



unesco

Institute for Statistics

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

METADATA

Target 4.2 By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education

4.2.4 Gross early childhood education enrolment ratio in (a) pre-primary education and (b) early childhood educational development

Definition

Total enrolment in (a) pre-primary education and (b) early childhood educational development regardless of age expressed as a percentage of the population of the official age for the respective level of education.

Purpose

To show separately the general level of participation in the two categories of early childhood education: pre-primary education and early childhood educational development. The values indicate the capacity of the education system to enrol children of early childhood education age.

Calculation method

The number of students enrolled in the given category of early childhood education is expressed as a percentage of the population of the official age for the respective level of education.

$$GER_{0,c} = \frac{E_c}{SAP_{0,c}}$$

where:

$GER_{0,c}$ = gross early childhood education enrolment ratio in category c

E_c = enrolment in early childhood education category c

$SAP_{0,c}$ = population of the official age for category c

C = early childhood education (ISCED level 0), early childhood educational development (ISCED level 01), or pre-primary education (ISCED level 02)

Interpretation

A high value generally indicates a high degree of participation, whether the pupils belong to the official age group or not. A value approaching or exceeding 100% indicates that a country is, in principle, able to accommodate all of its early childhood education-age population, but it does not indicate the proportion already enrolled. The achievement of a gross enrolment ratio of 100% is therefore a necessary but not sufficient condition for enrolling all eligible children in early childhood education.

Type of data source

Administrative data, household surveys.

Disaggregation

By sex from administrative sources; and by sex, location and income from household surveys and others as available.

Data required

Enrolment in pre-primary education and early childhood educational development; population estimates by single year of age (if using administrative data) and data on the structure (entrance age and duration) of early childhood education.

Data sources

Administrative data from schools or household survey data on enrolment; population censuses and surveys for population estimates by single year of age (if using administrative data on enrolment); administrative data from ministries of education on the structure (entrance age and duration) of early childhood education.

Quality assurance

The indicator at each level of education should be based on total enrolment in all types of education institutions, including public, private and all other institutions that provide organized educational programmes. The UIS maintains the global database used to produce this indicator.

Limitations and comments

The gross enrolment ratio can exceed 100% due to the inclusion of over-aged or under-aged pupils because of early or late entrance.