



 VIRTUAL SIDE EVENT

Human Development in the Age of Artificial Intelligence (AI): Indices and Global Insights from New Data

Thursday, 19 February 2026
9:00 am - 10:30 am EST
Online

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#UN57SC



United Nations

Department of
Economic and
Social Affairs

Agenda



Human Development Indices and Data: An Overview

Yu-Chieh Hsu, Policy Specialist (Research & Statistics)



2025 Human Development Report on AI &
Results From the Global AI & Human Development Survey

Heriberto Tapia, Research and Strategic Partnership Advisor



Human Climate Horizons Initiative: An Innovative Data & Insights Platform

*Qiamuddin Sabawoon, Data Management Specialist &
Nicholas Depsky, Research Analyst*



Global Multidimensional Poverty Index: Insights From the 2025 Report

Nabamallika Dehingia, Statistics Specialist



Q&A



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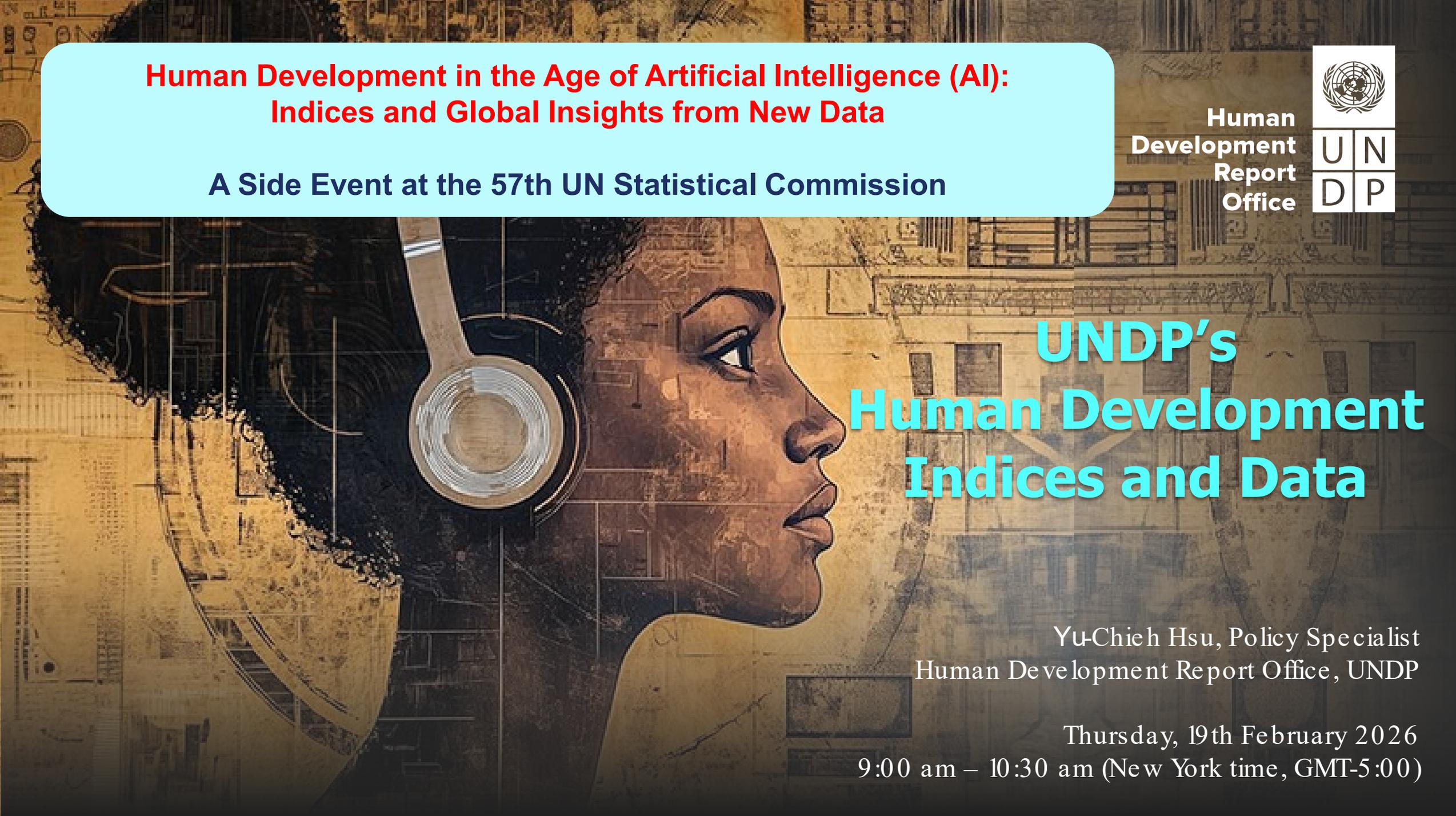
**Human Development in the Age of Artificial Intelligence (AI):
Indices and Global Insights from New Data**

A Side Event at the 57th UN Statistical Commission

UNDP's Human Development Indices and Data

Yu-Chieh Hsu, Policy Specialist
Human Development Report Office, UNDP

Thursday, 19th February 2026
9:00 am – 10:30 am (New York time, GMT-5:00)



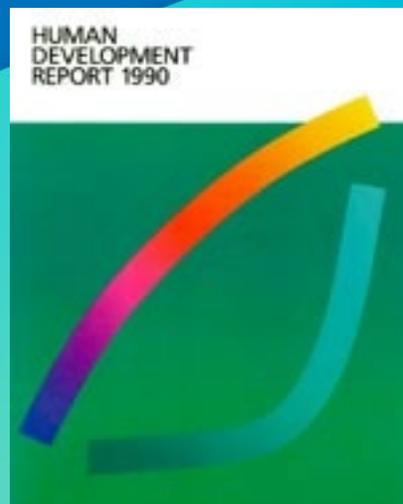
Human Development Measuring Progress Beyond GDP

Access the report here:
<https://hdr.undp.org/content/human-development-report-2025>



This Report is about **people** - and about how development enlarges their choices. It is about more than GNP growth, more than income and wealth and more than producing commodities and accumulating capital. A person's access to income may be one of the choices, but it is not the sum total of human endeavour. **Human development** is a process of **enlarging people's choices**.

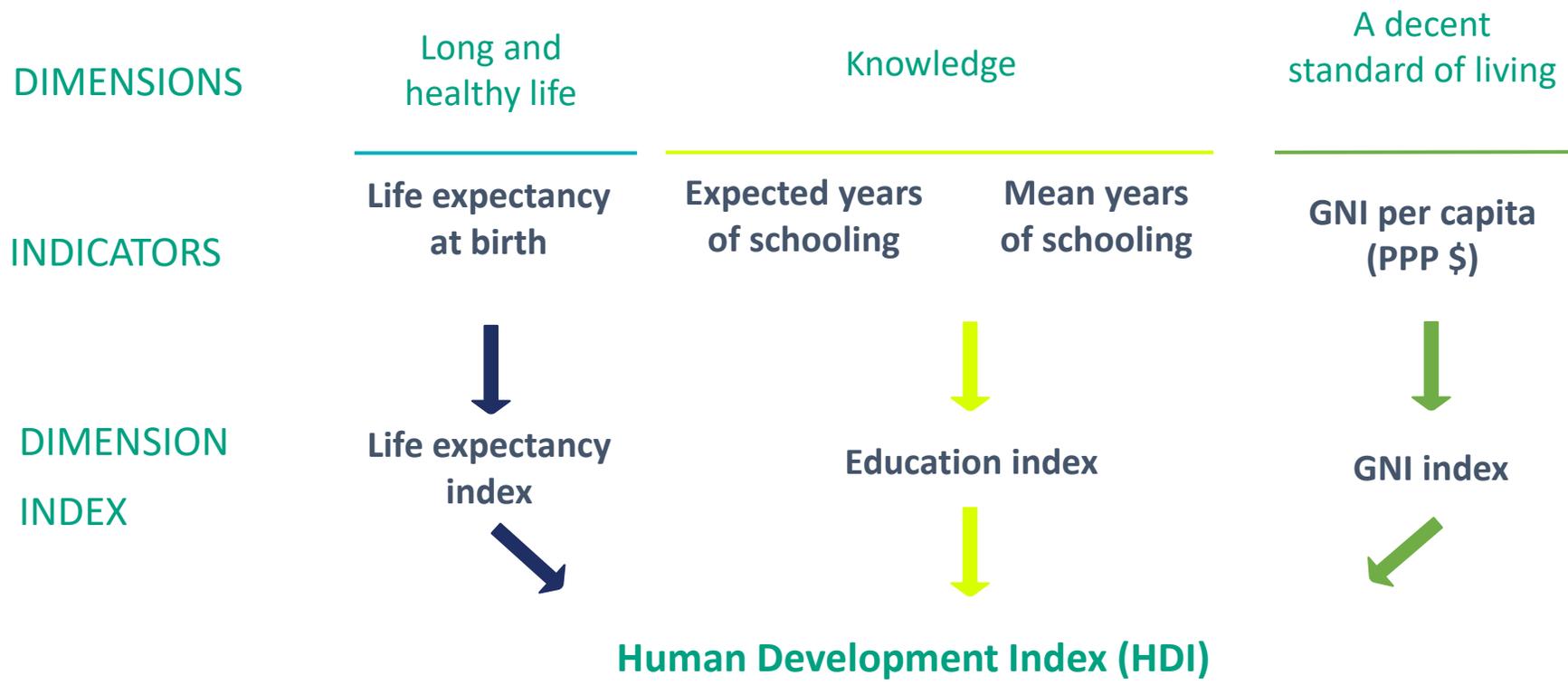
2025 Human Development Report
“A matter of choice: People and possibilities in the age of AI”



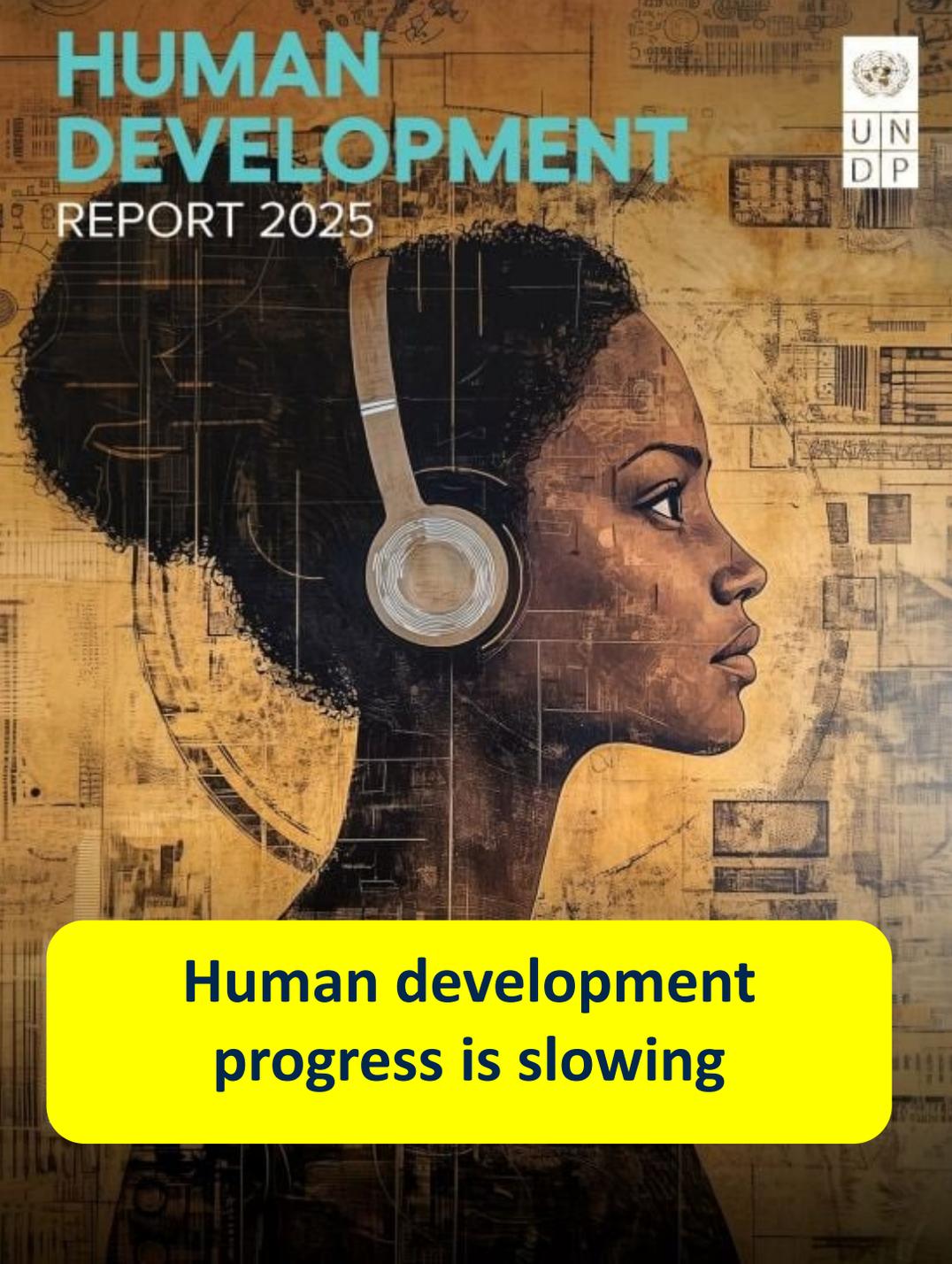
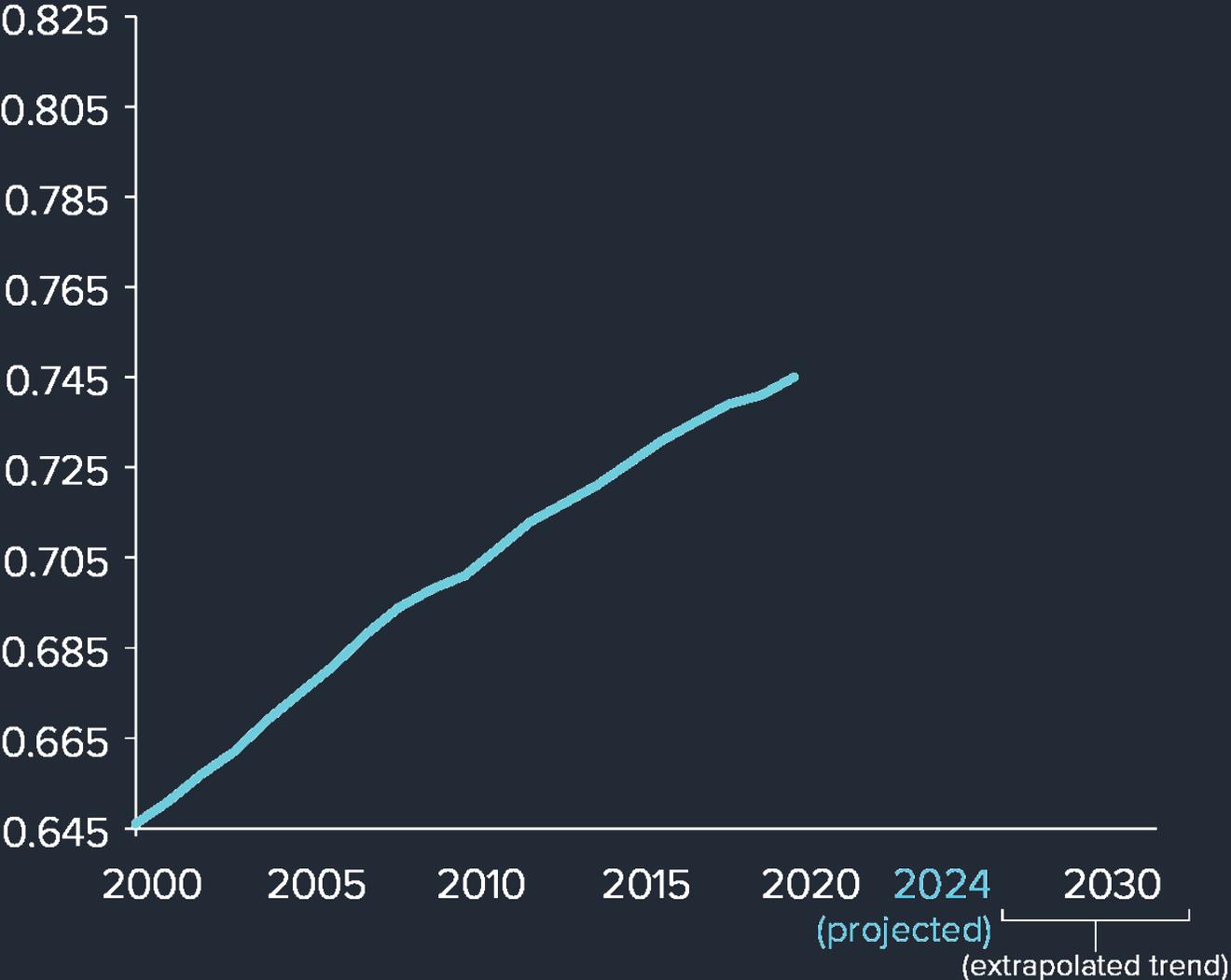
Source: 1990 Human Development Report “Concept and Measurement of Human Development”

Human Development Index (HDI)

A multidimensional capabilities index to track a broader notion of progress (going beyond a single focus on income)



Global Human Development Index (HDI) values and trends, 1999–2030



Human development progress is slowing

Data of Human Development Index

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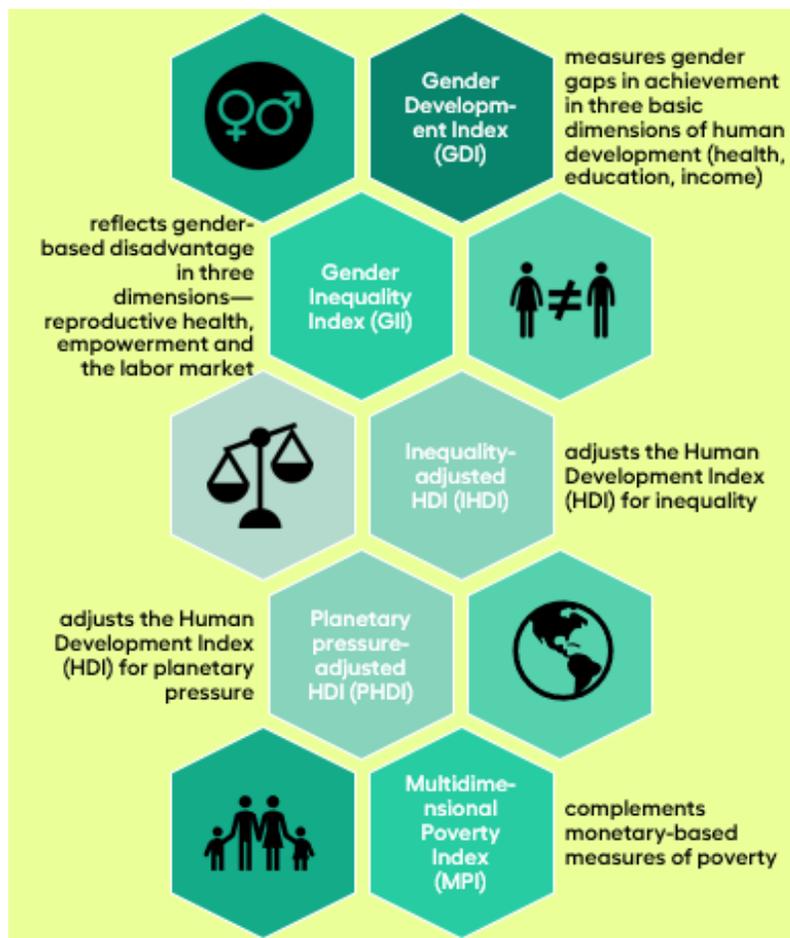


Dimension	Indicator	Source
Long and healthy life	Life expectancy (at birth)	UNDESA – Population Division
Knowledge	Expected years of schooling (at primary school entering age)	UNESCO Institute for Statistics
	Mean years of schooling (of population ages 25+)	UNESCO Institute for Statistics
Standard of living	Gross national income per capita (PPP\$)	World Bank, IMF, UN Data

Source: UNDP 2025, Human Development Index <https://hdr.undp.org/data-center/human-development-index#/indicies/HDI>

Human Development Indices: People-Centered Metrics

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Statistical Annex

HUMAN DEVELOPMENT COMPOSITE INDICES

- 1 Human Development Index and its components
- 2 Human Development Index trends, 1990–2023
- 3 Inequality-adjusted Human Development Index
- 4 Gender Development Index
- 5 Gender Inequality Index
- 6 Multidimensional Poverty Index: developing countries
- 7 Planetary pressures-adjusted Human Development Index

<https://hdr.undp.org/data-center/composite-indices>

Inequality in Human Development

Inequality-adjusted HDI (IHDI)

- Adjusts the Human Development Index (HDI) for inequality
- Intragenerational inequality

Planetary pressure-adjusted HDI (PHDI)

- Adjusts the Human Development Index (HDI) for planetary pressure
- Intergenerational inequality

Inequality-adjusted Human Development Index (IHDI)



- Adjusts the HDI for inequality in the distribution of each dimension across the population
- The IHDI value equals the HDI value when there is no inequality across people but falls below the HDI value as inequality rises

Data sources for computation of inequality -adjusted dimension indices:

Dimension	Distribution	Source
Life expectancy	Life tables	UN DESA – Population Division
Education	Years of schooling (of population ages 25+)	Household surveys data harmonized in international databases
Income	Income per capita	UNU-WIDER World Income Inequality Database (WIID)

- The IHDI is calculated for 169 countries (2025 HDR)
- When the HDI is adjusted for inequalities, the global overall loss in HDI was 22.0% (2025 HDR)

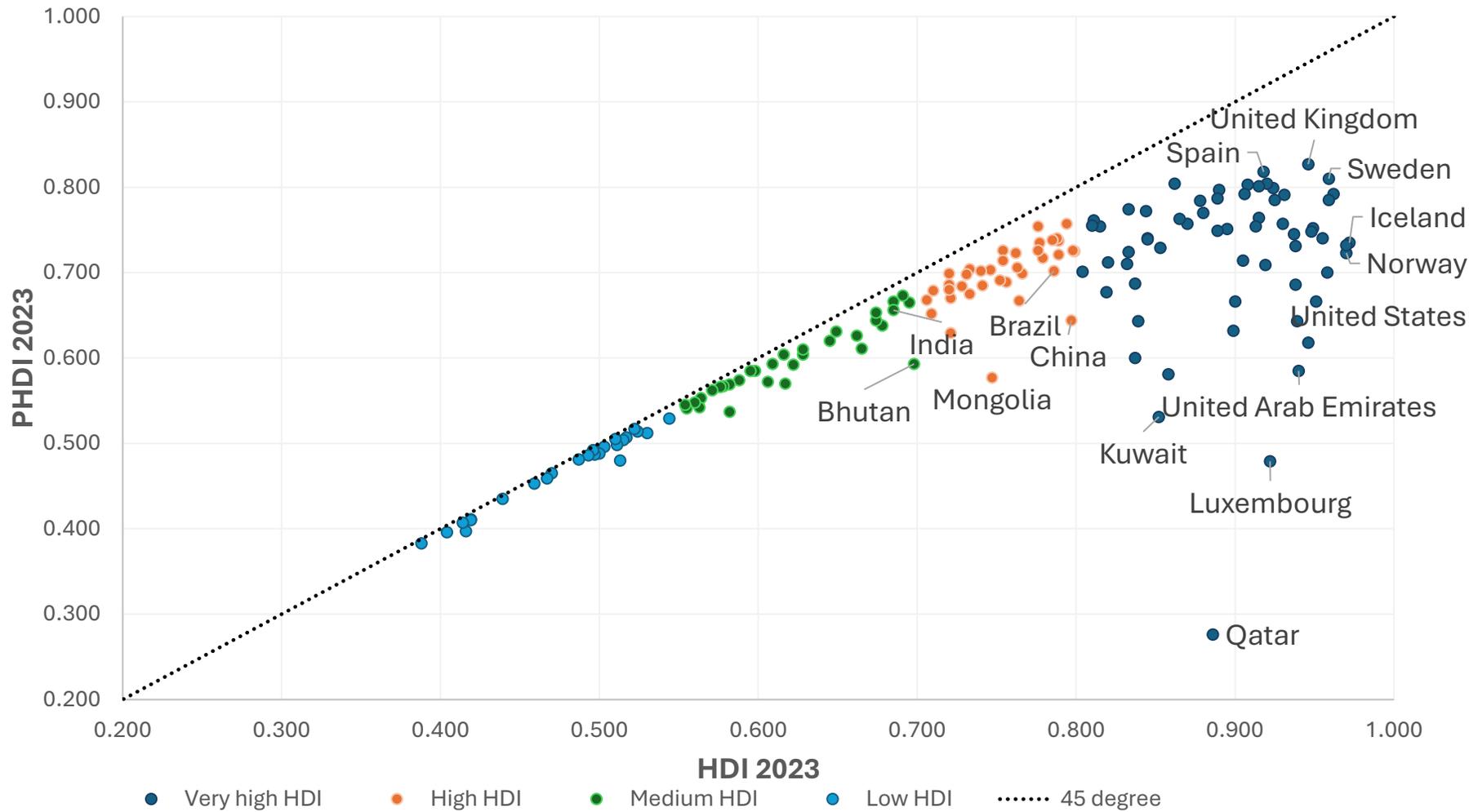
Planetary pressure-adjusted Human Development Index (PHDI)

- Adjusts the HDI for planetary pressures in the Anthropocene
- Computed as: $\text{HDI} \times (1 - \text{index of planetary pressures})$ where $(1 - \text{index of planetary pressures})$ can be seen as an adjustment factor
- In an ideal scenario where there are no pressures on the planet, the PHDI equals the HDI. However, as pressures increase, the PHDI falls below the HDI

Indicator	Source
Carbon dioxide emissions per capita (production) (tonnes)	Global Carbon Project
Material footprint per capita (tonnes)	United Nations Environment Programme

- The PHDI is calculated for 156 countries (2025 HDR)
- When the HDI is adjusted for planetary pressures, the global difference from the HDI value is 10.1% (2025 HDR)

Planetary pressure-adjusted Human Development Index (PHDI)



Source: UNDP 2025, PHDI <https://hdr.undp.org/planetary-pressures-adjusted-human-development-index#/indicies/PHDI>

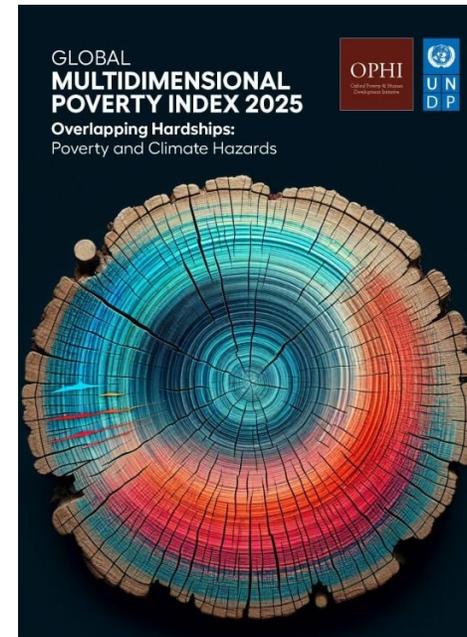
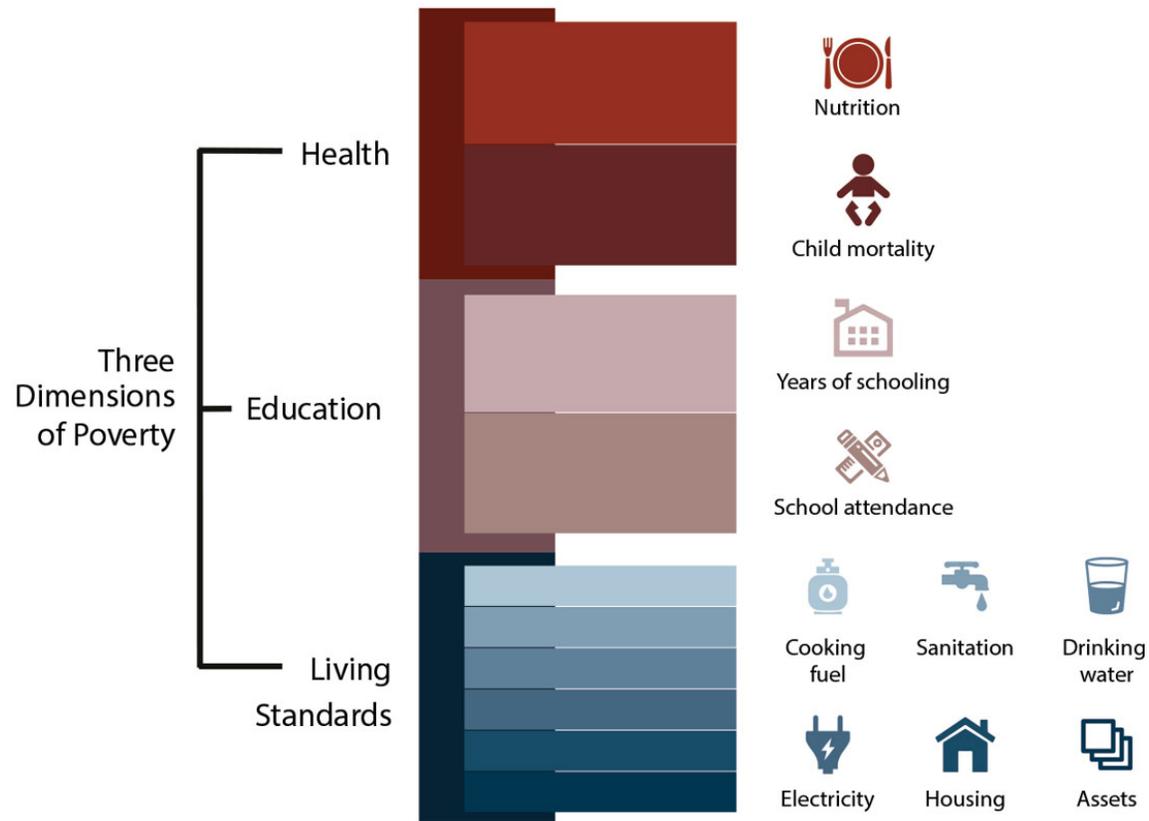
Poverty in Human Development

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Global Multidimensional Poverty Index (MPI)

2025 Global MPI Report



Gender in Human Development

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Gender Development Index (GDI)

Well-being

Beyond average, across groups

Gender Inequality Index (GII)

Empowerment/ Agency

Ability to act and reason according to commitments/ values, beyond own wellbeing

Gender Social Norms Index (GSNI)

Social norms

Changing culture (values, beliefs and social norms)

Gender Development Index (GDI)

- Measures disparities in the HDI by gender. Calculated as: $GDI = \frac{HDI_f}{HDI_m}$

Dimension	Indicator (disaggregated by sex)	Source
Long and healthy life	Life expectancy (at birth)	UN DESA – Population Division
Knowledge	Expected years of schooling (at primary school entering age)	UNESCO Institute for Statistics
	Mean years of schooling (of population ages 25+)	UNESCO Institute for Statistics
Standard of living	Gross national income per capita (PPP\$)	World Bank, IMF, UN Data

- Countries are grouped into five groups by absolute deviation from gender parity in HDI values
- The GDI is calculated for 184 countries (2025 HDR)

Gender Inequality Index (GII)

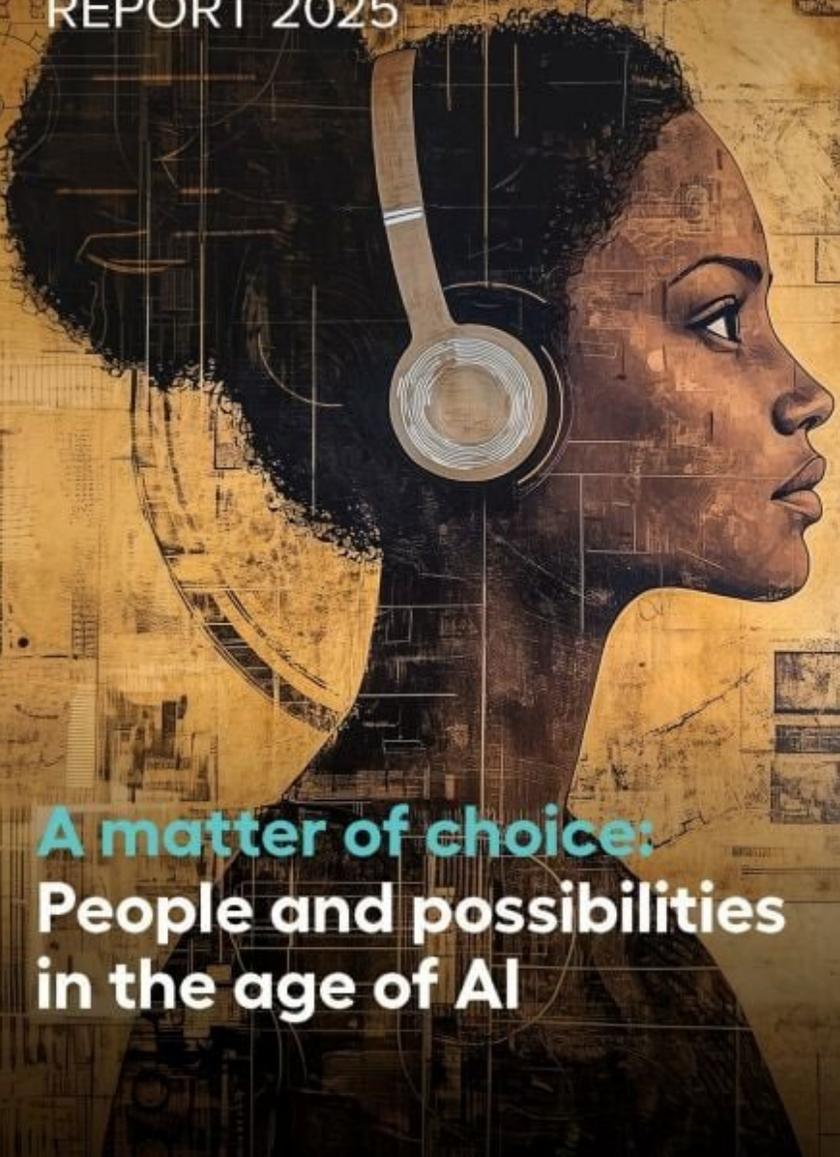
- Measures gender inequalities in empowerment
- Ranges from 0 (where women and men fare equally) to 1 (where one gender fares as poorly as possible in all measured dimensions)

Dimension	Indicator	Source
Reproductive health	Maternal mortality ratio	Estimates by WHO, UNICEF, UNFPA, World Bank Group and the United Nations Population Division
	Adolescent birth rate	UN DESA – Population Division
Empowerment	Parliamentary representation	Inter-Parliamentary Union
	Population with at least some secondary education	UNESCO Institute for Statistics
Labour market	Labour force participation rate	International Labour Organization

- The GII is calculated for 172 countries (2025 HDR)

HUMAN DEVELOPMENT REPORT 2025

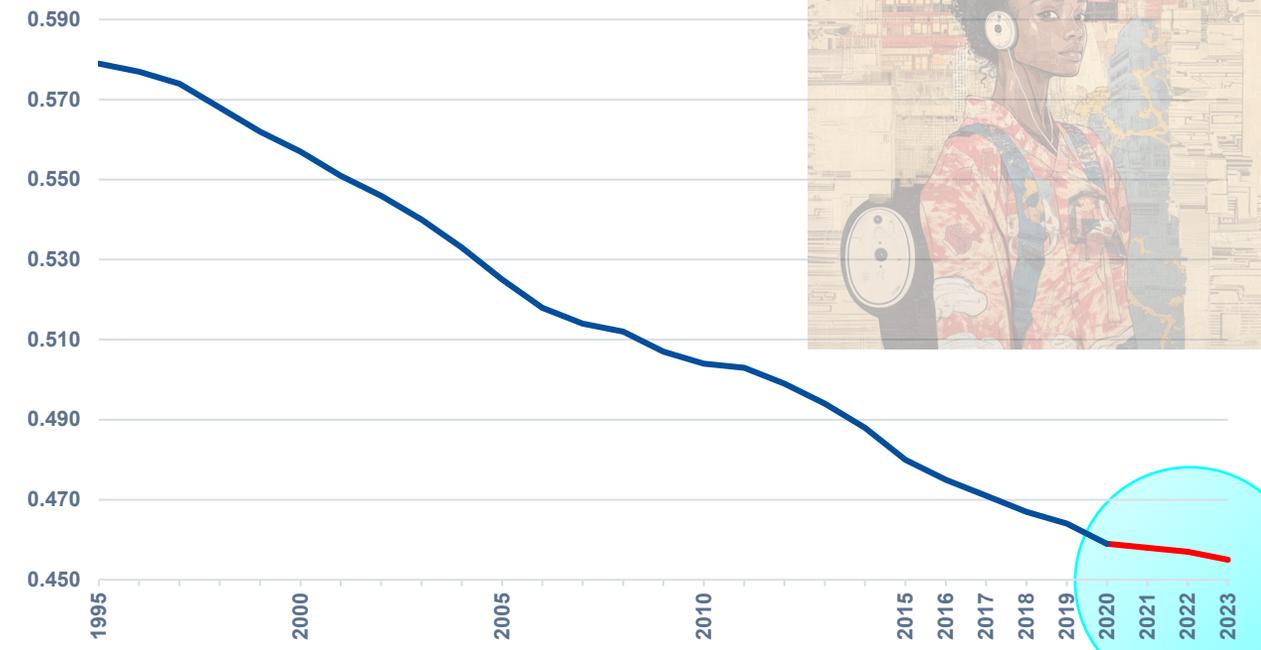
REPORT 2025



A matter of choice:
People and possibilities
in the age of AI

Progress towards Gender Equality is slowing after 2020

GII, World



Source: Human Development Report Office.

Gender Gaps in Capabilities and Empowerment

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Worldwide, the gender gap in education on average is **8.2%**, but the gap is disproportionately large in income persisting at **42.0%**



In **66** countries adult women are more educated than adult men, in those same countries, the income gender gap on average is **38.4%**

The Gender Social Norms Index (GSNI)

DIMENSIONS

Political

Educational

Economic

Physical Integrity

INDICATORS

Women having the same rights as men is essential for democracy

Men make better political leaders than women do

University is more important for men than for women

Men should have more right to a job than women

Men make better business executives than women do

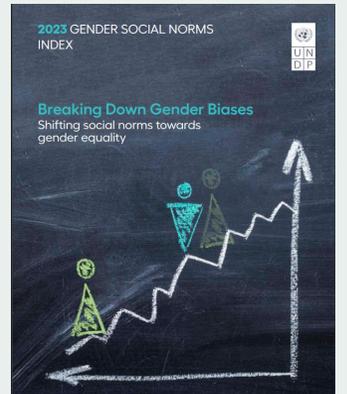
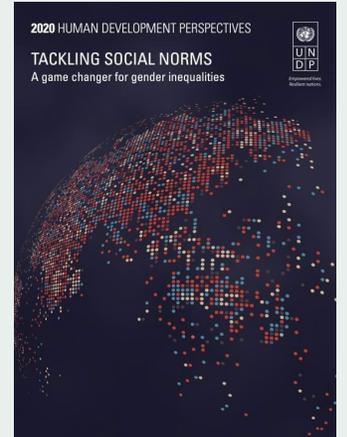
Proxy for intimate partner violence

Proxy for reproductive rights

GENDER SOCIAL NORMS INDEX

Source: Human Development Report Office.

Access the latest report here: <https://hdr.undp.org/content/2023-gender-social-norms-index-gsni>



Human Development Indices Consultation Process

Actions taken to strengthen the **transparency** of the process

Engagement with the official statistical community

- The calendar for HDR and HD indices preparation was shared with all NSOs in advance
- Information about the sources of key indicators was shared in advance
- Any discrepancy was reminded to be brought to the attention of the source organization
- Periodic reporting to the UN Statistical Commission

Consultations, workshops, and meetings

- Side-event to the UN Statistical Commission
- Regional and thematic consultations
- Measurement conferences (environmental sustainability, gender gaps and women's empowerment, and others)

Statistical Advisory Panel



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Thank you!



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HUMAN DEVELOPMENT DATA



Global, regional, and country/territory-level data on key dimensions of human development, with interactive insights and publications. The human development data are globally comparable, linked to the Sustainable Development Goals (SDGs), and sourced from international data agencies with the mandate, resources, and expertise to collect national data on specific indicators unless otherwise noted.

