



VIỆT NAM

THAI NGUYEN

NDPBA PROVINCE PROFILE

VIỆT NAM THAI NGUYEN

CAPITAL: THÁI NGUYÊN

Area: 4,101 km²

Neighboring Hanoi Capital to the north, Thai Nguyen is considered the gateway and center for the Northeastern region of Viet Nam. Thai Nguyên is home to the eight main ethnic groups, including Kinh, Tay, Nung, San Diu, H'Mong, San Chay, Dao, and Hoa people. With mountainous, midland terrain, the province has rich mineral resources and favorable natural conditions for industrial plants. Green tea is the province's most famous product in Viet Nam. Thai Nguyen is known as a former iron and steel industry center with seven industrial zones in operation attracting large manufacturing investors such as Samsung Electronics.

RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK - low
Score: 0.433 • Rank: 47/63



RESILIENCE (R) - low
Score: 0.487 • Rank: 48/63



MULTI-HAZARD EXPOSURE - very low
Score: 0.275 • Rank: 55/63



VULNERABILITY (V) - very high
Score: 0.509 • Rank: 10/63



COPING CAPACITY (CC) - moderate
Score: 0.483 • Rank: 31/63



Population (2017)
1,211,523



Population in Poverty
9.1%



Illiterate population
4.0%



Access to improved water
86.9%



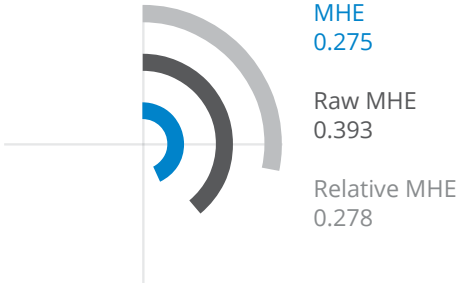
Average life expectancy
73.20 years

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



MULTI-HAZARD EXPOSURE

RANK: 55 / 63 PROVINCES
SCORE: 0.275



ESTIMATED POPULATION EXPOSED TO EACH HAZARD:



Typhoon Wind
0.0%
0



Flood
20.2%
244387



Wildfire
1.1%
13807



Earthquake
0.0%
0



Landslide
0.0%
0



Extreme Temperature
100.0%
1211523



Surge
0.0%
0



VULNERABILITY (V)

RANK: 10 / 63 PROVINCES

SCORE: 0.509

Vulnerability in Thai Nguyen is primarily driven by Environmental Stress and Clean Water Access Vulnerability. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



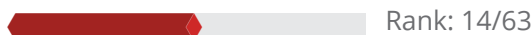
Environmental Stress



-17.4% Forest Change
60.98 Livestock Density (per sq km)



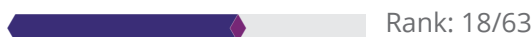
Vulnerable Health Status



73.2 Life Expectancy (years)
14.7 Infant Mortality Rate (per 1,000 live births)
9.1% Acute Malnutrition (Children <5)
34.6 Tuberculosis Incidence (per 100,000 persons)
58.78 Malaria Prevalance (per 100,000 persons)
640 HIV Prevalance (per 100,000 persons)



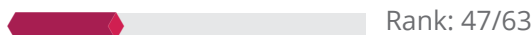
Clean Water Vulnerability



86.9% Households with Safe Water Access
50.7% Households with Hygienic Toilet Access



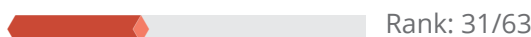
Information Access Vulnerability



4.0% Adult Illiteracy Rate
97.9% School Attendance Rate
80.0% Households without Internet
7.0% Housholds without TV



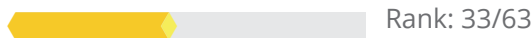
Economic Constraints



43.8 Economic Dependency Ratio
9.1% Poverty



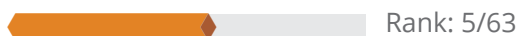
Gender Inequality



0.08 Income Inequality*
0.35 F M School Enrollment Rate*
*Values closer to 1 represent greater gender parity.



Population Pressures



1.1% Average Annual Population Change
5.7% Average Annual Urban Population Change
3.7% Net Migration Rate



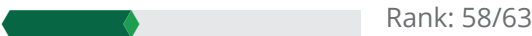
COPING CAPACITY (CC)

RANK: 31 / 63 PROVINCES
SCORE: 0.483

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



Economic Capacity

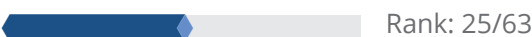


| | | | | |
|------------|----------------------------------|------------------|----------------------------|--------------|
| 6.17 | 4,550 | 16.35 | 6 | 7.27 |
| Time Cost* | Income per Capita (in 1,000 VND) | Purchasing Power | Business Support Services* | Entry Costs* |

*Values represent a sub-index score where 1 is considered low (poor) and 10 is considered high (good).



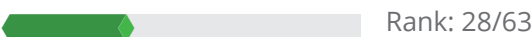
Governance



| | | |
|----------------|-------------------|---------------|
| 6.42 | 5.66 | 6.31 |
| Law and Order* | Informal Charges* | Transparency* |



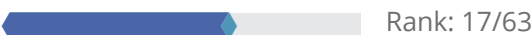
Environmental Capacity



9.0%
Protected Area



Infrastructure Capacity



Health Care Capacity Rank: 11/63

| | | | | |
|-----------------------|------------------------------|------------------------------|--------------------------|---------------------------|
| 97.1% | 35.38 | 7.73 | 16.42 | 8.78 |
| Immunization Coverage | Healthbeds per 10,000 People | Physicians per 10,000 People | Nurses per 10,000 People | Distance to Hospital (km) |



Transportation Capacity Rank: 50/63

| | |
|------------------------------|-------------------------------------|
| 1,411 | 54.89 |
| Road Density (km per sq. km) | Distance to Airport or Seaport (km) |



Communications Capacity Rank: 16/63

87.8%
Households with Phone Access (Landline/Mobile)



RESILIENCE (R)

RANK: 48 / 63 PROVINCES
SCORE: 0.487

Thai Nguyen's score and ranking are due to very high Vulnerability combined with moderate Coping Capacity scores.

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



Environmental Stress



Clean Water Access Vulnerability



Economic Capacity



Transportation Capacity



MULTI-HAZARD RISK

47 / 63

Rank within provinces
Score: 0.433



Thai Nguyen's score and ranking are due to very low Multi-hazard exposure combined with very high Vulnerability and moderate Coping Capacity scores.

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

