

ITU Regional Workshop on ICT Indicators and Measurements for Africa

Addis Ababa, Ethiopia
27-30 October 2015

Overview of ITU work on ICT measurement

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Importance of ICT statistics

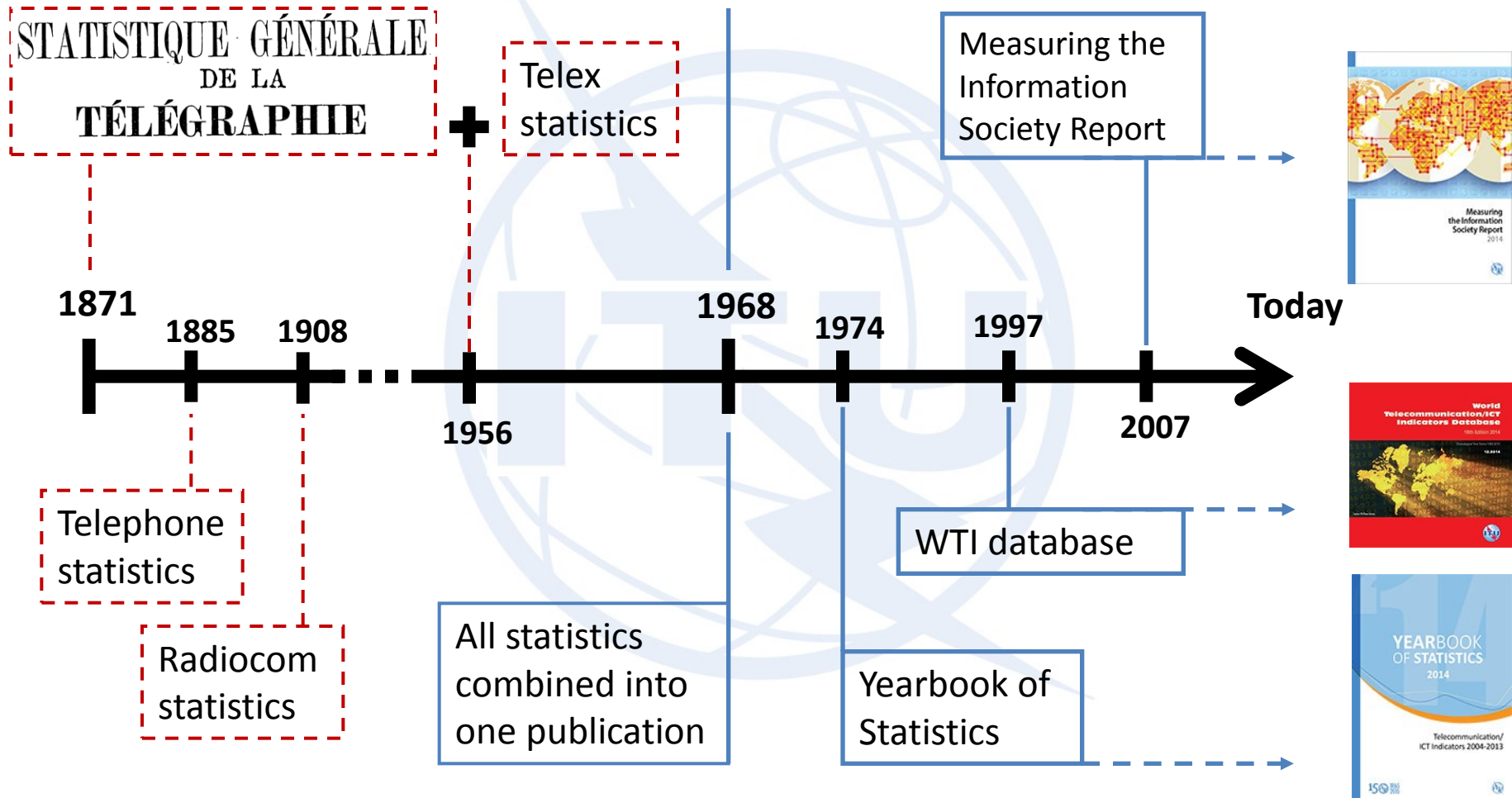
National

- Overall monitoring of ICT developments
- Market analysis to inform regulatory/policy interventions
- Tracking of regulatory measures, e.g. licence obligations
- Monitoring of national ICT goals, e.g. broadband plans

International

- Benchmarking national vs international ICT developments
- Monitor global ICT development targets, e.g. Broadband Commission targets, WSIS+10, SDGs
- Informing private investors (e.g. to attract FDI), international cooperation programmes, donors, the media

History of ITU statistics



Benchmarking ICT developments

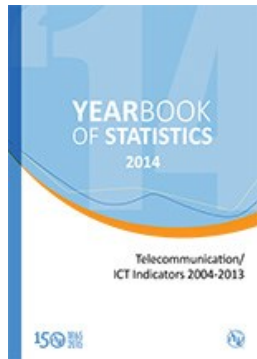


- Data quality – authoritative sources
- Credible methodology
 - Harmonization through Expert Groups
- Only global source of official ICT statistics – about 190 economies
- Historical series – annual data from 1975 - present
- Relied upon by:
 - Private sector
 - Development banks
 - International organizations

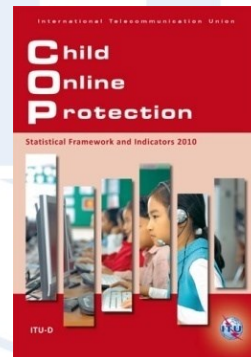
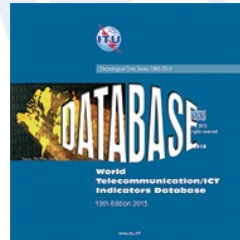
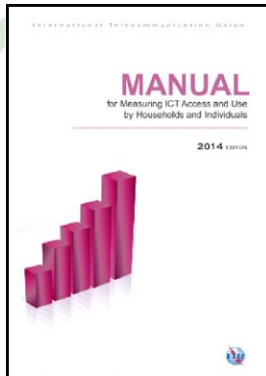


Current ITU work on statistics

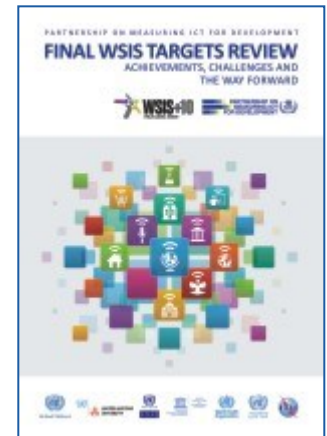
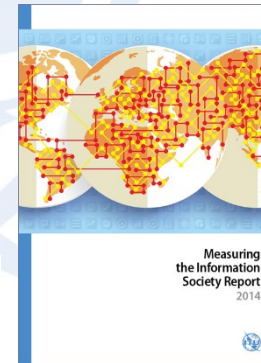
- Data collection and dissemination
- Data analysis and research reports
- Definitions and methodologies for ICT indicators
- Monitoring global ICT targets
- Capacity development



 PARTNERSHIP ON
MEASURING ICT
FOR DEVELOPMENT



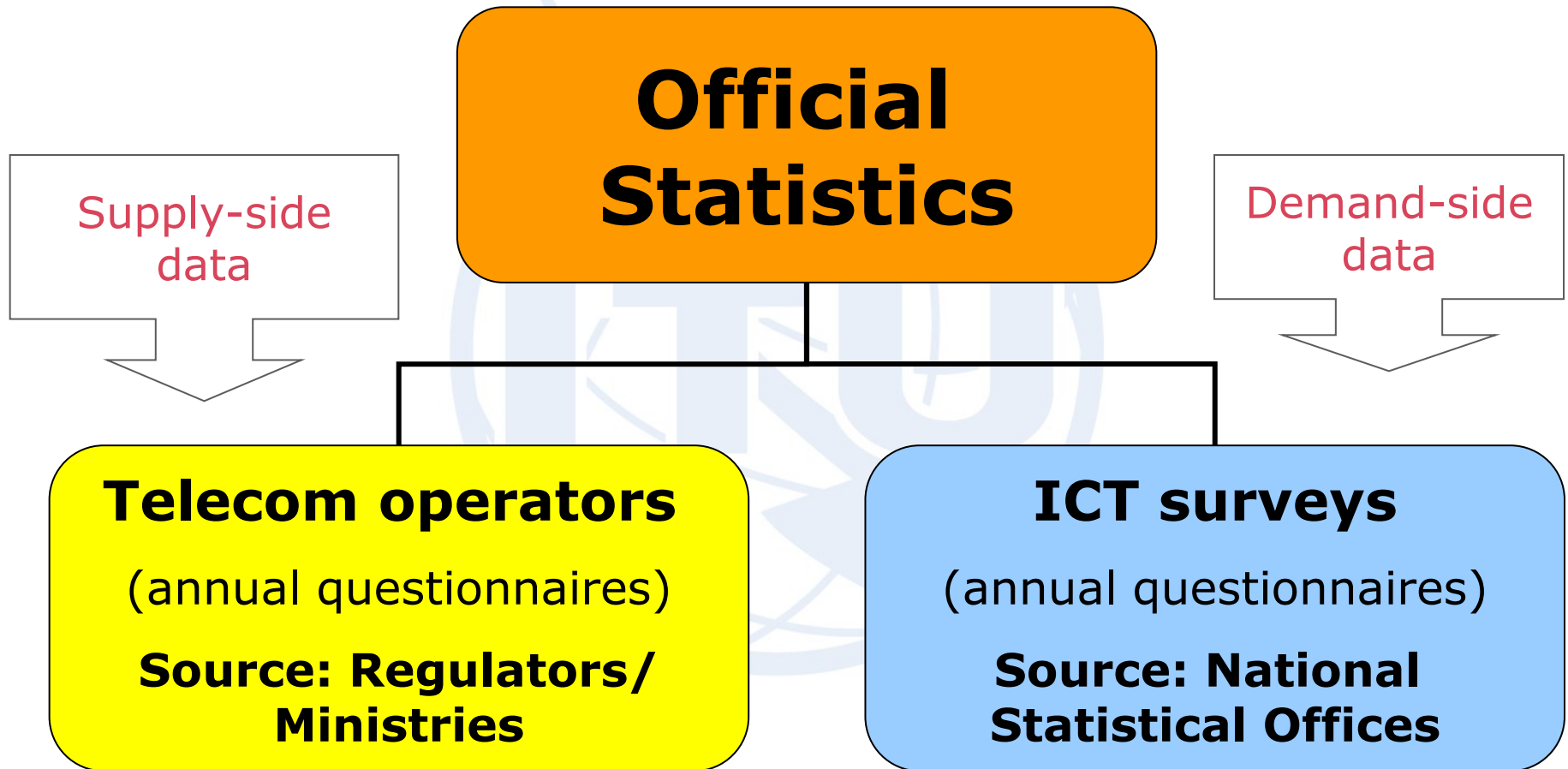
WTIS-15
13th WORLD TELECOMMUNICATION
**ICT INDICATORS
SYMPOSIUM**
30 NOVEMBER - 2 DECEMBER 2015
HIROSHIMA, JAPAN



ICT Facts & Figures

The world in 2015

Sources for ITU statistics

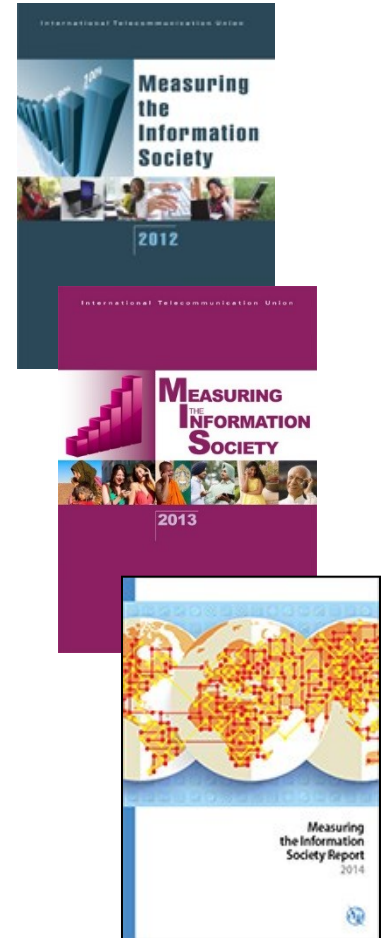


ITU data collection

Annual Questionnaires	Short WTI	Long WTI	ICT Price Basket	Short Household	Long Household
Addressee	Regulators and Ministries			National statistical offices	
Format	Online	Online	Online	Excel	Excel
Date	March	July/August	November	March	September/ October
# indicators	6	~ 56	~ 75	3	16 + class variables
Response Rate <i>(countries attending the workshop)</i>	15/20 replies 63% data	17/20 replies 42% data	10/20 replies 37% data	1/20 replies 3% data	2/20 replies

Analysis: Measuring the Information Society Report

- Flagship annual statistical and analytical report on ICT developments
- Includes two key benchmarking tools:
 - ICT Development Index (IDI)
 - ICT Price Basket (IPB)
- For governments/policy makers, analysts, investors, the media
- **MIS Report 2015:**
 - To be launched on **30th November 2015**
 - Featured topics: IDI, IPB, Connect 2020 Targets and the Internet of Things

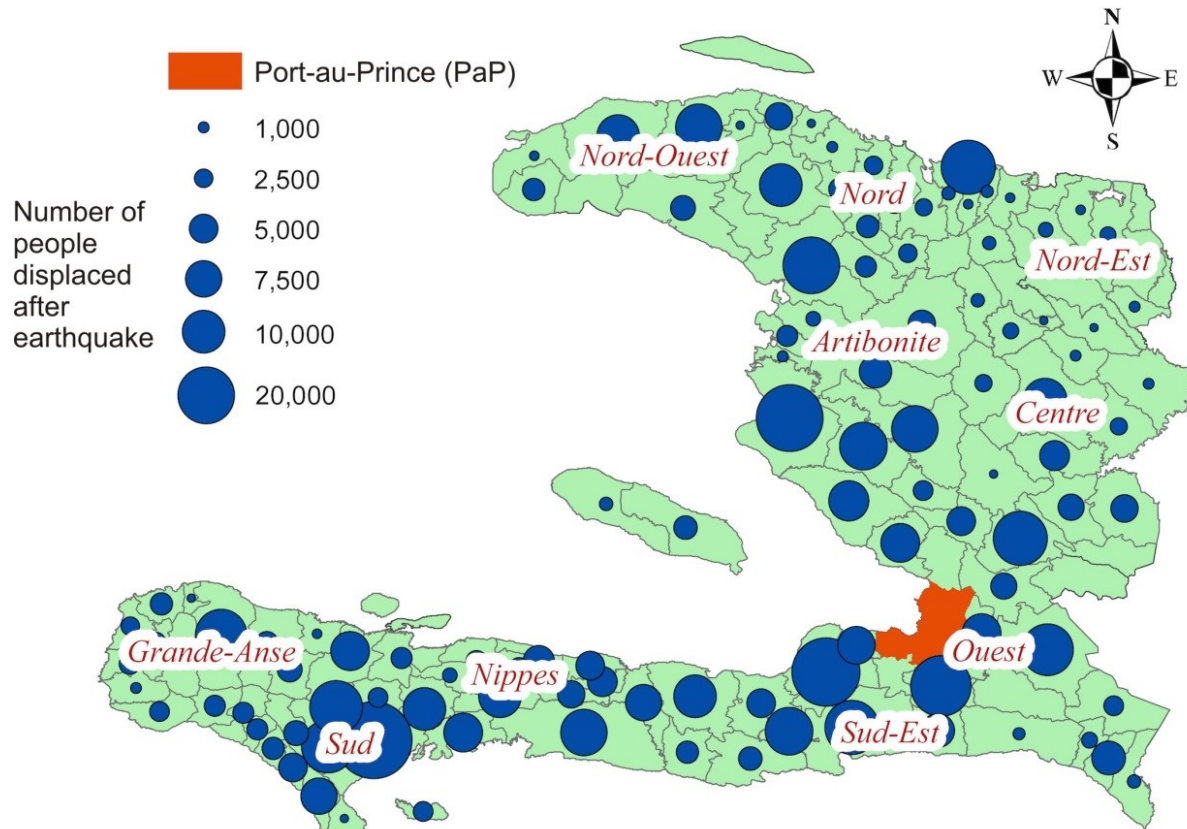


Emerging challenges – Big Data

Example

Mobile data
in
emergencies

Source: Bengtsson
et al. (2011)

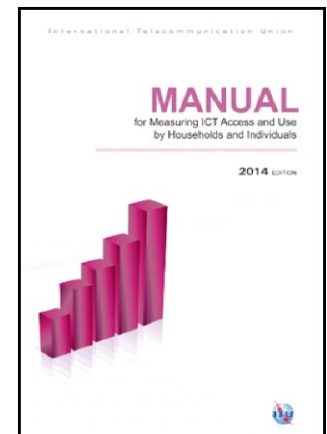
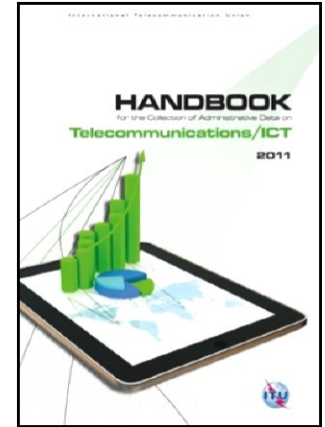


Capacity development

- Training course (5 days) on ICT household surveys and indicators (based on Household Manual)
- Training on telecommunication/ICT infrastructure indicators and data collection
- Regional and national workshops – **such as this one**
- In collaboration with members of the Partnership (e.g. UNCTAD, UN Regional Commissions)

Defining indicators and developing statistical standards

- ITU Expert Group on Telecommunication/ICT Indicators (EGTI); **ITU Handbook**
- ITU Expert Group on Household Indicators (EGH); **ITU Manual**
- World Telecommunication/ ICT Indicators Symposium (WTIS)
- In cooperation with members of Partnership on Measuring ICT for Development



Invitation to World Telecommunication/ICT Indicators Symposium (WTIS)

- 30 November – 2 December 2015, Hiroshima, Japan
- Main global event on ICT measurement – bringing together the ICT policy and ICT data community
- Presentation of the work of the statistical Expert Groups (EGH/EGTI)
- Launch of the ICT Development Index



Why is WTIS important?

Regulators

- Main collectors of data from operators
- Need to benchmark ICT developments internationally
- Keep up with emerging trends, e.g. monitoring IoT

Policy makers

- Require ICT data, e.g. for setting national targets
- Evidenced-based policy-making relies on sound statistics
- Attracting private investment requires authoritative data

National statistical offices

- Produce ICT data from household surveys
- Oversee the statistical soundness of national data

National coordination of ICT statistics

International cooperation

- Partnership on Measuring ICT for Development
- UN Group on the Information Society (UNGIS); WSIS+10
- Inter-agency Expert Group on Sustainable Development Goal Indicators (IAEG-SDGs)
- UN Statistical Commission
- UN Data Managers group
- Broadband Commission for Digital Development

**PARTNERSHIP ON
MEASURING ICT
FOR DEVELOPMENT**



WSIS+10 
United Nations General Assembly
High-Level Meeting

**WE CAN
END POVERTY
2015**  **MILLENNIUM
DEVELOPMENT
GOALS**



Partnership on Measuring ICT for Development

- Global initiative to improve internationally comparable ICT statistics
- Main mechanism for the **coordination of ICT statistics internationally** (Steering Committee, Task Groups)
- Members: international and regional agencies involved in official ICT statistics



A glimpse of WTIS 2014



THANK YOU

More information

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