



THE PHILIPPINES

COTABATO CITY

NDPBA PROVINCE PROFILE

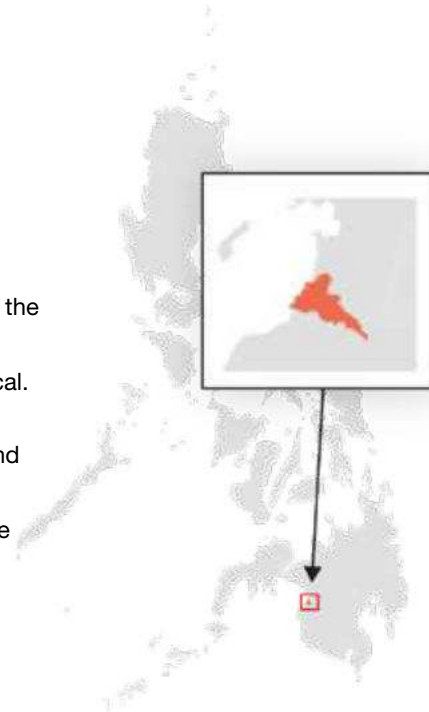
THE PHILIPPINES

COTABATO CITY

CAPITAL:

Area: 176 km²

Cotabato City is located on Mindanao, geographically the it is located within the Autonomous Region in Muslim Mindanao and administratively is part of the Soccsksargen region. The climate of Cotabato City is characterized as tropical. The topography is relatively flat with some moderately sloping a eas. The population is majority Magindanaon and estimated at just under 300 thousand persons based on the 2015 census. Cotabato City is an economic center within Mindanao with ties in trade, finance, education and other services. The city is located outside the typhoon belt and is primarily exposed to seismic and flooding hazards. The city contains the mouth of two major rivers the Rio Grande de Mindanao and Pulangi, along with other water courses that add to the flooding susceptibility .



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Low
Score: 0.476 • Rank: 59/84



RESILIENCE (R) - Medium
Score: 0.555 • Rank: 49/84



MULTI-HAZARD EXPOSURE (MHE) - Low
Score: 0.539 • Rank: 60/84



VULNERABILITY (V) - Medium
Score: 0.44 • Rank: 41/84



COPING CAPACITY (CC) - Medium
Score: 0.551 • Rank: 47/84



Population (2018)
299,239



Population in Poverty
35.5%



Literate population
96.3%



Access to improved water
100.0%



Average life expectancy
64.6 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 60 / 84 PROVINCES
SCORE: 0.539



MHE
0.539

Raw MHE
0.512

Relative MHE
0.566

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

97%

290,301

\$3.6 Billion



Tsunami

-

-

-



Flood

99%

296,088

\$3.6 Billion



Liquefaction

96%

288,752

\$3.6 Billion



Landslide

-

-

-



Volcano

<1%

897

\$10.9 Million



Drought

-

-

-



Wildfire

-

-

-



Storm Surge

6%

18,356

\$17.1 Million



Typhoon Winds

-

-

-



VULNERABILITY (V)

RANK: 41 / 84 PROVINCES ASSESSED
SCORE: 0.44

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



Environmental Stress

0 1 **SCORE: 0.145** **RANK: 83/84** PROVINCES ASSESSED

0.75

Livestock density

–

Barren land (per 10k hectares)

–

Forest cover change



Vulnerable Health Status

0 1 **SCORE: 0.46** **RANK: 37/84** PROVINCES ASSESSED

–

Malnutrition among children (0 to 5 years old)

4.82

Infant mortality rate (per 1k live births)

27.54

Maternal mortality rate (per 100k live births)

64.57

Life expectancy

180

Disability (per 100k persons)

10.8

Tuberculosis mortality rate (per 100k persons)

0

HIV mortality rate (per 100k persons)

4.1

Intestinal disease mortality rate (per 100k persons)

2.2

Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



Clean Water Vulnerability

0 1 **SCORE: 0.244** **RANK: 72/84** PROVINCES ASSESSED

100.0%

Households with improved safe water source

79.8%

Households with sanitary toilet facility



Information Access Vulnerability

0 1 **SCORE: 0.537** **RANK: 29/84** PROVINCES ASSESSED

96.30%

Literacy rate (age 10 and older)

78.62%

Gross primary school enrollment rate

4.60%

Internet Access

76.50%

Households with radio

76.94%

Households with television



Economic Constraints



SCORE: 0.63

RANK: 14/84 PROVINCES ASSESSED

0.6

Economic
dependency
ratio

35.53%

Poverty
incidence



Gender Inequality



SCORE: 0.47

RANK: 38/84 PROVINCES ASSESSED

1.12

Female to male
secondary school
enrollment Rate

0.53

Labor force
participation ratio



Population Pressures



SCORE: 0.596

RANK: 6/84 PROVINCES ASSESSED

1.86

Population
growth rate
(2010-2015)

2.9

Average annual
urban population
growth rate

6.5%

Informal settlers



COPING CAPACITY (CC)

RANK: 47 / 84 PROVINCES ASSESSED
SCORE: 0.551

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



Economic Capacity



SCORE: 0.611 **RANK: 22/84 PROVINCES ASSESSED**

–	64.92%	2553.56
Purchasing power of the peso	Labor force participation rate	Local government annual regular income per capita (Philippine Peso)



Governance

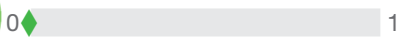


SCORE: 0.428 **RANK: 78/84 PROVINCES ASSESSED**

78.2%	22.9	54.71%
Voter participation	Organized violence (per 100k persons)	Garbage pickup



Environmental Capacity



SCORE: – **RANK: /84 PROVINCES ASSESSED**

–	–
Protected areas (per 1k ha)	Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.613** **RANK: 25/84** PROVINCES ASSESSED



Health Care Capacity **SCORE: 0.677** **RANK: 6/84** PROVINCES ASSESSED

17.33	2.76	74.65%	3.93
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



Transportation Capacity **SCORE: 0.64** **RANK: 17/84** PROVINCES ASSESSED

2.37	21.95
Road density (km per sq. km)	Average distance to nearest port (km)



Communications Capacity **SCORE: 0.854** **RANK: 12/84** PROVINCES ASSESSED

6.1%	100.0%
Households with a landline	Mobile coverage



Energy Capacity **SCORE: 0.772** **RANK: 20/84** PROVINCES ASSESSED

85.9%	30.1%
Households with electricity	Households with gas



Emergency Services Capacity **SCORE: 0.203** **RANK: 76/84** PROVINCES ASSESSED

1.34	0.99	2.31
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 49 / 84 PROVINCES ASSESSED
SCORE: 0.555

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

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



Economic Constraints



Population Pressures



Emergency Services Capacity



Governance



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 39 / 84 PROVINCES ASSESSED
SCORE: 0.275



Tsunami

RANK: 54 / 84 PROVINCES ASSESSED
SCORE: 0



Flood

RANK: 9 / 84 PROVINCES ASSESSED
SCORE: 0.319



Liquefaction

RANK: 7 / 84 PROVINCES ASSESSED
SCORE: 0.336



Landslide

RANK: 84 / 84 PROVINCES ASSESSED
SCORE: 0.000



Volcano

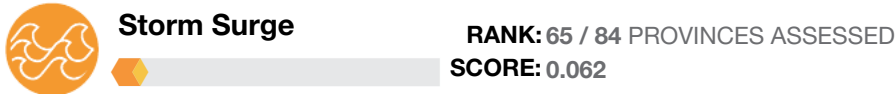
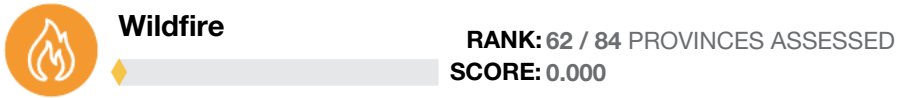
RANK: 46 / 84 PROVINCES ASSESSED
SCORE: 0.101



Drought

RANK: 58 / 84 PROVINCES ASSESSED
SCORE: 0.000

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

59 / 84

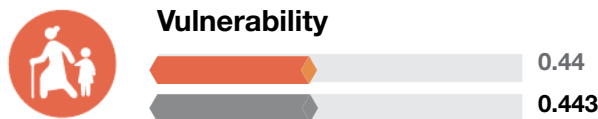
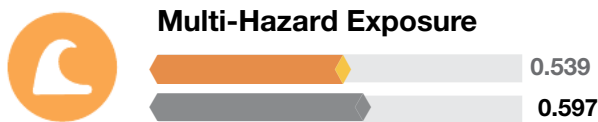
RANK WITHIN PROVINCES
Score: 0.476



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

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

PROVINCE SCORE
COUNTRY SCORE



COTABATO CITY RECOMMENDATIONS

1

Economic Constraints

- Cotabato city is ranked 9th highest in poverty rate, which represents 36% of the population. Focus efforts on stimulating the economy to promote the creation of gainful work. Expand public assistance where possible to increase the availability of resources and options for low income individuals.
- Population pressures are also influencing vulnerabilities in Cotabato City. Continue to work with local stakeholders and diverse partners to stimulate economic growth especially in remote and rural areas.

2

Population Pressures

- Cotabato City is ranked the 6th highest in the Philippines for population pressures. About 6% of the population are considered informal settlers, which ranks as the highest in the country. Expand public assistance programs and housing projects to meet the needs of the growing population.
- Continue to monitor the growth of the population and adjust the allocation of resources to match the changing population dynamics. Enforce building codes and environmental protection laws to ensure expansion is sustainable.

3

Emergency Services Capacity

- Population pressures in Cotabato City are increasing the need to expand emergency service capacity. As the population grows, there is an increased demand on the already limited resources and space in evacuation shelters. 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

Governance

- Voter participation in Cotabato City is estimated at 78%. Continue efforts to increase civic engagement, as well as government transparency and accountability.
- Expand economic development in Cotabato City. Focus on sustainable development that diversifies the economy and generates local revenue. Invest in small business, local companies and public infrastructure. Expand security capacity and social services to increase stability.

**Better solutions.
Fewer disasters.**

Safer world.

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