SUSTAINABLE DEVELOPMENT GOAL (SDG) 4
COUNTRY PROFILE

Country or territory
Region
Income group

Estonia
Europe and Northern America
High income

National Context

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Education System

Official entrance age (years)

- Pre-primary: 3 years
- Primary: 7 years
- Lower Secondary: 13 years
- Upper Secondary: 16 years

Government expenditure on education as...

- % of GDP: 5.2% (Year 2016)
- % of total government expenditure: 13.1% (Year 2015)

Data sources:
Various cross-national learning assessments including Programme d’analyse des systèmes éducatifs de la CONFEMEN (PASEC), Progress in International Reading Literacy Study (PIRLS), Programme for International Student Assessment (PISA), Southern and Eastern Africa Consortium for Monitoring Educational Quality (SACMEQ), Tercer Estudio Regional Comparativo y Explicativo (TERCE) and Trends in International Mathematics and Science Study (TIMSS).

4.1 - Free, equitable and quality primary and secondary education

Indicator 4.1.1 - Proportion of children and young people achieving at least a minimum proficiency level in reading, by sex

- (a) in Grade 2 or 3
- (b) at the end of primary education
- (c) at the end of lower secondary education

Data sources:
Various cross-national learning assessments including Programme d’analyse des systèmes éducatifs de la CONFEMEN (PASEC), Progress in International Reading Literacy Study (PIRLS), Programme for International Student Assessment (PISA), Southern and Eastern Africa Consortium for Monitoring Educational Quality (SACMEQ), Tercer Estudio Regional Comparativo y Explicativo (TERCE) and Trends in International Mathematics and Science Study (TIMSS).

What is this?
The bars represent the percentage of students in each level achieving minimum proficiency level in reading and mathematics. Minimum proficiency level (MPL) is the benchmark of basic knowledge in a domain (mathematics, reading, etc.) measured through learning assessments. Currently, there are no common standards validated by the international community or countries. The MPL used for this chart was set by each of the projects providing the data.

Indicator 4.1.1 - Proportion of children and young people achieving at least a minimum proficiency level in mathematics, by sex

- (a) in Grade 2 or 3
- (b) at the end of primary education
- (c) at the end of lower secondary education

Data sources:
Various cross-national learning assessments including Programme d’analyse des systèmes éducatifs de la CONFEMEN (PASEC), Progress in International Reading Literacy Study (PIRLS), Programme for International Student Assessment (PISA), Southern and Eastern Africa Consortium for Monitoring Educational Quality (SACMEQ), Tercer Estudio Regional Comparativo y Explicativo (TERCE) and Trends in International Mathematics and Science Study (TIMSS).

Source: UIS and UOE Surveys of Formal Education

Note: This section includes the main demographic and socioeconomic indicators of the country for the last available year.
Sources: (1) rural population and life expectancy: UN Population Division; (2) poverty headcount ratio: World Bank.
### 4.2 - Quality early childhood development, care and pre-primary education

**Indicator 4.2.1 - Proportion of children under 5 years of age who are developmentally on track in health, learning and psychosocial well-being, by sex**

What is this?
The slices represent the percentage of children aged 36-59 months who are developmentally on track in at least three of the following four domains: literacy-numeracy – to identify at least 10 letters of the alphabet, read 4 simple words and recognise and name all numbers from 1 to 10; physical – to pick up small objects easily and are generally well enough to play; socio-emotional – to undertake simple activities independently, get along with other children and do not usually kick, bite or hit other children or adults; and learning – participate in any type of organized learning including early childhood education, kindergarten or community care.

Source: Daily Childhood Development Index from UNICEF’s Multiple Indicator Cluster Surveys (MICS) and USAID’s Demographic and Health Surveys (DHS)

### 4.3 - Quality TVET and tertiary education

**Indicator 4.3.1 - Participation rate of youth and adults in formal and non-formal education and training in the previous 12 months, by sex**

What is this?
The percentage of youth and adults who have participated in a formal or non-formal education and training programme in the previous 12 months.

Data sources
Source: National household surveys coordinated by the EU Adult Education Survey (AES, target population 25-64 years) and OECD Survey of Adult Skills (PIAAC, target population 16-65 years).

### 4.4 - Technical and vocational skills

**Indicator 4.4.1 - Proportion of youth and adults with information and communications technology (ICT) skills, by type of skill**

Proportion of youth and adults who have...

- **Copied or moved a file or folder**
  - 56.4%
- **Connected and installed new devices**
  - 53.3%
- **Created electronic presentation with presentation software**
  - 32.5%

What is this?
The percentage of the population who declared that they can copy or move a file or a folder on a desktop computer, a laptop (portable) computer or a tablet (or similar handheld computer); The percentage of the population who declared that they can connect and install new devices (e.g. modem, camera, printer); The percentage of the population who declared that they can create electronic presentations with presentation software (including text, images, sound, video or charts).

Data sources
Source: National household surveys. Data compiled by Eurostat and International Telecommunication Union (ITU).

Source: Eurostat’s Adult Education Survey (AES), OECD’s Survey of Adult Skills (PIAAC), national Labour Force Surveys.

Year: 2016

Sources: Eurostat’s Adult Education Survey (AES), OECD’s Survey of Adult Skills (PIAAC), national Labour Force Surveys.
### 4.6 - Youth and adult literacy and numeracy

**Indicator 4.6.1** - Percentage of population in a given age group achieving at least a fixed level of proficiency in functional (a) literacy and (b) numeracy skills, by sex

**Literacy**

- Data for the country is not available

**Numeracy**

- Data for the country is not available

**What is this?**

The slices represent the percentage of the population (aged 15 years and above) who have achieved or exceeded a given level of proficiency in literacy and numeracy.

**Data sources**

National household surveys coordinated by the OECD Programme for the International Assessment of Adult Competencies (PIAAC) and the World Bank’s Skills Towards Employment and Productivity (STEP).

### 4.a - Education facilities

**Indicator 4.a.1** - Proportion of schools with access to: (a) electricity; (b) the Internet for pedagogical purposes; (c) computers for pedagogical purposes; (d) adapted infrastructure and materials for students with disabilities; (e) basic drinking water; (f) single-sex basic sanitation facilities; and (g) basic handwashing facilities (as per the WASH indicator definitions)

#### Data sources

Administrative data from schools and other providers of education or training. Data compiled by the UNESCO Institute for Statistics.
**4.b - Scholarships**

Indicator 4.b.1 - Volume of official development assistance flows for scholarships, constant US$

What is this?
Total net official development assistance (ODA) for scholarships in donor countries expressed in US dollars at the average annual exchange rate.

Data sources
Administrative data from donor countries and other aid providers on net official development assistance to education. Data compiled by the Development Assistance Committee (DAC) of the Organisation for Economic Co-operation and Development from returns submitted by its member countries and other aid providers.

**4.c - Qualified teachers**

Indicator 4.c.1 - Proportion of teachers in: (a) pre-primary education; (b) primary education; (c) lower secondary education; and (d) upper secondary education who have received at least the minimum organized pedagogical teacher training (e.g. pedagogical training) pre-service or in-service required for teaching at the relevant level in a given country, by sex

What is this?
Percentage of teachers by level of education taught (pre-primary, primary, lower secondary and upper secondary education) who have received at least the minimum organized pedagogical teacher training pre-service and in-service required for teaching at the relevant level in a given country.

Data sources
Administrative data from schools and other providers of education or training. Data compiled by the UNESCO Institute for Statistics.