



VIỆT NAM

# HAI DUONG

NDPBA PROVINCE PROFILE

# VIỆT NAM HAI DUONG

CAPITAL: HẢI DƯƠNG

Area: 1,924 km<sup>2</sup>

Hai Duong province is landlocked in the center of the Red River Delta. With favorable conditions for natural resources, land area and transportation, Hai Duong is one of the most industrialized and developed provinces in Viet Nam. The province mainly focuses on developing agriculture and industrial production, attracting domestic and international investment in over 50 industrial areas. Well-known products include lychees and the traditional mung bean sweet.



## RISK AND VULNERABILITY COMPONENT SCORE



**MULTI-HAZARD RISK** - high  
Score: 0.528 • Rank: 16/63



**RESILIENCE (R)** - high  
Score: 0.552 • Rank: 22/63



**MULTI-HAZARD EXPOSURE** - very high  
Score: 0.687 • Rank: 8/63



**VULNERABILITY (V)** - very low  
Score: 0.331 • Rank: 58/63



**COPING CAPACITY (CC)** - low  
Score: 0.435 • Rank: 47/63



Population (2017)  
1,767,185



Population in Poverty  
3.5%



Illiterate population  
1.8%



Access to improved water  
99.7%



Average life expectancy  
74.40 years

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



# MULTI-HAZARD EXPOSURE

RANK: 8 / 63 PROVINCES  
SCORE: 0.687



MHE  
0.687  
Raw MHE  
0.715  
Relative MHE  
0.776

## ESTIMATED POPULATION EXPOSED TO EACH HAZARD:



Typhoon Wind  
**100.0%**  
1764467



Flood  
**36.0%**  
635709



Wildfire  
**0.4%**  
7055



Earthquake  
**0.0%**  
0



Landslide  
**0.0%**  
0



Extreme Temperature  
**100.0%**  
1767185



Surge  
**0.0%**  
0



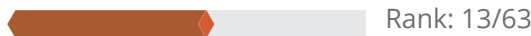
## VULNERABILITY (V)

RANK: 58 / 63 PROVINCES  
SCORE: 0.331

Vulnerability in Hai Duong is primarily driven by Environmental Stress and Population Pressures. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



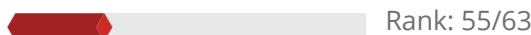
### Environmental Stress



1.6% Forest Change  
98.96 Livestock Density (per sq km)



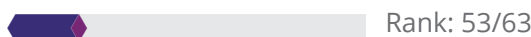
### Vulnerable Health Status



74.4 Life Expectancy (years)  
11.7 Infant Mortality Rate (per 1,000 live births)  
4.7% Acute Malnutrition (Children <5)  
27.7 Tuberculosis Incidence (per 100,000 persons)  
1.59 Malaria Prevalance (per 100,000 persons)  
184.2 HIV Prevalance (per 100,000 persons)



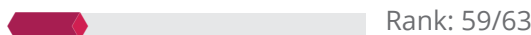
### Clean Water Vulnerability



99.7% Households with Safe Water Access  
76.2% Households with Hygienic Toilet Access



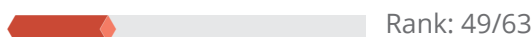
### Information Access Vulnerability



1.8% Adult Illiteracy Rate  
98.2% School Attendance Rate  
83.0% Households without Internet  
4.0% Housholds without TV



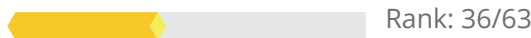
### Economic Constraints



43.8 Economic Dependency Ratio  
3.5% Poverty



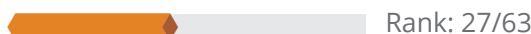
### Gender Inequality



0.12 Income Inequality\*  
0.26 F M School Enrollment Rate\*  
\*Values closer to 1 represent greater gender parity.



### Population Pressures



0.5% Average Annual Population Change  
6.1% Average Annual Urban Population Change  
1.0% Net Migration Rate



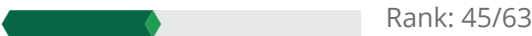
## COPING CAPACITY (CC)

RANK: 47 / 63 PROVINCES  
SCORE: 0.435

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



### Economic Capacity



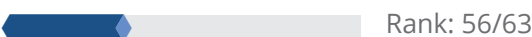
Rank: 45/63

6.32	4,417	21.32	6.17	7.67
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

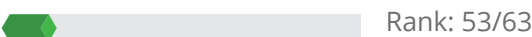


Rank: 56/63

5.63	5.46	5.45
Law and Order*	Informal Charges*	Transparency*



### Environmental Capacity

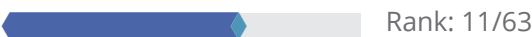


Rank: 53/63

1.0%
Protected Area



### Infrastructure Capacity



Rank: 11/63



### Health Care Capacity

Rank: 12/63

99.1%	30.23	6.24	15.68	8.3
Immunization Coverage	Healthbeds per 10,000 People	Physicians per 10,000 People	Nurses per 10,000 People	Distance to Hospital (km)



### Transportation Capacity

Rank: 22/63

2,848	16.43
Road Density (km per sq. km)	Distance to Airport or Seaport (km)



### Communications Capacity

Rank: 45/63

80.3%
Households with Phone Access (Landline/Mobile)



## RESILIENCE (R)

RANK: 22 / 63 PROVINCES  
SCORE: 0.552

Hai Duong's score and ranking are due to very low Vulnerability combined with low Coping Capacity scores.

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



Environmental Stress



Population Pressures



Governance



Economic Capacity



## MULTI-HAZARD RISK

16 / 63

Rank within provinces  
Score: 0.528



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

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

