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**TITLE:** Report of the Expert Group on Telecommunication/ICT Indicators (EGTI) Meeting

## Report of the Expert Group on Telecommunication/ICT Indicators (EGTI) Meeting

25 November 2014

Tbilisi

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## 5th EGTI meeting

- 17-18 September 2014, Geneva
- 92 participants from 48 countries, including regulators, ministries, national statistical offices, international/regional organizations and operators
- Discussion on inputs received through online forum and presentations

## List of topics

1. Subscription data on public and private organizations
2. Revision of classification of broadband services
3. M2M indicators
4. Indicators on LTE and other advanced mobile-broadband technologies
5. Bundled telecommunication services
6. Indicators on international Internet bandwidth
7. Revision of the list of indicators in the ITU WTI LQ
8. ICT Development Index (IDI)

## Separation of subscription data on:

- (a) Residential
- (b) Public and private organizations

## Conclusions

- The indicator “% fixed-telephone subscriptions that are residential” will be kept as a measure of what share of the total correspond to organizations/residential
- For mobile services, there are less differences between organization and residential subscriptions and no specific indicator is envisaged at the international level

## Conclusions

- Fixed-broadband plans for organizations have different features than most residential plans, although there is a gray area for micro and small organizations
-  From 2015, ITU will collect data on “Fixed-broadband subscriptions for organizations”
- ITU will discontinue the collection of the two indicators on leased lines because they are not relevant at international level: “Revenue from leased lines”, “Leased-line subscriptions”

## Indicators on international Internet bandwidth

## Conclusions

- International Internet bandwidth is relevant in many countries and data for different bandwidth measures are collected
- Based on refined definitions, data will be collected on a trial basis in ITU LQ 2015 on:
  1. Used international Internet bandwidth (traffic)
  2. Lit/equipped international Internet bandwidth

## Revision of the classification of broadband services

## Conclusions

- It was agreed that the classification of broadband services would be based on a fixed/mobile categorization, as follows:

### Fixed broadband

1. xDSL
2. Cable modem
3. FTTH/B
4. Other fixed (wired) broadband
5. **Satellite broadband**
6. **Fixed wireless broadband (e.g. WiMAX)**

### Mobile broadband

7. Active mobile broadband

## Conclusions

- Data reported for the sub-categories of active mobile-broadband subscriptions (standard and dedicated) are not fully harmonized at international level
- EGTI will carry over the discussion on the most relevant sub-categories of active mobile-broadband subscriptions **in the next working period**

## M2M indicators

## Conclusions

- Data on M2M subscriptions from cellular operators are already being collected by several countries
- IoT spans beyond the M2M services offered by mobile operators, but for the time being the work of the EGTI will be restricted to start the collection of M2M mobile subscriptions



From 2015, ITU will collect data on “M2M mobile-network subscriptions”

## LTE indicators

## Conclusions

- Data on advanced mobile-broadband technologies are becoming more relevant at international level
- ➔ From 2015, ITU will collect data on “% of the population covered by LTE and other advanced mobile-broadband networks”
- In view of the methodological difficulties of collecting subscription data on advanced mobile-broadband technologies, EGTI will continue this discussion for the next working period

## Indicators on bundled telecommunication services

## Conclusions

- The below definition of bundle will be used for data collection :
  1. includes two or more services (fixed voice, mobile voice, fixed broadband, mobile broadband, pay TV)
  2. marketed as a single offer, with a single invoice, with a single price for the set of services included in the bundle
  3. subscribed under conditions that cannot be obtained by adding single play offers together

## Conclusions

- Data on bundled subscriptions will be collected by ITU starting from 2015 for the following bundles:
  1. Mobile voice and mobile broadband
  2. Fixed broadband and fixed telephony
  3. Fixed telephony, fixed broadband and pay TV
- Bundled services will be counted under the respective bundle indicator (as one) and separately under each separate category of service offered

## Revision of the list of indicators in the ITU WTI LQ

### ITU will discontinue the following indicators:

Percentage of fixed-telephone subscriptions in urban areas
Percentage of localities with telephone service
Fixed (wired) Internet subscriptions
Domestic Internet bandwidth, in Mbit/s
Faults per 100 fixed-telephone lines per year
Percentage of fixed-telephone faults cleared by next working day
Complaints per 100 mobile-cellular subscriptions
Complaints per 100 fixed (wired)-broadband subscriptions
Complaints per 100 mobile-broadband subscriptions
SMS international
VoIP traffic, in minutes

### ITU will discontinue the following indicators:

Revenue from fixed-telephone services
Revenue from leased lines
Fixed telephone service investment
Annual investment in fixed (wired)-broadband services
Annual investment in mobile communication services
Leased-line subscriptions

### ITU will start collecting:

Fixed-broadband subscriptions for organizations
M2M mobile network subscriptions
Lit/equipped international Internet bandwidth
Used international Internet bandwidth
Subscriptions to fixed-broadband and fixed-telephony bundles
Subscriptions to fixed-broadband, fixed-telephony and pay TV bundles
Percentage of the population covered by LTE and other advanced mobile-broadband networks

## ICT Development Index (IDI)

## IDI

- Discussed jointly with the Expert Group on ICT Household Indicators (EGH), in particular:
  1. Feasibility of producing an indicator on unique mobile phone subscribers
  2. Proposal by the Unesco Institute for Statistics (UIS) to improve the IDI Skills sub-index

## Topics for future discussion

1. Revision of the 2011 ITU Handbook for the Collection of Administrative Data on Telecommunications/ICT
2. Additional sources for administrative data (big data, OTT)
3. indicators on fixed-broadband services in public and private organizations (carry over)
4. sub-categories of mobile broadband subscriptions (carry over)
5. subscription data on advanced mobile-broadband technologies (LTE and plus, carry over)