

Package: undpcomposite (via r-universe)

October 3, 2026

Type Package

Title UNDP Composite Indicators Timeseries

Version 1.0.2

Description Provides tidy data on the composite indices of the UNDP Human Development Report 2023/2024 (HDI, GDI, IHDI, GII and PHDI) and their components as a time series from 1990 to 2022 for 195 countries and territories and 11 UNDP aggregates.

License CC BY 4.0

Encoding UTF-8

LazyData true

Depends R (>= 3.5)

Language en-GB

Config/Needs/website rmarkdown, dplyr, knitr, readr, stringr, gt, kableExtra, ggplot2

Date 2025-02-10

URL <https://github.com/openwashdata/undpcomposite>

BugReports <https://github.com/openwashdata/undpcomposite/issues>

X-schema.org-keywords open data, washdata, human development index, gender development index, gender inequality index, inequality, planetary pressures, time series, sdgs

X-schema.org-spatialCoverage Worldwide

X-schema.org-temporalCoverage 1990-01-01/2022-12-31

Config/roxygen2/version 8.0.0

Repository <https://openwashdata.r-universe.dev>

Date/Publication 2026-10-03 12:56:15 UTC

RemoteUrl <https://github.com/openwashdata/undpcomposite>

RemoteRef HEAD

RemoteSha aa6b67ad3ecf56b675263147d45009b5a673d414

Contents

undpcomposite	2
Index	4

undpcomposite	<i>undpcomposite: UNDP composite indices for countries and aggregates, 1990 to 2022</i>
---------------	---

Description

Composite indices from the UNDP Human Development Report 2023/2024 complete time series: the Human Development Index (HDI), the Gender Development Index (GDI), the Inequality-adjusted HDI (IHDI), the Gender Inequality Index (GII) and the Planetary pressures-adjusted HDI (PHDI), with their components, for 195 countries and territories and 11 UNDP aggregates (development groups, developing regions and the world). One row per country or aggregate and year, from 1990 to 2022. Not every index covers every year; missing values are NA.

Usage

undpcomposite

Format

- A tibble with 6798 rows and 45 variables
- iso3** ISO3 country code
- country** Country name
- hdicode** Human Development Group
- region** UNDP developing regions
- hdi_rank_2022** HDI Rank in 2022
- year** Year of value
- hdi** Human Development Index
- le** Life Expectancy at Birth (years)
- eys** Expected Years of Schooling (years)
- mys** Mean Years of Schooling (years)
- gnipc** Gross National Income Per Capita (2017 PPP\$)
- gdi_group** GDI Group
- gdi** Gender Development Index (value)
- hdi_f** HDI female
- le_f** Life Expectancy at Birth, female (years)
- eys_f** Expected Years of Schooling, female (years)
- mys_f** Mean Years of Schooling, female (years)

gni_pc_f Gross National Income Per Capita, female (2017 PPP\$)
hdi_m HDI male
le_m Life Expectancy at Birth, male (years)
eys_m Expected Years of Schooling, male (years)
mys_m Mean Years of Schooling, male (years)
gni_pc_m Gross National Income Per Capita, male (2017 PPP\$)
ihdi Inequality-adjusted Human Development Index (value)
coef_ineq Coefficient of human inequality
loss Overall loss (%)
ineq_le Inequality in life expectancy
ineq_edu Inequality in education
ineq_inc Inequality in income
gii_rank GII Rank
gii Gender Inequality Index (value)
mmr Maternal Mortality Ratio (deaths per 100,000 live births)
abr Adolescent Birth Rate (births per 1,000 women ages 15-19)
se_f Population with at least some secondary education, female (% ages 25 and older)
se_m Population with at least some secondary education, male (% ages 25 and older)
pr_f Share of seats in parliament, female (% held by women)
pr_m Share of seats in parliament, male (% held by men)
lfpr_f Labour force participation rate, female (% ages 15 and older)
lfpr_m Labour force participation rate, male (% ages 15 and older)
rankdiff_hdi_phdi Difference from HDI rank
phdi Planetary pressures-adjusted Human Development Index (value)
diff_hdi_phdi Difference from HDI value (%)
co2_prod Carbon dioxide emissions per capita (production) (tonnes)
mf Material footprint per capita (tonnes)
pop_total Population, total (millions)

Source

Obtained from the UNDP Human Development Report 2023/2024, composite indices complete time series (<https://hdr.undp.org/data-center/documentation-and-downloads>), published under the Creative Commons Attribution 3.0 IGO licence.

Examples

```

# HDI of the world aggregate in the first and the last year
world <- undpcomposite[undpcomposite$iso3 == "ZZK.WORLD", ]
world[world$year %in% c("1990", "2022"), c("country", "year", "hdi")]

```

Index

* **datasets**

undpcomposite, [2](#)

undpcomposite, [2](#)