



THE PHILIPPINES

MAGUINDANAO

NDPBA PROVINCE PROFILE

THE PHILIPPINES

MAGUINDANAO

CAPITAL: SHARIFF AGUAK (MAGANOY)

Area: 9,968 km²

Maguindanao is a province in the Philippines located in the Bangsamoro Autonomous Region in Muslim Mindanao (BARMM). It borders Lanao del Sur to the north, Cotabato to the east, Sultan Kudarat to the south, and the Illana Bay to the west. The economy is largely based on agriculture.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very High
Score: 0.661 • Rank: 1/84



RESILIENCE (R) - Very Low
Score: 0.297 • Rank: 82/84



MULTI-HAZARD EXPOSURE (MHE) - Low
Score: 0.577 • Rank: 53/84



VULNERABILITY (V) - Very High
Score: 0.7 • Rank: 3/84



COPING CAPACITY (CC) - Very Low
Score: 0.295 • Rank: 83/84



Population (2018)
713,021



Population in Poverty
39.9%



Literate population
89.3%



Access to improved water
51.8%



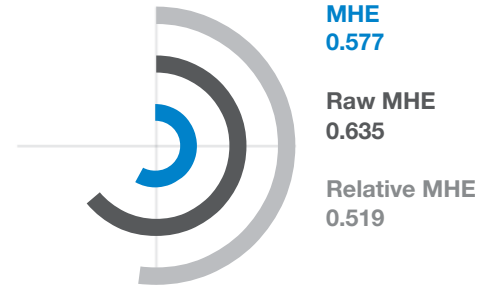
Average life expectancy
64.6 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 53 / 84 PROVINCES
SCORE: 0.577



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

98%

700,393
\$7.1 Billion



Tsunami

-

-

-



Flood

55%

395,366
\$4.7 Billion



Liquefaction

64%

456,202
\$5.2 Billion



Landslide

10%

70,883
\$240.8 Million



Volcano

<1%

4,622
\$30.3 Million



Drought

45%

318,287
\$2.4 Billion



Wildfire

3%

19,396
\$203.5 Million



Storm Surge

2%

13,565
\$154.8 Million



Typhoon Winds

-

-

-



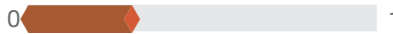
VULNERABILITY (V)

RANK: 3 / 84 PROVINCES ASSESSED
SCORE: 0.7

Vulnerability in Maguindanao is primarily driven by Economic Constraints and Gender Inequality. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.301** **RANK: 74/84 PROVINCES ASSESSED**

1.27 Livestock density
0.21 Barren land (per 10k hectares)
0.88% Forest cover change



Vulnerable Health Status

0  1 **SCORE: 0.437** **RANK: 43/84 PROVINCES ASSESSED**

5.9% Malnutrition among children (0 to 5 years old)
3.02 Infant mortality rate (per 1k live births)
44.67 Maternal mortality rate (per 100k live births)
64.57 Life expectancy
208 Disability (per 100k persons)

5.2 Tuberculosis mortality rate (per 100k persons)
0 HIV mortality rate (per 100k persons)
3.5 Intestinal disease mortality rate (per 100k persons)
1 Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



Clean Water Vulnerability

0  1 **SCORE: 0.823** **RANK: 5/84 PROVINCES ASSESSED**

51.8% Households with improved safe water source
57.3% Households with sanitary toilet facility




Information Access Vulnerability

0  1 **SCORE: 0.735** **RANK: 4/84 PROVINCES ASSESSED**

89.28% Literacy rate (age 10 and older)
95.15% Gross primary school enrollment rate
0.43% Internet Access
72.40% Households with radio
43.36% Households with television



Economic Constraints

0  1 **SCORE: 0.924** **RANK: 4/84** PROVINCES ASSESSED

0.78
Economic
dependency
ratio

39.91%
Poverty
incidence



Gender Inequality

0  1 **SCORE: 0.909** **RANK: 4/84** PROVINCES ASSESSED

1.24
Female to male
secondary school
enrollment Rate

0.35
Labor force
participation ratio



Population Pressures

0  1 **SCORE: 0.771** **RANK: 3/84** PROVINCES ASSESSED

4.22
Population
growth rate
(2010-2015)

13.69
Average annual
urban population
growth rate

3.3%
Informal settlers



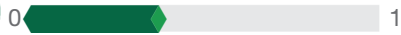
COPING CAPACITY (CC)

RANK: 83 / 84 PROVINCES ASSESSED
SCORE: 0.295

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



Economic Capacity

0  1 **SCORE: 0.371** **RANK: 77/84 PROVINCES ASSESSED**

0.81

Purchasing power of the peso

69.03%

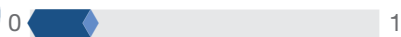
Labor force participation rate

1314.65

Local government annual regular income per capita (Philippine Peso)



Governance

0  1 **SCORE: 0.16** **RANK: 84/84 PROVINCES ASSESSED**

78.2%

Voter participation

32.31


Organized violence (per 100k persons)

4.89%

Garbage pickup



Environmental Capacity

0  1 **SCORE: 0.545** **RANK: 16/84 PROVINCES ASSESSED**

61.01

Protected areas (per 1k ha)

6.3%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.27** **RANK: 81/84** PROVINCES ASSESSED



Health Care Capacity **SCORE: 0.417** **RANK: 60/84** PROVINCES ASSESSED

5.24	1.9	57.33%	6.02
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



Transportation Capacity **SCORE: 0.466** **RANK: 48/84** PROVINCES ASSESSED

0.44	12.72
Road density (km per sq. km)	Average distance to nearest port (km)



Communications Capacity **SCORE: 0.148** **RANK: 82/84** PROVINCES ASSESSED

0.7%	61%
Households with a landline	Mobile coverage



Energy Capacity **SCORE: 0.203** **RANK: 81/84** PROVINCES ASSESSED

46.3%	5.0%
Households with electricity	Households with gas



Emergency Services Capacity **SCORE: 0.155** **RANK: 79/84** PROVINCES ASSESSED

0	1.71	0.81
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 82 / 84 PROVINCES ASSESSED
SCORE: 0.297

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

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



Economic Constraints



Gender Inequality



Communications Capacity



Emergency Services Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 1 / 84 PROVINCES ASSESSED
SCORE: 0.507



Tsunami

RANK: 54 / 84 PROVINCES ASSESSED
SCORE: 0



Flood

RANK: 1 / 84 PROVINCES ASSESSED
SCORE: 0.391



Liquefaction

RANK: 1 / 84 PROVINCES ASSESSED
SCORE: 0.459



Landslide

RANK: 15 / 84 PROVINCES ASSESSED
SCORE: 0.284



Volcano

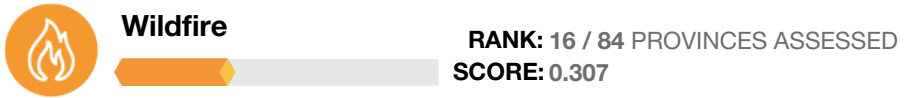
RANK: 15 / 84 PROVINCES ASSESSED
SCORE: 0.21



Drought

RANK: 4 / 84 PROVINCES ASSESSED
SCORE: 0.431

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

1 / 84
RANK WITHIN PROVINCES
Score: 0.661

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

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

PROVINCE SCORE
COUNTRY SCORE



MAGUINDANAO RECOMMENDATIONS

1

Economic Constraints

- Maguindanao is ranked 4th highest in the Philippines for economic constraints vulnerability. In Maguindanao poverty rate is 40%. Focus efforts on engaging 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.
- Continue promoting industries that create gainful work that is attractive to the working age population. Promote equal opportunity job growth and empower women to join the labor force.

2

Gender Inequality

- Maguindanao is ranked 4th highest in the Philippines for gender inequality. Continue efforts to monitor and reduce gender-based discrimination and bias. Focus efforts on enforcing equal employment opportunities and empowering women to continue their education.
- Economic constraints also greatly influence vulnerabilities in Maguindanao. Expand gainful employment opportunities for women to increase the size of the labor force and decrease poverty rates.
- Actively engage women and other marginalized groups in disaster management and community plans. Provide equal opportunities throughout society to reduce disparities and incorporate feedback mechanisms into policies and programs to ensure effective implementation.

3

Communications Capacity

- Maguindanao ranked 3rd lowest in communications capacity. Only 66% of barangays in Maguindanao have cell signal and less than 1% of households have landlines. Focus efforts on increasing communications capacity through investments in infrastructure.
- Work closely with partners to expand the communication network. Ensure that coverage reaches even rural areas and is affordable through market caps or other financial controls. Continue to engage stakeholders and partners to enhance emergency communications plans.

4

Emergency Services Capacity

- Maguindanao is ranked 79th out of the 84 territories for emergency services capacity. There are no government run evacuation centers and 0.81 fire trucks per 100,000 persons. Continue work with partners such as the Philippines Red Cross to expand and enhance emergency service capacity. Focus efforts to establish evacuation centers, as well as increase the number of fire stations and fire trucks to serve the population and increase emergency service capacity.
- Findings show that Maguindanao is ranked highest in multi-hazard risk. Work with stakeholders and partners to increase available funds and capacity for emergency services. Additionally, 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.

**Better solutions.
Fewer disasters.**

Safer world.

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