



**THE PHILIPPINES** 

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**SOUTHERN LEYTE**

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**NDPBA PROVINCE PROFILE**

# THE PHILIPPINES

## SOUTHERN LEYTE

### CAPITAL: CITY OF MAASIN

Area: 1,801 km<sup>2</sup>

Sultan Kudarat is a province in the Philippines located in the Soccsksargen region in Mindanao. The province is situated on the southwestern section of central Mindanao. Two major mountain ranges are located within the province- The Alip Mountain Range and Daguma Mountain Range. The province has an irregular coastline of 132 kilometers in its three towns facing the Celebes sea which are prone to Tsunamis originating in Celebes Sea. Heavy rainfall occurs from April to November however the province is located outside the Typhoon belt and rarely effected by typhoons in the region. The economy in the region is predominantly agriculture. The crops produced in the region are rice, corn, coconuts, coffee, bananas, mangoes, durians, and African palm. Fishing is also an industry in the three coastal towns with tuna caught being exported to Japan and Europe.



## RISK AND VULNERABILITY COMPONENT SCORE



### MULTI-HAZARD RISK (MHR) - Medium

Score: 0.505 • Rank: 39/84



### RESILIENCE (R) - High

Score: 0.602 • Rank: 23/84



### MULTI-HAZARD EXPOSURE (MHE) - High

Score: 0.718 • Rank: 22/84



### VULNERABILITY (V) - Low

Score: 0.365 • Rank: 65/84



### COPING CAPACITY (CC) - Medium

Score: 0.569 • Rank: 34/84



Population (2018)

**379,274**



Population in Poverty

**17.2%**



Literate population

**98.7%**



Access to improved water

**94.8%**



Average life expectancy

**68.1 years**

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



## MULTI-HAZARD EXPOSURE (MHE)

RANK: 22 / 84 PROVINCES  
SCORE: 0.718



MHE  
0.718

Raw MHE  
0.542

Relative MHE  
0.894

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



Earthquake

**77%**

290,402  
\$1.7 Billion



Tsunami

**<1%**

2,954  
\$495,777



Flood

**63%**

240,090  
\$1.3 Billion



Liquefaction

**32%**

119,956  
\$671.3 Million



Landslide

**30%**

113,022  
\$648.1 Million



Volcano

**12%**

46,941  
\$415.6 Million



Drought

**83%**

312,977  
\$1.7 Billion



Wildfire

**10%**

38,600  
\$205.9 Million



Storm Surge

**31%**

118,086  
\$234.1 Million



Typhoon Winds

**100%**

378,093  
\$2 Billion



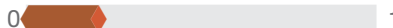
## VULNERABILITY (V)

**RANK: 65 / 84 PROVINCES ASSESSED**  
**SCORE: 0.365**

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



### Environmental Stress

0  1 **SCORE: 0.204** **RANK: 82/84** PROVINCES ASSESSED

**1.02** Livestock density  
**1.22** Barren land (per 10k hectares)  
**5.83%** Forest cover change



### Vulnerable Health Status

0  1 **SCORE: 0.464** **RANK: 34/84** PROVINCES ASSESSED

**3.2%** Malnutrition among children (0 to 5 years old)  
**1.48** Infant mortality rate (per 1k live births)  
**42.23** Maternal mortality rate (per 100k live births)  
**68.05** Life expectancy  
**490** Disability (per 100k persons)

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



### Clean Water Vulnerability

0  1 **SCORE: 0.278** **RANK: 67/84** PROVINCES ASSESSED

**94.8%** Households with improved safe water source  
**93.6%** Households with sanitary toilet facility




### Information Access Vulnerability

0  1 **SCORE: 0.507** **RANK: 33/84** PROVINCES ASSESSED

**98.69%** Literacy rate (age 10 and older)  
**107.57%** Gross primary school enrollment rate  
**3.84%** Internet Access  
**57.96%** Households with radio  
**60.54%** Households with television



### Economic Constraints

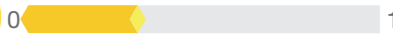
0  1 **SCORE: 0.428** **RANK: 39/84** PROVINCES ASSESSED

**0.62**  
Economic  
dependency  
ratio

**17.24%**  
Poverty  
incidence



### Gender Inequality

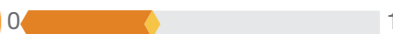
0  1 **SCORE: 0.317** **RANK: 67/84** PROVINCES ASSESSED

**0.99**  
Female to male  
secondary school  
enrollment Rate

**0.45**  
Labor force  
participation ratio



### Population Pressures

0  1 **SCORE: 0.36** **RANK: 58/84** PROVINCES ASSESSED

**1.05**  
Population  
growth rate  
(2010-2015)

**15.32**  
Average annual  
urban population  
growth rate

**1.0%**  
Informal settlers




## COPING CAPACITY (CC)

**RANK: 34 / 84 PROVINCES ASSESSED**  
**SCORE: 0.569**

Southern Leyte exhibits weaker Coping Capacity in the areas of Transportation 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: 0.42** **RANK: 68/84 PROVINCES ASSESSED**

**0.84**

Purchasing power of the peso

**59.91%**

Labor force participation rate

**2521.63**

Local government annual regular income per capita (Philippine Peso)



### Governance

0  1 **SCORE: 0.767** **RANK: 5/84 PROVINCES ASSESSED**

**86.1%**

Voter participation

**2.07**

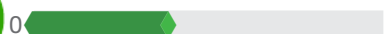
Organized violence (per 100k persons)

**22.37%**

Garbage pickup



### Environmental Capacity

0  1 **SCORE: 0.396** **RANK: 38/84 PROVINCES ASSESSED**

**0**

Protected areas (per 1k ha)

**37.5%**

Forest reserves



**Infrastructure Capacity**



**SCORE: 0.577 RANK: 34/84 PROVINCES ASSESSED**



**Health Care Capacity SCORE: 0.453 RANK: 52/84 PROVINCES ASSESSED**

<b>7.84</b>	<b>1.73</b>	<b>62.73%</b>	<b>6.84</b>
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



**Transportation Capacity SCORE: 0.279 RANK: 79/84 PROVINCES ASSESSED**

<b>0.82</b>	<b>41.67</b>
Road density (km per sq. km)	Average distance to nearest port (km)



**Communications Capacity SCORE: 0.756 RANK: 30/84 PROVINCES ASSESSED**

<b>2.7%</b>	<b>98.8%</b>
Households with a landline	Mobile coverage



**Energy Capacity SCORE: 0.687 RANK: 29/84 PROVINCES ASSESSED**

<b>86.0%</b>	<b>15.5%</b>
Households with electricity	Households with gas



**Emergency Services Capacity SCORE: 0.738 RANK: 10/84 PROVINCES ASSESSED**

<b>124.6</b>	<b>3.25</b>	<b>4.42</b>
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



## RESILIENCE (R)

**RANK: 23 / 84 PROVINCES ASSESSED**  
**SCORE: 0.602**

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

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



**Information Access Vulnerability**



**Vulnerable Health Status**



**Transportation Capacity**



**Economic Capacity**



## HAZARD-SPECIFIC RISK (HSR)



**Earthquake**

**RANK: 71 / 84 PROVINCES ASSESSED**  
**SCORE: 0.166**



**Tsunami**

**RANK: 37 / 84 PROVINCES ASSESSED**  
**SCORE: 0.075**



**Flood**

**RANK: 39 / 84 PROVINCES ASSESSED**  
**SCORE: 0.191**



**Liquefaction**

**RANK: 59 / 84 PROVINCES ASSESSED**  
**SCORE: 0.126**



**Landslide**

**RANK: 22 / 84 PROVINCES ASSESSED**  
**SCORE: 0.264**



**Volcano**

**RANK: 6 / 84 PROVINCES ASSESSED**  
**SCORE: 0.347**

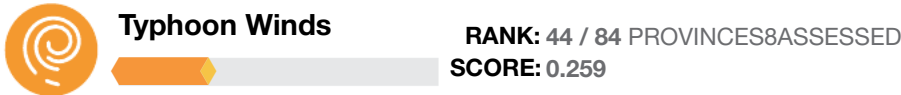
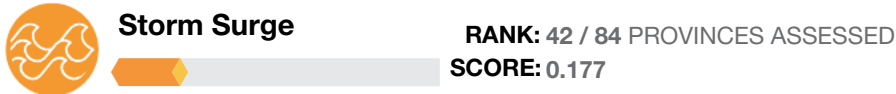
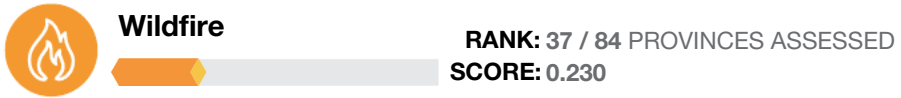


**Drought**

**RANK: 24 / 84 PROVINCES ASSESSED**  
**SCORE: 0.329**



**(HAZARD-SPECIFIC RISK CONTINUED)**



**MULTI-HAZARD RISK (MHR)**

**40 / 84**  
RANK WITHIN PROVINCES  
Score: 0.505



Southern Leyte’s score and ranking are due to High 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



# SOUTHERN LEYTE RECOMMENDATIONS

## 1

### Information Access Vulnerability

- In Southern Leyte, many homes lack access to radios, television and internet. Invest in communications infrastructure and households' access to communications devices, which can also boost economic capacity in Southern Leyte.
- promote education and basic literacy. With the COVID-19 pandemic impacting school capacities, work in rural and remote areas must consider resource needs.

## 2

### Vulnerable Health Status

- In Southern Leyte, vulnerable health status is a major driver of vulnerability. Focus efforts on increasing the health of the population through community outreach, increased access to health care and other public health interventions. Continue monitoring for and providing care for those suffering from communicable diseases.

## 3

### Transportation Capacity

- Southern Leyte has the 6th highest distance between ports and populated places in the Philippines (41.7 kilometers per square kilometer). Continue seaport, airport and road enhancement projects through private-public partnerships. Advocate for transportation network projects through the Department of Public Works to increase evacuation and resource distribution routes, increase access to markets and enhance social connectivity.
- Civil planners should work with risk assessors to establish resilient transportation network plans. Incorporating environmental mitigation plans, equitable access for the population and hazard exposures.
- Ensure that emergency evacuation routes and plans include all transportation projects. Work with partners including HOTOSM and others to ensure mapping of new routes and resources are readily available in the event of a disaster.

# 4

## Economic Capacity

- Southern Leyte ranked 68th out of the 84 territories in economic capacity. Purchasing power of the peso in Southern Leyte is 0.84, the 12th lowest in the Philippines. Continue to encourage programs that diversify the economy in Southern Leyte to generate public revenue and create new job opportunities. Pursue policies that balance inflation rates and create equal opportunities for employment.

**Better solutions.  
Fewer disasters.**

# Safer world.

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