



TRINIDAD AND TOBAGO

PORT OF SPAIN

NDPBA MUNICIPALITIES PROFILE

TRINIDAD AND TOBAGO

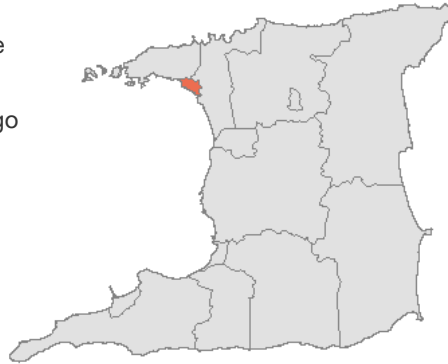
PORT OF SPAIN



CAPITAL: PORT OF SPAIN

Area: 12 km²

The City of Port of Spain is the nation’s capital and one of the smallest and fourth least populous municipalities/regional corporations in the country. Port of Spain is bordered by Diego Martin to the north, San Juan-Laventille to the east, and the Gulf of Paria along its southwest-facing shore. Geographic features include the Northern Range to the north and the Gulf of Paria to the south. Land use is predominantly urban, including residential, commercial and recreational. Primary economic drivers are retail and distribution sectors, and finance, insurance, real-estate and business services.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Moderate
Score: 0.500 • Rank: 8/15



RESILIENCE (R) - Low
Score: 0.491 • Rank: 12/15



MULTI-HAZARD EXPOSURE (MHE) - High
Score: 0.481 • Rank: 6/15



VULNERABILITY (V) - Very High
Score: 0.586 • Rank: 3/15



COPING CAPACITY (CC) - Very High
Score: 0.568 • Rank: 1/15



Population (2011 Census)
37,074



Population in Poverty
18.0%



Population with less than a secondary education
19.3%



Access to improved water
98.4% households



Infant mortality rate (per 1,000 live births)
69

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



MULTI-HAZARD EXPOSURE (MHE)

RANK: 6 / 15 MUNICIPALITIES

SCORE: 0.481



MHE
0.481

Raw MHE
0.194

Relative MHE
0.768

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

100.0%

39,563

\$2.6 Billion



Flood

80.8%

31,952

\$2.3 Billion



Landslide

92.5%

36,596

\$2.4 Billion



Coastal Flood

30.4%

12,017

\$318.1 Million



Tropical Cyclone Winds

100.0%

39,563

\$2.6 Billion



Wildfire

0.0%

0

-



VULNERABILITY (V)

RANK: 3 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.586

Vulnerability in Port of Spain is primarily driven by Population Pressures and Vulnerable Health Status. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



Environmental Stress

0 1 **SCORE: 0.305** **RANK: 12/15 MUNICIPALITIES ASSESSED**

0.3% Households affected by deforestation	5% Households affected by drainage issues	4.7% Households affected by flooding	1.45% Households affected by sewage issues	1.4% Households affected by soil erosion	4.1% Households affected by solid waste issues	1.1% Households affected by wastewater issues	7.0% Households affected by water contamination
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Vulnerable Health Status

0 1 **SCORE: 0.852** **RANK: 1/15 MUNICIPALITIES ASSESSED**

22.8% Persons with chronic illness	68.6 Infant mortality rate (per 1k live births)	5.5% Persons with long-standing disability	1.5% Population in collective living quarters	7.28 Chikungunya cases per 10k	1.08 Dengue cases per 10k	12.95 Zika cases per 10k	0.27 Leptospirosis cases per 10k
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Clean Water Vulnerability

0 1 **SCORE: 0.149** **RANK: 12/15 MUNICIPALITIES ASSESSED**

98.4% Households with access to improved water	6.6% Households with inadequate toilet facilities
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Information Access Vulnerability

0 1 **SCORE: 0.321** **RANK: 11/15 MUNICIPALITIES ASSESSED**

19.3% Population with less than secondary education	53.1% Households with no Internet	11.8% Households with no TV	18.3% Households with radio
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Economic Constraints

0 1 **SCORE: 0.826** **RANK: 2/15 MUNICIPALITIES ASSESSED**

49.9 Age dependency ratio	61.3% Households with no vehicle	14.4% Population with unmet housing need	18.0% Poverty rate
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Gender Inequality

0  1 **SCORE: 0.647** **RANK: 3/15 MUNICIPALITIES ASSESSED**

0.57

Female to male labor participants

0.96

Female to male secondary education attainment



Population Pressures

0  1 **SCORE: 1.000** **RANK: 1/15 MUNICIPALITIES ASSESSED**

-2.6%

Average annual population change

-141.0

Net migration rate




COPING CAPACITY (CC)

RANK: 1 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.568

Port of Spain exhibits weaker Coping Capacity in the areas of Governance and Environmental Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



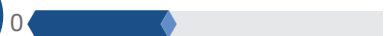
Economic Capacity

0  1 **SCORE: 0.686** **RANK: 1/15 MUNICIPALITIES ASSESSED**

46.0% Labor force participation rate
\$6,215 Annual household income per capita (USD)
4.8 Financial institutions per 10k persons



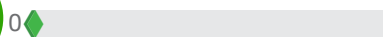
Governance

0  1 **SCORE: 0.387** **RANK: 13/15 MUNICIPALITIES ASSESSED**

521.5 Serious crimes reported per 10k persons
31.0% Voter participation
1.2% Households with unmet need for refuse collection




Environmental Capacity

0  1 **SCORE: 0.011** **RANK: 12/15 MUNICIPALITIES ASSESSED**

0.5% Protected areas (sq km)



Infrastructure Capacity

0  1 **SCORE: 0.818** **RANK: 1/15 MUNICIPALITIES ASSESSED**



Health Care Capacity **SCORE: 0.754** **RANK: 1/15 MUNICIPALITIES ASSESSED**

1.8 Health care facilities (per 10k persons)
1.7 Average distance to hospital (km)
18.9% Population with private health insurance



Transportation Capacity **SCORE: 0.969** **RANK: 1/15 MUNICIPALITIES ASSESSED**

25.1 Road density (km per sq. km)
2.0 Average distance to nearest port (km)



Communications Capacity **SCORE: 0.714** **RANK: 1/15 MUNICIPALITIES ASSESSED**

86.3% Population using mobile phones
25.0 Mobile and wireless infrastructure (per 10k persons)



Emergency Services Capacity **SCORE: 0.833** **RANK: 1/15 MUNICIPALITIES ASSESSED**

1.0 Average distance to fire station (km)
0.6 Average distance to police station (km)
5.3 Emergency shelters (per 10k persons)



RESILIENCE (R)

RANK: 12 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.491

Port of Spain's score and ranking are due to Very High Vulnerability combined with Very High Coping Capacity scores.

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



Population Pressures



Vulnerable Health Status



Governance



Environmental Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 11 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.285



Coastal Flood

RANK: 3 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.272



Flood

RANK: 12 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.130



Landslide

RANK: 3 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.339



Wildfire

RANK: 14 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.000



Tropical Cyclone Winds

RANK: 11 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.285



MULTI-HAZARD RISK (MHR)

8 / 15

RANK WITHIN MUNICIPALITIES
Score: 0.500



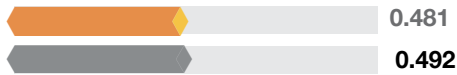
Port of Spain's score and ranking are due to High Multi-hazard Exposure combined with Very High Vulnerability and Very High Coping Capacity scores.



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



Multi-Hazard Exposure



Vulnerability



Coping Capacity



PORT OF SPAIN RECOMMENDATIONS

1

Population Pressures

Port of Spain has the highest overall Population Pressures ranking in Trinidad and Tobago, with the most significant changes in Average Annual Population (-2.6%) and Net Migration Rate (-141 per 1,000 persons). Despite its declining population, Port of Spain remains the most densely populated municipality in the country.

A declining population can leave gaps in social support systems and contribute to a loss of intellectual capital and skilled labor, affecting the economy and its growth potential.

Strengthen planning efforts to identify vulnerabilities related to the changing population and implement programs and support systems to address them, which may include vocational, technical or entrepreneurial training programs, services to alleviate poverty, or enhanced policing in areas susceptible to criminal activity.

2

Vulnerable Health Status

Port of Spain has the highest overall Vulnerable Health Status ranking in the country, driven by the highest Infectious Disease ranking, the highest percentage of Disabled persons, the highest percentage of Population in Collective Living Quarters, and the second highest percentage of those reporting one or more Chronic Illnesses. Those in poor health or with special needs often suffer disproportionately due to the negative consequences of a disaster. Strengthen community outreach programs to identify residents who may require extra assistance or supplies to adequately prepare for a disaster or need help to mobilize during an evacuation.

Include special considerations in disaster management and sheltering plans for those with chronic health conditions, mobility challenges or other disabilities. These individuals will require extra precautions to protect against transmission of COVID-19 during sheltering.

Reduce the financial burden incurred by high out-of-pocket (OOP) health care expenses by expanding risk pools for health spending. This may prevent delays in addressing serious health conditions by those with limited financial resources.

PORT OF SPAIN RECOMMENDATIONS

3

Governance

Port of Spain has the 3rd lowest overall Governance ranking in the country, with the highest Crime Rate (over 520 serious crimes reported per 10,000 persons) and the 3rd lowest Voter Participation Rate (31%).

Continue implementation of the Ministry of National Security's (MNS) Citizen Security Programme (CSP) to strengthen institutional capacities of the MNS and local police, build public confidence and citizen support of measures to improve safety and security, and coordinate implementation of community-based crime prevention strategies.

Garner support for increased public security through law enforcement presence and surveillance, youth education, community service and personal safety programs.

4

Environmental Capacity

Port of Spain has the 2nd lowest Environmental Capacity ranking in the country, with just over a half-percent (.53%) of the municipality designated as a Protected Area.

Identify areas for designation as green belts, parks or other natural area buffers to provide protection from hazard impacts (i.e., improve drainage), especially in heavily populated or industrialized areas.

**Better solutions.
Fewer disasters.**

Safer world.

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