



**THE PHILIPPINES**

**CEBU**

**NDPBA PROVINCE PROFILE**

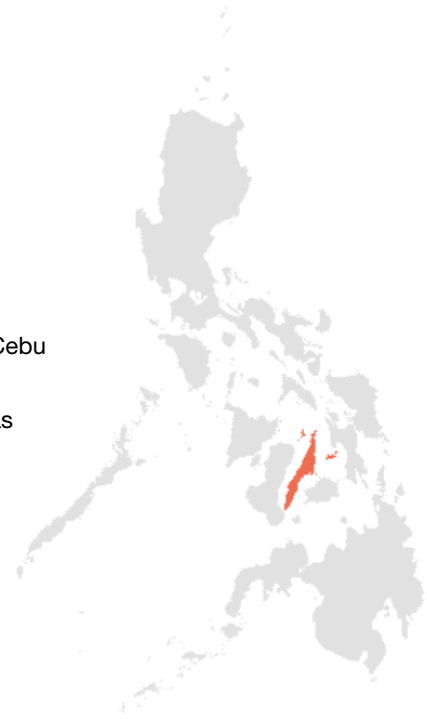
# THE PHILIPPINES

## CEBU

### CAPITAL: CITY OF CEBU

Area: 5,342 km<sup>2</sup>

Cebu is a province of the Philippines located in the Central Visayas region and consists of a main island and 167 surrounding islands and islets. Its capital is Cebu City, the oldest city and first capital of the Philippines. The Cebu Metropolitan Area is the second largest metropolitan area in the Philippines with Cebu City as the main center of commerce, trade, education and industry in the Visayas. It is a global hub for business processing services, tourism, shipping, furniture-making, and heavy industry. The province lays within the typhoon belt. Infectious diseases have also been taking a toll on the province and in the midst of the COVID-19 pandemic, Cebu is one of the provinces that has also experienced and outbreak of Polio.



## RISK AND VULNERABILITY COMPONENT SCORE



**MULTI-HAZARD RISK (MHR) - Very High**  
Score: 0.586 • Rank: 5/84



**RESILIENCE (R) - Low**  
Score: 0.542 • Rank: 56/84



**MULTI-HAZARD EXPOSURE (MHE) - Very High**  
Score: 0.841 • Rank: 4/84



**VULNERABILITY (V) - High**  
Score: 0.486 • Rank: 23/84



**COPING CAPACITY (CC) - High**  
Score: 0.570 • Rank: 33/84



Population (2018)  
**4,756,594**



Population in Poverty  
**11.1%**



Literate population  
**98.6%**



Access to improved water  
**63.7%**



Average life expectancy  
**69.4 years**

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



## MULTI-HAZARD EXPOSURE (MHE)

RANK: 4 / 84 PROVINCES  
SCORE: 0.841



MHE  
0.841

Raw MHE  
0.919

Relative MHE  
0.764

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



Earthquake

**75%**

**3,549,031**  
**\$13 Billion**



Tsunami

**<1%**

**15,164**  
**\$1.4 Million**



Flood

**45%**

**2,153,283**  
**\$8.1 Billion**



Liquefaction

**51%**

**2,446,066**  
**\$9.3 Billion**



Landslide

**15%**

**727,975**  
**\$2.1 Billion**



Volcano

**<1%**

**13,556**  
**\$44.7 Million**



Drought

**62%**

**2,933,732**  
**\$11.8 Billion**



Wildfire

**1%**

**60,173**  
**\$117.3 Million**



Storm Surge

**20%**

**943,163**  
**\$1.6 Billion**



Typhoon Winds

**100%**

**4,754,466**  
**\$15.3 Billion**



## VULNERABILITY (V)

**RANK: 23 / 84 PROVINCES ASSESSED**  
**SCORE: 0.486**

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



### Environmental Stress

0  1 **SCORE: 0.646** **RANK: 9/84 PROVINCES ASSESSED**

**7.26** Livestock density  
**33.7** Barren land (per 10k hectares)  
**1.68%** Forest cover change



### Vulnerable Health Status

0  1 **SCORE: 0.452** **RANK: 38/84 PROVINCES ASSESSED**

**7.1%** Malnutrition among children (0 to 5 years old)  
**3.83** Infant mortality rate (per 1k live births)  
**31.25** Maternal mortality rate (per 100k live births)  
**69.4** Life expectancy  
**368** Disability (per 100k persons)

**17.3** Tuberculosis mortality rate (per 100k persons)  
**0.3** HIV mortality rate (per 100k persons)  
**7.2** Intestinal disease mortality rate (per 100k persons)  
**6.1** Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



### Clean Water Vulnerability

0  1 **SCORE: 0.808** **RANK: 6/84 PROVINCES ASSESSED**

**63.7%** Households with improved safe water source  
**52.7%** Households with sanitary toilet facility



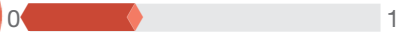
### Information Access Vulnerability

0  1 **SCORE: 0.328** **RANK: 72/84 PROVINCES ASSESSED**

**98.55%** Literacy rate (age 10 and older)  
**115.24%** Gross primary school enrollment rate  
**10.80%** Internet Access  
**64.65%** Households with radio  
**71.19%** Households with television



### Economic Constraints



SCORE: 0.309

RANK: 55/84 PROVINCES ASSESSED

**0.59**

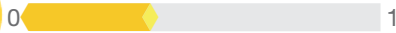
Economic dependency ratio

**11.11%**

Poverty incidence



### Gender Inequality



SCORE: 0.354

RANK: 59/84 PROVINCES ASSESSED

**1.07**

Female to male secondary school enrollment Rate

**0.53**

Labor force participation ratio



### Population Pressures



SCORE: 0.506

RANK: 15/84 PROVINCES ASSESSED

**2.02**

Population growth rate (2010-2015)

**3.63**

Average annual urban population growth rate

**2.8%**

Informal settlers



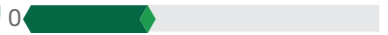
## COPING CAPACITY (CC)

**RANK: 33 / 84 PROVINCES ASSESSED**  
**SCORE: 0.570**

Cebu exhibits weaker Coping Capacity in the areas of Emergency Services Capacity and Economic Capacity. The bar chart indicates the socioeconomic themes contributing to the province's overall Coping Capacity score.



### Economic Capacity

0  1 **SCORE: 0.339** **RANK: 79/84 PROVINCES ASSESSED**

**0.86**

Purchasing power of the peso

**63.54%**


Labor force participation rate

**649.33**

Local government annual regular income per capita (Philippine Peso)



### Governance

0  1 **SCORE: 0.706** **RANK: 21/84 PROVINCES ASSESSED**

**85.0%**

Voter participation

**10.38**


Organized violence (per 100k persons)

**46.54%**

Garbage pickup



### Environmental Capacity

0  1 **SCORE: 0.567** **RANK: 12/84 PROVINCES ASSESSED**

**27**

Protected areas (per 1k ha)

**15.2%**

Forest reserves



**Infrastructure Capacity**

0 1 **SCORE: 0.665 RANK: 17/84 PROVINCES ASSESSED**



**Health Care Capacity SCORE: 0.588 RANK: 20/84 PROVINCES ASSESSED**

<b>10.59</b>	<b>3.04</b>	<b>65.88%</b>	<b>4.77</b>
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



**Transportation Capacity SCORE: 0.755 RANK: 8/84 PROVINCES ASSESSED**

<b>2.65</b>	<b>12.12</b>
Road density (km per sq. km)	Average distance to nearest port (km)



**Communications Capacity SCORE: 0.885 RANK: 6/84 PROVINCES ASSESSED**

<b>12.4%</b>	<b>96.7%</b>
Households with a landline	Mobile coverage



**Energy Capacity SCORE: 0.765 RANK: 21/84 PROVINCES ASSESSED**

<b>86.9%</b>	<b>26.7%</b>
Households with electricity	Households with gas



**Emergency Services Capacity SCORE: 0.329 RANK: 67/84 PROVINCES ASSESSED**

<b>15.01</b>	<b>1.16</b>	<b>1.89</b>
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



## RESILIENCE (R)

**RANK: 56 / 84 PROVINCES ASSESSED**  
**SCORE: 0.542**

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

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



Clean Water  
Access  
Vulnerability



Environmental  
Stress



Emergency  
Services Capacity



Economic Capacity



## HAZARD-SPECIFIC RISK (HSR)



**Earthquake**

**RANK: 14 / 84 PROVINCES ASSESSED**  
**SCORE: 0.354**



**Tsunami**

**RANK: 29 / 84 PROVINCES ASSESSED**  
**SCORE: 0.106**



**Flood**

**RANK: 11 / 84 PROVINCES ASSESSED**  
**SCORE: 0.310**



**Liquefaction**

**RANK: 5 / 84 PROVINCES ASSESSED**  
**SCORE: 0.343**



**Landslide**

**RANK: 5 / 84 PROVINCES ASSESSED**  
**SCORE: 0.370**



**Volcano**

**RANK: 22 / 84 PROVINCES ASSESSED**  
**SCORE: 0.149**

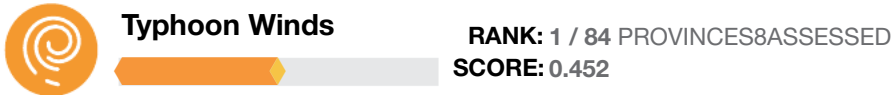
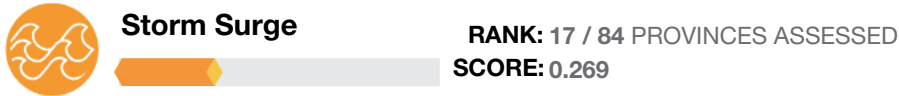
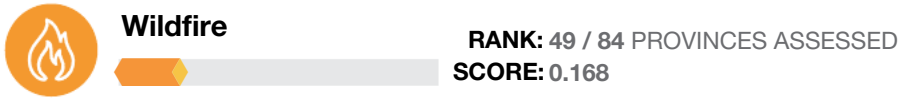


**Drought**

**RANK: 16 / 84 PROVINCES ASSESSED**  
**SCORE: 0.387**



**(HAZARD-SPECIFIC RISK CONTINUED)**



**MULTI-HAZARD RISK (MHR)**

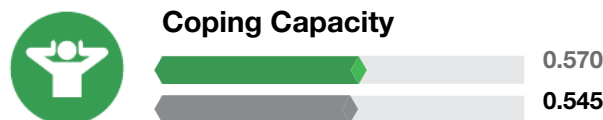
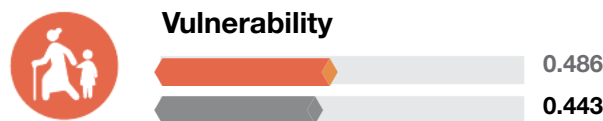
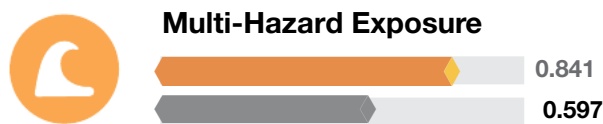
**5 / 84**  
RANK WITHIN PROVINCES  
Score: 0.586



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

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

PROVINCE SCORE  
COUNTRY SCORE



## CEBU RECOMMENDATIONS

# 1

### Clean Water Access Vulnerability

- In Cebu, only 63% of households have access to improved water sources, which is the 6th lowest in the Philippines. Focus on increasing clean water infrastructure especially in rural and remote areas to reduce health risks.
- Cebu is ranked 4th highest in the Philippines for multi-hazard exposure. The province is also vulnerable to environmental stresses, which can exacerbate hazard impacts. Invest in improved drinking water and sanitation infrastructure to increase resilience and reduce hazard risks.

# 2

### Environmental Stress

- Cebu is ranked 4th highest for multi-hazard exposure and 5th highest in multi-hazard risk. Expand efforts to improve environmental conditions through increased reforestation and greening projects. Focus efforts on watersheds and other critical ecosystems that support the population. Ensure development and tourism in Cebu continues in an eco-conscious manner.

# 3

### Emergency Services Capacity

- Continue to support evidence-based preparedness and response coordination, including the provision of emergency equipment and supplies. Additionally, increase efforts to have a central database that makes sub-national data on disaster management capabilities and resources more accessible. Increasing transparency through sharing data will ensure efficient and effective coordination at all levels of government, as well as with partners.

# 4

## Economic Capacity

- Cebu ranked 79th out of the 84 territories in economic capacity. Local government annual regular income in Cebu is 649.3 pesos per capita, which is the 2nd lowest in the Philippines. Continue to encourage programs that diversify the economy in Cebu to generate public revenue and create new job opportunities. Pursue policies that balance inflation rates and create equal opportunities for employment.
- Findings show that Cebu has the 5th highest multi-hazard risk score in the Philippines. Work with partners to increase funds and build capacity, focus areas should include disaster financing, emergency services and access to clean water.

**Better solutions.  
Fewer disasters.**

# Safer world.

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