

THE PHILIPPINES —

NDPBA PROVINCE PROFILE



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THE PHILIPPINES

CAPITAL: CITY OF SAN FERNANDO

Area: 1,499 km²

La Union is a province in the Philippines located in the Ilocos Region in the island of Luzon. Its capital is San Fernando, which also serves as the regional center of the whole Ilocos Region. It is bordered by Ilocos Sur to the north, Benguet to the east, Pangasinan to the south and to the west by the shores of the South China Sea. The economy is primarily tourism based along with a small amount of manufacturing.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low Score: 0.455 • Rank: 72/84



RESILIENCE (R) - Very High Score: 0.646 • Rank: 9/84



MULTI-HAZARD EXPOSURE (MHE) - High Score: 0.657 • Rank: 30/84



VULNERABILITY (V) - Very Low Score: 0.357 • Rank: 68/84



COPING CAPACITY (CC) - Very High Score: 0.649 • Rank: 8/84

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



Population (2018) 774,794



Population in Poverty 2.9%



Literate population 99.2%



Access to improved water 92.6%

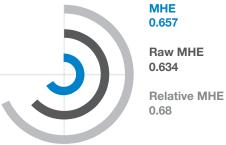


Average life expectancy

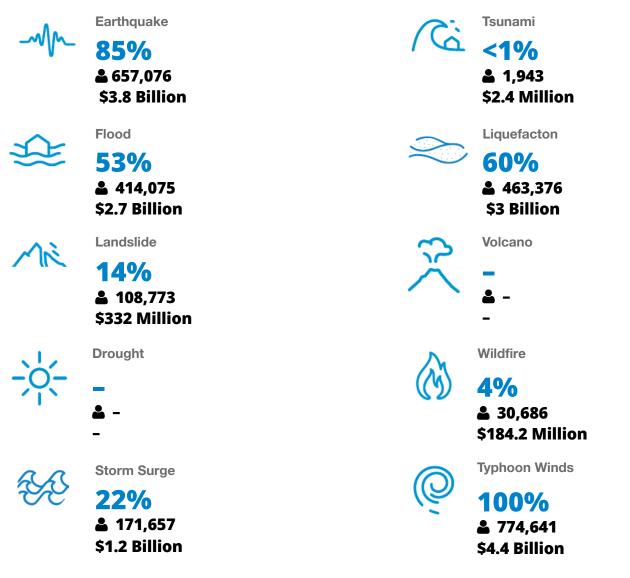
69.3 years



RANK: 30 / 84 PROVINCES SCORE: 0.657



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:

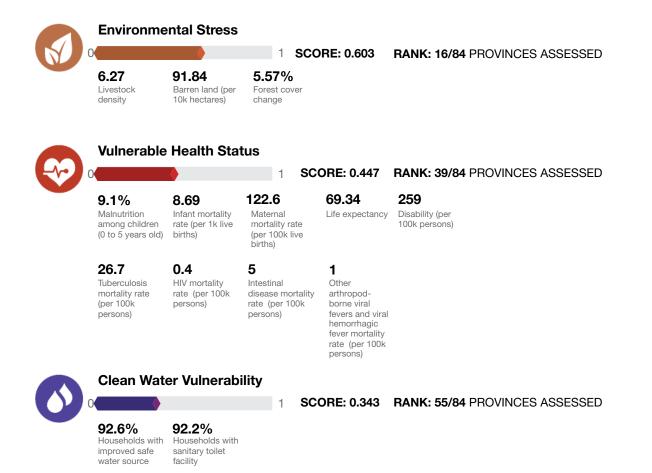




VULNERABILITY (V)

RANK: 68 / 84 PROVINCES ASSESSED SCORE: 0.357

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



Information Access Vulnerability

1 SCORE: 0.351 RANK: 66/84 PROVINCES ASSESSED

99.15% Literacy rate (age 10 and older)

104.71% Gross primary school enrollment rate

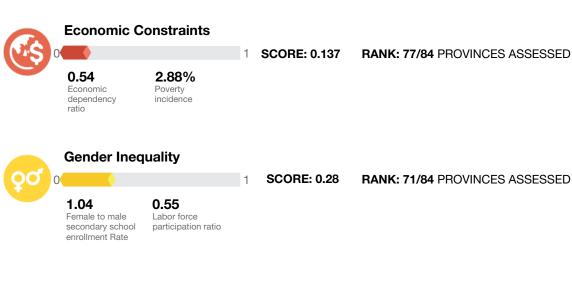
7.58% Internet Access

72.28%

Households

with radio

79.00% Households with television





Population Pressures

1.12 Population growth rate (2010-2015)

11.98 Average annual urban population growth rate

1.0%

1

RANK: 64/84 PROVINCES ASSESSED

Informal settlers

SCORE: 0.34

COPING CAPACITY (CC)

RANK: 8 / 84 PROVINCES ASSESSED SCORE: 0.649

La Union 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.



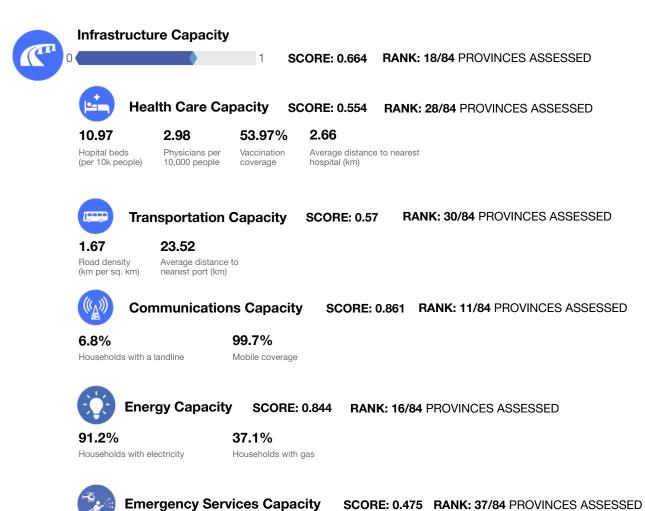


Environmental Capacity

77.5 Protected areas (per 1k ha) **0.3%** Forest reserves

100k persons)

1 SCORE: 0.377 RANK: 43/84 PROVINCES ASSESSED



27.49 Evacuation centers

(per 100k persons)

1.99 Fire Stations (per 100k persons) **2.49** Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 9 / 84 PROVINCES ASSESSED SCORE: 0.646

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

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



Stress





Vulnerable Health

Status



Emergency Services Capacity



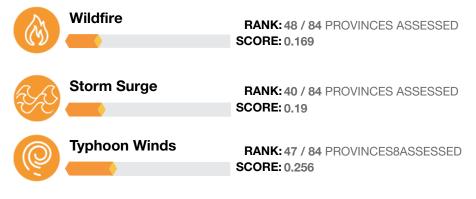


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HAZARD-SPECIFIC RISK (HSR)

| Earthquake | RANK:68 / 84 PROVINCES ASSESSED SCORE:0.192 |
|--------------|--|
| Tsunami | RANK:39 / 84 PROVINCES ASSESSED SCORE:0.072 |
| Flood | RANK: 42 / 84 PROVINCES ASSESSED SCORE: 0.181 |
| Liquefaction | RANK: 31 / 84 PROVINCES ASSESSED SCORE: 0.211 |
| Landslide | RANK: 57 / 84 PROVINCES ASSESSED SCORE: 0.177 |
| Volcano | RANK: 68 / 84 PROVINCES ASSESSED SCORE: 0 |
| Drought | RANK: 58 / 84 PROVINCES ASSESSED SCORE: 0.000 |

(HAZARD-SPECIFIC RISK CONTINUED)

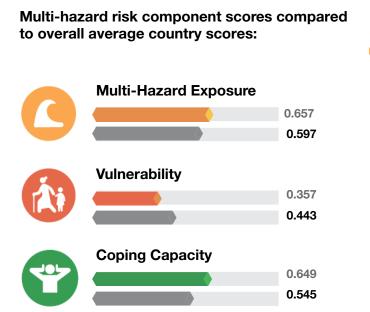




MULTI-HAZARD RISK (MHR)

72 / 84 RANK WITHIN PROVINCES Score: 0.455

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





LA UNION RECOMMENDATIONS



Environmental Stress

 Vulnerable health status is also a major driver of vulnerabilities in La Union. 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. Focus efforts on increasing forest cover, decreasing areas classified as bar en land and promoting sustainable agriculture.



Vulnerable Health Status

 In La Union, vulnerable health status is a major driver of vulnerability. Work toward increasing the health of the population through community outreach, increased access to health care and other public health interventions. Continue monitoring for and providing care for those suffering from communicable diseases.



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, fi e stations and fi e 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 e fective
 coordination at all levels of government, as well as with partners.



Transportation Capacity

- The average distance between ports and populated places in La Union is 23.52 kilometers. 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.



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