ITUEGH

ITU Expert Group on ICT Household Indicators

10th Meeting

Summary and Conclusions

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ITU Expert Group on ICT Household Indicators

10th Meeting

14-15 September 2022 | 13:00-16:00 (CET)

SUMMARY

Measuring over-the-top (OTT) services

- The subgroup chairs presented a summary of the joint report, highlighting existing legal and technical challenges hampering data collection as well as the need for participants to come forward sharing experience with data collection.

- The subgroup chairs recommended the extension of the mandate of the joint subgroup, conditional to the availability of additional country experiences and membership participation to build upon

- During the discussion, EGTI and EGH members pointed to recent country experiences and expressed interest to join the subgroup

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CONCLUSIONS

Measuring over-the-top (OTT) services

- **EGH agrees to extend the mandate of the joint subgroup**
  - Work on this topic should continue through further sharing of country experience on data collection practices regarding OTT beyond what is defined in the Manual
  - Member States should collect and consider how data on OTTs can be reported through the HH9 indicator structure

- EGH encourages members with experience in collecting data on OTTs through surveys to contact the ITU to join and actively participate in the joint subgroup

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SUMMARY

E-waste indicators in household surveys

- The subgroup chair presented on efforts to harmonize data collection on e-waste with ongoing surveys by EACO and Eurostat
- EGH members shared perspectives on the existing indicators
  - Pathways identified to harmonize with existing surveys and/or focus on e-waste from ICT equipment
- EGH members indicated their interest in the topic and in extending the mandate of the subgroup to harmonize existing and future data collection efforts

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CONCLUSIONS

E-waste indicators in household surveys

- **EGH agrees to extend the mandate of the subgroup**
  - Work on this topic should continue through further sharing of country experiences and collaboration with the EACO project and others to harmonize survey questions
- EGH encourages members with experience in collecting data on e-waste through surveys to contact the ITU to join and actively participate in the subgroup
- Results of the EACO survey will monitored and shared when available
  - Likely early 2023

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SUMMARY

Aggregating the ICT skills categories

- The subgroup chair presented its work toward development of an aggregate ICT skills indicator
- Three primary recommendations were presented
  1. ICT skills indicators to be grouped by 5 areas of the DigComp framework rather than by levels
  2. ICT skills indicators to be complemented/balanced to include a broader range of activities through existing items collected through HH9 (Internet use, by activity)
  3. As an interim step, the 5 areas should be treated separately rather than averaging as a single aggregate of ICT skills
- For future work, the subgroup chair also recommended extending the mandate of subgroup to address remaining issues – specifically regarding development of aggregate indicator at the individual level
- Brazil presented its experience on developing such an aggregate indicator at the individual level, noting that in their case it was a minor data processing issue and that no additional data collection was required
- EGH members noted the importance of measuring digital skills given that it is an SDG indicator and agreed that more pilots are needed

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CONCLUSIONS

Aggregating the ICT skills categories

- EGH agreed to the recommendations of the subgroup to reconfigure calculation of ICT skills by skill areas, to include additional existing data to balance reporting on these areas, and as an intermediate step to treat skill areas separately rather than as a single aggregate

- **EGH agreed to extend the mandate of subgroup to address remaining issues**
  - Specifically regarding development of aggregate indicator at the individual level.

- EGH also encouraged countries to contact the ITU if they are interested in participating in a country pilot noting that further country experiences are needed to inform discussion

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SUMMARY

ITU household long questionnaire review

- The ITU presented its work reviewing the household long questionnaire and highlighted several items to monitor based on data provided by countries:
  - The relevance of older indicators (eg, HHs with radio/television)
  - The importance of data provided by few countries (occupation disaggregation/HH9 item on editing)
  - The uptake of newer indicators
- The ITU also noted its ongoing work to facilitate data input through a more user-friendly platform and an investigation of other upload options
- EGH members noted their interest in improving the long questionnaire

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CONCLUSIONS

ITU household long questionnaire review

- EGH requested that the ITU continue to monitor the relevance and availability of indicators collected through the long questionnaire
- EGH also requested that the ITU continue its work to facilitate data input
- EGH encouraged its members to provide further feedback on the EGH Forum to help the ITU to focus their efforts on improving user experience and increase data collected

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SUMMARY

Country experience: Imputation in Statistics Canada

- Statistics Canada presented its work on imputing data through its Canada Internet Use Survey noting challenges it faces with non-response
- Imputation is focused on gender, age, location and income of respondents as well as amounts spent on e-commerce
- Different imputation methods are used depending on the context ranging from simple population averages for gender to matching with tax records and using nearest neighbor imputation for income levels
- EGH members thanked Statistics Canada for the presentation

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CONCLUSION

Country experience: Imputation in Statistics Canada

- EGH encouraged members to continue to share their experiences and discuss on the EGH Forum

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SUMMARY

Future work

- EGH agreed to extend the mandate of the following subgroups:
  - Joint EGH-EGTI subgroup on measuring OTT services
  - Subgroup on e-waste indicators in household surveys
  - Subgroup on aggregating ICT skills
- EGH agreed to keep the following topics open as discussion topics of the EGH Forum:
  - Review of the household long questionnaire
  - Imputation
- New discussion topics:
  - Sharing countries experience on occupation disaggregation
- Encourage increased participation through direct invitation to NSOs, increased coordination within countries between regulators and NSOs, and further liaising with relevant ITU study groups
- *All decisions will be subject to comments until 21 October 2022, after which they will become final*