



**THE PHILIPPINES** 

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**CAMIGUIN**

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**NDPBA PROVINCE PROFILE**

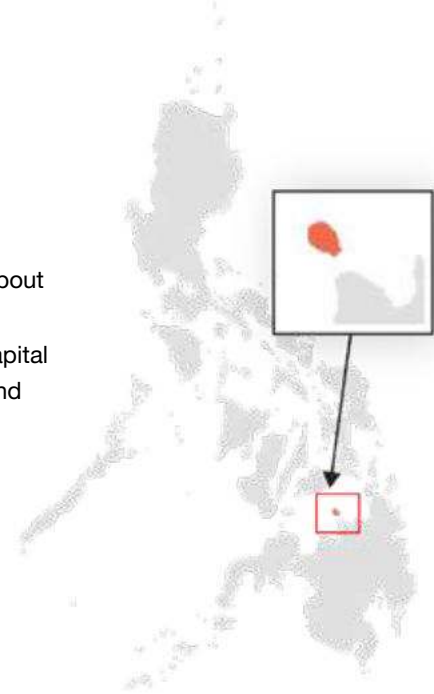
# THE PHILIPPINES

## CAMIGUIN

### CAPITAL: MAMBAJAO

Area: 241 km<sup>2</sup>

Camiguin is an island province in the Philippines located in the Bohol Sea, about 10 kilometers off the northern coast of Mindanao. It is the second-smallest province in the country in both population and land area after Batanes. Its capital is Mambajao, which is also the province's largest municipality in both area and population. The economy of the island is based on fishing and farming. The province is located with the typhoon belt and contains the active volcano Hibok-hibok.



## RISK AND VULNERABILITY COMPONENT SCORE



**MULTI-HAZARD RISK (MHR) - Very Low**  
Score: 0.358 • Rank: 82/84



**RESILIENCE (R) - Very High**  
Score: 0.639 • Rank: 11/84



**MULTI-HAZARD EXPOSURE (MHE) - Very Low**  
Score: 0.351 • Rank: 77/84



**VULNERABILITY (V) - Low**  
Score: 0.372 • Rank: 64/84



**COPING CAPACITY (CC) - Very High**  
Score: 0.649 • Rank: 7/84



Population (2018)  
**87,950**



Population in Poverty  
**17.3%**



Literate population  
**99.3%**



Access to improved water  
**99.4%**



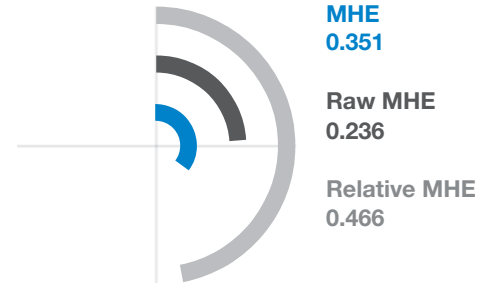
Average life expectancy  
**68.0 years**

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



## MULTI-HAZARD EXPOSURE (MHE)

**RANK: 77 / 84 PROVINCES**  
**SCORE: 0.351**



### ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

**0%**

—  
—



Tsunami

—

—  
—



Flood

**19%**

**16,368**  
**\$183.9 Million**



Liquefaction

**35%**

**30,487**  
**\$84.2 Million**



Landslide

**10%**

**9,032**  
**\$82.3 Million**



Volcano

**60%**

**52,365**  
**\$499.7 Million**



Drought

**18%**

**16,167**  
**\$106.1 Million**



Wildfire

—

—  
—



Storm Surge

**23%**

**20,074**  
**\$175.7 Million**



Typhoon Winds

**100%**

**87,759**  
**\$769.3 Million**



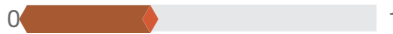
## VULNERABILITY (V)

**RANK: 64 / 84 PROVINCES ASSESSED**  
**SCORE: 0.372**

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



### Environmental Stress

0  1 **SCORE: 0.358** **RANK: 64/84** PROVINCES ASSESSED

<b>2.89</b> Livestock density	<b>20.32</b> Barren land (per 10k hectares)	<b>9.27%</b> Forest cover change
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### Vulnerable Health Status

0  1 **SCORE: 0.485** **RANK: 27/84** PROVINCES ASSESSED

<b>0.0%</b> Malnutrition among children (0 to 5 years old)	<b>14.61</b> Infant mortality rate (per 1k live births)	<b>73.05</b> Maternal mortality rate (per 100k live births)	<b>67.99</b> Life expectancy	<b>536</b> Disability (per 100k persons)
<b>20</b> Tuberculosis mortality rate (per 100k persons)	<b>0</b> HIV mortality rate (per 100k persons)	<b>6.7</b> Intestinal disease mortality rate (per 100k persons)	<b>2.2</b> Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)	



### Clean Water Vulnerability

0  1 **SCORE: 0.106** **RANK: 80/84** PROVINCES ASSESSED

<b>99.4%</b> Households with improved safe water source	<b>94.2%</b> Households with sanitary toilet facility
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### Information Access Vulnerability

0  1 **SCORE: 0.428** **RANK: 51/84** PROVINCES ASSESSED

<b>99.26%</b> Literacy rate (age 10 and older)	<b>122.01%</b> Gross primary school enrollment rate	<b>2.94%</b> Internet Access	<b>53.74%</b> Households with radio	<b>62.13%</b> Households with television
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### Economic Constraints



SCORE: 0.49

RANK: 33/84 PROVINCES ASSESSED

**0.67**

Economic  
dependency  
ratio

**17.34%**

Poverty  
incidence



### Gender Inequality



SCORE: 0.387

RANK: 56/84 PROVINCES ASSESSED

**0.93**

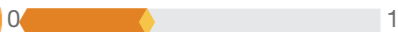
Female to male  
secondary school  
enrollment Rate

**0.51**

Labor force  
participation ratio



### Population Pressures



SCORE: 0.349

RANK: 63/84 PROVINCES ASSESSED

**1.04**

Population  
growth rate  
(2010-2015)

**16.94**

Average annual  
urban population  
growth rate

**0.7%**

Informal settlers



## COPING CAPACITY (CC)

**RANK: 7 / 84 PROVINCES ASSESSED**  
**SCORE: 0.649**

Camiguin 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



**SCORE: 0.667** **RANK: 15/84 PROVINCES ASSESSED**

**0.89**

Purchasing power of the peso

**64.34%**

Labor force participation rate

**4667.39**

Local government annual regular income per capita (Philippine Peso)



### Governance



**SCORE: 0.778** **RANK: 2/84 PROVINCES ASSESSED**

**86.7%**

Voter participation

**0**

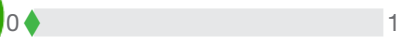
Organized violence (per 100k persons)

**16.88%**

Garbage pickup



### Environmental Capacity



**SCORE: 0** **RANK: 77/84 PROVINCES ASSESSED**

**0**

Protected areas (per 1k ha)

**0.0%**

Forest reserves



### Infrastructure Capacity

0  1 **SCORE: 0.719** **RANK: 4/84** PROVINCES ASSESSED



### Health Care Capacity **SCORE: 0.542** **RANK: 32/84** PROVINCES ASSESSED

<b>11</b>	<b>2.44</b>	<b>58.65%</b>	<b>3.51</b>
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



### Transportation Capacity **SCORE: 0.746** **RANK: 9/84** PROVINCES ASSESSED

<b>1.59</b>	<b>4.78</b>
Road density (km per sq. km)	Average distance to nearest port (km)



### Communications Capacity **SCORE: 0.788** **RANK: 23/84** PROVINCES ASSESSED

<b>3.9%</b>	<b>98.3%</b>
Households with a landline	Mobile coverage



### Energy Capacity **SCORE: 0.567** **RANK: 53/84** PROVINCES ASSESSED

<b>80.3%</b>	<b>9.0%</b>
Households with electricity	Households with gas



### Emergency Services Capacity **SCORE: 0.952** **RANK: 3/84** PROVINCES ASSESSED

<b>122.18</b>	<b>5.55</b>	<b>9.99</b>
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



## RESILIENCE (R)

**RANK: 11 / 84 PROVINCES ASSESSED**  
**SCORE: 0.639**

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

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



**Economic Constraints**



**Vulnerable Health Status**



**Health Care Capacity**



**Energy Capacity**



## HAZARD-SPECIFIC RISK (HSR)



**Earthquake**

**RANK: 79 / 84 PROVINCES ASSESSED**  
**SCORE: 0.000**



**Tsunami**

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



**Flood**

**RANK: 67 / 84 PROVINCES ASSESSED**  
**SCORE: 0.057**



**Liquefaction**

**RANK: 69 / 84 PROVINCES ASSESSED**  
**SCORE: 0.071**



**Landslide**

**RANK: 70 / 84 PROVINCES ASSESSED**  
**SCORE: 0.133**



**Volcano**

**RANK: 8 / 84 PROVINCES ASSESSED**  
**SCORE: 0.334**

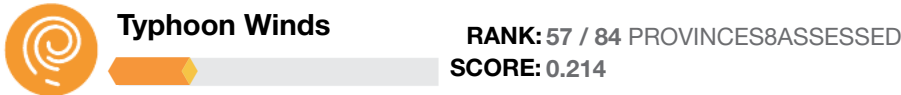
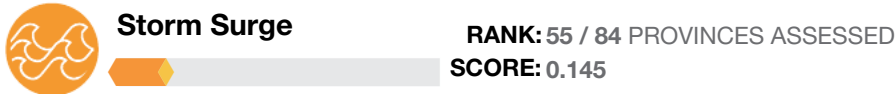
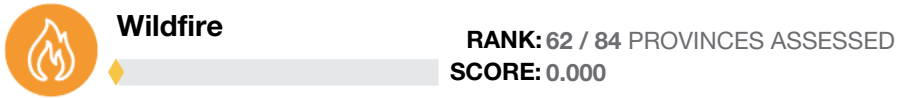


**Drought**

**RANK: 50 / 84 PROVINCES ASSESSED**  
**SCORE: 0.133**

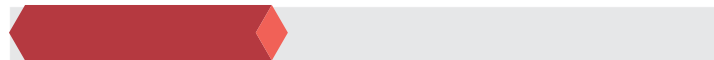


**(HAZARD-SPECIFIC RISK CONTINUED)**



**MULTI-HAZARD RISK (MHR)**

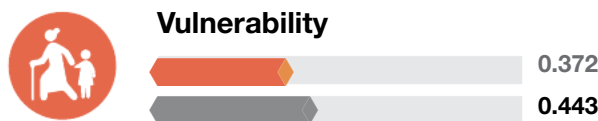
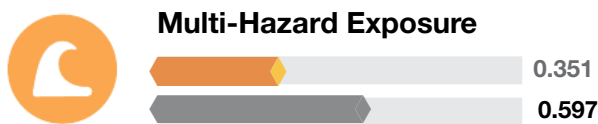
**82 / 84**  
RANK WITHIN PROVINCES  
Score: 0.358



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

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

PROVINCE SCORE  
COUNTRY SCORE



# CAMIGUIN RECOMMENDATIONS

## 1

### Economic Constraints

- 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. Enforce policies to ensure equal opportunity employment for all constituents.

## 2

### Vulnerable Health Status

- Camiguin is ranked the 6th highest in the Philippines for infant mortality (14.61 deaths per 1,000 live births). Focus efforts on providing access to prenatal and postnatal care for all mothers especially in rural communities.
- Continue efforts in community outreach, increased access to health care and other public health interventions. Sustain monitoring and control programs for communicable diseases.

## 3

### Health Care Capacity

- Although Camiguin ranked relatively high for health care capacity, high infant mortality rates indicate a need to expand services for mothers (14.61 deaths per 1,000 live births). Additionally, Immunization coverage in Camiguin is 58.7%. Focus efforts on expanding publicly funded services for child and maternal health, including vaccination and nutrition programs. 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.

# 4

## Energy Capacity

- Camiguin ranked 53rd in energy capacity. The findings show that 80% of households have access to electricity and 9% have access to liquid petroleum gas lines. Being a small island province, importing energy sources is more complicated. Focus efforts on increasing household access and reinforcing energy infrastructure. Looking at underground energy cables or backup generators may be alternative projects as nearly the entire population is exposed to typhoon winds.
- Expand private-public partnerships to ensure energy expansion projects provide affordable and equitable access.

**Better solutions.  
Fewer disasters.**

# Safer world.

**1305 N Holopono Street  
Suite 2, Kihei, HI 9675 3**

**P: (808) 891-0525  
F: (808) 891-0526**



**@PDC\_Global**



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**www.pdc.prg**



**ndpba@pdc.org**