Africa ICT Indicators Workshop
28-29 October 2004
Proposed List of Core ICT Indicators

No.	Indicators
	Basic infrastructure and access
1.	Main telephone lines per 100 inhabitants
2.	Mobile cellular subscribers per 100 inhabitants
3.	Radio per 100 inhabitants
4.	Television sets per 100 inhabitants
5.	Number of PCs per 100 inhabitants
6.	Number of Internet subscribers per 100 inhabitants
7.	International Internet bandwidth per inhabitant
8.	Broadband Internet subscribers per 100 inhabitants
9.	Internet access tariff (20 hours per month) as a percentage of per capita income
10	Percentage of localities with public Internet access centres (PIACs) by number of inhabitants (rural/urban)
11	Percentage of population with access to PIACs by type of PIAC (governmental/private)
12	Percentage of population covered by mobile telephony
	ICT sector
13	Percentage of total workforce involved in ICT sector (by gender)
14	ICT imports and exports as percentage of total imports and exports
15	Value added in the ICT sector (as a percentage of total value added)
	Households
16	Percentage of households with radio
17	Percentage of households with a television
18	Percentage of households with a telephone (Fixed only, mobile only, fixed and mobile)
19	Percentage of households with a personal computer
20	Percentage of households with Internet access (from the home)
	Individuals (by age, gender, including the disable)
21	Percentage of population that use a computer
22	Percentage of population with access to the Internet (by type of access, purpose, location of use)
	Business
23	Percentage of businesses with computers
24	Percentage of businesses with Internet access
25	Percentage of businesses with a website
26	Percentage of employees using PCs
27	Percentage of employees using the Internet
28	Percentage of businesses receiving orders over Internet
29	Percentage of businesses placing orders over Internet
30	Percentage of businesses with an intranet
31	Value of orders received over the Internet (as a percentage of total value of orders)
	Education
32	Percentage of primary and secondary schools having Internet access for students for study purposes
33	Percentage of students enrolled in tertiary education having Internet access for students for study purposes
34	Enrolled Student to PC ratio (in primary, secondary schools and tertiary education)

35	Percentage of students enrolled in tertiary education in an ICT field or an ICT- dominated field (of the total number of students) (by gender)
36	Percentage of ICT-qualified teachers in primary and secondary schools (of the total number of teachers)
37	Percentage of tertiary education institutions with e-learning courses (of the total number of tertiary education institutions)
38	For what purpose do students/teachers use computers/Internet (% for E-mail, research, employment opportunities, application software, etc.)
	Government
39	Ratio of availability of PCs to number of staff
40	Percentage of government offices with Internet access
41	Percentage of government offices and agencies with a website
42	Percentage of government employees with Internet access from the office
43	% of government workers that use ICTs
44	Purpose of use: (%) for e-mail, research, database work, geomatics, application software, etc
	Agriculture
45	% of agricultural population and extension workers involved in the exploitation and deployment of ICTs to the sector
46	Typology of usage of ICTs in the agricultural sector (% in R&D, business, weather, prices, etc..)
47	Number of Local web-sites and data bases with agricultural information and content
	Health
48	% of health institutions using ICTs (by type of health institution: private clinic, government, university hospital, pharmacy etc…)
49	Geographic distribution of health institutions with computers, telephone and Internet connectivity
50	% of health professionals that use ICTs for medical purposes
51	Purpose of usage and % in tele-medicine, email, research (health information, continuing medical education or distance learning, health promotion (including health information systems), database, Software applications, etc
52	% of local web-sites and data bases with medical information
	Supplementary Indicators
53	Total Resident Population
54	Total number of households
55	Percentage of households with electricity
56	Total number of sub-regional and regional backbones and Exchange Points to which the country has access
	ICT investment and expenditures
57	% of ICT investments and expenditures (% vis a vis GDP and vis a vis general Government expenditures)
	Content issues and local languages
58	% of software developed in local language
59	% of websites developed in local languages
	Security issues
60	% of networks and websites which are attacked, and nature of attacks
	National Information and Communication Infrastructure (NICI) Plans and legislation
61	Esistence of national or sectoral ICT policies and strategies and their implementation status
62	Existence of national ICT legislations and regulatory frameworks and their effective implementation.