



BHUTAN



Source: World Bank Data, 2019 / *Source: Human Development Reports, UNDP, 2019

HAZARD PROFILE

A. WORLD RISK INDEX



Exposure
6.27

Susceptibility
24.17

Lack of adaptive capacities
72.82

Vulnerability
47.40

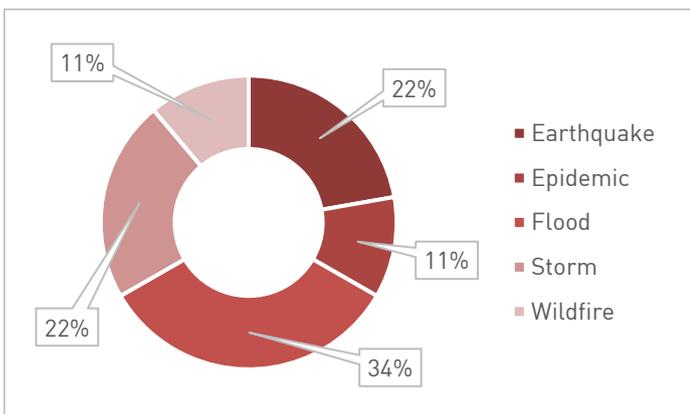
Lack of coping capacities
45.20

Maximum value: **100**

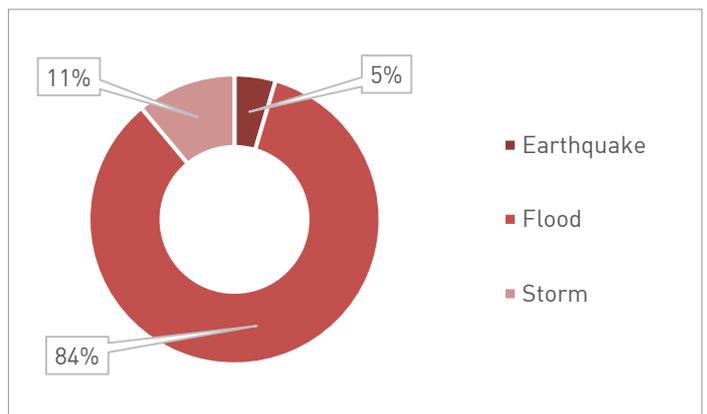


Source: World Risk Report 2020, Bündnis Entwicklung Hilft and Ruhr University Bochum

B. Frequency of disasters (1990-2020)



C. Mortality due to disasters (1990-2020)



Source: CRED-EMDAT, 2021

D. Average Annual Loss (AAL) by Hazard (1990-2014)

Hazard	Absolute [Million US\$]	Capital stock [%]	Investments (GFCF*) [%]	Social exp [%]	Total Reserves [%]	Gross Savings [%]
Flood	54.65	0.493	4.201	30.794	5.513	11.813
Earthquake	7.98	0.072	0.613	4.497	0.805	1.725

*Gross Fixed Capital Formation

Source: Global Assessment Report on Disaster Risk Reduction, 2015

INFRASTRUCTURE PROFILE

A. Transportation

	Primary NH (Km)	Secondary NH (Km)	Dzongkhag Roads (Km)	GC Roads (Km)	Urban Road (Km)	Farm Road (Km)	Access Road (Km)
Roadways	1,818	871	618	2,002	436	5,049	1,406

Source: Road Classification System in Bhutan, Royal Government of Bhutan Ministry of Works & Human Settlement Department of Roads June 2017

	Total route (Km)	Passengers carried (Million-km)		No. of Ports
Railways	NA	NA	Waterways	NA

	No. of airports	Total Flights 2019	Passengers carried (Thousands), 2019
Airways	5	5,067	276.09

Source: Estimates from Airportcodes

Source: World Bank Data, 2019

B. Telecommunications

Mobile cellular subscriptions (per 100 people), 2019	Fixed telephone subscriptions (per 100 people), 2019	Fixed broadband subscriptions (per 100 people), 2019
96	3	1.15

Source: World Bank Data, 2019

C. Energy and Power

Access to electricity (% of total population) 2018	Electricity production from coal, oil and gas sources (% of total)	Electricity production from Renewable sources excluding hydroelectricity (% of total)	Electricity production from nuclear sources (% of total)
100	NA	NA	NA

Source: World Bank Data, 2019

D. Healthcare

Hospital beds (per 10,000 population), 2012	Rank	Medical Doctors (per 10,000 population), 2019	Rank
17	101/178	5	137/193

Source: Indicators, The Global Health Observatory, World Health Data Platform

E. Water and Sanitation

People using at least basic drinking-water services (% of total population), 2017	People using at least basic sanitation services (% of total population), 2017
97.23	69.25

Source: WHO-UNICEF, 2017

Global Competitiveness Index

Quality of Infrastructure (Rank) 89/137	 Railway NA/137	 Roads 67/137	 Air 84/137
	 Ports 133/137	 Electricity Supply 38/137	 ICT Use 101/137

Source: The Global Competitiveness Report 2017–2018, World Economic Forum