UNCTAD Working Group on Measuring e-commerce and the digital economy 3rd meeting
28-29 November 2022, Geneva

Update on the work of the Partnership on Measuring ICT for Development

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Outline

- Recent activities of the Partnership

- ITU's work related to measuring e-commerce

- Update on new data sources (related to digital economy)

Partnership on Measuring ICT for Development

High-Level Political Forum 2021 (HLPF 2021)

- Held from 6 - 15 July 2021
- Partnership document:
  - a thematic list of ICT indicators (measure ICT availability and use in sectors relevant to the Goals that are not covered in the global indicator framework for the SDGs)

  - 26 ICT indicators - related to 27 SDG Targets belonging to 11 Goals

  - Covering ICT infrastructure and access; access to and use of ICT by households and individuals; use of ICT by businesses; the ICT sector; trade in ICT goods, trade in ICT services and trade in ICT-enabled services; ICT in education; e-waste and e-government

  - Future directions: Big data and the digital economy

ESCWA - Digital Cooperation and Development Forum 2021

- Improving ICT data availability to support regional digital development
- Held on 16 December 2021

  - Update on the work of the Partnership and future plans
  - Discussed the importance of improving the availability of ICT indicators to support the Arab digital agenda

UN Statistical Commission (UNSC) 2022

- 53rd session - held on 1 to 4 March 2022

- Partnership document:
  - Provided an update on the work of the Partnership
  - Endorsed the revised core list of ICT indicators
  - Urged the implementation of the list to improve the availability and quality of ICT indicators to better assess the digital readiness of countries to face crises (such as Covid-19),
  - Recommended the use of the latest methodological material and related capacity building resources produced by Partners
  - Requested national statistics offices to explore the use of big data for measuring the information economy and society

https://www.itu.int/en/ITU-D/Statistics/Pages/coreindicators/default.aspx

WSIS Forum 2022 – Session 340

- Thursday, 2 June 2022

- Exploring the use of innovative data sources

- Topics covered:
  - Artificial intelligence and data science in public services
  - Work of the UN Committee of Experts on Big Data (TasK Team on Mobile phone data; measuring the information society)
  - Measurement of ICT in businesses, ICT sector, and on international trade in ICT goods
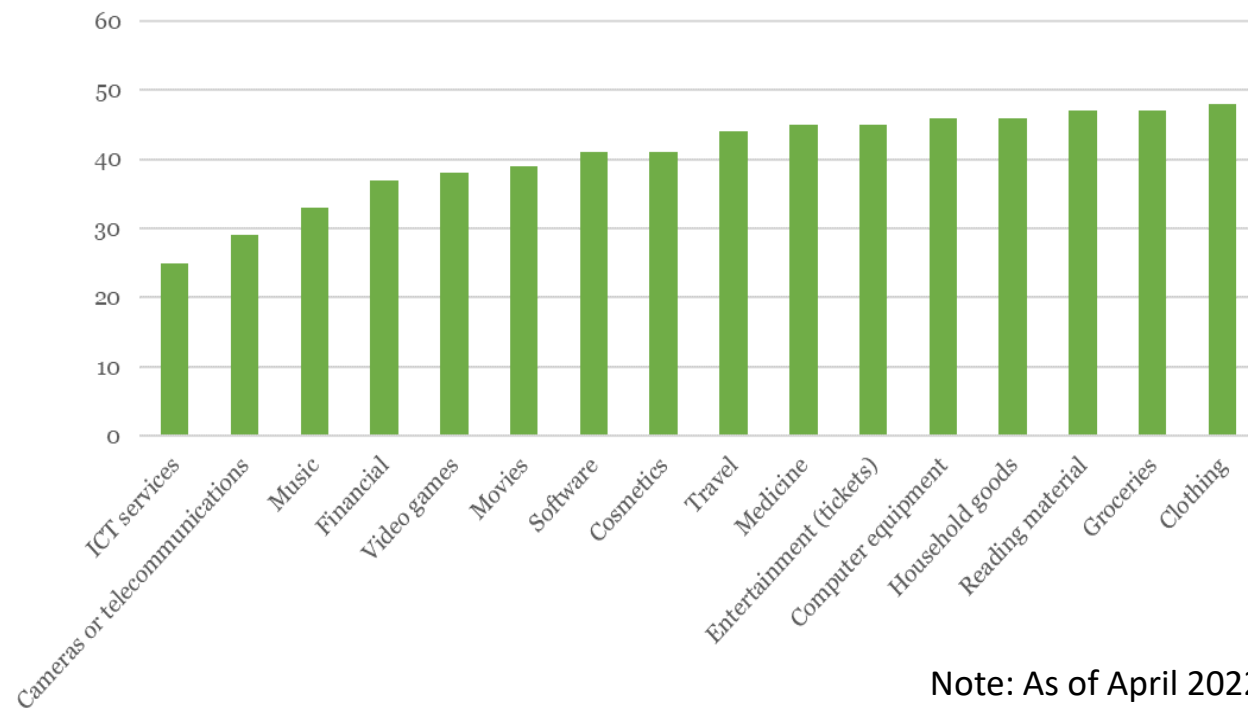 - Project on Internet Universality R.O.A.M indicators.

ITU Expert Groups on Telecom/ICT; Household Indicators (EGTI/EGH) - 12 to 15 September 2022

- EGTI discussed
  - 5G deployment on measuring M2M subscriptions
  - Report of the subgroup on the development of indicators measuring OTT services (jointly with EGH)
  - Review of the indicators collected in the ITU WTI Long Questionnaire
  - Outcome of the discussion in the EGTI forum on measuring the Internet of things (IoT)

- EGH discussed:
  - E-waste indicators in household surveys
  - Report of the subgroup on the development of indicators measuring OTT services (jointly with EGTI)
  - Report of the subgroup on skills to aggregate the skills categories
  - Review of the household long questionnaire

Indicators on e-commerce (ITU Household Manual)

- HH9: Individuals purchasing online (80 countries)

- HH20: Proportion of individuals who purchased goods or services online, by type of good and service purchased

- HH21: Proportion of individuals who purchased goods or services online, by type of payment channel

- HH22: Proportion of individuals who purchased goods or services online, by method of delivery

- HH23: Proportion of individuals who did not purchase goods or services online, by type of reason

HH20: Proportion of individuals who purchased goods or services online, by type of good and service purchased

Note: As of April 2022

Source: ITU.

UN Committee of Experts on Big Data and Data Science for Official Statistics

- 7th International Conference on Big Data and Data Science for Official Statistics
  - ➤ Global Challenges and the Importance of Relevant and Timely Data
- Sessions:
  - a. High level plenary sessions: sustainability and the global economic recovery, food security, access to data
  - b. Workshops on big data sources and tools (<u>mobile phone data</u>, <u>privacy preserving techniques</u>, <u>machine learning</u>, earth observation, AIS)
  - - Examples of <mark>the use of online (website) data for statistical purposes</mark> such as the impact of <mark>the digital economy and e-commerce</mark>, analysis of online job advertisements, online signals of COVID effects
  - - Browse and explore the database and search engine of <mark>dataprovider.com</mark>, consisting of half a billion websites in more than fifty countries – hands-on
  - d. UN Big Data Hackathon

Thank you!

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