



THE PHILIPPINES

**AKLAN**

**NDPBA PROVINCE PROFILE**

# THE PHILIPPINES

## AKLAN

### CAPITAL: KALIBO

Area: 1,760 km<sup>2</sup>

Aklan Province is located on the interior coast of the central Philippine Archipelago on the island of Panay. It ranges from steep mountains in the south to an extensive, but sheltered, 155km coastline. The size of the population in Aklan ranks in as the second smallest in region (Western Visayas). There are three fault lines that intersect Aklan, but no active volcanoes. There are many inland water sources with ample coastlines and marshlands along them. Flooding is a major hazard for Aklan and threatens the population along with the economic stability. The province depends heavily on agriculture growing palay, coconut and rice as primary crops. Tourism also brings in revenue for Aklan.



## RISK AND VULNERABILITY COMPONENT SCORE



**MULTI-HAZARD RISK (MHR) - Low**  
Score: 0.482 • Rank: 55/84



**RESILIENCE (R) - High**  
Score: 0.599 • Rank: 24/84



**MULTI-HAZARD EXPOSURE (MHE) - Medium**  
Score: 0.644 • Rank: 34/84



**VULNERABILITY (V) - Low**  
Score: 0.385 • Rank: 60/84



**COPING CAPACITY (CC) - High**  
Score: 0.582 • Rank: 28/84



Population (2018)  
**591,193**



Population in Poverty  
**8.8%**



Literate population  
**98.1%**



Access to improved water  
**91.7%**



Average life expectancy  
**68.2 years**

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



## MULTI-HAZARD EXPOSURE (MHE)

RANK: 34 / 84 PROVINCES  
SCORE: 0.644



MHE  
0.644

Raw MHE  
0.569

Relative MHE  
0.718

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



Earthquake

**84%**

495,109  
\$2.4 Billion



Tsunami

**<1%**

357  
-



Flood

**73%**

434,256  
\$2 Billion



Liquefaction

**59%**

348,101  
\$1.8 Billion



Landslide

**8%**

49,998  
\$205.2 Million



Volcano

-  
-  
-



Drought

-  
-  
-



Wildfire

-  
-  
-



Storm Surge

**30%**

178,544  
\$651.1 Million



Typhoon Winds

**100%**

590,461  
\$2.6 Billion




## VULNERABILITY (V)

**RANK: 60 / 84 PROVINCES ASSESSED**  
**SCORE: 0.385**

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



### Environmental Stress

0  1 **SCORE: 0.585** **RANK: 23/84 PROVINCES ASSESSED**

**2.92** Livestock density  
**34.52** Barren land (per 10k hectares)  
**0.71%** Forest cover change



### Vulnerable Health Status

0  1 **SCORE: 0.523** **RANK: 21/84 PROVINCES ASSESSED**

**9.4%** Malnutrition among children (0 to 5 years old)  
**11.41** Infant mortality rate (per 1k live births)  
**118.45** Maternal mortality rate (per 100k live births)  
**68.2** Life expectancy  
**472** Disability (per 100k persons)

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



### Clean Water Vulnerability

0  1 **SCORE: 0.378** **RANK: 49/84 PROVINCES ASSESSED**

**91.7%** Households with improved safe water source  
**90.9%** Households with sanitary toilet facility




### Information Access Vulnerability

0  1 **SCORE: 0.401** **RANK: 59/84 PROVINCES ASSESSED**

**98.08%** Literacy rate (age 10 and older)  
**113.32%** Gross primary school enrollment rate  
**4.24%** Internet Access  
**70.91%** Households with radio  
**73.73%** Households with television



### Economic Constraints

0  1 **SCORE: 0.271** **RANK: 62/84** PROVINCES ASSESSED

**0.59**  
Economic  
dependency  
ratio

**8.76%**  
Poverty  
incidence



### Gender Inequality

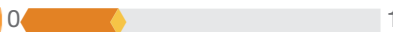
0  1 **SCORE: 0.276** **RANK: 73/84** PROVINCES ASSESSED

**1.02**  
Female to male  
secondary school  
enrollment Rate

**0.53**  
Labor force  
participation ratio



### Population Pressures

0  1 **SCORE: 0.261** **RANK: 80/84** PROVINCES ASSESSED

**1.35**  
Population  
growth rate  
(2010-2015)

**3.06**  
Average annual  
urban population  
growth rate

**0.8%**  
Informal settlers




## COPING CAPACITY (CC)

**RANK: 28 / 84 PROVINCES ASSESSED**  
**SCORE: 0.582**

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



### Economic Capacity

0  1 **SCORE: 0.615** **RANK: 20/84 PROVINCES ASSESSED**

**0.91**

Purchasing power of the peso

**62.62%**


Labor force participation rate

**2467.62**

Local government annual regular income per capita (Philippine Peso)



### Governance

0  1 **SCORE: 0.691** **RANK: 26/84 PROVINCES ASSESSED**

**86.0%**

Voter participation

**2.53**

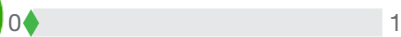
Organized violence (per 100k persons)

**10.40%**

Garbage pickup



### Environmental Capacity

0  1 **SCORE: 0** **RANK: 77/84 PROVINCES ASSESSED**

**0**

Protected areas (per 1k ha)

**0.0%**

Forest reserves



**Infrastructure Capacity**

0 1 **SCORE: 0.634 RANK: 20/84 PROVINCES ASSESSED**



**Health Care Capacity SCORE: 0.566 RANK: 25/84 PROVINCES ASSESSED**

<b>15.83</b>	<b>2.64</b>	<b>61.39%</b>	<b>5.05</b>
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



**Transportation Capacity SCORE: 0.639 RANK: 18/84 PROVINCES ASSESSED**

<b>1.16</b>	<b>10.63</b>
Road density (km per sq. km)	Average distance to nearest port (km)



**Communications Capacity SCORE: 0.805 RANK: 17/84 PROVINCES ASSESSED**

<b>4.9%</b>	<b>97.9%</b>
Households with a landline	Mobile coverage



**Energy Capacity SCORE: 0.701 RANK: 27/84 PROVINCES ASSESSED**

<b>89.8%</b>	<b>13.4%</b>
Households with electricity	Households with gas



**Emergency Services Capacity SCORE: 0.459 RANK: 42/84 PROVINCES ASSESSED**

<b>29.09</b>	<b>1.7</b>	<b>2.55</b>
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



## RESILIENCE (R)

**RANK: 24 / 84 PROVINCES ASSESSED**  
**SCORE: 0.599**

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

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



**Environmental Stress**



**Vulnerable Health Status**



**Emergency Services Capacity**



**Health Care Capacity**



## HAZARD-SPECIFIC RISK (HSR)



**Earthquake**

**RANK: 64 / 84 PROVINCES ASSESSED**  
**SCORE: 0.210**



**Tsunami**

**RANK: 48 / 84 PROVINCES ASSESSED**  
**SCORE: 0.048**



**Flood**

**RANK: 26 / 84 PROVINCES ASSESSED**  
**SCORE: 0.236**



**Liquefaction**

**RANK: 28 / 84 PROVINCES ASSESSED**  
**SCORE: 0.222**



**Landslide**

**RANK: 59 / 84 PROVINCES ASSESSED**  
**SCORE: 0.167**



**Volcano**

**RANK: 68 / 84 PROVINCES ASSESSED**  
**SCORE: 0**

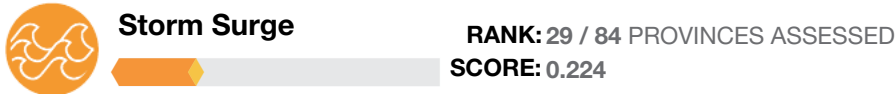
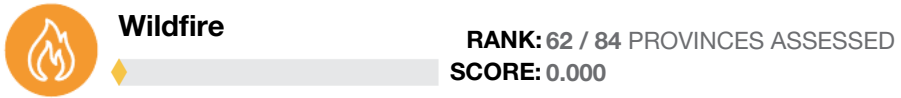


**Drought**

**RANK: 58 / 84 PROVINCES ASSESSED**  
**SCORE: 0.000**



**(HAZARD-SPECIFIC RISK CONTINUED)**



**MULTI-HAZARD RISK (MHR)**

**55 / 84**

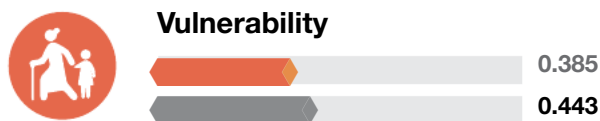
RANK WITHIN PROVINCES  
Score: 0.482



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

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

PROVINCE SCORE  
COUNTRY SCORE



# AKLAN RECOMMENDATIONS

1

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## Environmental Stress

- In Aklan flooding, typhoons and seismic hazards expose a large proportion of the population. Allocate funds to protect and improve the natural environment, which will help mitigate direct and indirect impacts of hazards. Continue investing in greening projects, reforestation efforts and sustainable agriculture to increase resilience.

2

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## Vulnerable Health Status

- Findings show that vulnerable health status is a major driver of vulnerability in Aklan. Continue work to enhance personal hygiene practices and monitor environmental health indicators to improve health outcomes of the communities.
- Continue efforts in community outreach, increased access to health care and other public health interventions. Expand monitoring and control programs for communicable diseases.

3

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## Emergency Services Capacity

- Continue work with partners such as the Philippines Red Cross to expand and enhance emergency service capacity. Increase the number of evacuation centers, fire stations and fire trucks to serve the population and increase emergency service 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

## Health Care Capacity

- Due to the vulnerable health status of the population in Aklan, prioritize efforts to increase health care capacity. Continue to work with local and international partners to 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.

**Better solutions.  
Fewer disasters.**

# Safer world.

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