Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Target 4.5: By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations

Indicator 4.5.1: Parity indices (female/male, rural/urban, bottom/top wealth quintile and others such as disability status, indigenous peoples and conflict-affected, as data become available) for all education indicators on this list that can be disaggregated

Institutional information

Organization(s):

UNESCO Institute for Statistics (UNESCO-UIS)

Concepts and definitions

Definition:

Parity indices require data for the specific groups of interest. They represent the ratio of the indicator value for one group to that of the other. Typically, the likely more disadvantaged group is placed in the numerator. A value of exactly 1 indicates parity between the two groups.

Concepts:

See metadata for relevant underlying indicator.

Rationale:

To measure the general level of disparity between two sub-populations of interest with regard to a given indicator. The further from 1 the parity index lies, the greater the disparity between the two groups of interest.

Comments and limitations:

The indicator is not symmetrical about 1 but a simple transformation can make it so (by inverting ratios that exceed 1 and subtracting them from 2). This will make interpretation easier.

Methodology

Computation method:

The indicator value of the likely more disadvantaged group is divided by the indicator value of the other sub-population of interest.

DPI = [Indi]d

[Indi]a

where:

DPI = the Dimension (Gender, Wealth, Location, etc.) Parity Index

Indi = the Education 2030 Indicator i for which an equity measure is needed.

d = the likely disadvantaged group (e.g. female, poorest, etc.)

a = the likely advantaged group (e.g. male, richest, etc.)

Treatment of missing values:

- ***At country level:***

The same as the underlying indicator.

- ***At regional and global levels:***

The same as the underlying indicator.

Regional aggregates:

The same as the underlying indicator.

Sources of discrepancies:

The same as the underlying indicator.

Data sources

Description:

The sources are the same as for the underlying indicators for this goal.

Collection process:

The same as the underlying indicator.

Data availability

Depends on underlying indicator

Disaggregation:

None because the parity indices directly compare two sub-populations of interest.

Calendar

Data collection:

Depends on underlying indicator.

Data release:

Depends on underlying indicator.

Data providers

The same as the underlying indicator.

Data compilers

UNESCO Institute for Statistics

References

URL:

http://www.uis.unesco.org/Pages/default.aspx

References:

See references for each underlying indicator.

Related indicators

All equity targets and targets associated with the underlying indicators.