



THE PHILIPPINES

CITY OF ISABELA

NDPBA PROVINCE PROFILE

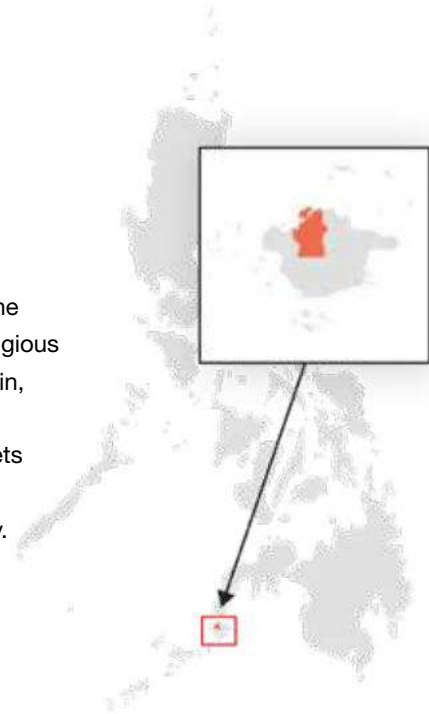
THE PHILIPPINES

CITY OF ISABELA

CAPITAL:

Area: 224 km²

The City of Isabela is located on the northern tip of Basilan off the coast of the Zamboanga Peninsula. The city is considered a melting pot of ethnic and religious groups. Independent from the province of Basilan for which it is located within, Isabela City is a center of many industries. The location and enhanced sea transportation have economically benefited the city through access to markets and increased imports. The City of Isabela produces agricultural and fishery products that are easily exported through trade with nearby Zamboanga City. Laying outside the typhoon belt, Isabela City is primarily exposed to seismic hazards.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low
Score: 0.388 • Rank: 79/84



RESILIENCE (R) - Very Low
Score: 0.46 • Rank: 74/84



MULTI-HAZARD EXPOSURE (MHE) - Very Low
Score: 0.084 • Rank: 83/84



VULNERABILITY (V) - Very High
Score: 0.535 • Rank: 11/84



COPING CAPACITY (CC) - Very Low
Score: 0.454 • Rank: 72/84



Population (2018)
100,965



Population in Poverty
40.6%



Literate population
93.9%



Access to improved water
92.9%



Average life expectancy
64.8 years

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 83 / 84 PROVINCES
SCORE: 0.084



MHE
0.084

Raw MHE
0.079

Relative MHE
0.09

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

78%

79,239

\$430 Million



Tsunami

-

-

-



Flood

-

-

-



Liquefaction

5%

5,167

\$64.5 Million



Landslide

<1%

334

\$11.5 Million



Volcano

-

-

-



Drought

-

-

-



Wildfire

-

-

-



Storm Surge

13%

13,243

\$260.4 Million



Typhoon Winds

-

-

-



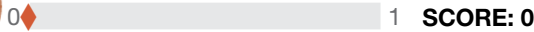
VULNERABILITY (V)

RANK: 11 / 84 PROVINCES ASSESSED
SCORE: 0.535

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



Environmental Stress



RANK: 84/84 PROVINCES ASSESSED

0.44 Livestock density
- Barren land (per 10k hectares)
- Forest cover change



Vulnerable Health Status



RANK: 11/84 PROVINCES ASSESSED

- Malnutrition among children (0 to 5 years old)	7.89 Infant mortality rate (per 1k live births)	232.02 Maternal mortality rate (per 100k live births)	64.76 Life expectancy	250 Disability (per 100k persons)
13.7 Tuberculosis mortality rate (per 100k persons)	0 HIV mortality rate (per 100k persons)	3.4 Intestinal disease mortality rate (per 100k persons)	3.4 Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)	



Clean Water Vulnerability



RANK: 16/84 PROVINCES ASSESSED

92.9% Households with improved safe water source
63.7% Households with sanitary toilet facility



Information Access Vulnerability




RANK: 38/84 PROVINCES ASSESSED

93.87% Literacy rate (age 10 and older)	122.29% Gross primary school enrollment rate	2.40% Internet Access	59.03% Households with radio	72.80% Households with television
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Economic Constraints


0  1 **SCORE: 0.719** **RANK: 8/84** PROVINCES ASSESSED

0.62
Economic
dependency
ratio

40.63%
Poverty
incidence



Gender Inequality

0  1 **SCORE: 0.583** **RANK: 14/84** PROVINCES ASSESSED

1.12
Female to male
secondary school
enrollment Rate

0.43
Labor force
participation ratio



Population Pressures

0  1 **SCORE: 0.791** **RANK: 2/84** PROVINCES ASSESSED

2.74
Population
growth rate
(2010-2015)

14.63
Average annual
urban population
growth rate

4.3%
Informal settlers




COPING CAPACITY (CC)

RANK: 72 / 84 PROVINCES ASSESSED
SCORE: 0.454

City of Isabela exhibits weaker Coping Capacity in the areas of Emergency Services 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: 0.537** **RANK: 33/84 PROVINCES ASSESSED**

-	55.62%	4010.53
Purchasing power of the peso	Labor force participation rate	Local government annual regular income per capita (Philippine Peso)



Governance

0  1 **SCORE: 0.429** **RANK: 77/84 PROVINCES ASSESSED**

80.8%	23.77	34.52%
Voter participation	Organized violence (per 100k persons)	Garbage pickup



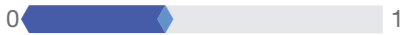
Environmental Capacity

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

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



Infrastructure Capacity



SCORE: 0.396 RANK: 77/84 PROVINCES ASSESSED



Health Care Capacity

SCORE: 0.408 RANK: 63/84 PROVINCES ASSESSED

0.92

Hopital beds
(per 10k people)

2.69

Physicians per
10,000 people

71.42%

Vaccination
coverage

8.34

Average distance to nearest
hospital (km)



Transportation Capacity

SCORE: 0.184 RANK: 82/84 PROVINCES ASSESSED

0.96

Road density
(km per sq. km)

53.97

Average distance to
nearest port (km)



Communications Capacity

SCORE: 0.457 RANK: 70/84 PROVINCES ASSESSED

2.5%

Households with a landline

75.6%

Mobile coverage



Energy Capacity

SCORE: 0.572 RANK: 51/84 PROVINCES ASSESSED

82.8%

Households with electricity

7.9%

Households with gas



Emergency Services Capacity

SCORE: 0.052 RANK: 83/84 PROVINCES ASSESSED

0

Evacuation centers
(per 100k persons)

0.84

Fire Stations
(per 100k persons)

0.84

Fire Trucks
(per 100k persons)



RESILIENCE (R)

RANK: 74 / 84 PROVINCES ASSESSED
SCORE: 0.46

City of Isabela'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:



Population Pressures



Economic Constraints



Emergency Services Capacity



Transportation Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 75 / 84 PROVINCES ASSESSED
SCORE: 0.122



Tsunami

RANK: 54 / 84 PROVINCES ASSESSED
SCORE: 0



Flood

RANK: 74 / 84 PROVINCES ASSESSED
SCORE: 0.000



Liquefaction

RANK: 76 / 84 PROVINCES ASSESSED
SCORE: 0.045



Landslide

RANK: 81 / 84 PROVINCES ASSESSED
SCORE: 0.050



Volcano

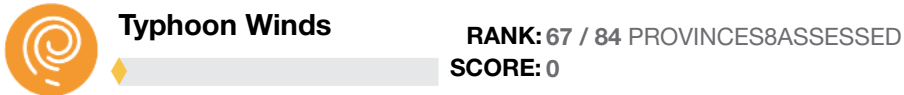
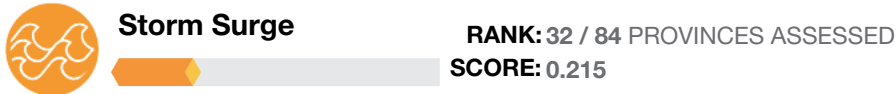
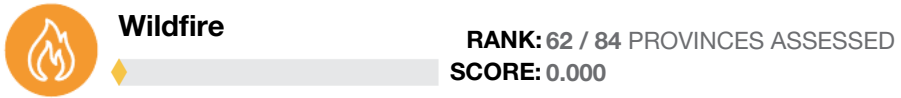
RANK: 68 / 84 PROVINCES ASSESSED
SCORE: 0



Drought

RANK: 58 / 84 PROVINCES ASSESSED
SCORE: 0.000

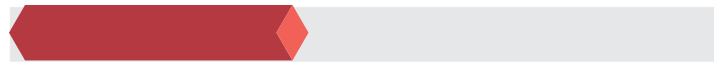
(HAZARD-SPECIFIC RISK CONTINUED)



MULTI-HAZARD RISK (MHR)

79 / 84

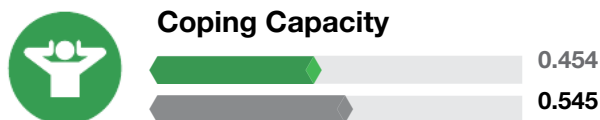
RANK WITHIN PROVINCES
Score: 0.388



City of Isabela’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



CITY OF ISABELA RECOMMENDATIONS

1

Population Pressures

- The City of Isabela is ranked the 2nd highest in the Philippines for population pressures. More than 4% of the population are considered informal settlers, which ranks as the 2nd highest in the country. 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.
- Work with diverse partners to help stimulate the economy to support increased demands for the growing population. Ensure equitable distribution of resources and services for rural and urban areas.

2

Economic Constraints

- The city is ranked 5th highest in poverty rate, which represents 40% 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.
- Invest in small and local businesses, especially in rural and remote areas. Promote the growth of industries that create gainful work, to prevent outmigration of the working age population.

3

Emergency Services Capacity

- The City of Isabela is ranked 83rd out of the 84 territories for emergency services capacity. There are no local government run evacuation shelters and 0.84 fire stations per 100,000 persons. Continue work with partners such as the Philippines Red Cross to expand and enhance emergency service capacity. Focus efforts on establishing evacuation centers, as well as increasing the number of 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

Transportation Capacity

- The City of Isabela is ranked 82nd out of 84 territories for transportation capacity. The average distance between ports and populated places is 53.97 kilometers, the second highest in the country. 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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