



THE PHILIPPINES

SORSOGON

NDPBA PROVINCE PROFILE

THE PHILIPPINES

SORSOGON

CAPITAL: CITY OF SORSOGON

Area: 2,119 km²

South Cotabato is located in the southern portion of Mindanao. It is bounded by the provinces of Sultan Kudarat and Sarangani. South Cotabato also has sea access through the Sarangani Bay which opens to the Celebes Sea. The province is most flat with some hills and mountains scattered throughout. The location of South Cotabato makes it ideal to be part of the gateway that leads to the Brunei-Indonesia-Malaysia-Philippines East ASEAN Growth Area. The ports also provide a means to capitalize on the fishing industry and international shipping. The province is a melting pot of cultures. In recent news, instability and conflict has displaced families within South Cotabato.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Medium

Score: 0.494 • Rank: 47/84



RESILIENCE (R) - High

Score: 0.583 • Rank: 29/84



MULTI-HAZARD EXPOSURE (MHE) - High

Score: 0.648 • Rank: 32/84



VULNERABILITY (V) - Medium

Score: 0.456 • Rank: 38/84



COPING CAPACITY (CC) - Very High

Score: 0.621 • Rank: 14/84



Population (2018)

785,870



Population in Poverty

19.5%



Literate population

99.1%



Access to improved water

95.8%



Average life expectancy

67.6 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 32 / 84 PROVINCES
SCORE: 0.648



MHE
0.648

Raw MHE
0.605

Relative MHE
0.692

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

85%

664,773
\$2.8 Billion



Tsunami

18%

144,042
\$667.3 Million



Flood

-

-
-



Liquefaction

33%

258,804
\$1.5 Billion



Landslide

7%

57,282
\$171.3 Million



Volcano

14%

113,273
\$365.1 Million



Drought

52%

406,095
\$2 Billion



Wildfire

-

-
-



Storm Surge

32%

249,893
\$855.9 Million



Typhoon Winds

100%

784,861
\$3.1 Billion



VULNERABILITY (V)

RANK: 38 / 84 PROVINCES ASSESSED
SCORE: 0.456

Vulnerability in Sorsogon 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: 0.464** **RANK: 46/84** PROVINCES ASSESSED

0.74 Livestock density
31.02 Barren land (per 10k hectares)
0.08% Forest cover change



Vulnerable Health Status

0  1 **SCORE: 0.475** **RANK: 30/84** PROVINCES ASSESSED

4.5% Malnutrition among children (0 to 5 years old)
5.06 Infant mortality rate (per 1k live births)
78.33 Maternal mortality rate (per 100k live births)
67.61 Life expectancy
493 Disability (per 100k persons)

30.5 Tuberculosis mortality rate (per 100k persons)
0 HIV mortality rate (per 100k persons)
4.8 Intestinal disease mortality rate (per 100k persons)
0.8 Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



Clean Water Vulnerability

0  1 **SCORE: 0.428** **RANK: 40/84** PROVINCES ASSESSED

95.8% Households with improved safe water source
80.8% Households with sanitary toilet facility




Information Access Vulnerability

0  1 **SCORE: 0.459** **RANK: 46/84** PROVINCES ASSESSED

99.09% Literacy rate (age 10 and older)
117.34% Gross primary school enrollment rate
2.46% Internet Access
58.19% Households with radio
59.50% Households with television



Economic Constraints

0  1 **SCORE: 0.546** **RANK: 22/84** PROVINCES ASSESSED

0.69
Economic
dependency
ratio

19.49%
Poverty
incidence



Gender Inequality

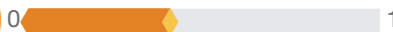
0  1 **SCORE: 0.409** **RANK: 48/84** PROVINCES ASSESSED

1.06
Female to male
secondary school
enrollment Rate

0.47
Labor force
participation ratio



Population Pressures

0  1 **SCORE: 0.412** **RANK: 40/84** PROVINCES ASSESSED

1.3
Population
growth rate
(2010-2015)

12.88
Average annual
urban population
growth rate

1.5%
Informal settlers




COPING CAPACITY (CC)

RANK: 14 / 84 PROVINCES ASSESSED
SCORE: 0.621

Sorsogon 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: 21/84 PROVINCES ASSESSED**

0.94

Purchasing power of the peso

61.36%


Labor force participation rate

1561.16

Local government annual regular income per capita (Philippine Peso)



Governance

0  1 **SCORE: 0.704** **RANK: 22/84 PROVINCES ASSESSED**

85.6%

Voter participation

7.39


Organized violence (per 100k persons)

25.51%

Garbage pickup



Environmental Capacity

0  1 **SCORE: 0.566** **RANK: 13/84 PROVINCES ASSESSED**

18.49

Protected areas (per 1k ha)

19.9%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.564** **RANK: 41/84** PROVINCES ASSESSED



Health Care Capacity **SCORE: 0.633** **RANK: 11/84** PROVINCES ASSESSED

14.19	2.33	74.68%	4.51
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



Transportation Capacity **SCORE: 0.632** **RANK: 19/84** PROVINCES ASSESSED

1.59	16.37
Road density (km per sq. km)	Average distance to nearest port (km)



Communications Capacity **SCORE: 0.631** **RANK: 54/84** PROVINCES ASSESSED

1.2%	95.4%
Households with a landline	Mobile coverage



Energy Capacity **SCORE: 0.62** **RANK: 44/84** PROVINCES ASSESSED

80.3%	13.4%
Households with electricity	Households with gas



Emergency Services Capacity **SCORE: 0.458** **RANK: 43/84** PROVINCES ASSESSED

23.36	1.84	2.58
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 29 / 84 PROVINCES ASSESSED
SCORE: 0.583

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

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



Economic Constraints



Vulnerable Health Status



Emergency Services Capacity



Health Care Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 60 / 84 PROVINCES ASSESSED
SCORE: 0.220



Tsunami

RANK: 3 / 84 PROVINCES ASSESSED
SCORE: 0.41



Flood

RANK: 74 / 84 PROVINCES ASSESSED
SCORE: 0.000



Liquefaction

RANK: 46 / 84 PROVINCES ASSESSED
SCORE: 0.17



Landslide

RANK: 60 / 84 PROVINCES ASSESSED
SCORE: 0.163



Volcano

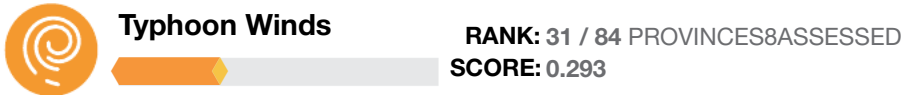
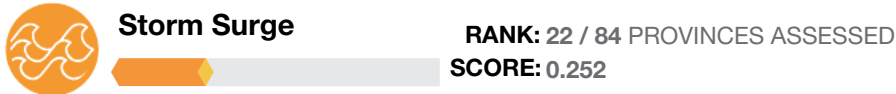
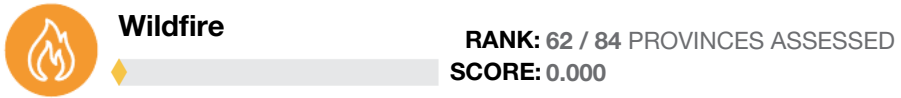
RANK: 7 / 84 PROVINCES ASSESSED
SCORE: 0.338



Drought

RANK: 30 / 84 PROVINCES ASSESSED
SCORE: 0.295

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

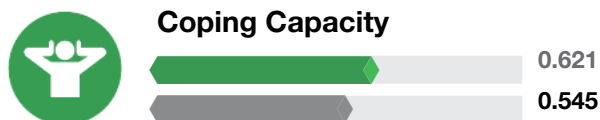
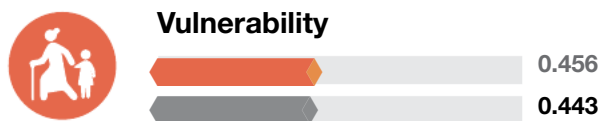
47 / 84
RANK WITHIN PROVINCES
Score: 0.494



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

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

PROVINCE SCORE
COUNTRY SCORE



SORSOGON RECOMMENDATIONS

1

Economic Constraints

- In Sorsogon, economic constraints are a major driver of vulnerability. 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. Invest in small and local businesses, especially in rural and remote areas.

2

Vulnerable Health Status

- In Sorsogon, vulnerable health status is a major driver of vulnerability. Work toward 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.
- Expand partnerships and engagements to allocate resources for increased health care infrastructure in Sorsogon. Ensure health care is financially and physically accessible, as well as equipped to be able to accommodate patients with various health conditions.

3

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

- Although health care capacity in Sorsogon ranked relatively high, work to improve immunization coverage is needed. Only 55.7% of children in Sorsogon are fully immunized. Increase community outreach and encourage utilization of vaccination services.
- 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.

**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



/PDCGlobal



www.pdc.prg



ndpba@pdc.org