



ICT and E-Business Branch

UNCTAD – United Nations Conference on Trade and Development

**Joint UNECA-ITU-UNCTAD Workshop
Information Society Measurements in Africa
Addis Ababa, 7-9 March 2007**

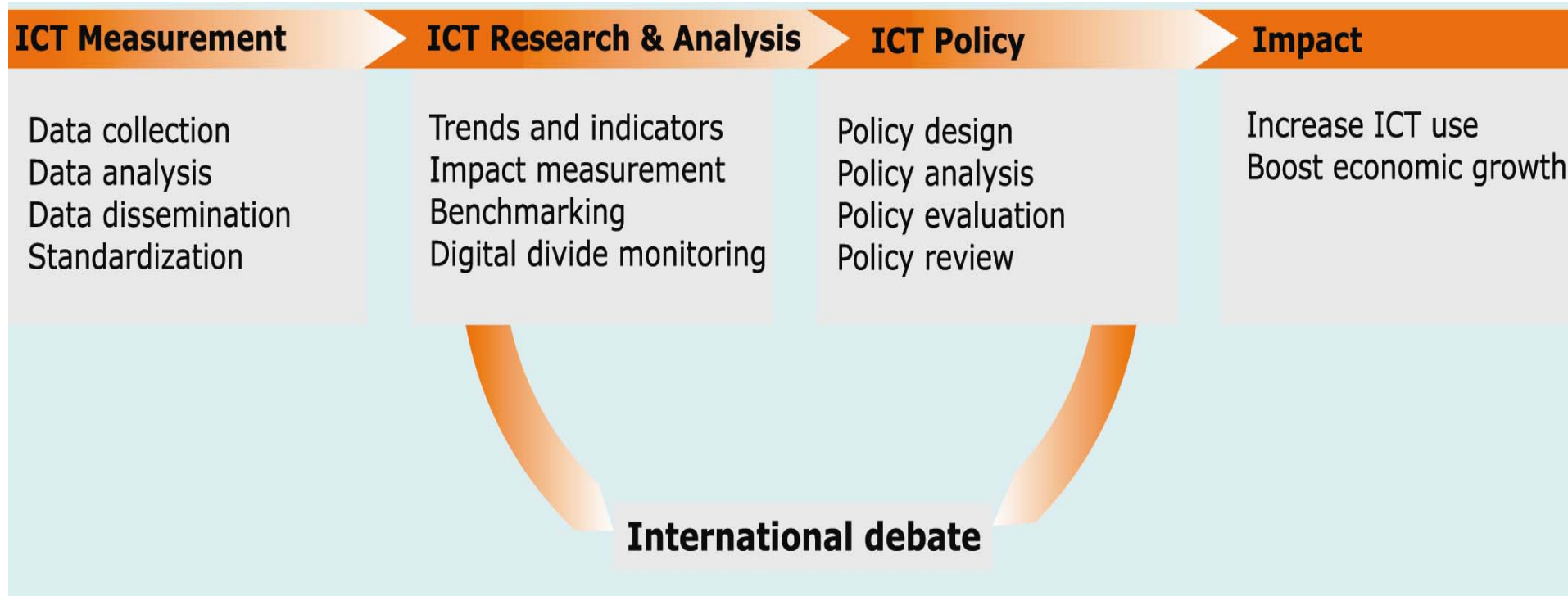
UNCTAD and ICT measurement



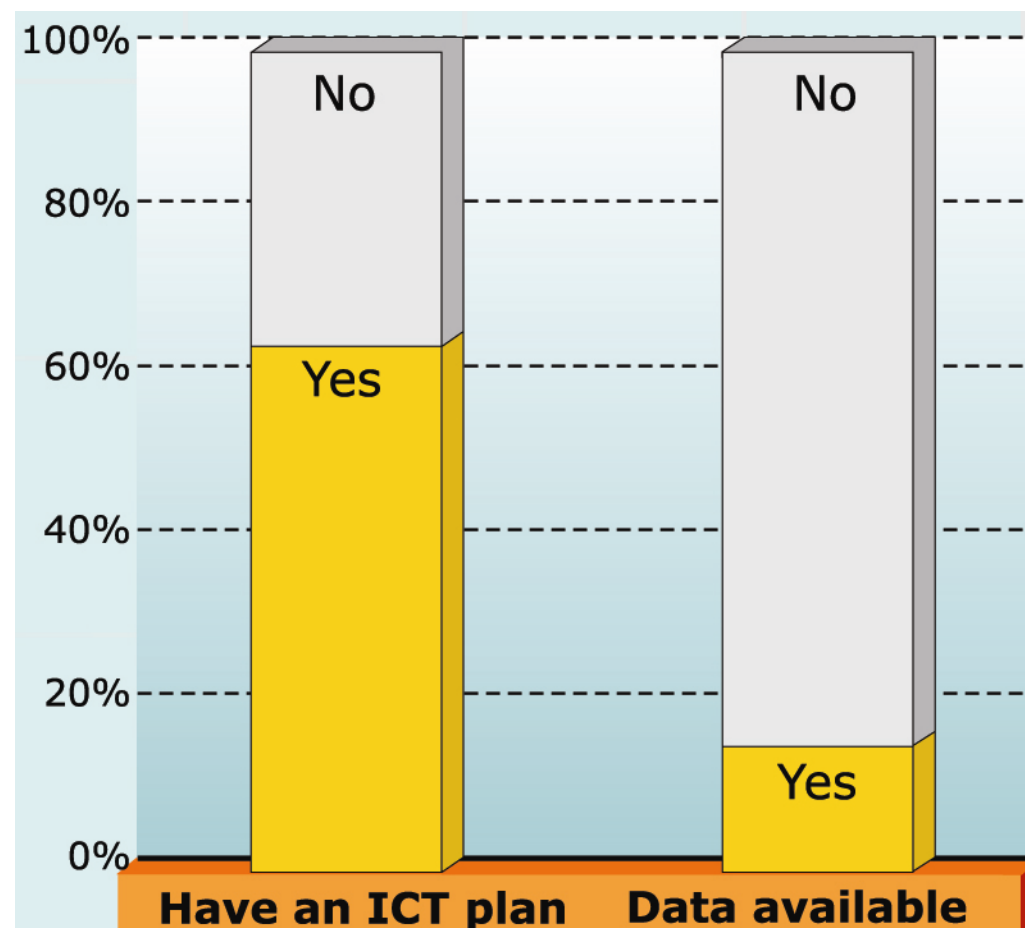
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UNCTAD and ICT for Development



Bridging the data gap in developing countries



Source: UNCTAD (2006)



UNCTAD and ICT measurement

- ✓ Develops internationally comparable **indicators** on ICT in business
- ✓ Collects data and maintains a **database**
- ✓ **Disseminates** timely **information**
- ✓ Provides **technical assistance** to help build ICT statistical capacity (advisory missions, training, technical workshops)

UNCTAD leads the Partnership Task Group on Capacity Building

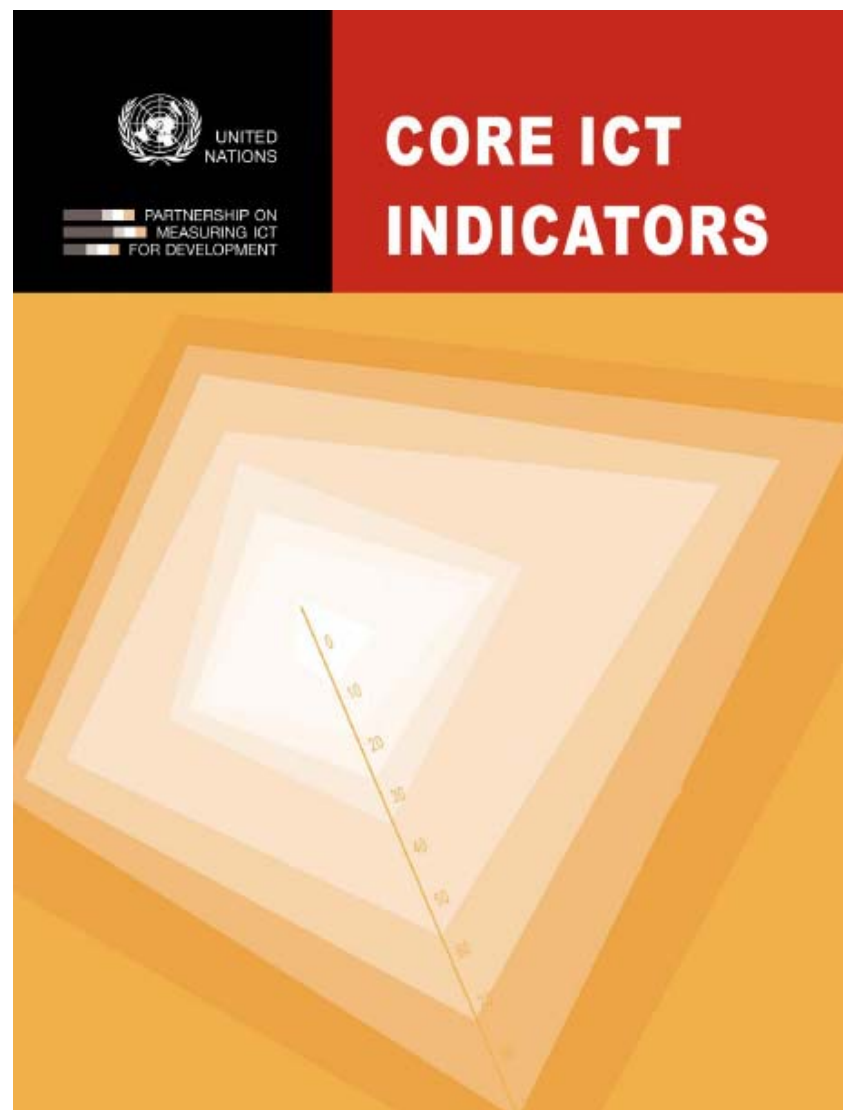


Core list of ICT indicators

Definitions, model questions,
methodologies:



<http://measuring-ict.unctad.org>



Core list of ICT indicators

<i>Set of indicators</i>	<i>Basic core</i>	<i>Extended core</i>	<i>Reference</i>	<i>Total</i>
ICT infrastructure and access	10	2		12
ICT access and usage by households and individuals	10	3	1	14
ICT usage by businesses	8	4		12
ICT sector and trade in ICT goods	4			4
Total	32	9	1	42

International ICT business data collection

- **OECD**: ICT business data for OECD member countries
- **Eurostat**: ICT business data for EU
- **UNCTAD**: **ICT business data for developing countries**
- **Others** (WB, regional bodies, private providers)



UNCTAD data collection

Annual survey with developing country NSOs

- **2004:** 23 countries – 10 comparable results
- **2005:** 39 countries – 19 comparable results
- **2006:** 60 countries – 34 responses (57%) of which 4 only on ICT sector, 23 comparable results (for some indicators) (38%) (*African region: Cameroon, Gambia, Mauritius, Morocco*)
- **2007:** all developing countries (ongoing)

 **Core indicators on ICT use in enterprises and the ICT sector**





UNCTAD

Questionnaire on ICT usage by enterprises and on the ICT sector

Please fill in the information below:

Country:	Please choose a country!
Date:	
Organisation:	
Name of Respondant:	
Address:	
Postbox:	
Postal code:	
City:	
Telephone:	
Fax:	
E-mail:	

UNCTAD is collecting official statistical data on the use of ICTs in enterprises from national statistical offices in developing countries. The information will feature in UNCTAD's annual *Information Economy Report (IER)* 2007/2008.



UNCTAD questionnaire – main sheets

- Survey information (data sources)
- 1a) ICT usage indicators – *size scope*
- 1b) ICT usage indicators – *geographic scope*
- 1c) ICT usage indicators – *industrial classification*
- 2a) ICT sector indicators – *workforce*
- 2b) ICT sector indicators – *value added*
- Notes



UNCTAD data collection

What we have learned

Comparability:

- Lack of continuity in data collection (one-off surveys)
- Differences in types of surveys, sampling units, frames, sizes, denominator
- Differences in response categories (e.g. modes of access and activities the Internet is used for)

Availability:

- Lack of coordination between Government entities



UNCTAD data collection

ICT business indicators are scarce in developing countries

- ✓ Only ***small number*** of developing countries currently collect ICT business indicators
- ✓ Most countries collect ***basic access indicators*** (availability of computer, Internet and Website)
- ✓ Data collection is mainly ***through manufacturing and services establishment surveys***, which most NSOs already have in place
- ✓ More advanced indicators are collected through specific ***ICT surveys***



UNCTAD database

- UNCTAD Information Economy Database
- MS Access-based, compatible with UNCTAD questionnaire
- All UN member countries
- Core list of ICT business indicators, ICT sector, ICT trade
- Country information back to 2001 (if available)



UNCTAD data dissemination

Results published in the annual:



Information Economy Report (IER)

- Trends and figures
- Policy analysis
- Business sector analysis

<http://www.unctad.org/ecommerce/>



New Website launched February 2007

measuring-ict.unctad.org



- ✓ **Statistical data**
- ✓ **Country info**
- ✓ **Technical resources**
- ✓ **Partner info**



measuring-ict.unctad.org

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ICT Indicators for Development

Home About Partnership Data Countries Organizations Events Private Area

Welcome to the Measuring ICT Website Search

Highlights

- UNCTAD data collection
- Collaboration with the Thai NSO
- ICT at the UN Statistical Commission

Upcoming Events

- Regional Workshop on Information Society Measurement in Africa
- Thirty-eighth session of the United Nations Statistical Commission
- Meeting on ICT Indicators Adoption and Data Collection

Welcome to the Measuring ICT Website



UNCTAD member States recognize that it is crucial to assess the state of use and impact of ICTs in developing countries. By using comparable and reliable data and indicators on their information societies, Governments can formulate and evaluate policies that will maximize the benefits of ICT for the development of their countries.

At the national level, more and more countries are measuring ICT. UNCTAD helps developing countries find ways to monitor and measure overall digital economy developments and ICT use.

At the international level, the measurement of ICT diffusion and impact is a subject of inter-agency cooperation, notably through the Partnership on Measuring ICT for Development.

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Quick links

- Measuring ICT for policy making
- UNCTAD's Work on ICT Measurement
- About this Website


Documents

- Measuring ICT: The Global Status of ICT Indicators, Partnership on Measuring ICT for Development, 2005, 3249Kb



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  Measuring the information society ICT Indicators for Development

Home | About | Partnership | Data | Countries | Organizations | Events

Welcome to the Measuring IC... / Data / UNCTAD Data

Data

- UNCTAD Data** > **UNCTAD Data**
Highlights of the annual UNCTAD survey:
 - Core indicators on use of ICT by businesses and on the ICT sector, selected economies, 2005, or latest year (table 1, table 2, notes);
 - Exports of ICT-enabled services by country, 2000-2003 (million \$);
 - Exports of ICT-enabled services by sector and country, 2003 (million \$);
 - Exports of computer and information services by country, 2000-2003 (\$).
- ITU Data >
- OECD Data >
- Eurostat Data >

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UNCTAD technical assistance 2006-08

- Assisting statistical agencies in developing countries in their ICT **data collection** and **dissemination** efforts, via advisory missions;
- ✓ Developing and delivering a specialized **training course** and a **methodological manual** (2007);
- ✓ Conducting technical **workshops** at the regional level.

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Thank you

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[***www.unctad.org/ecommerce***](http://www.unctad.org/ecommerce)

