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ITU Manual on ICT Household Statistics and training course

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Doris Olaya

<doris.olaya@itu.int>

Market Information and Statistics Division
Policies and Strategies Department, BDT
International Telecommunication Union



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Content

ITU Capacity building activities

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



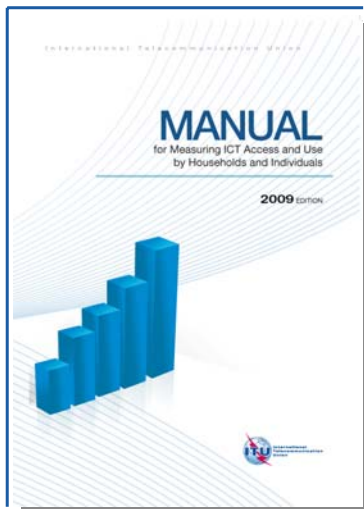
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ITU Manual

for Measuring ICT Access and Use by Households and Individuals 2009 Edition



Main objective:

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

Available online:

<http://www.itu.int/ITU-D/ict/partnership>



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Scope

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.



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...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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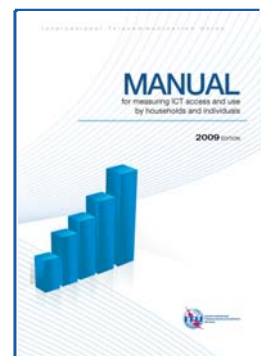
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Target audience:

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



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Content

- **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*



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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*



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Content

- **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*



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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



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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



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Next steps

- It will be **translated** into 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



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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



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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



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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



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ITU-UNCTAD-ECLAC Training Course for Caribbean countries



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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



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Thank you!

e-mail: doris.olaya@itu.int

www.itu.int/ict

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



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