

## Indicator 4.4.1

### Indicator Name, Target and Goal

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

**Target 4.4** By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

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

### Definition and Rationale

#### ○ Definition

Ratio according to the ICT skill among subjects of survey people 12 years or older

#### ○ Concepts

Computer-related activities to measure ICT skills include:

- Using copy and paste tools to duplicate or move information within a document (Including using copy and paste tools to duplicate or move information within a document)
- Sending e-mails with attached files (e.g. document, picture, video)
- Using basic arithmetic formulas in a spreadsheet
- Creating electronic presentations with presentation software (including images, sound, video or charts)
- Connecting and installing new devices (e.g. a modem, camera, printer)
- Finding, downloading, installing and configuring software
- Transferring files between a computer and other devices
- Writing a computer program using a specialized programming language

#### ○ Rationale and Interpretation

This indicator is selected by “Questionnaire on Information and Communication Technology (ICT) Access and Use by Households and Individuals” which is ITU survey as SDG indicator.

### Data Sources and Collection Method

The Communications Usage Trend Survey

## **Method of Computation and Other Methodological Considerations**

- Computation Method
  - Ration according to the ICT skill among estimation population of more than 12 years old in the Communications Usage Trend Survey.
  - Population of more than 12 years old is estimated from 2015 Population Census.
  - This data is provided to ITU.
  
- Comments and limitations
  - The survey is sample survey and the person who is targeted for an answer 12 years old or older for this indicator.

## **Data Disaggregation**

Type of skill

## **References**

<https://www.e-stat.go.jp/stat-search/files?page=1&layout=datalist&toukei=00200356&tstat=000001115796&cycle=0&tclass1=000001115799&second=1&second2=1>

## **Custodian Ministries of Data**

The Ministry of International Affairs and Communications

## **Custodian Ministries of Related Policies**

Digital Agency

Ministry of Education, Culture, Sports, Science and Technology

## **International Organizations**

UNESCO Institute for Statistics (UNESCO-UIS)

International Telecommunication Union (ITU)