



ARGENTINA

SAN JUAN

NDPBA PROVINCE PROFILE

ARGENTINA SAN JUAN

CAPITAL: SAN JUAN

Area: 88,290 km²

San Juan Province is located in the Cuyo region of Argentina. This Province is divided into 19 Provinces, the Capital being San Juan. The Province borders Chile and the Provinces of La Rioja, San Luis and Mendoza. The main economic sources are agriculture, wine, food processing and mining.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Moderate

Score: 0.55 • Rank: 10/24



RESILIENCE (R) - Low

Score: 0.427 • Rank: 19/24



MULTI-HAZARD EXPOSURE (MHE) - Moderate

Score: 0.504 • Rank: 11/24



VULNERABILITY (V) - Very High

Score: 0.587 • Rank: 4/24



COPING CAPACITY (CC) - Low

Score: 0.442 • Rank: 16/24



Population (2018)

764,464



Population in Poverty

33.1%



Illiterate population

2.1%



Access to improved water

93.2%



Average life expectancy

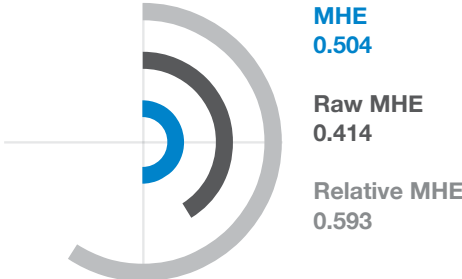
75.2 years

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




MULTI-HAZARD EXPOSURE (MHE)


RANK: 11 / 24 PROVINCES
SCORE: 0.504




ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:




Earthquake
100%
👤 763,854
\$26.4 Billion




Flood
3%
👤 20,867
\$0.6 Billion




Landslide
60%
👤 460,984
\$17.2 Billion




Volcanic Eruption
0%
👤 0
-



Wildfire
14%
👤 102,776
\$3.3 Billion



Drought
<1%
👤 96
-



Extreme Temperature
0%
👤 0
-



VULNERABILITY (V)

RANK: 4 / 24 PROVINCES ASSESSED
SCORE: 0.587

Vulnerability in San Juan 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: 0.501 RANK: 14/24 PROVINCES ASSESSED

3.1% **134.1**
Land degradation Land affected by wildfire (per 100k ha)



Vulnerable Health Status

SCORE: 0.365 RANK: 13/24 PROVINCES ASSESSED

75.2 **8.1** **2.9** **15.4%** **12.7** **6.5**
Life expectancy (years) Infant mortality rate (per 1,000 live births) Maternal mortality ratio Disability HIV incidence Tuberculosis incidence



Clean Water Vulnerability

SCORE: 0.547 RANK: 7/24 PROVINCES ASSESSED

6.8% **70.5%**
Households without piped water Households without sewage services



Information Access Vulnerability

SCORE: 0.56 RANK: 9/24 PROVINCES ASSESSED

2.1% **73.1%** **87.2%** **3.36**
Illiteracy Rate (Age 10+) Secondary education completion rate School enrollment Education investment per capita (million pesos)



Economic Constraints

SCORE: 0.793 RANK: 2/24 PROVINCES ASSESSED

57 **7.8%** **33.1%**
Economic dependency ratio Unemployment rate Poverty rate



Gender Inequality

SCORE: 0.835 RANK: 3/24 PROVINCES ASSESSED

2.07 **33.7**
Female to male unemployment Female judiciary seats



Population Pressures

SCORE: 0.51 RANK: 12/24 PROVINCES ASSESSED

1.2%
Average Annual population change



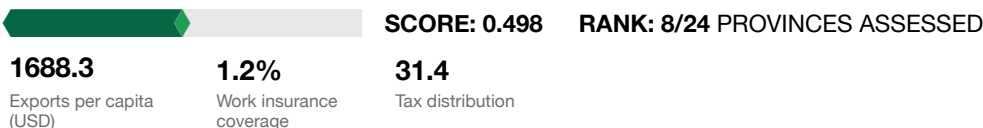
COPING CAPACITY (CC)

RANK: 16 / 24 PROVINCES ASSESSED
SCORE: 0.442

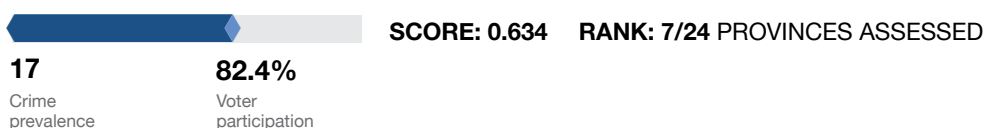
San Juan exhibits weaker Coping Capacity in the areas of Communications Capacity and Transportation Capacity. The bar chart indicates the socioeconomic themes contributing to the province's overall Coping Capacity score.



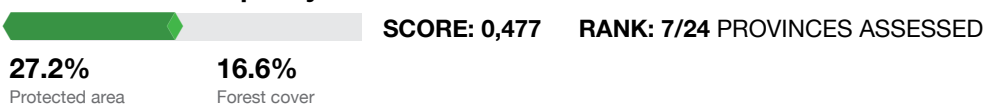
Economic Capacity



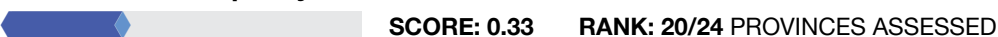
Governance



Environmental Capacity



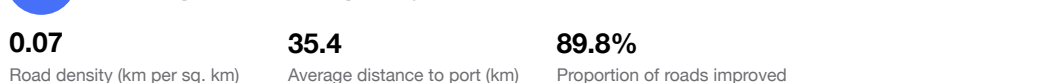
Infrastructure Capacity



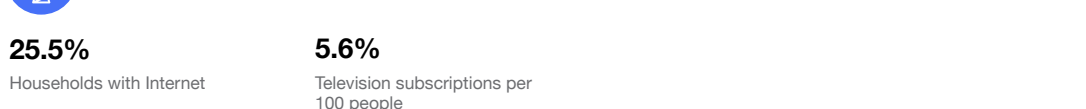
Health Care Capacity



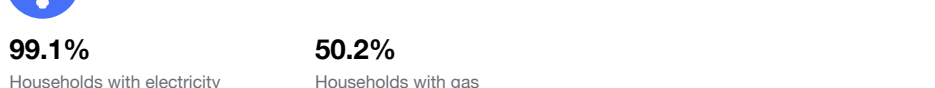
Transportation Capacity



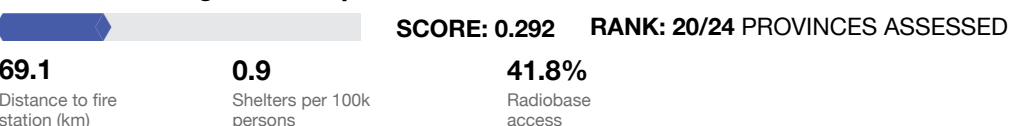
Communications Capacity



Energy Capacity



Disaster Management Capabilities





RESILIENCE (R)

RANK: 19 / 24 PROVINCES
SCORE: 0.427

San Juan's score and ranking are due to Very High Vulnerability combined with Low 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)



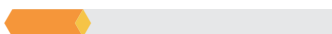
Earthquake



RANK: 1 / 24 PROVINCES ASSESSED
SCORE: 0.552



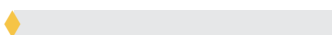
Wildfire



RANK: 17 / 24 PROVINCES ASSESSED
SCORE: 0.205



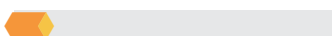
Volcano



RANK: 9 / 24 PROVINCES ASSESSED
SCORE: 0.000



Flood



RANK: 18 / 24 PROVINCES ASSESSED
SCORE: 0.098



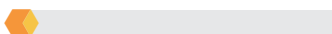
Landslide



RANK: 1 / 24 PROVINCES ASSESSED
SCORE: 0.480



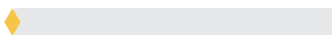
Drought



RANK: 19 / 24 PROVINCES ASSESSED
SCORE: 0.053



Extreme Temperature



RANK: 14 / 24 PROVINCES ASSESSED
SCORE: 0



MULTI-HAZARD RISK (MHR)

10 / 24

RANK WITHIN PROVINCES
Score: 0.55



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

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



Multi-Hazard Exposure



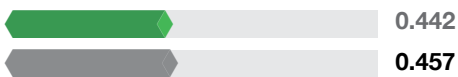
DISTRICT SCORE
COUNTRY SCORE



Vulnerability



Coping Capacity



SAN JUAN 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

Findings show that San Juan Province has the 2nd highest overall Economic Constraints in Argentina, characterized by the country's 2nd highest unemployment rate (7.8%) combined with the 4th highest economic dependency ratio (57).

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

Consider long-term economic plans that both promote social benefits for elderly, low income, and single-parent households, and allocate the revenue required to balance the costs of these benefits.

SAN JUAN RECOMMENDATIONS

3

Communications Capacity

Findings show that San Juan Province ranks lowest in the country in overall Communication Capacity. Just 26% of households have access to the internet – 3rd lowest in the country, and 5.6 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. San Juan Province is exposed to earthquake, landslide, wildfire, and flood hazards.

4

Transportation Capacity

Findings show that San Juan Province ranks 21st in Overall Transportation Capacity. Low road network density combined with large average distances to the nearest airport may reduce the connectivity of people, goods, and services to the Province during a disaster.

Invest in transportation infrastructure to facilitate the distribution of resources and services before, during, and after a disaster.

**Better solutions.
Fewer disasters.**

Safer world.

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