

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 6 years old or older

○ Concepts

Computer-related activities to measure ICT skills include:

- 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
- Posting and viewing photos, videos, and opinions via SNS

○ 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 more than 6 years old in the Communications Usage Trend Survey. (12 years old or older in 2017 and 2018)

- Comments and limitations
 - The survey is sample survey and the person who is targeted for an answer 6 years old or older for this indicator.

Data Disaggregation

Type of skill

References

<https://www.e-stat.go.jp/stat-search?page=1&toukei=00200356>

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

Ministry of Economy, Trade and Industry

International Organizations

UNESCO Institute for Statistics (UNESCO-UIS)

International Telecommunication Union (ITU)