



REPORT OF THE WORK OF THE EXPERT GROUP ON ICT HOUSEHOLD INDICATORS (EGH)

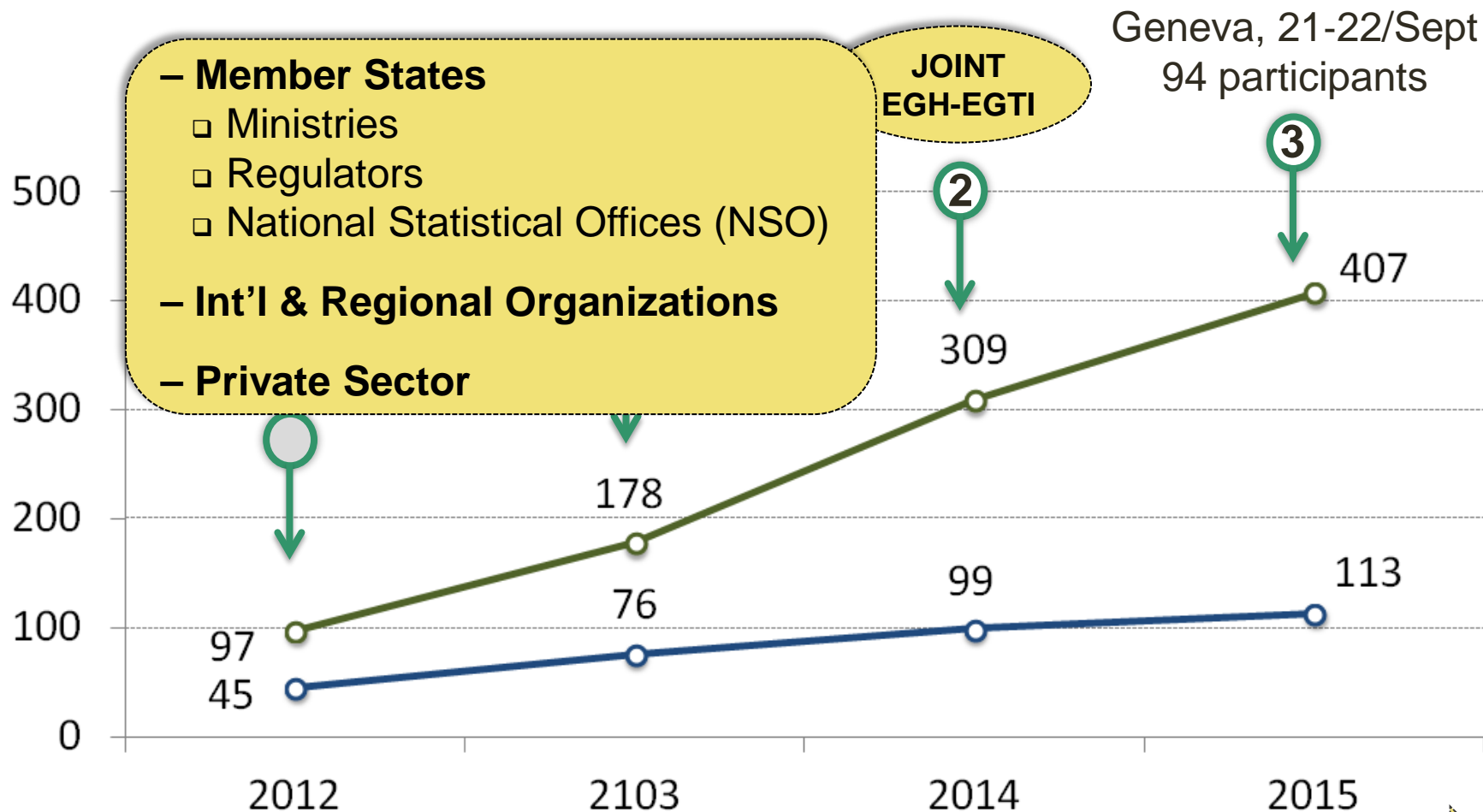
World Telecommunication/ICT Indicators Symposium (WTIS)

Hiroshima, Japan – November, 2015

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EGH – REGISTERED MEMBERS PARTICIPATING COUNTRIES



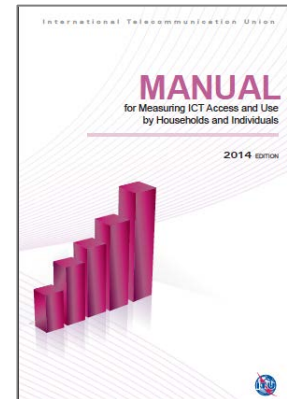
ONGOING ONLINE DISCUSSION

DEVELOPMENT OF INDICATORS CONTRIBUTIONS OF THE EGH

→ ITU future data collection process (2016)

**DEVELOPMENT OF
INDICATORS**
*REVISION OF EXISTING
INDICATORS & NEW
INDICATORS*

2013
2014



2015



→ Country's improvement in the data collection process

EXPERIENCE SHARING
BEST PRACTICES

CAPACITY BUILDING
*NEW TOPICS IN
MEASUREMENT*

DEVELOPMENT OF NEW INDICATORS (2014-2015)

BARRIERS

- ❑ **Barriers** to Internet use by individuals
- ❑ **Barriers** to household Internet access
- ❑ **Barriers** to mobile phone ownership



Indicator: Proportion of individuals not using the Internet, by type of reasons.

Question: Why did you not use the Internet in the last 3 months?

Response categories:

- *Do not need the Internet (not useful, not interesting)*
- *Do not know how to use it*
- *Cost of Internet use is too high (service charges, etc.)*
- *Privacy or security concerns*
- *Internet service is not available in the area*
- *Cultural reasons (e.g. exposure to harmful content)*
- *Don't know what Internet is*
- *Not allowed to use the Internet*
- *Lack of local content*
- *Other reason, specify*

- Agreed to collect the indicator in the ITU ICT Household data collection in 2016.
- Requested ITU to review the responses categories after the 2016 data collection.

DEVELOPMENT OF NEW INDICATORS (2014-2015)

BARRIERS

- **Barriers** to Internet use by individuals
- **Barriers** to household Internet access
- **Barriers** to mobile phone ownership

- Agreed to collect the indicator in the ITU ICT Household data collection in 2016.
- Requested ITU to review the responses categories after the 2016 data collection.

Indicator: Proportion of households without Internet access, by type of reason.

Question: HH14 - Why does this household not have Internet access?

Response categories:

- *Do not need the Internet (not useful, not interesting)*
- *Have access to the Internet elsewhere*
- *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 (e.g. quality, speed)*
- *Cultural reasons (e.g. exposure to harmful content)*
- *Lack of local content*
- *No electricity in the household*
- *Other reason, specify*

DEVELOPMENT OF NEW INDICATORS

BARRIERS

- ❑ **Barriers** to Internet use by individuals
- ❑ **Barriers** to household Internet access
- ❑ **Barriers** to mobile phone ownership



- This indicator will not be included in the ITU ICT Household data collection in 2016.
- Countries are encouraged to collect data using the agreed question and response categories according to their national needs.

Indicator: Proportion of individuals not owning a mobile phone, by type of reason.

Question: Why do you not have a mobile phone?

Response categories:

- *Do not have mobile network coverage in the area*
- *Do not need a mobile phone/ Do not have interest in having a mobile phone*
- *Do not know how to use it*
- *Cost of mobile phone is too high*
- *Cost of airtime is too high*
- *Not allowed to own a mobile phone*
- *Other reason, specify*

DEVELOPMENT OF NEW INDICATORS (2014-2015)

BARRIERS

- 1) Employment in ICT Sector
- 2) Employment in ICT Specialist Occupations
- 3) Employment using ICT Skills and Tools

- ❑ Discussion on **topics (1) and (2) will be closed** in the EGH forum
- ❑ Discussion on **topic (3) will remain open** in the EGH forum

- ❑ Data are available and collected though establishment / HH surveys
- ❑ Statistics on employment in ICT sector should be compiled by countries based on data at the ISIC 4-digit level.
- ❑ Data are already collected in countries but not compiled due to lack of internationally agreed definition of ICT occupations. A list of ICT specialist occupations were defined in the EGH meeting.
- ❑ More work is needed to define the indicator on employment using ICT skills and tools.

EXPERIENCE SHARING

BEST PRACTICES

SESSION	COUNTRY EXPERIENCE
1. Barriers to Internet access and use	Mexico
2. Barriers to mobile phone ownership	Kenya
3. ICT employment	Eurostat
4. Methodological Issues	
○ <i>Data collection</i>	Argentina
○ <i>Data verification/processing</i>	Hong Kong, China
○ <i>Data dissemination</i>	Egypt

- Countries are encouraged to continue sharing their experience regarding methodological issues.

FUTURE WORK

- ❑ Continue discussion of indicator on employment using ICT skills and tools
- ❑ Review of the indicators “household with computer” and “individuals using a computer” (to include other types of devices)
- ❑ Review the indicators HH8, HH9, HH15 to see if they cater Internet users using a mobile phone
- ❑ Methodological issues
- ❑ SDGs – Sustainable Development Goals: countries are encouraged to collect the data (through official surveys) related to the SDG indicators framework

FUTURE WORK

- New data sources and big data
 - Great potential of new data sources (timeliness)
 - Existing projects and positive experiences
 - Challenges: data access, legislation and privacy → need to share experiences, set up public-private partnerships, and identify global access agreement
 - ITU's role: raising awareness and facilitating the dialogue on the big data discussion
 - Synergies that exist between the work of the EGH and the EGTI.

Thank you!

ありがとうございました

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