

ECONOMIC COMMISSION FOR AFRICA

# **Results of the Regional metadata Collection**

Joint ITU/ECA workshop on ICT  
Indicators

Gaborone, Botswana, 26-29 October 2004

# Objectives

- **Realize a metadata on ICT Statistics**
- **Identify a core Indicators**
- **Prepare needed Technical Assistance and Knowledge Exchange**

ECA preliminary activities

Workshop on Evaluation of the Pilot  
Phase, Addis Ababa, 17-18 February  
2024  
Recommendations on the role of national statistics offices

- NSOs should work on **standardization of ICT data** at national level and create an enabling situation for regional activities and cross-country comparisons;
- **National committees or observatories** should be established to identify and define variables, establish guidelines and indicators;

## Recommendations (continued)

- The Committees that will be established first at country level should **comprise statisticians, ICT experts, ISP personnel, staff of regulatory bodies and higher education institutions;**
- **Leadership and ownership** of data should be at the level of the Committee.

# Recommendations on SCAN-ICT

**There is need to review existing indicators and methodologies to develop a standardized one for SCAN**

First meeting of the Advisory Board on  
Statistics in Africa (ABSA), Addis Ababa  
from 10 to 11 May 2004

## **Recommendation**

**ECA should cooperate with the National Statistical Systems (NSS) to begin collecting statistics on Information and communication technologies for development in a harmonized framework.**

# Results of the survey



# Metadata on ICT statistics

**Use of The Data Base Developed by  
ESCAP for ease harmonization**

# Geographic Repartition of the responses

- Questionnaires sent to **All NSO in ECA members States**
- Received **18 Responses**

<b>West Africa</b>	<b>North Africa</b>	<b>Central Africa</b>	<b>Southern Africa</b>	<b>East Africa</b>
5	2	3	2	6

# Global Responses

<b>Sections of the Questionnaire</b>	<b>Number of Responses</b>
General section	17 (94%)
ICT household statistics	18 (100%)
ICT business statistics	7 (39%)
Other areas of ICT statistics	6 (33%)

# General section

	Yes	Not, but	No
Definition	<b>5</b> (28%)	<b>3</b> (17%)	<b>9</b> (50%)
Publication	<b>11</b> (61%)	<b>2</b> (11%)	<b>4</b> (22%)

# General section (continued)

## Financing

<b>Regular Budget</b>	<b>National Coop.</b>	<b>International Cooperation</b>	<b>Others</b>	<b>No Fin.</b>
<b>4 (22%)</b>	<b>2 (11%)</b>	<b>2 (11%)</b>	<b>5 (28%)</b>	<b>6 (33%)</b>

# ICT household statistics

No demand	Low demand	Medium demand	High demand	Very High demand
1 (5%)	1 (5%)	5 (28%)	5 (28%)	2 (11%)

<b>1) Presence of electricity in household</b>	<b>89%</b>
<b>2) Presence of radio in household</b>	<b>83%</b>
<b>3) Presence of fixed line telephone in household</b>	<b>67%</b>
<b>4) Presence of mobile phone in household</b>	<b>44%</b>
<b>5) Presence of TV (terrestrial/cable/satellite) in household</b>	<b>72%</b>
<b>6) Presence of a computer (PC, Mac, laptop) in household</b>	<b>39%</b>
<b>7) Presence of Internet access in household</b>	<b>28%</b>
<b>8) Methods of access/bandwidth for Internet access in household</b>	<b>17%</b>
<b>9) Location of the most frequent use of Internet</b>	<b>22%</b>
<b>10) Frequency of Internet use (i.e. times a week, days per month, etc)</b>	<b>22%</b>

<b>11) Purposes of PC use (i.e. work, education, entertainment)</b>	<b>22%</b>
<b>12) Purposes of Internet use (i.e. work, education, entertainment)</b>	<b>22%</b>
<b>13) Concrete services/activities the Internet is used for (i.e. reading news, purchasing products, etc)</b>	<b>11%</b>
<b>14) Languages of visited Internet sites</b>	<b>5%</b>
<b>15) Types of products/services purchase over the Internet</b>	<b>5%</b>
<b>16) Value of purchased goods/services over the Internet</b>	<b>0%</b>
<b>17) Barriers to PC usage</b>	<b>11%</b>
<b>18) Barriers to Internet usage</b>	<b>11%</b>
<b>19) Barriers to purchase over the Internet</b>	<b>0%</b>
<b>20) Geographic location where Internet goods are purchased (domestic or foreign retailer, etc)</b>	<b>0%</b>



# ICT business statistics

No demand	Low demand	Medium demand	High demand	Very High demand
			3 (17%)	2 (11%)

<b>1) Presence of fixed line telephone</b>	<b>28%</b>
<b>2) Presence of mobile devices</b>	<b>17%</b>
<b>3) Presence of computer (PC, Mac, laptop)</b>	<b>22%</b>
<b>4) Number of computers (PCs, Mac, laptop)</b>	<b>22%</b>
<b>5) Presence of Internet access</b>	<b>28%</b>
<b>6) Methods of access/bandwidth used for Internet access</b>	<b>22%</b>
<b>7) Presence of local network</b>	<b>17%</b>
<b>8) Presence of web site</b>	<b>28%</b>
<b>9) Recent ICT investments</b>	<b>22%</b>
<b>10) Share of the total number of employees using a PC in their normal work routine</b>	<b>17%</b>

<b>11) Share of the total number of employees using PC connected to the Internet in normal work routine</b>	<b>11%</b>
<b>12) Concrete services/activities the Internet is used for</b>	<b>0%</b>
<b>13) Value of Internet purchases</b>	<b>11%</b>
<b>14) Value of Internet sales</b>	<b>5%</b>
<b>15) Customer groups/ destination of Internet sales</b>	<b>0%</b>
<b>16) Training/formation in ICT use for employees concerning ICT usage</b>	<b>5%</b>
<b>17) Barriers to PC use</b>	<b>11%</b>
<b>18) Barriers to Internet Use</b>	<b>11%</b>
<b>19) Barriers to e-commerce</b>	<b>5%</b>
<b>20) Geographic location where Internet goods are sold (domestic, foreign, etc)</b>	<b>0%</b>

# Conclusions

- **No ICT definition in the majority of NSOs**
- **Various Financing mechanisms are available**
- **Publications are done in the majority of countries**
- **Existing Demand for Households ICT statistics**
- **High demand for Business ICT Statistics in countries implementing an e-strategy, or have formulated a NICI Plan**

# Conclusions (Continued)

- Existing collected ICT Statistics concerns mainly presence of Radio, TV , Fixed and mobile Telephony in Households
- Some countries address presence and usages of PCs and Internet
- Some countries collect other areas of ICT Statistics
- Some countries collect Business ICT Statistics

# Conclusions (Continued)

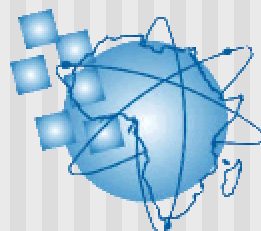
- **Need for an harmonized Methodology and a core of ICT Statistics to be collected**
- **Take advantage of ECA experience with SCAN-ICT, and agree on a core Indicators for the second phase of the project**

# Thank you

*for additional information*

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