

TRINIDAD AND TOBAGO

NDPBA MUNICIPALITIES PROFILE



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TRINIDAD AND TOBAGO SAN JUAN-LAVENTILLE



Area: 239 km²

Located in northeastern Trinidad, the Regional Corporation of San Juan-Laventille is the third most populous municipality/regional corporation in the country. San Juan-Laventille is bordered by the City of Port of Spain and the Diego Martin Regional Corporation to the west, the Caribbean Sea to the north, the Tunapuna-Piarco Regional Corporation to the east, and the Borough of Chaguanas to the south. Geographic features are varied, including portions of the Northern Range, foothills and plains with major rivers and watersheds, and the Caroni Swamp in the south. Land use is predominantly protected areas, with over 70% designated as forest reserve. About 12% is designated as residential, and 9% as agricultural. Primary economic drivers are commercial activities, including retail and distribution, services, and food and beverage.





Population (2011 Census) 157,258

- w



Population in Poverty 14.7%

Population with less than a secondary education

25.5%



Access to improved water

96.1% households



Infant mortality rate (per 1,000 live births)

58

RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very High Score: 0.598 • Rank: 2/15



RESILIENCE (R) - Moderate Score: 0.539 • Rank: 7/15



MULTI-HAZARD EXPOSURE (MHE) - Very High Score: 0.873 • Rank: 2/15



VULNERABILITY (V) - High Score: 0.442 • Rank: 6/15



COPING CAPACITY (CC) - High Score: 0.521 • Rank: 5/15

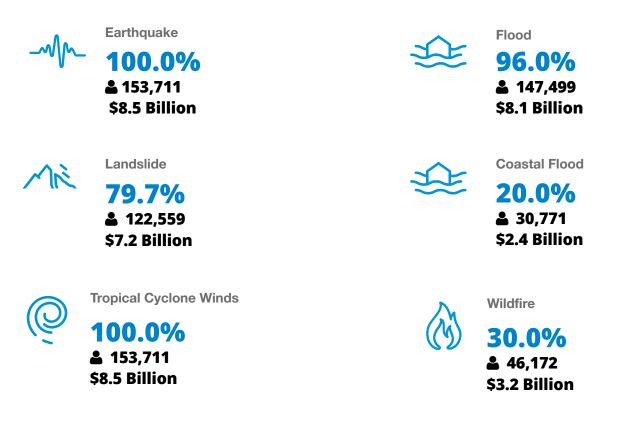
*For more information on data and components please visit: https://bit.ly/2LqVoUO

MULTI-HAZARD EXPOSURE (MHE)

RANK: 2 / 15 MUNICIPALITIES SCORE: 0.873

MHE 0.873 Raw MHE 0.78 Relative MHE 0.967

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:





VULNERABILITY (V)

RANK: 6 / 15 MUNICIPALITIES ASSESSED SCORE: 0.442

Vulnerability in San Juan-Laventille is primarily driven by Economic Constraints and Environmental Stress. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Environmental Stress

0.8% Households affected by deforestation

19% Households affected by drainage issues

12.1% 2.06% Households Households affected by affected by flooding sewage issues

1

SCORE: 0.631

SCORE: 0.429

SCORE: 0.460

19.4%

with radio

5.5% Households affected by soil erosion

4.6% Households waste issues

2.0% Households affected by solid affected by wastewater issues

RANK: 2/15 MUNICIPALITIES ASSESSED

7.5% Households affected by water contamination

	Vulnerable	Health	Status

20.2% Persons with chronic illness

58.0 Infant mortality rate (per 1k live births)

4.2% Persons with long-standing disability

1

0.1% 4.26 Population in Chikungunya collective living cases per 10k quarters

1.02

per 10k

Dengue cases

RANK: 8/15 MUNICIPALITIES ASSESSED

10k

0.06 6.49 Zika cases per Leptospirosis cases per 10k



Clean Water Vulnerability

1

SCORE: 0.360 RANK: 9/15 MUNICIPALITIES ASSESSED

96.1% 9.2% Households with Households inadequate toilet with access to improved water facilities

Information Access Vulnerability

59.8%

Households

25.5% Population with less than secondary education

11.4% Households with Households no TV with no Internet

1

Economic Constraints



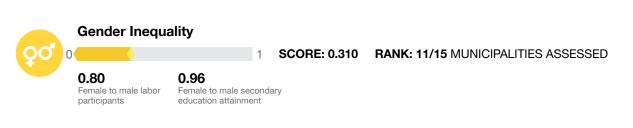
58.7% Households dependency with no vehicle 14.8% 14.7% Population with Poverty rate unmet housing

need

1 SCORE: 0.699 RANK: 3/15 MUNICIPALITIES ASSESSED

RANK: 8/15 MUNICIPALITIES ASSESSED

ratio



1



Population Pressures

-24.5 Average annual population change Net migration rate

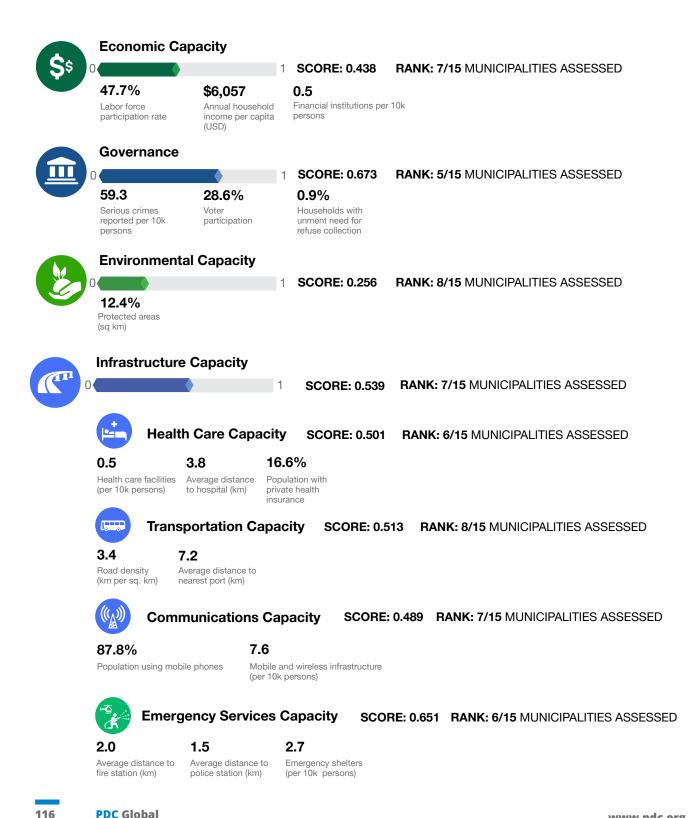
SCORE: 0.206 RANK: 14/15 MUNICIPALITIES ASSESSED

0.0%

COPING CAPACITY (CC)

RANK: 5 / 15 MUNICIPALITIES ASSESSED SCORE: 0.521

San Juan-Laventille exhibits weaker Coping Capacity in the areas of Economic Capacity and Communications Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.





RESILIENCE (R)

RANK: 7 / 15 MUNICIPALITIES ASSESSED SCORE: 0.539

San Juan-Laventille's score and ranking are due to High Vulnerability combined with High Coping Capacity scores.

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





Stress

Environmental





Economic Capacity



Communications Capacity

C

HAZARD-SPECIFIC RISK (HSR)

Earthquake	RANK: 3 / 15 MUNICIPALITIES ASSESSED SCORE: 0.39
Coastal Flood	RANK: 1 / 15 MUNICIPALITIES ASSESSED SCORE: 0.421
Flood	RANK: 3 / 15 MUNICIPALITIES ASSESSED SCORE: 0.353
	RANK: 2 / 15 MUNICIPALITIES ASSESSED SCORE: 0.376
Wildfire	RANK: 5 / 15 MUNICIPALITIES ASSESSED SCORE: 0.259
Tropical Cyclone Winds	SCORE: 0.390



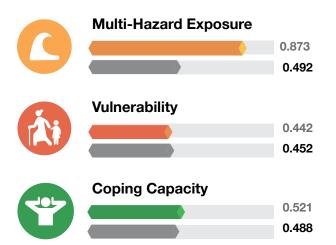
MULTI-HAZARD RISK (MHR)

2 / 15 RANK WITHIN MUNICIPALITIES Score: 0.598

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

SAN JUAN-LAVENTILLE SCORE

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



SAN JUAN-LAVENTILLE RECOMMENDATIONS



Economic Constraints

Findings show that San Juan-Laventille has the 3rd highest Economic Constraints ranking in the country, driven by scores related to population with Unmet Housing Needs (15%), households with No Vehicle (59%), and an Age Dependency Ratio of 45 for every 100 persons of working age. In addition, 15% of the population lives in Poverty. The economic constraints facing San Juan-Laventille will have bearing on the ability of residents to effectively prepare for, respond to, and recover from disasters. Poor or inadequate housing conditions leave populations vulnerable to the negative effects of hazards and unable to repair or replace damaged property. Those with dependents and no vehicle will be challenged to evacuate to safety when necessary.

Consider long-term economic plans and programs that both promote social benefits for elderly, low income, and singleparent households, and allocate the revenue required to balance the costs of these benefits. Increase investment in affordable housing development and boost financial assistance and social service programs to help those in squatter settlements transition to formal housing. Increase opportunities to expand participation of women in education and economic activities through the enactment of policies that provide quality, affordable childcare and health care services.



Environmental Stress

Findings show that San Juan-Laventille has the 2nd highest overall Environmental Stress score. It is also prone to multiple hazards, including flooding, landslide, coastal flood, earthquake and tropical cyclone winds, ranking 2nd overall for Multi-Hazard Exposure. The municipality has the highest percentage of households affected by both Solid Waste (nearly 5%) and Water Contamination (nearly 8%). Sewerage issues and Deforestation were additional concerns. San Juan-Laventille's very high hazard exposure will exacerbate the environmental issues already affecting municipal households. Informal squatter settlements are additional contributors to environmental stress. Strengthen collaboration between government and non-governmental partners and social service agencies to address clean water and sanitation issues resulting from squatter settlements and the related potential health and environmental impacts.

Given the draw of the municipality's beaches and places of natural beauty, and eco-tourism's importance to the economy, establish protective measures to prevent pollution and run-off from affecting beaches and delicate ecosystems. Institute and enforce environmental policies and regulations regarding new development projects to reduce environmental impacts.

SAN JUAN-LAVENTILLE RECOMMENDATIONS



Economic Capacity

San Juan-Laventille's overall Economic Capacity score is driven by the 2nd lowest number of Financial Institutions (.52) per 10,000 persons. Boost economic capacity by promoting initiatives that create jobs, diversify the economy, generate public revenue, and build the entrepreneurial and technical skills of small business owners and household enterprises. Improve access to micro-loans and small business support organizations.

Communications Capacity

San Juan-Laventille ranks 7th for overall Communications Capacity, with the 5th lowest density of Mobile and Wireless Infrastructure.

Expand mobile and wireless infrastructure density to improve quality and delivery of service, especially in rural areas. Improved access to mobile and wireless services will not only support economic endeavors but offer additional methods by which the public can access important hazard alert and warning information.



Better solutions. Fewer disasters.

Scher

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