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World Telecommunication/ICT Indicators Symposium (WTIS)
5 December, 2013 / Mexico City, Mexico

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Chair of the Expert Group on ICT Household Indicators

Agenda

- ❑ **The ITU Expert Group on ICT Household Indicators (EGH)**
 - *Overview*
- ❑ **1st Meeting of the ITU Expert Group on ICT Household Indicators (EGH) - São Paulo, Brazil, 4-6 June 2013**
- ❑ **Outcomes of online and face-to-face discussions**
 - *Revision of existing indicators*
 - *New indicators*
 - *Cross-cutting issues*
- ❑ **ITU Manual for Measuring ICT Access and Use by Households and Individuals**

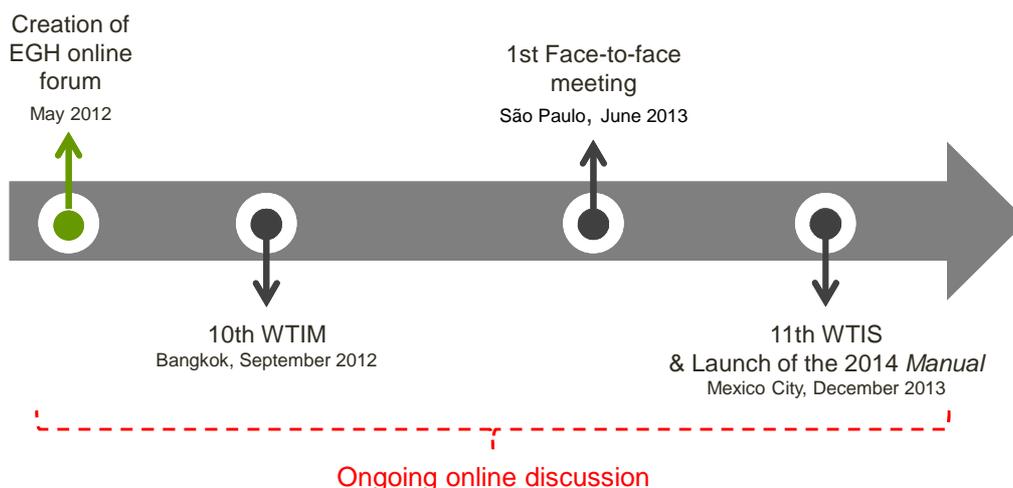
ITU Expert Group on ICT Household Indicators (EGH)

Overview

- ❑ Launched in May 2012, following a decision by the 9th World Telecommunication/ICT Indicators Meeting (Mauritius, Dec/ 2011);
- ❑ **Main objectives:** revision of the Partnership core indicators on ICT access in Households and use by individuals and the ITU Manual for Measuring ICT Access and Use by Households and Individuals, in collaboration with ITU Member States.
- ❑ Work methodology: online and face-to-face discussion.

Timeline of the EGH

Activities of the EGH



EGH Online Forum

Online Activity

September 2012

November 2013

97 registered members
from 45 countries

178 registered members
from 76 countries

143 posts

264 posts in 99 topics in 36
forums

1st Meeting of the ITU Expert Group on ICT Household Indicators (EGH)



1st Meeting of the ITU Expert Group on ICT Household Indicators (EGH)

Objectives

- ❑ To examine the contributions received from members of the EGH Online Forum over the past year;
- ❑ To finalize the revision of the core list of indicators on ICT household access and individual ICT use;
- ❑ To finalize the related revision of the *ITU Manual for Measuring ICT Access and Use by Households and Individuals*.

Details

- ❑ Held in São Paulo, Brazil, on 4-6 June 2013;
- ❑ Organized by ITU and hosted by the Brazilian Network Information Center (NIC.br);
- ❑ Attended by 38 participants (NSOs, ministries, regulators and other organizations officially in charge of monitoring the information society from 18 countries) as well as UNECLAC.

EGH Online Forum and Face-to-face Meeting

Discussion and Outcomes

Revision of existing core indicators

Proposal for new indicators

Cross-cutting issues



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Revision of Existing Core Indicators

Indicators revised by the EGH

- ❑ **HH1** – Proportion of households with a radio
- ❑ **HH2** – Proportion of households with a TV
- ❑ **HH3** – Proportion of households with telephone
- ❑ **HH4** – Proportion of households with a computer
- ❑ **HH5** – Proportion of individuals using a computer
- ❑ **HH6** – Proportion of households with Internet access
- ❑ **HH7** – Proportion of individuals who use the Internet in the last 12 months
- ❑ **HH8** – Location of individual use of the Internet in the last 12 months
- ❑ **HH9** – Internet activities undertaken by individuals in the last 12 months
- ❑ **HH10** – Proportion of individuals who used a mobile cellular telephone in the last 12 months
- ❑ **HH11** – Proportion of households with access to the Internet by type of access
- ❑ **HH12** – Frequency of individual use of the Internet in the last 12 months

Revision of Existing Core Indicators

New definitions

Concepts & Definitions

- ❑ **HH1** – Proportion of households with a radio
 - Definition updated to include other devices where radios can be integrated.
- ❑ **HH2** – Proportion of households with a TV
 - Definition updated in order to include other devices where TV can be integrated.



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- ❑ **HH3** – Proportion of households with a telephone
 - Clarifications on the availability of the signal were added to the sub-indicator on mobile telephone.

Revision of Existing Core Indicators

New definitions

Concepts & Definitions

- HH4 – Proportion of households with a computer
 - Definition updated to include tablets and similar handheld computers.



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- HH5 – Proportion of individuals using a computer

- Definition of computer updated in order to include tablets and similar handheld computers.

Revision of Existing Core Indicators

New definitions

Concepts & Definitions

- HH8 – Location of individual use of the Internet
 - Response categories updated: the items referring to access via mobile devices were replaced by “in mobility”;
 - The two response categories on community and commercial access centers were revised to emphasize that they refer to access “typically free of charge” and “typically paid”, respectively.



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Revision of Existing Core Indicators

New definitions

Concepts & Definitions

□ HH9 – Internet activities undertaken by individuals

- List of activities was updated;



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□ HH11 – Proportion of households with access to the Internet by type of access

- Response categories updated to adjust to the ITU/OECD definition of broadband and to clearly distinguish between [fixed (wired) and wireless] broadband and [fixed (wired) and mobile] narrowband.

New core indicators

□ HH13 – Proportion of households with multichannel television, by type;

Definition:

- Proportion of households with multichannel television (TV) and by type of multichannel service.

Data should be collected on:

- Cable TV (CATV);
- Direct-to-home (DTH) satellite services;
- Internet-protocol TV (IPTV);
- Digital terrestrial TV (DTT).



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New core indicators

□ HH14 – Barriers to household Internet access

Definition:

- Barriers to Internet access for households without Internet access. It is expressed as a proportion of households without Internet access.

Response categories:

- Do not need the Internet (not useful, not interesting, lack of local content);
- Have access to the Internet elsewhere;
- Lack of confidence, knowledge or skills to use the Internet;
- Cost of the equipment is too high;
- Cost of the service is too high;
- Privacy or security concerns;
- Internet service is not available in the area;
- Internet service is available but it does not correspond to household needs;
- Cultural reasons (e.g. exposure to harmful content).



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New core indicators

□ HH15 – Individuals with ICT skills, by type of skills

Definition:

- This refers to ICT skills, defined for the purpose of this indicator as having undertaken certain computer-related activities in the last three months.

Response categories:

- Copying or moving a file or folder;
- Using copy and paste tools;
- Sending e-mails with attached files;
- Using basic arithmetic formulae in a spreadsheet;
- Connecting and installing new devices;
- Finding, downloading, installing and configuring software;
- Creating electronic presentations with presentation software (including text, images, sound, video or charts);
- Transferring files between a computer and other devices;
- Writing a computer program using a specialized programming language.



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New core indicators

□ HH16 – Household expenditure on ICT

Definition:

- Percentage of total household expenditure that is expended on ICT goods and services.

Data should be collected on:

- Telephone and telefax equipment;
- Telephone and telefax services;
- Equipment for the reception, recording and reproduction of sound and picture;
- Information processing equipment;
- Repair of audio-visual, photographic and information processing equipment.



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Proposal of new core indicators

Open for discussion on the EGH Online Forum

Potential new core indicators open for discussion:

- Individuals using the Internet by type of portable device and network used to access the Internet;
- Internet security;
- Children and youth online protection;



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Relevant topics for future discussion

- Green ICT, mobile phone activities, gender-relevant ICT indicators, revenue and investment for the ICT sector, ICT for people with disabilities.

Cross-cutting issues

New definitions

Concept of household access

- Clarification added to household access to ICT: the device/service should be available for use of any member of the household at any time.

Age scope

- Countries should report ICT usage on computer, mobile phone and Internet for the entire population of the country, i.e no minimum age scope.



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Reference period

- ICT usage should be collected and reported with a reference period of the last 3 months (instead of 12 months).

New Core Indicator List

Core indicators on access to, and use of, ICT by households and individuals

HH1	Proportion of households with a radio
HH2	Proportion of households with a television
HH3	Proportion of households with telephone
HH4	Proportion of households with a computer
HH5	Proportion of individuals using a computer
HH6	Proportion of households with Internet
HH7	Proportion of individuals using the Internet
HH8	Proportion of individuals using the Internet, by location
HH9	Proportion of individuals using the Internet, by type of activity
HH10	Proportion of individuals using a mobile cellular telephone
HH11	Proportion of households with Internet, by type of service
HH12	Proportion of individuals using the Internet, by frequency
HH13	Proportion of households with multichannel television, by type
HH14	Barriers to household Internet access
HH15	Individuals with ICT skills, by type of skills
HH16	Household expenditure on ICT

Final Recommendations

The core indicators list...

- ...is not exhaustive;
- ...should be used as minimum list when designing or redesigning the data collection;
- ...is aimed at providing a common platform for minimal international comparability;
- ...is reviewed regularly to ensure relevance and usability.

EGH Online Forum

Please join the Online Forum

www.itu.int/net4/ITU-D/forums/EGH/



Forum	Topics	Posts	Last Post
General	2	4	Chair of the EGH forum by Alexandre Barbosa (NIC.br Brazil) about 5 hours ago
Tutorial, help, questions, feedback	8	10	Tutorial 05: How to reply to a Topic (Create a... by Diana Konec@itu.int about a month ago

Thank you!

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ICT Surveys in Brazil are available for download at
www.cetic.br/publicacoes