

Dominican Republic



Trilemma Rank  
# 62

Trilemma Score  
65.5

Balance Grade  
DBB

The Dominican Republic tells an interesting Trilemma story: whilst ranking low globally at 62, its indices across all three dimensions shows improvement since 2000. Although the Security grade is a D, there has been over 57% growth in the index over time, driven by improved energy independence, in part through renewables. Both Equity and Sustainability indices show strong and sustained performance, giving a balance grade of DBB.

Population  
10.8 (millions)

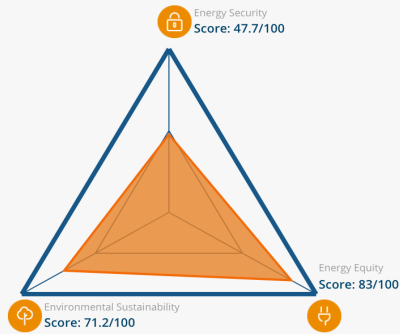
Land Area  
48.3 (thousand sq. km)

GDP Per Capita  
8,051 (PPP US\$)

Industrial Sector  
28.8 (% of GDP)

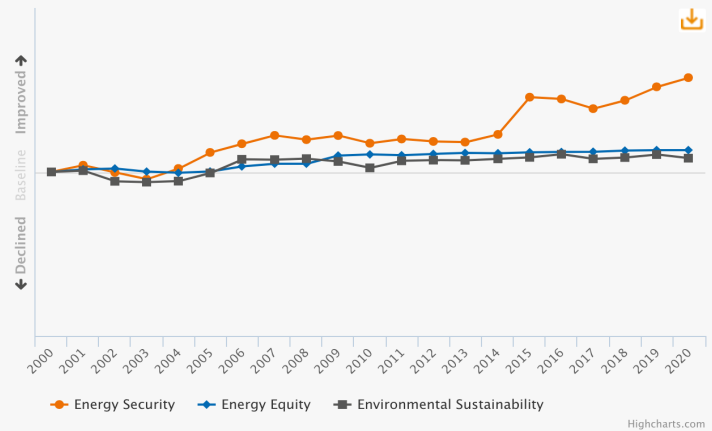
GDP Growth  
7.0 (annual %)

Balance



Historical Trilemma Scores

Trend lines track the country's performance in each dimension, beginning with a baseline of 100 in the year of 2000



Trends and Outlook

The Dominican Republic is committed to reduce its dependence on fossil fuels while improving its energy security. The country ended 2018 with 913 MW megawatts of renewables installed capacity, which represents 24% of the generation matrix (solar, wind and hydro).

The country continues experiencing frequent electrical outages that can last from minutes to several hours. These are related to technical and nontechnical losses (27%) of distribution companies. At present, the multilateral international banking and government are developing the nationwide project for the installation of secure networks, revenue assurance, and installation of macro and micro-measurement. Another point to improve is that the electricity tariff does not reflect changes in the cost of providing electric service.

Key metrics

Metrics are determined relative to other countries, with a full bar representing a score of 100.

	2020 Performance	Trend 2010-20
<b>Energy security</b>		
Import dependence	Progress bar	▲
Diversity of electricity generation	Progress bar	▲
Energy storage	Progress bar	▲
<b>Energy equity</b>		
Access to electricity	Progress bar	▲
Electricity prices	Progress bar	▼
Gasoline and diesel prices	Progress bar	▲
<b>Environmental sustainability</b>		
Final energy intensity	Progress bar	▲
Low carbon electricity generation	Progress bar	▲
CO2 emissions per capita	Progress bar	▼
<b>Country context</b>		
Macroeconomic stability	Progress bar	▲
Effectiveness of government	Progress bar	▲
Innovation capability	Progress bar	▲