



THE PHILIPPINES

SOUTH COTABATO

NDPBA PROVINCE PROFILE

THE PHILIPPINES

SOUTH COTABATO

CAPITAL: CITY OF KORONADAL

Area: 3,794 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) - Low
Score: 0.484 • Rank: 52/84



RESILIENCE (R) - Medium
Score: 0.574 • Rank: 37/84



MULTI-HAZARD EXPOSURE (MHE) - Medium
Score: 0.601 • Rank: 46/84



VULNERABILITY (V) - Low
Score: 0.413 • Rank: 52/84



COPING CAPACITY (CC) - Medium
Score: 0.560 • Rank: 41/84



Population (2018)
1,503,497



Population in Poverty
13.7%



Literate population
96.5%



Access to improved water
95.6%



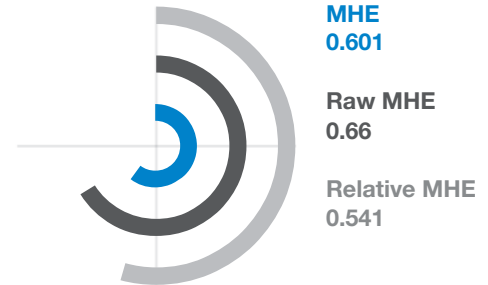
Average life expectancy
68.9 years

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





MULTI-HAZARD EXPOSURE (MHE)


RANK: 47 / 84 PROVINCES
SCORE: 0.601





ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:


 Earthquake
98%
1,470,768
\$4.6 Billion


 Tsunami
<1%
4,020
\$11.6 Million


 Flood
30%
457,260
\$2.3 Billion


 Liquefaction
29%
440,861
\$1.2 Billion


 Landslide
12%
175,347
\$275.9 Million

 Volcano
6%
86,508
\$176.2 Million

 Drought
100%
1,503,497
\$4.7 Billion

 Wildfire
8%
113,962
\$253.1 Million

 Storm Surge
4%
61,955
\$81.2 Million

 Typhoon Winds
-
-
-




VULNERABILITY (V)

RANK: 52 / 84 PROVINCES ASSESSED
SCORE: 0.413

Vulnerability in South Cotabato is primarily driven by Population Pressures and Information Access Vulnerability. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.423** **RANK: 55/84** PROVINCES ASSESSED

1.99 **6.45** **2.13%**
 Livestock density Barren land (per 10k hectares) Forest cover change



Vulnerable Health Status

0  1 **SCORE: 0.399** **RANK: 61/84** PROVINCES ASSESSED

7.6% **10.93** **61.58** **68.94** **212**
 Malnutrition among children (0 to 5 years old) Infant mortality rate (per 1k live births) Maternal mortality rate (per 100k live births) Life expectancy Disability (per 100k persons)

20.6 **0** **4.2** **3.9**
 Tuberculosis mortality rate (per 100k persons) HIV mortality rate (per 100k persons) Intestinal disease mortality rate (per 100k persons) Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



Clean Water Vulnerability

0  1 **SCORE: 0.354** **RANK: 53/84** PROVINCES ASSESSED

95.6% **88.2%**
 Households with improved safe water source Households with sanitary toilet facility




Information Access Vulnerability

0  1 **SCORE: 0.468** **RANK: 42/84** PROVINCES ASSESSED

96.45% **120.25%** **4.43%** **55.84%** **66.97%**
 Literacy rate (age 10 and older) Gross primary school enrollment rate Internet Access Households with radio Households with television



Economic Constraints

0  1 **SCORE: 0.325** **RANK: 52/84** PROVINCES ASSESSED

0.58
Economic
dependency
ratio

13.67%
Poverty
incidence



Gender Inequality


0  1 **SCORE: 0.435** **RANK: 44/84** PROVINCES ASSESSED

1.06
Female to male
secondary school
enrollment Rate

0.44
Labor force
participation ratio



Population Pressures

0  1 **SCORE: 0.483** **RANK: 20/84** PROVINCES ASSESSED

1.93
Population
growth rate
(2010-2015)

3.35
Average annual
urban population
growth rate

2.7%
Informal settlers




COPING CAPACITY (CC)

RANK: 41 / 84 PROVINCES ASSESSED
SCORE: 0.560

South Cotabato 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: 0.513** **RANK: 39/84 PROVINCES ASSESSED**

0.91

Purchasing power of the peso

63.69%


Labor force participation rate

994.42

Local government annual regular income per capita (Philippine Peso)



Governance

0  1 **SCORE: 0.664** **RANK: 33/84 PROVINCES ASSESSED**

82.3%

Voter participation

6.47

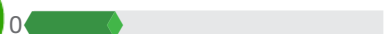
Organized violence (per 100k persons)

31.82%

Garbage pickup



Environmental Capacity

0  1 **SCORE: 0.241** **RANK: 66/84 PROVINCES ASSESSED**

0

Protected areas (per 1k ha)

8.2%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.609** **RANK: 26/84** PROVINCES ASSESSED



Health Care Capacity **SCORE: 0.427** **RANK: 59/84** PROVINCES ASSESSED

8.28 Hospital beds (per 10k people)	1.91 Physicians per 10,000 people	55.68% Vaccination coverage	6.55 Average distance to nearest hospital (km)
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Transportation Capacity **SCORE: 0.685** **RANK: 14/84** PROVINCES ASSESSED

1.88 Road density (km per sq. km)	13.64 Average distance to nearest port (km)
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Communications Capacity **SCORE: 0.789** **RANK: 22/84** PROVINCES ASSESSED

3.8% Households with a landline	98.7% Mobile coverage
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Energy Capacity **SCORE: 0.638** **RANK: 40/84** PROVINCES ASSESSED

82.9% Households with electricity	13.0% Households with gas
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Emergency Services Capacity **SCORE: 0.298** **RANK: 69/84** PROVINCES ASSESSED

25.88 Evacuation centers (per 100k persons)	0.83 Fire Stations (per 100k persons)	1.6 Fire Trucks (per 100k persons)
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RESILIENCE (R)

RANK: 37 / 84 PROVINCES ASSESSED
SCORE: 0.574

South Cotabato'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:



Population Pressures



Information Access Vulnerability



Emergency Services Capacity



Economic Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 28 / 84 PROVINCES ASSESSED
SCORE: 0.308



Tsunami

RANK: 23 / 84 PROVINCES ASSESSED
SCORE: 0.114



Flood

RANK: 43 / 84 PROVINCES ASSESSED
SCORE: 0.175



Liquefaction

RANK: 51 / 84 PROVINCES ASSESSED
SCORE: 0.152



Landslide

RANK: 42 / 84 PROVINCES ASSESSED
SCORE: 0.214



Volcano

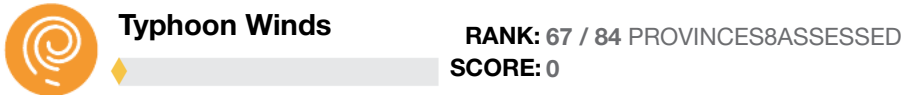
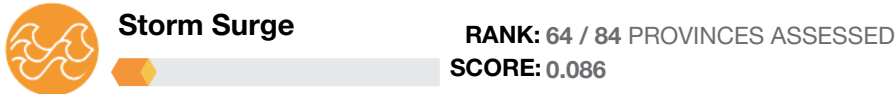
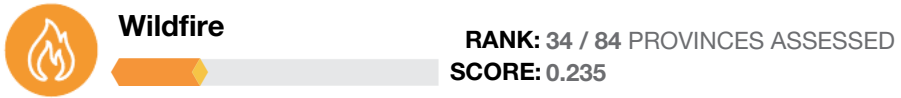
RANK: 12 / 84 PROVINCES ASSESSED
SCORE: 0.23



Drought

RANK: 9 / 84 PROVINCES ASSESSED
SCORE: 0.411

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

52 / 84

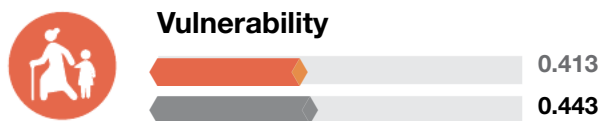
RANK WITHIN PROVINCES
Score: 0.484



South Cotabato's score and ranking are due to Medium 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



SOUTH COTABATO RECOMMENDATIONS

1

Population Pressures

- Continue to monitor the growth of the population and plan resource allocation appropriately. Enforce building codes and environmental protection laws to ensure expansion is sustainable.
- Work with diverse partners to help stimulate the economy to support increased public demands. Ensure equitable distribution of resources and services.

2

Information Access Vulnerability

- In South Cotabato, many homes lack access to radios, television and internet. Work with private and public partners to ensure communities are able to receive critical information and communicate their needs during a disaster.
- Population pressures are further increasing the need to enhance community access to information. As the population grows, so does the need to expand public messaging and capacity to communicate needs.
- Continue to promote education and basic literacy. With the COVID-19 pandemic impacting school capacities, work in rural and remote areas must consider resource needs.

3

Emergency Services Capacity

- Although South Cotabato ranked relatively high for emergency services capacity, there are only 0.83 fire stations per 100,000 persons. 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

Economic Capacity

- Continue to encourage programs that diversify the economy in South Cotabato 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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