ITU Manual and Training course on ICT Household Statistics

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Content

- ITU Manual for Measuring ICT Access and Use by Households and Individuals
- Training course
- Capacity building for countries
ITU Manual
for Measuring ICT Access and Use by Households and Individuals
2009 Edition

Released in March 2009

Main objective:

- Assist countries to measure ICT access and use by households and individuals
  
- Production of high quality and internationally comparable data.

Available online:
Partnership’s Core list of ICT indicators on

- access to ICT by households
- use of ICT by individuals.

- Complements the UNCTAD Manual for ICT statistics on businesses and the ICT sector.

- Complements activities of ITU in the Partnership, specially in its Capacity Building Task Group.
...aims to address these challenges

- **Data availability** – the number of countries collecting household access to ICT and use of ICT by individuals are *limited*.

- **Comparability** – international comparisons are currently limited by *differences* in how questions are asked, survey scope etc.

- **Lack of information about metadata**
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Target audience:
Official ICT data producers, statisticians, National Statistical Offices

Broad content
- Introduction to ICT household statistics and core indicators
- Steps to conduct an ICT households survey
- Steps for data processing and dissemination
Chapter 1. Introduction

Chapter 2. International and national stakeholders in ICT measurement

Chapter 3. Planning and preparation for ICT household surveys
  - Survey planning
  - Budget and management issues
  - Staff training and selection
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Content

▪ Chapter 4. Statistical standards and measurement topics
  ➢ Core ICT household indicators
  ➢ Classificatory variables for ICT household statistics
  ➢ Time related issues

▪ Chapter 5. Data sources and collection techniques
  ➢ Data sources (types of surveys)
  ➢ Data collection techniques
Content

- Chapter 6. Question and questionnaire design
  - General principles
  - ICT model questions
  - Questionnaire logic

- Chapter 7. Designing ICT household surveys
  - Scope and coverage for households and individuals
  - Target populations and survey frames
  - Statistical units
  - Sample design and selection
Chapter 8. Data processing for ICT household statistics
- Data entry and data editing
- Imputation for missing data
- Data weighting
- Calculating and reporting of ICT HH indicators

Chapter 9. Data quality and evaluation for ICT HH statistics
- Sampling and non-sampling error
- Assessment of data quality
- Evaluation
Content

- Chapter 10. Dissemination of ICT household data and metadata

Annexes

- Annex 1. Core list of ICT Indicators
- Annex 2. ITU model questionnaire
- Annex 3. Examples of imputation and weighing
- Annex 4. Tabulations for reporting ICT indicators
- Annex 5. Glossary and abbreviations
Annex 2. ITU model questionnaire

Section 1: Household characteristics
- Q1 Number of household members
- Q2 Number of children aged 15 years or younger
- Q3 Access to electricity (HHR1)

Section 2: Household access to ICT
- Q4 Radio
- Q5 Television
- Q6 Fixed line telephone
- Q7 Mobile cellular telephone
- Q8 Computer
- Q9 Internet
- Q10 Internet, by type of access

Section 3: Individual characteristics
- Q11 Age
- Q12 Gender
- Q13 Education level
- Q14 Labour force status
- Q15 Main occupation

Section 4: Individual use of ICT
- Q16 Mobile telephone
- Q17 Computer
- Q18 Internet
- Q19 Internet location of use
- Q20 Internet frequency of use
- Q21 Internet activities
## Annex 2. ITU model questionnaire

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Next steps

- It will be **available** in all ITU languages (A, C, S, F, R).
- Original version in English
- It is subject to **consultation** with members
- It will be presented to the **UNSC** next year
- It will be used for training courses
Training Course on Measuring ICT Access and Use by Households and Individuals

Objective

Improving the capacity of Countries’ official data producers to produce internationally comparable statistics on ICT access and use by households and individuals
Training course structure

Module 1
(Manual, ch.1,2,3)
- Introduction to ICT household statistics, related concepts, stakeholders
- Survey planning and other preparatory work

Module 2
(ch.4,5)
- Statistical standards topics: core indicators, classificatory variables
- Data sources and collection techniques

Module 3
(ch. 6,7)
- Questionnaire and survey design

Module 4
(ch. 8,9)
- Data processing, data quality and evaluation

Module 5
(ch. 10)
- Dissemination

International Telecommunication Union
Committed to connecting the world
ITU Training Course

- **Duration**: one week.
- **Target audience**: official national data producers, mainly statisticians from NSO.
- **Delivered** in Port of Spain to Caribbean countries, January 2009.
- **Plans for delivery in** Africa and Asia in 2009.
- **Groups of maximum 25 participants**
- **Possible languages**: English, Spanish, French
ITU-UNCTAD-ECLAC Training Course for Caribbean countries
ITU capacity building for countries

- ITU receives and attends technical assistance requests, depending on:
  - Budget availability
  - Country’s phase of ICT statistics development

- Requests should be sent to: indicators@itu.int
ICT Household Statistics Training – Asia

- 19-23 October 2009
- Venue: Bangkok, Thailand
- To be hosted by MICT, Thailand
- 25 participants from Asia-Pacific
- Criteria:
  - Staff with responsibilities in statistics at the technical level
  - Intention of the country to conduct an ICT survey following the training
Thank you!

e-mail: indicators@itu.int

www.itu.int/ict

http://www.itu.int/ict/partnership/index.html