



THE PHILIPPINES

OCCIDENTAL MINDORO

NDPBA PROVINCE PROFILE

THE PHILIPPINES OCCIDENTAL MINDORO

CAPITAL: MAMBURAO

Area: 5,851 km²

Oriental Mindoro the Philippines located on the island of Mindoro about 140 kilometers southwest of Manila. It covers a total are of 4,200 square kilometers on the eastern section of Mindoro Island. The western portion of the island is mountainous and rugged while the eastern portion contains flood plains and hills. The province has no distinct wet or dry season and is largely agriculture based with a large production of rice, corn, coconut, vegetables, and fruits such as bananas.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - High
Score: 0.527 • Rank: 29/84



RESILIENCE (R) - Low
Score: 0.54 • Rank: 57/84



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.660 • Rank: 28/84



VULNERABILITY (V) - Very High
Score: 0.535 • Rank: 12/84



COPING CAPACITY (CC) - Very High
Score: 0.615 • Rank: 16/84



Population (2018)
509,744



Population in Poverty
16.1%



Literate population
96.4%



Access to improved water
93.1%



Average life expectancy
66.6 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 28 / 84 PROVINCES
SCORE: 0.660



MHE
0.660

Raw MHE
0.505

Relative MHE
0.816

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

78%

396,699

\$1.1 Billion



Tsunami

1%

7,607

\$7.6 Million



Flood

86%

435,832

\$1.1 Billion



Liquefaction

50%

253,862

\$728.5 Million



Landslide

12%

61,925

\$129.2 Million



Volcano

<1%

366

\$637,485



Drought

<1%

1,776

\$3.5 Million



Wildfire

29%

145,385

\$444.9 Million



Storm Surge

44%

225,885

\$343.8 Million



Typhoon Winds

100%

508,887

\$1.2 Billion



VULNERABILITY (V)

RANK: 12 / 84 PROVINCES ASSESSED
SCORE: 0.535

Vulnerability in Occidental Mindoro is primarily driven by Vulnerable Health Status and Environmental Stress. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.613** **RANK: 13/84 PROVINCES ASSESSED**

1.67 **115.6** **0.31%**
 Livestock density Barren land (per 10k hectares) Forest cover change



Vulnerable Health Status

0  1 **SCORE: 0.682** **RANK: 3/84 PROVINCES ASSESSED**

6.9% **20.35** **65.11** **66.61** **640**
 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)

41.6 **0.4** **9.2** **1.4**
 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: 0.504** **RANK: 27/84 PROVINCES ASSESSED**

93.1% **77.5%**
 Households with improved safe water source Households with sanitary toilet facility



Information Access Vulnerability

0  1 **SCORE: 0.558** **RANK: 21/84 PROVINCES ASSESSED**

96.35% **120.10%** **2.64%** **47.98%** **54.89%**
 Literacy rate (age 10 and older) Gross primary school enrollment rate Internet Access Households with radio Households with television



Economic Constraints



SCORE: 0.502 **RANK: 28/84** PROVINCES ASSESSED

0.69
Economic
dependency
ratio

16.06%
Poverty
incidence



Gender Inequality



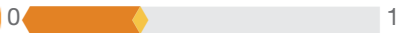
SCORE: 0.565 **RANK: 18/84** PROVINCES ASSESSED

1.1
Female to male
secondary school
enrollment Rate

0.41
Labor force
participation ratio



Population Pressures



SCORE: 0.32 **RANK: 71/84** PROVINCES ASSESSED

1.4
Population
growth rate
(2010-2015)

3.13
Average annual
urban population
growth rate

1.4%
Informal settlers




COPING CAPACITY (CC)

RANK: 16 / 84 PROVINCES ASSESSED
SCORE: 0.615

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



Economic Capacity

0  1 **SCORE: 0.715** **RANK: 10/84 PROVINCES ASSESSED**

0.93

Purchasing power of the peso

68.01%


Labor force participation rate

2287.62

Local government annual regular income per capita (Philippine Peso)



Governance

0  1 **SCORE: 0.579** **RANK: 62/84 PROVINCES ASSESSED**

80.0%

Voter participation

4.16

Organized violence (per 100k persons)

15.10%

Garbage pickup



Environmental Capacity

0  1 **SCORE: 0.796** **RANK: 1/84 PROVINCES ASSESSED**

322.84

Protected areas (per 1k ha)

21.1%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.492 RANK: 60/84 PROVINCES ASSESSED**



Health Care Capacity SCORE: 0.371 RANK: 69/84 PROVINCES ASSESSED

3.47	1.22	61.22%	6.78
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



Transportation Capacity SCORE: 0.417 RANK: 58/84 PROVINCES ASSESSED

0.45	18
Road density (km per sq. km)	Average distance to nearest port (km)



Communications Capacity SCORE: 0.659 RANK: 46/84 PROVINCES ASSESSED

1.3%	96.9%
Households with a landline	Mobile coverage



Energy Capacity SCORE: 0.51 RANK: 62/84 PROVINCES ASSESSED

68.4%	12.5%
Households with electricity	Households with gas



Emergency Services Capacity SCORE: 0.501 RANK: 33/84 PROVINCES ASSESSED

17.26	1.6	4.21
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 57 / 84 PROVINCES ASSESSED
SCORE: 0.54

Occidental Mindoro’s score and ranking are due to Very High Vulnerability combined with Very High Coping Capacity scores.

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



Vulnerable Health Status



Environmental Stress



Health Care Capacity



Transportation Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 67 / 84 PROVINCES ASSESSED
SCORE: 0.200



Tsunami

RANK: 22 / 84 PROVINCES ASSESSED
SCORE: 0.132



Flood

RANK: 18 / 84 PROVINCES ASSESSED
SCORE: 0.285



Liquefaction

RANK: 33 / 84 PROVINCES ASSESSED
SCORE: 0.21



Landslide

RANK: 46 / 84 PROVINCES ASSESSED
SCORE: 0.205



Volcano

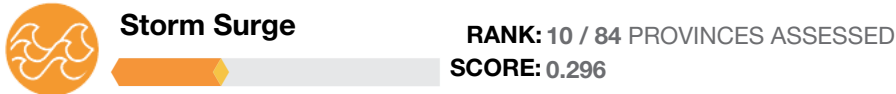
RANK: 61 / 84 PROVINCES ASSESSED
SCORE: 0.062



Drought

RANK: 55 / 84 PROVINCES ASSESSED
SCORE: 0.077

(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

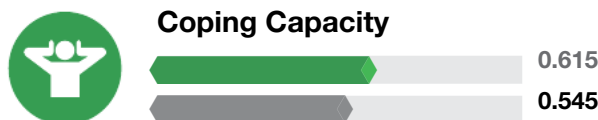
29 / 84
RANK WITHIN PROVINCES
Score: 0.527



Occidental Mindoro's score and ranking are due to High Multi-hazard exposure combined with Very High Vulnerability and Very High Coping Capacity scores.

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

PROVINCE SCORE
COUNTRY SCORE



OCCIDENTAL MINDORO RECOMMENDATIONS

1

Vulnerable Health Status

- Occidental Mindoro ranked 3rd highest in vulnerable health status and 2nd highest in infectious disease vulnerability. Increase community surveillance and expand care for those suffering from communicable diseases.
- Work toward increasing the health of the population through community outreach, increased access to health care and other public health interventions.

2

Environmental Stress

- Occidental Mindoro ranked 8th highest in the Philippines for barren land vulnerability (115.6 hectares per 10,000 hectares). Focus efforts on increasing forest cover, decreasing areas classified as barren land and promoting sustainable agriculture.
- Vulnerable health status is also a major driver of vulnerabilities in Occidental Mindoro. Efforts to enhance the natural and built environment can improve health outcomes by decreasing runoff, mitigating the impacts of climate change and enhancing other ecosystem services.

3

Health Care Capacity

- Findings show that the population of Occidental Mindoro is highly vulnerable to infectious diseases. Focus efforts on increasing community screens, public notifications and specialized care. Supply hospitals with proper resources to care for patients safely and effectively.
- 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.

4

Transportation Capacity

- Continue seaport, airport and road enhancement projects through private-public partnerships. Advocate for transportation network projects through the Department of Public Works to increase evacuation and resource distribution routes, increase access to markets and enhance social connectivity.
- Civil planners should work with risk assessors to establish resilient transportation network plans. Incorporating environmental mitigation plans, equitable access for the population and hazard exposures.
- Ensure that emergency evacuation routes and plans include all transportation projects. Work with partners including HOTOSM and others to ensure mapping of new routes and resources are readily available in the event of a disaster.

**Better solutions.
Fewer disasters.**

Safer world.

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