

THE PHILIPPINES

NDPBA PROVINCE PROFILE



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THE PHILIPPINES

CAPITAL: SANTA CRUZ

Area: 1,928 km²

Laguna is a province in the Philippines located in the Calabarzon region in Luzon. Laguna is southeast of Metro Manila, south of the province of Rizal, west of Quezon, north of Batangas and east of Cavite. Laguna hugs the southern shores of Laguna de Bay, the largest lake in the country. The province is home to 24 mountains most of which are inactive volcances. The economy is based on a mix of tourism and agriculture with the main goods being coconuts, rice, sugar, citrus fruits, and various other products.



RISK AND VULNERABILITY COMPONENT SCORE





COPING CAPACITY (CC) - High Score: 0.599 • Rank: 19/84

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



Population (2018) 3,038,118



Population in Poverty 2.7%



Literate population **99.6%**



Access to improved water 90.3%

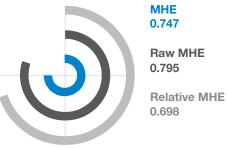


Average life expectancy

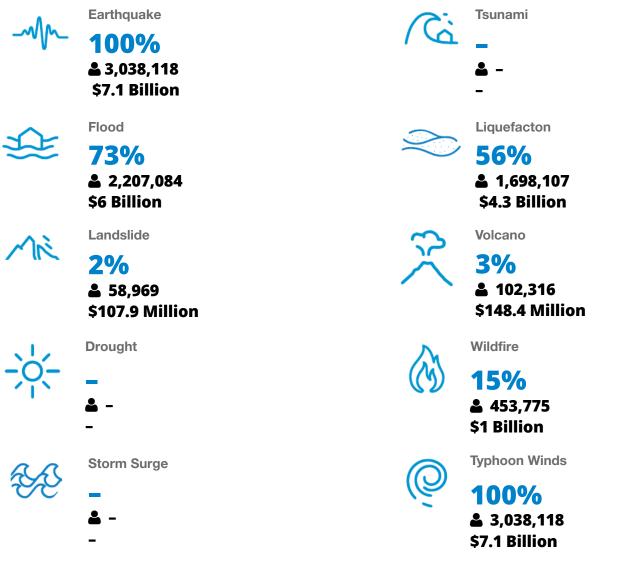
70.2 years



RANK: 17 / 84 PROVINCES SCORE: 0.747



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:





VULNERABILITY (V)

RANK: 79 / 84 PROVINCES ASSESSED SCORE: 0.311

Vulnerability in Laguna is primarily driven by Environmental Stress and Population Pressures. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.

	Environmental Stress					
	3.93 Livestock density	2.81 Barren land (per 10k hectares)	1.70% Forest cover change	JRE: 0.456	RANK: 48/84 PROVINCES ASSESSED	
		Health Stat		ORE: 0.301	RANK: 73/84 PROVINCES ASSESSED	
	7.7% Malnutrition among children (0 to 5 years old)	9 Infant mortality rate (per 1k live births)	33.85 Maternal mortality rate (per 100k live births)	70.19 Life expectancy	76 Disability (per 100k persons)	
	33.3 Tuberculosis mortality rate (per 100k persons)	O HIV mortality rate (per 100k persons)	3.7 Intestinal disease mortality rate (per 100k persons)	1.5 Other arthropod- borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)		
6	Clean Wate	er Vulnerabi		ORE: 0.393	RANK: 46/84 PROVINCES ASSESSED	

90.3% Households with improved safe water source

91.0% Households with sanitary toilet facility

Information Access Vulnerability

1 SCORE: 0.233 RANK: 78/84 PROVINCES ASSESSED 12.48% 66.48% 90.19% Internet Access Households Households with radio

99.64% Literacy rate (age 10 and older)

108.30% Gross primary school enrollment rate

with television



Economic Constraints

0.49 Economic dependency ratio

2.70% Poverty

incidence



Gender Inequality 0

1.08 Female to male secondary school enrollment Rate

2.47

Population

0.63 Labor force participation ratio

n

3.68 Average annual urban population growth rate growth rate (2010-2015)

Population Pressures

1 SCORE: 0.063

RANK: 83/84 PROVINCES ASSESSED

1

SCORE: 0.279 RANK: 72/84 PROVINCES ASSESSED

SCORE: 0.453 RANK: 26/84 PROVINCES ASSESSED 1

1.6% Informal settlers

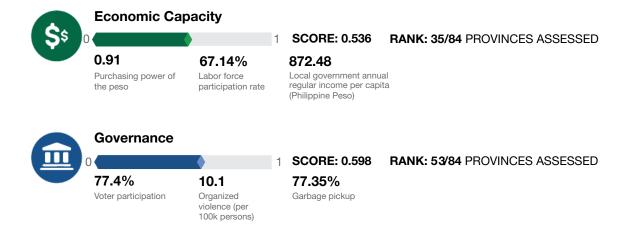
PROVINCIAL PROFILE



COPING CAPACITY (CC)

RANK: 19 / 84 PROVINCES ASSESSED SCORE: 0.599

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

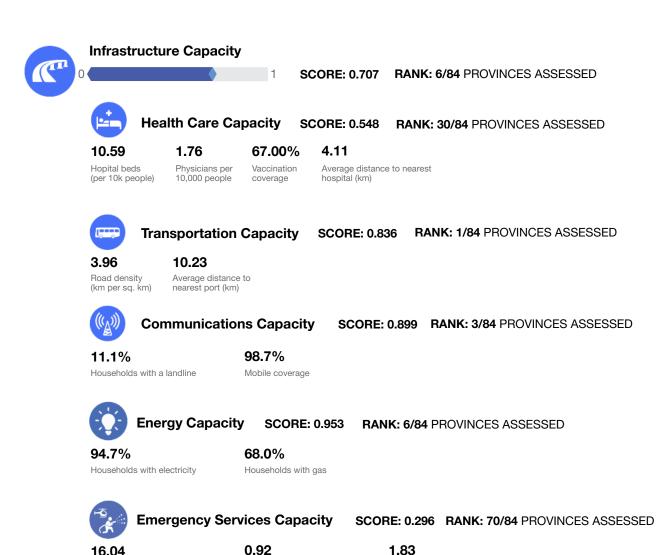




Environmental Capacity

15.28 Protected areas (per 1k ha) **8.8%** Forest reserves 1 SCORE: 0.47

RANK: 31/84 PROVINCES ASSESSED



16.04 Evacuation centers (per 100k persons) **0.92** Fire Stations (per 100k persons)

Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 10 / 84 PROVINCES ASSESSED SCORE: 0.644

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

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



Stress



Population

Pressures







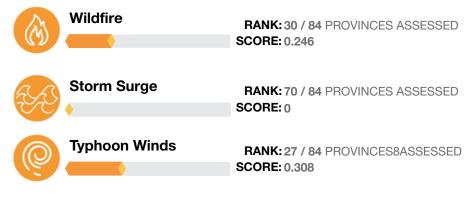


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HAZARD-SPECIFIC RISK (HSR)

Earthquake	RANK: 30 / 84 PROVINCES ASSESSED SCORE: 0.303
Tsunami	RANK: 54 / 84 PROVINCES ASSESSED SCORE: 0
Flood	RANK: 17 / 84 PROVINCES ASSESSED SCORE: 0.285
Liquefaction	RANK: 22 / 84 PROVINCES ASSESSED SCORE: 0.237
Landslide	RANK: 77 / 84 PROVINCES ASSESSED SCORE: 0.093
Volcano	RANK: 19 / 84 PROVINCES ASSESSED SCORE: 0.17
Drought	RANK: 58 / 84 PROVINCES ASSESSED SCORE: 0.000

(HAZARD-SPECIFIC RISK CONTINUED)

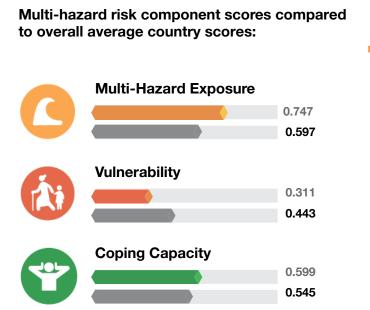




MULTI-HAZARD RISK (MHR)

51 / 84 RANK WITHIN PROVINCES Score: 0.486

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





LAGUNA RECOMMENDATIONS



Environmental Stress

Population pressures are also a major driver of vulnerability in Laguna. Promoting sustainable
agriculture and protection of natural areas will ensure resource production can keep up
with increased demands as the population grows. Focus efforts on increasing forest cover,
decreasing areas classified as bar en land and promoting sustainable agriculture.



Population Pressures

- Continue to monitor the growth of the population and plan resource allocation appropriately. Work with diverse partners to help stimulate the economy to support increased demands. Ensure equitable distribution of resources and services.
- Environmental stress is already leading to vulnerabilities in Laguna. Enforce building codes and environmental protection laws to ensure expansion is sustainable. Also, focus efforts on bringing in funds and innovations for enhancing the built environment.



Emergency Services Capacity

- In Laguna, there are 0.92 fi e stations per 100,000 persons, which is the 8th lowest in the Philippines. Continue work with partners such as the Philippines Red Cross to expand and enhance emergency service capacity. Focus efforts on increasing 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.



Economic Capacity

Laguna ranked 79th out of the 84 territories in annual regular income per capita (872.5 pesos per capita). Continue to encourage programs that diversify the economy in Laguna to generate public revenue and create new job opportunities. Pursue policies that balance inflation rates and c eate equal opportunities for employment.



Better solutions. Fewer disasters.

Scifer world.

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