



THE PHILIPPINES

DAVAO OCCIDENTAL

NDPBA PROVINCE PROFILE

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DAVAO OCCIDENTAL

CAPITAL: MALITA

Area: 2,163 km²

Davao Occidental is the 81st and newest province in the Philippines located in the Davao Region in Mindanao. To the east lies the Davao Gulf. It also shares a maritime border with the Indonesian province of North Sulawesi to the south. The province is the newest province in the Philippines created in 2013. The topography of the region is hilly, rugged, and sloping, with nearly the whole province consisting of mountains. The economy is largely based on aquaculture and agriculture. The produce from the province includes fish, bananas, and coconuts. There are few rice farms in this province due to the hills located in this province.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Low
Score: 0.466 • Rank: 66/84



RESILIENCE (R) - Very Low
Score: 0.455 • Rank: 76/84



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.308 • Rank: 78/84



VULNERABILITY (V) - Very High
Score: 0.531 • Rank: 13/84



COPING CAPACITY (CC) - Very Low
Score: 0.442 • Rank: 75/84



Population (2018)
319,804



Population in Poverty
30.9%



Literate population
90.3%



Access to improved water
75.5%



Average life expectancy
69.2 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 78 / 84 PROVINCES
SCORE: 0.308



MHE
0.308

Raw MHE
0.189

Relative MHE
0.427

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

67%

212,703

\$154.9 Million



Tsunami

1%

3,235

-



Flood

-

-

-



Liquefaction

<1%

898

\$117,487



Landslide

63%

201,883

\$107.4 Million



Volcano

<1%

954

\$532,771



Drought

82%

262,392

\$151.2 Million



Wildfire

-

-

\$23,925



Storm Surge

19%

61,816

\$24.4 Million



Typhoon Winds

-

-

-



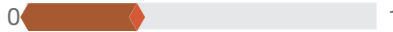
VULNERABILITY (V)

RANK: 13 / 84 PROVINCES ASSESSED
SCORE: 0.531

Vulnerability in Davao Occidental is primarily driven by Gender Inequality and Clean Water Access Vulnerability. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.315** **RANK: 72/84** PROVINCES ASSESSED

1.46 Livestock density
0.1 Barren land (per 10k hectares)
0.61% Forest cover change



Vulnerable Health Status

0  1 **SCORE: 0.431** **RANK: 48/84** PROVINCES ASSESSED

– Malnutrition among children (0 to 5 years old)
2.08 Infant mortality rate (per 1k live births)
224.91 Maternal mortality rate (per 100k live births)
69.15 Life expectancy
337 Disability (per 100k persons)

7.8 Tuberculosis mortality rate (per 100k persons)
0.6 HIV mortality rate (per 100k persons)
3.1 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: 0.729** **RANK: 8/84** PROVINCES ASSESSED

75.5% Households with improved safe water source
61.6% Households with sanitary toilet facility



Information Access Vulnerability

0  1 **SCORE: 0.43** **RANK: 50/84** PROVINCES ASSESSED

90.33% Literacy rate (age 10 and older)
124.24% Gross primary school enrollment rate
8.44% Internet Access
64.54% Households with radio
66.28% Households with television



Economic Constraints



SCORE: 0.685 **RANK: 12/84** PROVINCES ASSESSED

0.69
Economic
dependency
ratio

30.87%
Poverty
incidence



Gender Inequality



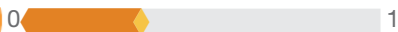
SCORE: 0.802 **RANK: 6/84** PROVINCES ASSESSED

1.16
Female to male
secondary school
enrollment Rate

0.29
Labor force
participation ratio



Population Pressures



SCORE: 0.328 **RANK: 68/84** PROVINCES ASSESSED

1.42
Population
growth rate
(2010-2015)

2.86
Average annual
urban population
growth rate

1.5%
Informal settlers



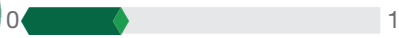
COPING CAPACITY (CC)

RANK: 75 / 84 PROVINCES ASSESSED
SCORE: 0.442

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



Economic Capacity



SCORE: 0.267 **RANK: 83/84 PROVINCES ASSESSED**

–	–	1040.61
Purchasing power of the peso	Labor force participation rate	Local government annual regular income per capita (Philippine Peso)



Governance



SCORE: 0.611 **RANK: 50/84 PROVINCES ASSESSED**

75.4%	2.42	50.01%
Voter participation	Organized violence (per 100k persons)	Garbage pickup



Environmental Capacity



SCORE: 0.629 **RANK: 7/84 PROVINCES ASSESSED**

66.64	14.0%
Protected areas (per 1k ha)	Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.385 RANK: 79/84 PROVINCES ASSESSED**



Health Care Capacity SCORE: 0.329 RANK: 72/84 PROVINCES ASSESSED

–	1.46	60.20%	9.58
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



Transportation Capacity SCORE: 0.357 RANK: 67/84 PROVINCES ASSESSED

0.35	19.89
Road density (km per sq. km)	Average distance to nearest port (km)



Communications Capacity SCORE: 0.474 RANK: 69/84 PROVINCES ASSESSED

7.8%	67.6%
Households with a landline	Mobile coverage



Energy Capacity SCORE: 0.668 RANK: 33/84 PROVINCES ASSESSED

77.8%	22.9%
Households with electricity	Households with gas



Emergency Services Capacity SCORE: 0.25 RANK: 73/84 PROVINCES ASSESSED

12.34	0.92	1.23
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 76 / 84 PROVINCES ASSESSED
SCORE: 0.455

Davao Occidental'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:



Gender Inequality



Clean Water Access Vulnerability



Health Care Capacity



Emergency Services Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 70 / 84 PROVINCES ASSESSED
SCORE: 0.183



Tsunami

RANK: 31 / 84 PROVINCES ASSESSED
SCORE: 0.097



Flood

RANK: 74 / 84 PROVINCES ASSESSED
SCORE: 0.000



Liquefaction

RANK: 80 / 84 PROVINCES ASSESSED
SCORE: 0.011



Landslide

RANK: 4 / 84 PROVINCES ASSESSED
SCORE: 0.384



Volcano

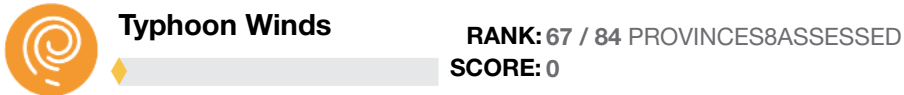
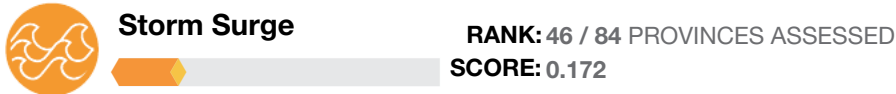
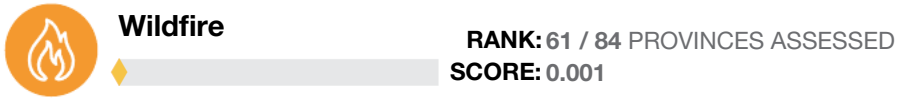
RANK: 52 / 84 PROVINCES ASSESSED
SCORE: 0.086



Drought

RANK: 7 / 84 PROVINCES ASSESSED
SCORE: 0.415

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

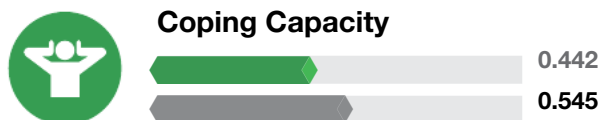
66 / 84
RANK WITHIN PROVINCES
Score: 0.466



Davao Occidental’s score and ranking are due to Very 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



DAVAO OCCIDENTAL RECOMMENDATIONS

1

Gender Inequality

- Continue efforts to monitor and reduce gender-based discrimination and bias. Davao Occidental is ranked 2nd highest for inequalities in gender-based labor force participation. Focus efforts on enforcing equal employment opportunities and expanding gainful work to encourage participation.
- 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.

2

Clean Water Access Vulnerability

- The results show that in Davao Occidental 82% of the population are exposed to drought hazards and 63% are exposed to landslides. Droughts and landslides negatively impact surface water availability and quality. Invest in improved water and sanitation infrastructure to reduce vulnerabilities. Ensure water infrastructure projects also incorporate remote and rural communities.

3

Health Care Capacity

- Davao Occidental ranks 83rd out of 84 territories in the Philippines. In Davao Occidental there are 0.54 hospital beds per 10,000 persons, the second lowest in the country. Focus efforts on work with local and international partners to increase health care capacity. Invest in more hospital beds, as well as new and improved hospitals. Other priorities should include greater funding for 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.

4

Emergency Services Capacity

- Davao Occidental is ranked 73rd out of 84 territories for 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.

**Better solutions.
Fewer disasters.**

Safer world.

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