

United Nations Statistical Commission

Fifty-third session

Item 3 (q) of the provisional agenda

Items for discussion and decision: information and communications technology statistics

Document E/CN.3/2022/21 – Report of the Partnership on Measuring Information and Communication Technologies for Development

Statement provided by:



Statistics Poland

Statement:

Statistics Poland approves the revised core list of information and communications technology indicators, definitions, and statistical standards and supports the implementation of the revised guidelines to improve the availability and quality of ICT indicators.

Statistics Poland fully supports the collection of e-waste indicators because e-waste has become a severe environmental problem. Appreciation is also expressed for using the second edition of e-waste Statistics: Guidelines for Classification, Reporting, and Indicators, where users and producers can find the information on concepts to measure the size of a country's e-waste market. Initiatives must be taken to help countries implement e-waste statistics, given that there are significant differences among countries in terms of the level of development of these statistics. We support all activities undertaken to develop internationally comparable e-waste statistics presenting technical support to countries. Better quality of e-waste data will also contribute to achieving the Sustainable Development Goals, particularly SDG 12, to "ensure sustainable consumption and production patterns."

Regarding big data for measuring the information economy and society, Statistics Poland is involved in ESSnet Big Data II. Its objective is to integrate big data in the regular production of official statistics through pilots exploring the potential of selected big data sources and building and implementing concrete applications. Several areas of involvement are web scraping of online vacancies and websites to collect enterprise characteristics.

Statistics Poland is also a leader of the TranStat project - an intelligent system for the real-time production of road and sea transport statistics using big data and other sources to help shape the country's transport and environmental policy. The system also covers statistics on transportation externalities, i.e., emission estimates. The project's primary goal is to modernize road and maritime transport statistics production system by using big data sets and toolsets, implementing new data integration and processing (including acquiring streaming data). The project has been realized with the cooperation of two universities. The TranStat system was just released and is available for users (<https://transtat.stat.gov.pl/default.aspx>)

Statistics Poland recommends considering a more in-depth exploration of the enablers and obstacles to using big data for measuring ICT indicators. Experts from Statistics Poland are actively involved in the implementation of experimental research using big data in this area, including the ESSnet Trusted Smart Statistics - Web Intelligence Network project, carried out from April 2021 to March 2022, which includes: acquiring, processing, collecting, and sharing data from the Internet, such as online job

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advertisements, online-based enterprise characteristics, real estate data, and tourist hotel base. A significant part of the project includes promotional and educational activities to raise awareness and knowledge about the analytical environment called the Web Intelligence Hub developed to enable NSOs to produce new and augmented statistics with web data.

Submitted on:

2/25/2022