 PROVINCES
SCORE: 0.48



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

0%

—
—



Tsunami

2%

— 28,707
\$10.2 Million



Flood

48%

— 561,330
\$1.1 Billion



Liquefaction

34%

— 395,160
\$679 Million



Landslide

12%

— 140,555
\$310.1 Million



Volcano

—

—
—



Drought

56%

— 659,707
\$1.5 Billion



Wildfire

5%

— 56,465
\$154 Million



Storm Surge

23%

— 265,452
\$321 Million



Typhoon Winds

61%

— 711,283
\$1.1 Billion




VULNERABILITY (V)

RANK: 10 / 84 PROVINCES ASSESSED
SCORE: 0.539

Vulnerability in Palawan is primarily driven by Clean Water Access Vulnerability and Gender Inequality. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.478** **RANK: 40/84 PROVINCES ASSESSED**

1.26 Livestock density	12.41 Barren land (per 10k hectares)	-0.59% Forest cover change
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Vulnerable Health Status

0  1 **SCORE: 0.531** **RANK: 19/84 PROVINCES ASSESSED**

12.4% Malnutrition among children (0 to 5 years old)	9.01 Infant mortality rate (per 1k live births)	114.87 Maternal mortality rate (per 100k live births)	67.24 Life expectancy	465 Disability (per 100k persons)
20.6 Tuberculosis mortality rate (per 100k persons)	0 HIV mortality rate (per 100k persons)	4 Intestinal disease mortality rate (per 100k persons)	0.9 Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)	



Clean Water Vulnerability

0  1 **SCORE: 0.704** **RANK: 11/84 PROVINCES ASSESSED**

72.3% Households with improved safe water source	69.5% Households with sanitary toilet facility
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Information Access Vulnerability

0  1 **SCORE: 0.565** **RANK: 18/84 PROVINCES ASSESSED**

95.69% Literacy rate (age 10 and older)	125.00% Gross primary school enrollment rate	2.45% Internet Access	53.63% Households with radio	41.56% Households with television
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Economic Constraints


0  1 **SCORE: 0.347** **RANK: 49/84** PROVINCES ASSESSED

0.65
Economic
dependency
ratio

8.43%
Poverty
incidence



Gender Inequality

0  1 **SCORE: 0.584** **RANK: 13/84** PROVINCES ASSESSED

1.09
Female to male
secondary school
enrollment Rate

0.36
Labor force
participation ratio



Population Pressures

0  1 **SCORE: 0.564** **RANK: 9/84** PROVINCES ASSESSED

2.23
Population
growth rate
(2010-2015)

7.32
Average annual
urban population
growth rate

2.8%
Informal settlers




COPING CAPACITY (CC)

RANK: 31 / 84 PROVINCES ASSESSED
SCORE: 0.571

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



Economic Capacity

0  1 **SCORE: 0.596** **RANK: 26/84 PROVINCES ASSESSED**

0.88

Purchasing power of the peso

69.87%

Labor force participation rate

1941.27

Local government annual regular income per capita (Philippine Peso)



Governance

0  1 **SCORE: 0.642** **RANK: 40/84 PROVINCES ASSESSED**

80.6%

Voter participation

3.07

Organized violence (per 100k persons)

22.65%

Garbage pickup



Environmental Capacity

0  1 **SCORE: 0.724** **RANK: 3/84 PROVINCES ASSESSED**

533.06

Protected areas (per 1k ha)

6.9%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.423 RANK: 69/84 PROVINCES ASSESSED**



Health Care Capacity SCORE: 0.294 RANK: 75/84 PROVINCES ASSESSED

7.08 **0.9** **68.18%** **15.2**
 Hospital beds (per 10k people) Physicians per 10,000 people Vaccination coverage Average distance to nearest hospital (km)



Transportation Capacity SCORE: 0.393 RANK: 65/84 PROVINCES ASSESSED

0.52 **22.59**
 Road density (km per sq. km) Average distance to nearest port (km)



Communications Capacity SCORE: 0.69 RANK: 42/84 PROVINCES ASSESSED

1.4% **98.6%**
 Households with a landline Mobile coverage



Energy Capacity SCORE: 0.358 RANK: 75/84 PROVINCES ASSESSED

53.2% **10.5%**
 Households with electricity Households with gas



Emergency Services Capacity SCORE: 0.382 RANK: 57/84 PROVINCES ASSESSED

36.37 **0.96** **2.43**
 Evacuation centers (per 100k persons) Fire Stations (per 100k persons) Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 65 / 84 PROVINCES ASSESSED
SCORE: 0.516

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

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



Clean Water Access Vulnerability



Gender Inequality



Health Care Capacity



Energy Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 79 / 84 PROVINCES ASSESSED
SCORE: 0.000



Tsunami

RANK: 12 / 84 PROVINCES ASSESSED
SCORE: 0.163



Flood

RANK: 33 / 84 PROVINCES ASSESSED
SCORE: 0.211



Liquefaction

RANK: 45 / 84 PROVINCES ASSESSED
SCORE: 0.175



Landslide

RANK: 24 / 84 PROVINCES ASSESSED
SCORE: 0.262



Volcano

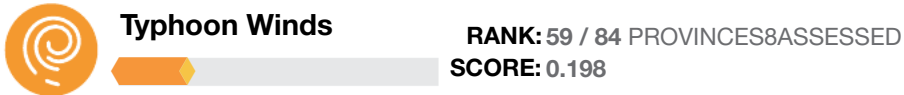
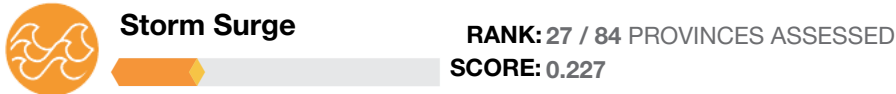
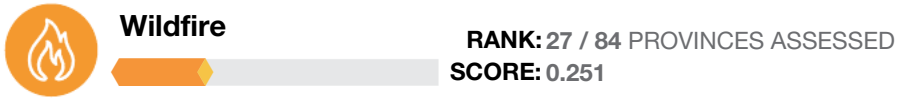
RANK: 68 / 84 PROVINCES ASSESSED
SCORE: 0



Drought

RANK: 22 / 84 PROVINCES ASSESSED
SCORE: 0.356

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

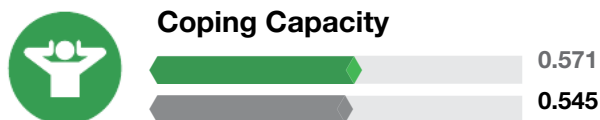
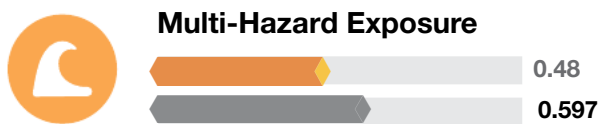
53 / 84
RANK WITHIN PROVINCES
Score: 0.483



Palawan’s score and ranking are due to Very Low Multi-hazard exposure combined with Very High Vulnerability and High Coping Capacity scores.

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

PROVINCE SCORE
COUNTRY SCORE



PALAWAN RECOMMENDATIONS

1

Clean Water Access Vulnerability

- Focus efforts in Palawan on improved water and sanitation infrastructure, as clean water access is a major driver of vulnerability.
- The results show that in Palawan 56% of the population is exposed to drought hazards and 48% are exposed to floods. Droughts and floods negatively impact surface water availability and quality. Invest in improved drinking water and sanitation infrastructure, especially in rural and remote areas to reduce health risks.

2

Gender Inequality

- Continue efforts to monitor and reduce gender-based discrimination and bias. Focus efforts on enforcing equal employment opportunities and empowering women to continue their education. Build upon existing accomplishments, including the work related to the UN Sustainable Development Goals.
- Actively engage women and other marginalized groups in disaster management and community plans. Provide equal opportunities throughout society to reduce disparities and incorporate feedback mechanisms into policies and programs to ensure effective implementation.

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

Energy Capacity

- Palawan ranked 75th out of the 84 territories for energy capacity, with only 53.2% of households having access to electricity. Additionally, only 10.5% of households have access to liquid petroleum gas lines. Invest in energy infrastructure and expand access to homes. Energy lines should be carefully engineered to be resilient to coastal, as well as inland hazards. With backup mechanisms put in place to increase redundancy in the system.
- Work with local and international partners to ensure energy expansion projects provide affordable and equitable access, especially in rural communities.

**Better solutions.
Fewer disasters.**

Safer world.

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