SOURCE: ITU

TITLE: Role of household surveys for collecting ICT statistics

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Slide 1

7th World Telecommunication/ICT Indicators Meeting
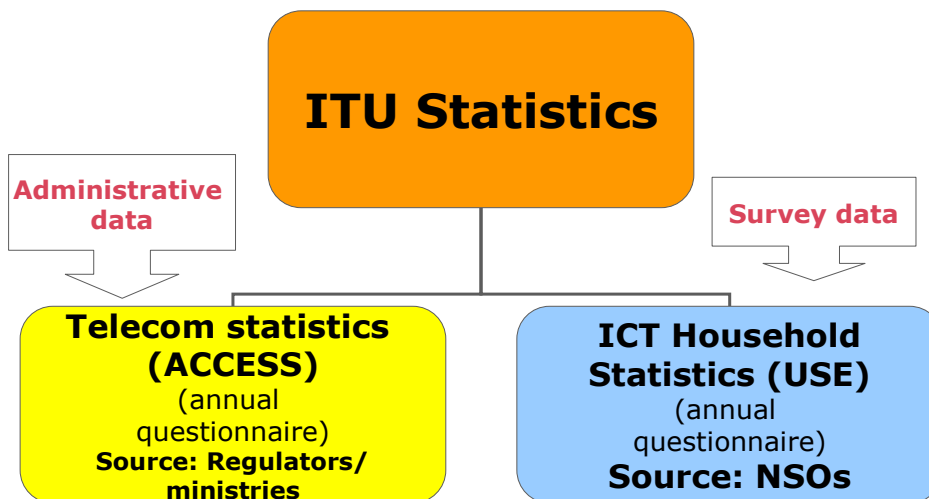**Grand Hyatt Hotel, Cairo, Egypt**
3-5 March 2009

Role of household surveys for collecting ICT statistics

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Slide 2

ITU Indicators are divided between...

ITU Statistics

Administrative data

Survey data

Telecom statistics (ACCESS)
(annual questionnaire)
Source: Regulators/ ministries

ICT Household Statistics (USE)
(annual questionnaire)
Source: NSOs

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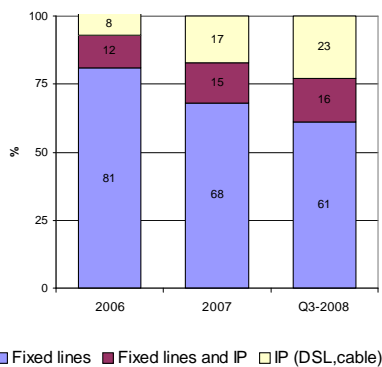*Committed to connecting the world*

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Subscriber vs. user indicators

1. Fixed telephone lines

2. Mobile cellular subscriptions

3. Internet subscribers

Fixed telephone lines (administrative data)

Example: Trend in fixed lines in France

Breakdown of telephony service by subscriptions, France, 2006-2008

Year	Fixed lines	Fixed lines and IP	IP (DSL,cable)
2006	81	12	8
2007	68	15	17
Q3-2008	61	16	23

Legend: ■ Fixed lines ■ Fixed lines and IP □ IP (DSL,cable)

Who are using them??

• Underestimate the number of fixed telephony users
• Individual use not reflected
• Not possible to disaggregated data (*geography, gender, income, etc*)

Mobile cellular subscriptions – (administrative data)

- Easy to collect & calculate (from operator reports)
- Provides good estimate of personal access to telephone services
- Several problem:
  - Different definition for "subscriber"
  - Inactive SIM cards counted or not
  - Cross-border subscribers
- Number of mobile subscriptions exceeding the number of inhabitants
- Not possible to cross-tabulate with other classificatory variables (age, gender, income, education, employment, etc)
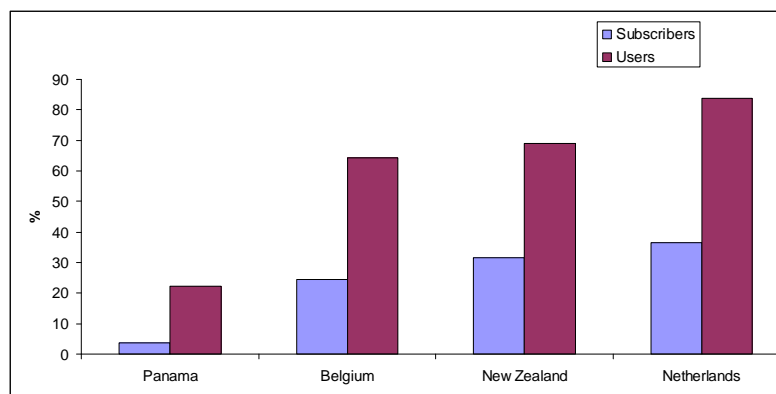
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Mobile Subscriptions vs. users

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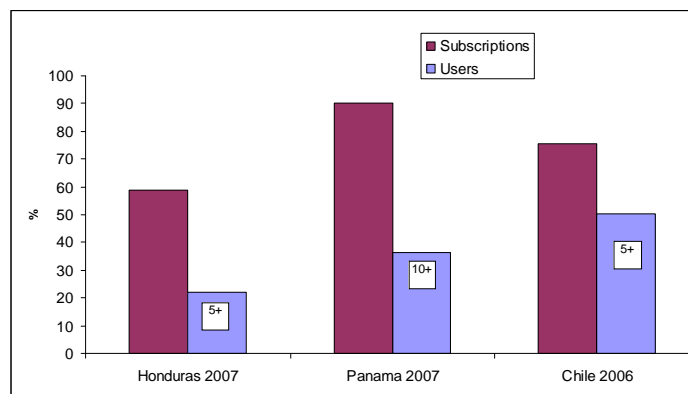
Internet subscribers – administrative data

- Size of residential subscribers and business subscribers not known

- Number of Internet users difficult to know because of PIACs

- Magnitude of mobile broadband Internet usage not known

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Internet subscribers vs. users

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Fixed telephone
(ICT household survey)

- **Indicator:** Proportion of households with fixed telephone only
- Does not exceed 100%
- Provides an indication of households potential access to Internet (dial-up, DSL)
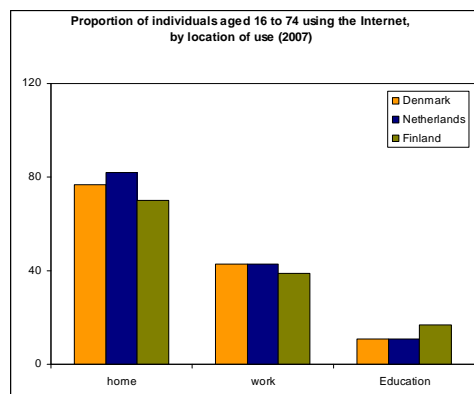- Can be cross-tabulated with classificatory variables (income, urban-rural, HH size, etc.)

Mobile phone users
(ICT household survey)

- **Indicators:** Proportion of individuals with use of a mobile cellular telephone
- Provides an indication of actual use of mobile cellular phone
- Additional indicator to measure mobile cellular broadband Internet usage
- Can be cross-tabulated with other classificatory variable (age, gender, education, employment, etc)
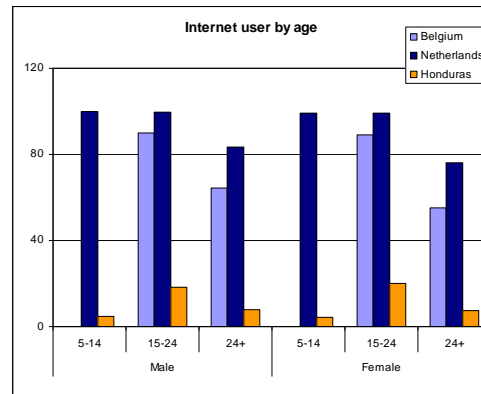
Internet user – (ICT Households survey)

- **Indicator**: Proportion of individuals who used the Internet (from any location) in the last 12 months

- Provides actual size of Internet users of a country

- Possible to cross-tabulate Internet users data with other classificatory variables (age, gender, education, employment, purpose of Internet use, rural-urban, technology used, etc)

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Internet user by location

Proportion of individuals aged 16 to 74 using the Internet, by location of use (2007)

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Internet user by age

Internet user by age

Legend: Belgium, Netherlands, Honduras

Categories: 5-14 | 15-24 | 24+ (Male), 5-14 | 15-24 | 24+ (Female)

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ICT household surveys

- Availability of data for access indicators is good but need more data on the profile of users, purpose of use, etc

- Data collected using ICT household surveys provide information not possible with subscriber statistics

- Data from ICT household survey enable more detailed analyses and comparisons - help formulate focused policies

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Thank you.

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