



ARGENTINA

CATAMARCA

NDPBA PROVINCE PROFILE

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CATAMARCA

CAPITAL: SAN FERNANDO DEL VALLE DE CATAMARCA

Area: 101,876 km²

Catamarca Province is located in the Noroeste Argentino (NOA) region of Argentina. This Province is divided into 16 Provinces, the Capital being Catamarca. The Province borders Chile and the Provinces of Salta, Tucumán, Santiago del Estero, Córdoba and La Rioja. The main economic sources are livestock and mining.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Low

Score: 0.464 • Rank: 17/24



RESILIENCE (R) - Moderate

Score: 0.496 • Rank: 10/24



MULTI-HAZARD EXPOSURE (MHE) - Low

Score: 0.384 • Rank: 16/24



VULNERABILITY (V) - Low

Score: 0.489 • Rank: 15/24



COPING CAPACITY (CC) - Moderate

Score: 0.480 • Rank: 10/24



Population (2018)

408,152



Population in Poverty

35.5%



Illiterate population

2.0%



Access to improved water

93.1%



Average life expectancy

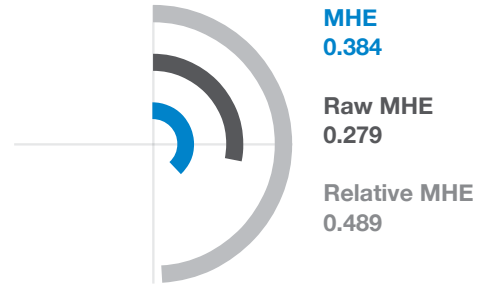
76.0 years

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

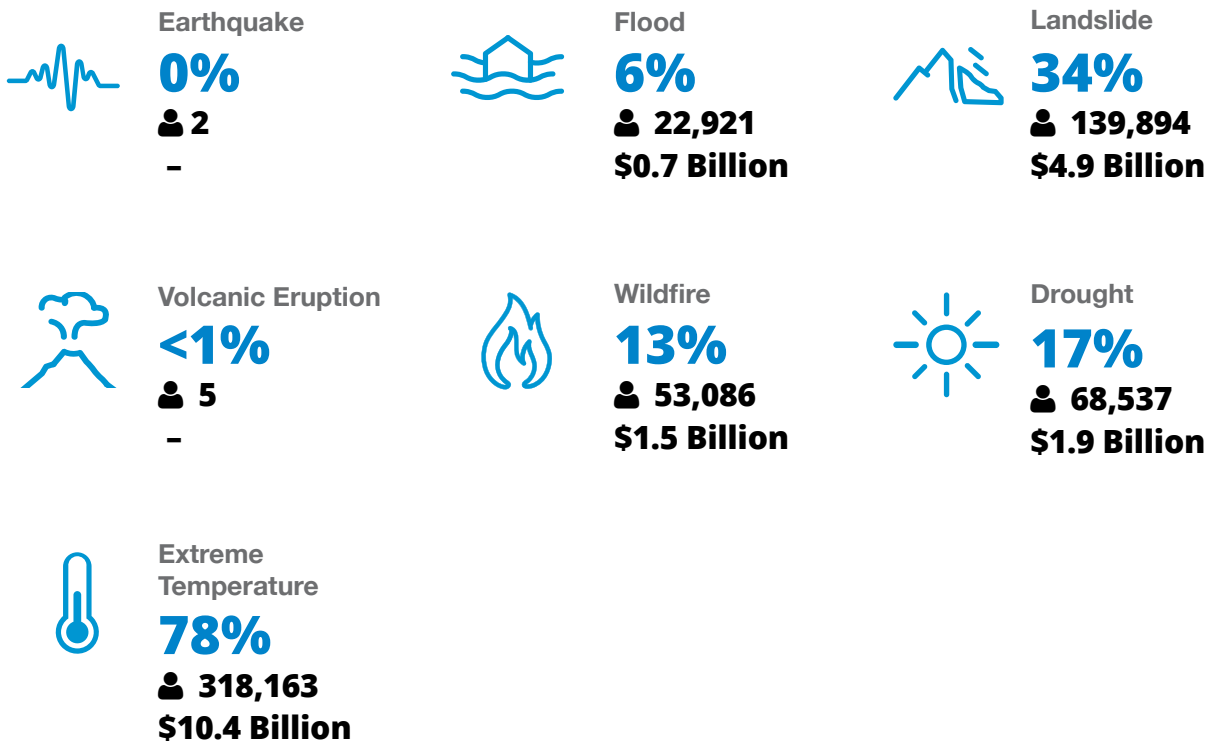


MULTI-HAZARD EXPOSURE (MHE)

RANK: 16 / 24 PROVINCES
SCORE: 0.384



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:





VULNERABILITY (V)

RANK: 15 / 24 PROVINCES ASSESSED
SCORE: 0.489

Vulnerability in Catamarca is primarily driven by Gender Inequality and Economic Constraints. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

SCORE: 0.403 RANK: 20/24 PROVINCES ASSESSED

1.5% **440.2**
Land degradation Land affected by wildfire (per 100k ha)



Vulnerable Health Status

SCORE: 0.566 RANK: 5/24 PROVINCES ASSESSED

76 **11.7** **10.5** **16.1%** **12.7** **4.7**
Life expectancy (years) Infant mortality rate (per 1,000 live births) Maternal mortality ratio Disability HIV incidence Tuberculosis incidence



Clean Water Vulnerability

SCORE: 0.455 RANK: 12/24 PROVINCES ASSESSED

6.9% **55.6%**
Households without piped water Households without sewage services



Information Access Vulnerability

SCORE: 0.239 RANK: 24/24 PROVINCES ASSESSED

2.0% **83.9%** **91.1%** **4.51**
Illiteracy Rate (Age 10+) Secondary education completion rate School enrollment Education investment per capita (million pesos)



Economic Constraints

SCORE: 0.588 RANK: 9/24 PROVINCES ASSESSED

52.9 **7.1%** **35.5%**
Economic dependency ratio Unemployment rate Poverty rate



Gender Inequality

SCORE: 0.732 RANK: 8/24 PROVINCES ASSESSED

2.01 **39.3**
Female to male unemployment Female judiciary seats



Population Pressures

SCORE: 0.436 RANK: 20/24 PROVINCES ASSESSED

1.0%
Average Annual population change



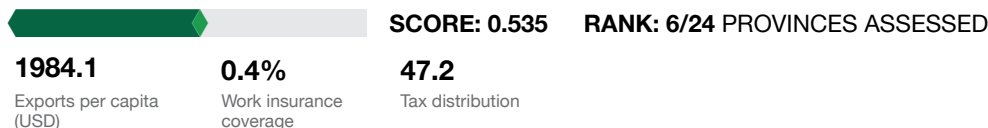
COPING CAPACITY (CC)

RANK: 10 / 24 PROVINCES ASSESSED
SCORE: 0.480

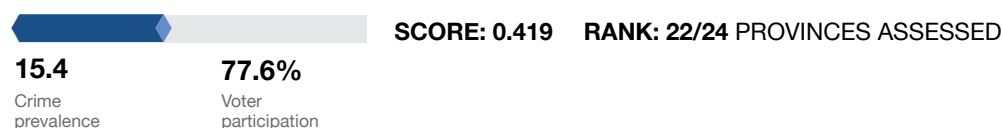
Catamarca exhibits weaker Coping Capacity in the areas of Communications Capacity and Transportation Capacity. The bar chart indicates the socioeconomic themes contributing to the province's overall Coping Capacity score.



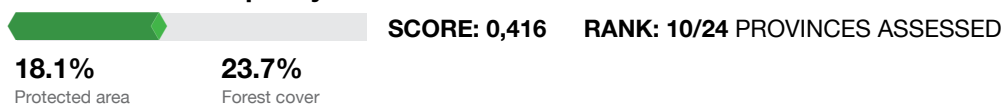
Economic Capacity



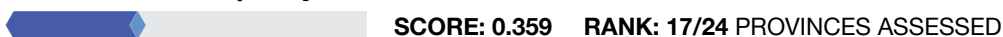
Governance



Environmental Capacity



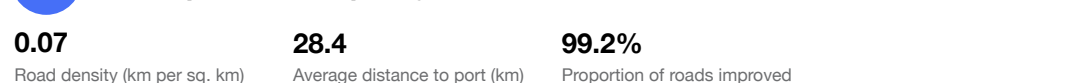
Infrastructure Capacity



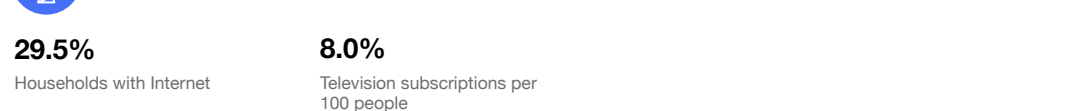
Health Care Capacity



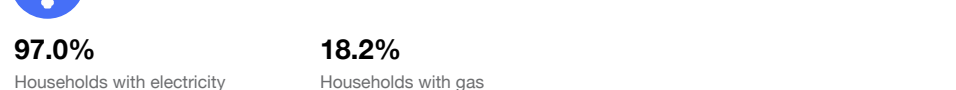
Transportation Capacity



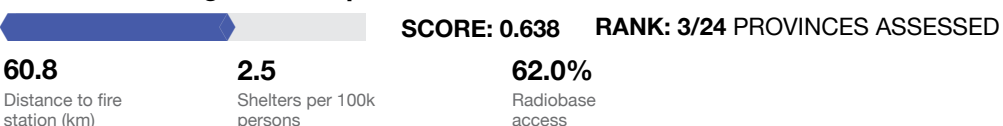
Communications Capacity



Energy Capacity



Disaster Management Capabilities





RESILIENCE (R)

RANK: 10 / 24 PROVINCES
SCORE: 0.496

Catamarca's score and ranking are due to Low Vulnerability combined with Moderate Coping Capacity scores.

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



Gender Inequality



Economic Constraints



Communications Capacity



Transportation Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 12 / 24 PROVINCES ASSESSED
SCORE: 0.010



Wildfire

RANK: 18 / 24 PROVINCES ASSESSED
SCORE: 0.149



Volcano

RANK: 8 / 24 PROVINCES ASSESSED
SCORE: 0.019



Flood

RANK: 16 / 24 PROVINCES ASSESSED
SCORE: 0.127



Landslide

RANK: 10 / 24 PROVINCES ASSESSED
SCORE: 0.253



Drought

RANK: 15 / 24 PROVINCES ASSESSED
SCORE: 0.196



Extreme Temperature

RANK: 7 / 24 PROVINCES ASSESSED
SCORE: 0.383



MULTI-HAZARD RISK (MHR)

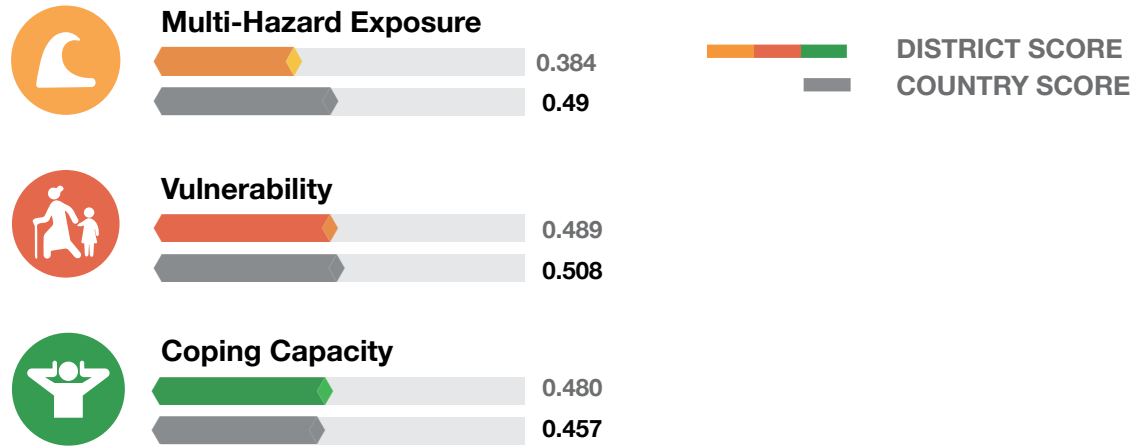
17 / 24

RANK WITHIN PROVINCES
Score: 0.464



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

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



CATAMARCA RECOMMENDATIONS

1

Gender Inequality

Focus efforts to support equal labor participation by diversifying economic opportunities for women in the Province.

Promote social benefit programs that support single parents with children.

Encourage women to participate in the disaster management planning and decision-making process through inclusion community emergency brigades and representation in local government.

2

Economic Constraints

Catamarca Province is among the smallest economies in Argentina, with the 5th highest unemployment and the 9th highest poverty rate. Economic activity in Catamarca is driven primarily by agriculture and mining.

Support new business opportunities to diversify livelihoods and generate prospects for equitable distribution of property and economic assets in the Province.

CATAMARCA RECOMMENDATIONS

3

Communications Capacity

Catamarca ranks 20th in overall Communication Capacity. Just 30% of households have access to the internet, and there are just 8 television subscriptions per 100 people. Pursue public-private partnerships to increase availability and affordability of internet and television communications.

While investing to diversify access to communication technology, officials should broadcast critical information and disaster warnings primarily via alternate media (such as radio) to keep the population informed and ensure that appropriate actions are taken. Catamarca is exposed to Extreme Temperature, Landslide, Drought, and Wildfire, and Flood hazards.

4

Transportation Capacity

Catamarca Province has the lowest overall road density in Argentina, and the local airport is currently insufficient to handle major disaster management logistics needs. The nearest suitable airport is 250 km away in Tucumán.

Increase accessibility, mobility and external resource connectivity to the population by constructing an airfield capable of supporting cargo aircrafts.

**Better solutions.
Fewer disasters.**

Safer world.

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