



TRINIDAD AND TOBAGO

POINT FORTIN

NDPBA MUNICIPALITIES PROFILE

TRINIDAD AND TOBAGO

POINT FORTIN

CAPITAL: POINT FORTIN

Area: 25 km²

The Borough of Point Fortin is the among the smallest and least populous municipalities/regional corporations in the country. Point Fortin is bordered by the Gulf of Paria to the north and encompassed on all other sides by Siparia. Geography is predominantly low-lying coastal area. Land use is primarily industrial. Economic drivers include energy, chiefly oil and gas.



RISK AND VULNERABILITY

COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low

Score: 0.422 • Rank: 13/15



RESILIENCE (R) - High

Score: 0.562 • Rank: 3/15



MULTI-HAZARD EXPOSURE (MHE) - Low

Score: 0.390 • Rank: 11/15



VULNERABILITY (V) - Moderate

Score: 0.430 • Rank: 7/15



COPING CAPACITY (CC) - Very High

Score: 0.555 • Rank: 2/15



Population (2011 Census)

20,235



Population in Poverty

24.6%



Population with less than a secondary education

24.1%



Access to improved water

93.2% households



Infant mortality rate (per 1,000 live births)

81

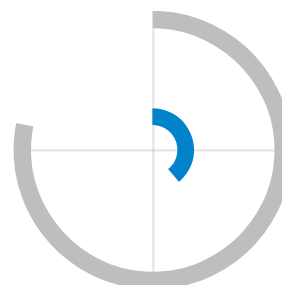
*For more information on data and components please visit: <https://bit.ly/2LqVoUO>



MULTI-HAZARD EXPOSURE (MHE)

RANK: 11 / 15 MUNICIPALITIES

SCORE: 0.390



MHE
0.390

Raw MHE
0

Relative MHE
0.78

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

100.0%

21,469

\$961.4 Million



Flood

88.4%

18,973

\$883.7 Million



Landslide

18.1%

3,895

\$209.2 Million



Coastal Flood

25.2%

5,417

\$220.3 Million



Tropical Cyclone Winds

100.0%

21,469

\$961.4 Million



Wildfire

58.7%

12,608

\$770.9 Million



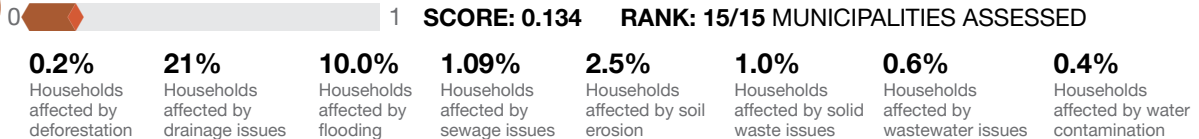
VULNERABILITY (V)

RANK: 7 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.430

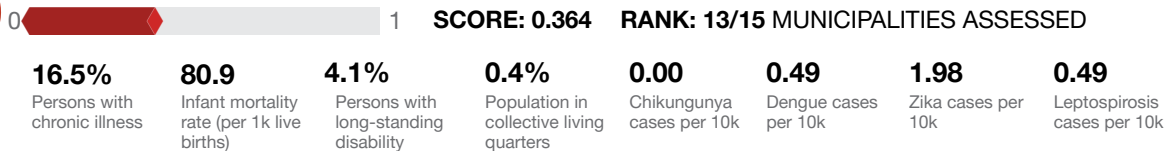
Vulnerability in Point Fortin is primarily driven by Clean Water Access Vulnerability and Economic Constraints. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



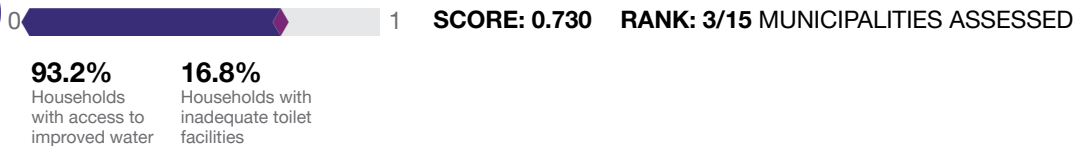
Environmental Stress



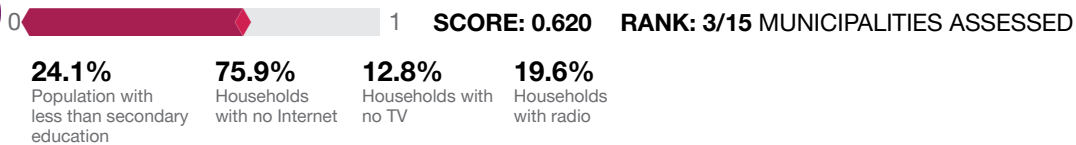
Vulnerable Health Status



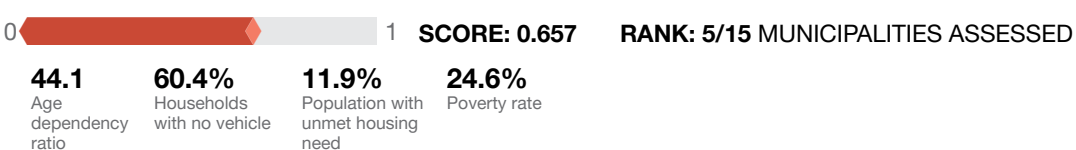
Clean Water Vulnerability

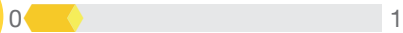
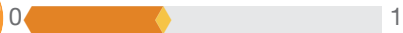


Information Access Vulnerability



Economic Constraints



**Gender Inequality****SCORE: 0.126****RANK: 15/15 MUNICIPALITIES ASSESSED****0.80**Female to male labor
participants**1.02**Female to male secondary
education attainment**Population Pressures****SCORE: 0.382****RANK: 9/15 MUNICIPALITIES ASSESSED****0.6%**Average annual
population
change**-23.6**Net migration
rate



COPING CAPACITY (CC)

RANK: 2 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.555

Point Fortin exhibits weaker Coping Capacity in the areas of Communications Capacity and Economic Capacity. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



Economic Capacity

SCORE: 0.518 RANK: 6/15 MUNICIPALITIES ASSESSED

41.0%

Labor force
participation rate

\$7,302

Annual household
income per capita
(USD)

2.3

Financial institutions per 10k
persons



Governance

SCORE: 0.689 RANK: 4/15 MUNICIPALITIES ASSESSED

80.1

Serious crimes
reported per 10k
persons

39.2%

Voter
participation

2.1%

Households with
unmet need for
refuse collection



Environmental Capacity

SCORE: 0.022 RANK: 10/15 MUNICIPALITIES ASSESSED

1.1%

Protected areas
(sq km)



Infrastructure Capacity

SCORE: 0.635 RANK: 4/15 MUNICIPALITIES ASSESSED



Health Care Capacity

SCORE: 0.609 RANK: 3/15 MUNICIPALITIES ASSESSED

1.4

Health care facilities
(per 10k persons)

2.3

Average distance
to hospital (km)

14.2%

Population with
private health
insurance



Transportation Capacity

SCORE: 0.759 RANK: 4/15 MUNICIPALITIES ASSESSED

12.1

Road density
(km per sq. km)

4.6

Average distance to
nearest port (km)



Communications Capacity

SCORE: 0.427 RANK: 11/15 MUNICIPALITIES ASSESSED

86.9%

Population using mobile phones

8.4

Mobile and wireless infrastructure
(per 10k persons)



Emergency Services Capacity

SCORE: 0.744 RANK: 4/15 MUNICIPALITIES ASSESSED

2.1

Average distance to
fire station (km)

1.7

Average distance to
police station (km)

6.1

Emergency shelters
(per 10k persons)



RESILIENCE (R)

RANK: 3 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.562

Point Fortin's score and ranking are due to Moderate Vulnerability combined with Very High Coping Capacity scores.

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



**Clean Water
Access
Vulnerability**



**Economic
Constraints**



**Communications
Capacity**



Economic Capacity



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 15 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.219



Coastal Flood

RANK: 6 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.221



Flood

RANK: 11 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.141



Landslide

RANK: 13 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.038



Wildfire

RANK: 4 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.270



Tropical Cyclone Winds

RANK: 15 / 15 MUNICIPALITIES ASSESSED
SCORE: 0.219



MULTI-HAZARD RISK (MHR)

13 / 15RANK WITHIN MUNICIPALITIES
Score: 0.422

Point Fortin's score and ranking are due to Low Multi-hazard Exposure combined with Moderate Vulnerability and Very High Coping Capacity scores.



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



Multi-Hazard Exposure



Vulnerability



Coping Capacity



POINT FORTIN RECOMMENDATIONS

1

Clean Water Access Vulnerability

Point Fortin has the 3rd highest vulnerability regarding Clean Water Access, with 17% of households lacking adequate Toilet Facilities and 7% of households without access to an Improved Water Source. According to Port Fortin's Local Area Economic Profile, informal settlements lack regulation and participation in sanitary and water systems.

Prioritize investments to improve clean water and sanitation infrastructure and delivery systems in underserved areas.

2

Economic Constraints

Point Fortin ranks 5th overall for Economic Constraints, driven by the 2nd highest percentage of Households with No Vehicle (60%), and nearly 25% of the population living in Poverty. Additionally, 12% of the population have an Unmet Need for Housing. Based on available hazard information, Point Fortin has among the highest exposure to wildfire and coastal flood hazards in the country. Poor socio-economic conditions are exacerbated and perpetuated by the negative consequences resulting from repeated hazard exposure.

Strengthen collaboration between social service entities, private sector organizations and NGOs to coordinate poverty reduction efforts and delivery of services. Strengthen social assistance programs that provide benefits for elderly, low income, and single-parent households.

Provide incentives for new development to include affordable and low-income housing to reduce the propensity for informal settlement.

POINT FORTIN RECOMMENDATIONS

3

Communications Capacity

Point Fortin has the 5th lowest Communications Capacity score in the country, driven by the 5th lowest Mobile Phone Usage in the country.

Invest in infrastructure enhancements to support broader use and reliability of mobile and wireless technologies. Increasing communications capacity will not only provide support to local businesses but can be an effective means to disseminate hazard alert and warning messages to the public.

4

Economic Capacity

Point Fortin's Economic Capacity is driven by the lowest Labor Force Participation rate (41%) in Trinidad and Tobago. Once primarily agricultural, Point Fortin is now largely dominated by the energy industry which leases large portions of land. Micro, small, and medium sized business enterprises focused in retail and food and beverage establishments are main contributors to the local economy. While oil and gas companies provide hundreds of relatively high-paying jobs and contribute significantly to the national GDP, many of those employed do not live in Point Fortin and therefore do not directly strengthen the local economy. As Trinidad and Tobago's smallest municipality, Point Fortin's opportunities for economic expansion are limited by the lack of available land for new development.

Continue efforts to strengthen the local workforce and small businesses through the provision of vocational, technical, and entrepreneurial training opportunities.

Forge collaborative partnerships among educational institutions, vocational training centers and local businesses to support transition of youth from school to work.

**Better solutions.
Fewer disasters.**

Safer world.

**1305 N Holopono Street
Suite 2, Kihei, HI 96753**

**P: (808) 891-0525
F: (808) 891-0526**



@PDC_Global



/PDCGlobal



www.pdc.prg



ndpba@pdc.org