

Human Development Index

Arturo Martínez Celis*

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Abstract

The Human Development Index (HDI) is a statistic composite index of life expectancy, education (mean years of schooling completed and expected years of schooling upon entering the education system), and per capita income indicators, which are used to rank countries into four tiers of human development.

1 Origins

The origins of the HDI are found in the annual Human Development Reports produced by the Human Development Report Office of the United Nations Development Programme (UNDP). These were devised and launched by Pakistani economist Mahbub ul Haq in 1990, and had the explicit purpose "to shift the focus of development economics from national income accounting to people-centered policies". Haq believed that a simple composite measure of human development was needed to convince the public, academics, and politicians that they can and should evaluate development not only by economic advances but also improvements in human well-being.

2 Calculation

Published on 4 November 2010 (and updated on 10 June 2011), the 2010 Human Development Report calculated the HDI combining three dimensions:

- A long and healthy life: Life expectancy at birth.
- Education index: Mean years of schooling and Expected years of schooling.
- A decent standard of living: GNI per capita (PPP international dollars).

In its 2010 Human Development Report, the UNDP began using a new method of calculating the HDI.

$$HDI = \sqrt[3]{LEI \cdot EI \cdot II}.$$

*Everything is taken from wikipedia.org

In the previous formula, LEI represents the Life Expectancy Index, EI represents the Education Index and II represents the Income Index.

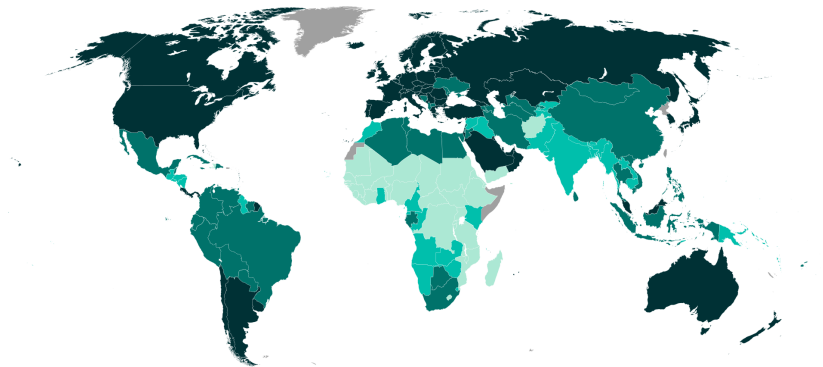
3 Examples

The following is the list of countries with the highest HDI.

Country	HDI (2019 data)
Norway	0.955
Ireland	0.955
Switzerland	0.949
Hong Kong	0.949
Iceland	0.947
Germany	0.945
Sweden	0.944
Australia	0.944

Table 1: A list of the countries with the Highest HDI

The HDI of each country is represented by the following picture.



World map representing Human Development Index categories. **Higher HDI is represented by a darker colour**