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Background document
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Items for discussion and decision: Information and communication technology (ICT) statistics

Background document to the Report of the Partnership on Measuring ICT for Development on Information and communication technology statistics

Prepared by the Partnership on Measuring ICT for Development

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1. Introduction

The background document to the Report of the Partnership on Measuring ICT for Development on Information and communication technology statistics provides country-level information about the availability of the core ICT indicators developed by the Partnership on Measuring ICT for Development and shows progress in measuring the core ICT indicators between 2005 and 2010.

2. Revised and Extended Core List of ICT Indicators by the Partnership on Measuring ICT for Development

- A1 Fixed telephone lines per 100 inhabitants
- A2 Mobile cellular telephone subscriptions per 100 inhabitants
- A3 Fixed Internet subscribers per 100 inhabitants
- A4 Fixed broadband Internet subscribers per 100 inhabitants
- A5 Mobile broadband subscriptions per 100 inhabitants
- A6 International Internet bandwidth per inhabitant (bits/second/inhabitant)
- A7 Percentage of the population covered by a mobile cellular telephone network
- A8 Fixed broadband Internet access tariffs per month in US\$, and as a percentage of monthly per capita income
- A9 Mobile cellular telephone prepaid tariffs per month in US\$, and as a percentage of monthly per capita income
- A10 Percentage of localities with public Internet access centres (PIACs)

- HH1 Proportion of households with a radio
- HH2 Proportion of households with a TV
- HH3 Proportion of households with telephone
- HH4 Proportion of households with a computer
- HH5 Proportion of individuals who used a computer in the last 12 months
- HH6 Proportion of households with Internet access
- HH7 Proportion of individuals who used the Internet in the last 12 months
- HH8 Location of individual use of the Internet in the last 12 months
- HH9 Internet activities undertaken by individuals in the last 12 months
- HH10 Proportion of individuals who used a mobile cellular telephone in the last 12 months
- HH11 Proportion of households with access to the Internet by type of access
- HH12 Frequency of individual use of the Internet in the last 12 months

- B1 Proportion of businesses using computer
- B2 Proportion of persons employed routinely using computer
- B3 Proportion of businesses using the Internet
- B4 Proportion of persons employed routinely using the Internet
- B5 Proportion of businesses with a web presence
- B6 Proportion of businesses with an intranet
- B7 Proportion of businesses receiving orders over the Internet

B8	Proportion of businesses placing orders over the Internet
B9	Proportion of businesses using the Internet by type of access
B10	Proportion of businesses with a local area network (LAN)
B11	Proportion of businesses with an extranet
B12	Proportion of businesses using the Internet by type of activity
ICT1	Proportion of total business sector workforce involved in the ICT sector
ICT2	ICT sector share of gross value added
ICT3	ICT goods imports as a percentage of total imports
ICT4	ICT goods exports as a percentage of total export
ED1	Proportion of schools with a radio used for educational purposes
ED2	Proportion of schools with a television used for educational purposes
ED3	Proportion of schools with a telephone communication facility
ED4	Learners-to-computer ratio in schools with computer-assisted instruction
ED5	Proportion of schools with Internet access by type of access
ED6	Proportion of learners who have access to the Internet at school
ED7	Proportion of learners enrolled at the post-secondary level in ICT-related fields
ED8	Proportion of ICT-qualified teachers in schools
EG1	Proportion of persons employed in central government organizations routinely using computers
EG2	Proportion of persons employed in central government organizations routinely using the Internet
EG3	Proportion of central government organizations with a Local Area Network (LAN)
EG4	Proportion of central government organizations with an intranet
EG5	Proportion of central government organizations with Internet access, by type of access
EG6	Proportion of central government organizations with a web presence
EG7	Selected Internet-based online services available to citizens, by level of sophistication of service

3. Availability of, and progress in measuring, the core ICT indicators by country and region

Table 3.1: Availability of the core ICT indicators on infrastructure 2009/2010 (as reported to ITU)

	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Africa												
Algeria	√	√		√		√		√	√		6	60%
Angola	√	√	√					√	√		5	50%
Benin	√	√		√		√	√	√	√		7	70%
Botswana	√	√	√	√		√		√	√	√	8	80%
Burkina Faso	√	√	√	√		√		√	√		7	70%
Burundi	√	√	√	√		√	√				6	60%
Cameroon	√	√		√		√		√	√		6	60%
Cape Verde	√	√	√	√		√	√	√	√		8	80%
Central African Rep.	√	√	√		√		√				5	50%
Chad	√	√	√	√		√		√	√		7	70%
Comoros	√	√	√	√		√		√	√		7	70%
Congo	√	√		√							3	30%
Congo (Dem. Rep.)	√	√	√	√		√	√				6	60%
Côte d'Ivoire	√	√				√	√	√	√		6	60%
Djibouti	√	√	√	√	√	√	√	√	√	√	10	100%
Equatorial Guinea	√	√		√		√					4	40%

	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public Internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Eritrea	√	√	√	√		√	√				6	60%
Ethiopia	√	√	√	√		√		√	√		7	70%
Gabon	√	√	√	√		√					5	50%
Gambia	√	√		√		√					4	40%
Ghana	√	√	√	√	√	√	√	√	√		9	90%
Guinea	√	√		√		√		√	√		6	60%
Guinea-Bissau	√	√	√			√					4	40%
Kenya	√	√	√	√	√	√	√	√	√		9	90%
Lesotho	√	√				√		√	√		5	50%
Liberia	√	√		√		√					4	40%
Libya	√	√	√	√		√	√				6	60%
Madagascar	√	√	√	√		√		√	√		7	70%
Malawi	√	√	√	√			√	√	√		7	70%
Mali	√	√	√	√	√	√		√	√		8	80%
Mauritania	√	√		√				√	√		5	50%
Mauritius	√	√	√	√	√	√	√	√	√		9	90%
Morocco	√	√	√	√	√	√	√	√	√		9	90%
Mozambique	√	√	√	√		√	√	√	√		8	80%
Namibia	√	√		√				√	√		5	50%

	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public Internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Niger	√	√		√				√	√		5	50%
Nigeria	√	√	√	√			√	√	√		7	70%
Rwanda	√	√	√	√		√	√	√	√		8	80%
S. Tomé & Príncipe	√	√		√		√		√	√		6	60%
Senegal	√	√	√	√		√	√	√	√		8	80%
Seychelles	√	√	√	√	√	√	√	√	√		9	90%
Sierra Leone	√	√				√					3	30%
Somalia											0	0%
South Africa	√	√		√		√		√	√		6	60%
Sudan	√	√		√		√	√				5	50%
Swaziland	√	√	√	√		√		√	√	√	8	80%
Tanzania	√	√	√	√	√	√	√	√	√		9	90%
Togo	√	√	√	√		√	√	√	√		8	80%
Tunisia	√	√	√	√		√	√	√	√		8	80%
Uganda	√	√	√	√		√		√	√	√	8	80%
Zambia	√	√	√	√		√	√	√	√		8	80%
Zimbabwe	√	√	√	√	√	√	√	√	√		9	90%
Total Africa	51	51	34	45	10	43	25	38	38	4		
% of countries	98%	98%	65%	87%	19%	83%	48%	73%	73%	8%		

Country	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public Internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Asia and Pacific												
Afghanistan	√	√	√	√							4	40%
Bangladesh		√				√		√	√		4	40%
Bhutan	√	√	√	√	√	√	√	√	√	√	10	100%
Brunei Darussalam	√	√	√	√				√	√		6	60%
Cambodia	√	√		√			√	√	√		6	60%
China	√	√	√	√		√	√	√	√		8	80%
D.P.R. Korea		√									1	10%
Fiji	√	√	√	√		√		√	√		7	70%
Hong Kong, China	√	√	√	√	√	√	√	√	√	√	10	100%
India	√	√	√	√		√	√	√	√		8	80%
Indonesia	√	√						√	√		4	40%
Iran (I.R.)						√					1	10%
Kiribati	√	√		√				√	√		5	50%
Lao P.D.R.	√	√	√	√		√	√	√	√		8	80%
Macao, China	√	√	√	√	√	√	√	√	√		9	90%
Malaysia	√	√	√	√	√	√	√	√	√	√	10	100%
Maldives	√	√	√	√	√	√	√	√	√	√	10	100%
Marshall Islands						√					1	10%

	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public Internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Micronesia	√	√		√		√		√	√		6	60%
Mongolia	√	√	√	√	√	√	√			√	8	80%
Myanmar	√	√									2	20%
Nauru	√	√		√		√	√				5	50%
Nepal	√	√	√		√		√	√	√		7	70%
Pakistan	√	√	√	√		√	√	√	√	√	9	90%
Papua New Guinea	√	√		√		√		√	√		6	60%
Philippines	√	√	√	√	√		√	√	√		8	80%
Samoa						√		√	√		3	30%
Singapore	√	√	√	√	√	√	√	√	√	√	10	100%
Solomon Islands						√					1	10%
Sri Lanka	√	√	√	√		√	√	√	√		8	80%
Thailand	√	√	√	√		√		√	√		7	70%
Timor-Leste		√						√	√		3	30%
Tonga						√		√	√		3	30%
Turkey	√	√	√	√	√	√	√	√	√		9	90%
Tuvalu				√		√					2	20%
Vanuatu	√	√	√	√		√		√	√		7	70%
Viet Nam	√	√		√		√		√	√		6	60%

	per 100 inhabitants					International internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) internet subscriptions	Fixed broadband internet subscriptions	Mobile broadband subscriptions			Fixed broadband internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Total Asia and Pacific	28	31	20	26	10	27	17	28	28	7		
% of countries	76%	84%	54%	70%	27%	73%	46%	76%	76%	19%		

Central Asia and South-Eastern European Countries												
Albania	√	√	√	√		√	√	√	√		8	80%
Armenia	√	√	√	√	√	√	√	√	√		9	90%
Azerbaijan	√	√	√	√	√	√	√	√	√	√	10	100%
Belarus	√	√	√	√	√	√	√	√	√	√	10	100%
Bosnia and Herzegovina	√	√	√	√	√	√	√	√	√		9	90%
Croatia	√	√	√	√	√	√	√	√	√		9	90%
Georgia	√	√	√	√	√		√	√	√	√	9	90%
Kazakhstan	√	√	√	√		√	√	√	√		8	80%
Kyrgyzstan	√	√	√	√		√	√	√	√		8	80%
Moldova	√	√	√	√		√		√	√		7	70%
Montenegro	√	√		√		√	√	√	√		7	70%
Russia	√	√	√	√		√		√	√	√	8	80%
Serbia	√	√	√	√	√	√	√	√	√	√	10	100%
Tajikistan	√	√						√	√		4	40%

	per 100 inhabitants					International internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) internet subscriptions	Fixed broadband internet subscriptions	Mobile broadband subscriptions			Fixed broadband internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
TFYR Macedonia	√	√	√	√	√		√	√	√		8	80%
Turkmenistan	√	√		√		√					4	40%
Ukraine	√	√	√	√			√	√	√		7	70%
Uzbekistan	√	√	√	√		√		√	√		7	70%
Total Central Asia and South-Eastern European	18	18	15	17	8	14	13	17	17	5		
% of countries	100%	100%	83%	94%	44%	78%	72%	94%	94%	28%		

Latin America and the Caribbean												
Antigua & Barbuda	√	√	√	√	√	√	√	√	√		9	90%
Argentina	√	√	√	√				√	√		6	60%
Bahamas	√	√	√	√		√	√	√	√		8	80%
Barbados	√	√	√	√		√		√	√		7	70%
Belize	√	√	√	√		√		√	√		7	70%
Bolivia	√	√	√	√		√		√	√		7	70%
Brazil	√	√	√	√	√		√	√	√		8	80%
Chile	√	√	√	√	√	√	√	√	√		9	90%
Colombia	√	√	√	√	√	√		√	√	√	9	90%

Country	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public Internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Costa Rica	√	√	√	√	√	√	√	√	√	√	10	100%
Cuba	√	√	√	√		√	√	√	√	√	9	90%
Dominica	√	√	√	√		√	√	√	√	√	9	90%
Dominican Rep.	√	√	√	√	√	√	√	√	√	√	10	100%
Ecuador	√	√	√	√	√	√	√	√	√	√	10	100%
El Salvador	√	√	√	√		√		√	√		7	70%
Grenada	√	√	√	√				√	√		6	60%
Guatemala	√	√				√		√	√		5	50%
Guyana	√	√	√	√		√	√	√	√		8	80%
Haiti	√	√			√	√					4	40%
Honduras	√	√	√					√	√		5	50%
Jamaica	√	√	√	√		√		√	√		7	70%
Mexico	√	√	√	√	√	√	√	√	√		9	90%
Nicaragua		√					√	√	√		4	40%
Panama	√	√	√	√		√	√	√	√		8	80%
Paraguay	√	√	√	√	√	√	√	√	√		9	90%
Peru	√	√	√	√			√	√	√		7	70%
St. Kitts and Nevis								√	√		2	20%
St. Lucia			√	√			√	√	√		5	50%

	per 100 inhabitants					International internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) internet subscriptions	Fixed broadband internet subscriptions	Mobile broadband subscriptions			Fixed broadband internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
St. Vincent and the Grenadines	√	√	√	√		√	√	√	√		8	80%
Suriname	√	√	√	√		√		√	√		7	70%
Trinidad & Tobago	√	√	√	√	√	√	√	√	√		9	90%
Uruguay	√	√	√	√		√	√	√	√		8	80%
Venezuela	√	√	√	√	√			√	√		7	70%
Total Latin America and the Caribbean	30	31	29	28	12	24	19	32	32	6		
% of countries	91%	94%	88%	85%	36%	73%	58%	97%	97%	18%		

Western Asia												
Bahrain	√	√	√	√	√		√	√	√		8	80%
Egypt	√	√	√	√	√	√	√	√	√	√	10	100%
Iraq	√	√	√	√		√					5	50%
Jordan	√	√	√	√	√	√	√	√	√		9	90%
Kuwait											0	0%
Lebanon	√	√				√	√	√	√		6	60%
Oman	√	√	√	√	√	√	√	√	√	√	10	100%
Qatar	√	√	√	√	√	√	√	√	√		9	90%

	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public Internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Saudi Arabia	√	√	√	√	√	√	√	√	√		9	90%
Syria	√	√	√	√		√	√	√	√		8	80%
United Arab Emirates	√	√	√	√		√	√	√	√		8	80%
Yemen	√	√	√	√		√	√	√	√		8	80%
Total Western Asia	11	11	10	10	6	10	10	10	10	2		
% of countries	92%	92%	83%	83%	50%	83%	83%	83%	83%	17%		

Other countries (mainly OECD)												
Andorra	√	√	√	√		√	√				6	60%
Australia	√	√	√	√	√		√	√	√		8	80%
Austria	√	√	√	√	√		√	√	√		8	80%
Belgium	√	√	√	√	√		√	√	√		8	80%
Bulgaria	√	√	√	√	√	√	√	√	√		9	90%
Canada	√	√	√	√			√	√	√		7	70%
Cyprus	√	√	√	√	√	√	√	√	√		9	90%
Czech Republic	√	√	√	√	√		√	√	√		8	80%
Denmark	√	√	√	√	√			√	√		7	70%
Estonia	√	√	√	√	√	√	√	√	√		9	90%

	per 100 inhabitants					International internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) internet subscriptions	Fixed broadband internet subscriptions	Mobile broadband subscriptions			Fixed broadband internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Finland	√	√		√	√			√	√		6	60%
France	√	√	√	√				√	√		6	60%
Germany	√	√		√	√		√	√	√	√	8	80%
Greece	√	√	√	√	√	√	√	√	√		9	90%
Hungary	√	√	√	√	√	√	√	√	√		9	90%
Iceland	√	√	√	√	√	√	√	√	√		9	90%
Ireland	√	√	√	√			√	√	√		7	70%
Israel								√	√		2	20%
Italy	√	√	√	√	√	√	√	√	√		9	90%
Japan	√	√		√		√	√	√	√		7	70%
Korea (Rep.)	√	√	√	√	√	√	√	√	√		9	90%
Latvia	√	√		√	√	√		√	√		7	70%
Liechtenstein								√	√		2	20%
Lithuania	√	√	√	√	√	√	√	√	√		9	90%
Luxembourg	√	√	√	√	√		√	√	√	√	9	90%
Malta	√	√	√	√	√		√	√	√	√	9	90%
Monaco	√	√	√	√		√	√	√	√	√	9	90%
Netherlands	√	√	√	√	√			√	√		7	70%
New Zealand	√	√	√	√			√	√	√		7	70%

	per 100 inhabitants					International Internet bandwidth per inhabitant (bits/second/inhabitant)	Percentage of the population covered by mobile cellular telephone network	In US\$		Percentage of localities with public Internet access centres (PIACS)	Total indicators available	% of indicators available
	Fixed telephone lines	Mobile cellular telephone subscriptions	Fixed (wired) Internet subscriptions	Fixed broadband Internet subscriptions	Mobile broadband subscriptions			Fixed broadband Internet access tariffs per month	Mobile cellular telephone tariffs per month (off-net, on-net, to fixed telephone lines)			
Country	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10		
Norway	√	√	√	√				√	√		6	60%
Poland	√	√	√	√	√		√	√	√		8	80%
Portugal	√	√	√	√	√		√	√	√		8	80%
Romania	√	√	√	√	√	√	√	√	√		9	90%
San Marino		√					√	√	√	√	5	50%
Slovak Republic	√	√	√	√	√	√	√	√	√		9	90%
Slovenia	√	√	√	√	√		√	√	√		8	80%
Spain	√	√	√	√	√		√	√	√		8	80%
Sweden	√	√	√	√	√		√	√	√		8	80%
Switzerland	√	√	√	√	√		√	√	√		8	80%
United Kingdom	√	√	√	√			√	√	√		7	70%
United States	√	√	√	√	√		√	√	√		8	80%
Total Other countries	38	39	34	38	29	15	33	40	40	5		
% of countries	93%	95%	83%	93%	71%	37%	80%	98%	98%	12%		

Source: ITU.

Table 3.2: Progress in measuring the core ICT indicators on infrastructure 2005 and 2009/2010 (as reported to ITU), % of countries, by region and total

	Africa		Asia and Pacific		Central Asia and South-Eastern European Countries		Latin America and the Caribbean		Western Asia		Other countries (mainly OECD)		Total	
	2005	2009-2010	2005	2009-2010	2005	2009-2010	2005	2009-2010	2005	2009-2010	2005	2009-2010	2005	2009-2010
A1	85%	98%	86%	76%	100%	100%	97%	91%	92%	92%	100%	93%	92%	91%
A2	96%	98%	95%	84%	94%	100%	94%	94%	92%	92%	100%	95%	96%	94%
A3	65%	65%	81%	54%	72%	83%	70%	88%	92%	83%	88%	83%	76%	74%
A4	90%	87%	73%	70%	67%	94%	100%	85%	92%	83%	98%	93%	87%	85%
A5	-	19%	-	27%	-	44%	-	36%	-	50%	-	71%	-	39%
A6	75%	83%	65%	73%	50%	78%	52%	73%	92%	83%	39%	37%	59%	69%
A7	75%	48%	62%	46%	83%	72%	61%	58%	92%	83%	88%	80%	75%	61%
A8	-	73%	-	76%	-	94%	-	97%	-	83%	-	98%	-	85%
A9	48%	73%	54%	76%	67%	94%	67%	97%	92%	83%	83%	98%	63%	85%
A10	4%	8%	16%	19%	6%	28%	6%	18%	92%	17%	7%	12%	8%	15%

Source: ITU.

Table 3.3: Availability of the core indicators on household ICT access and individuals ICT use, 2008-2010 (as reported to ITU)

Country	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available	
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone						
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12			
Africa																
Algeria	√	√	√	√	√	√								6	46%	
Angola														0	0%	
Benin														0	0%	
Botswana														0	0%	
Burkina Faso														0	0%	
Burundi														0	0%	
Cameroon														0	0%	
Cape Verde														0	0%	
Central African Rep.														0	0%	
Chad														0	0%	
Comoros														0	0%	
Congo	√	√	√	√	√	√								6	46%	
Congo (Dem. Rep.)														0	0%	
Côte d'Ivoire														0	0%	
Djibouti			√	√	√	√								4	31%	
Equatorial Guinea														0	0%	
Eritrea														0	0%	
Ethiopia														0	0%	
Gabon														0	0%	

Country	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Gambia														0	0%
Ghana	√	√		√										3	23%
Guinea														0	0%
Guinea-Bissau														0	0%
Kenya														0	0%
Lesotho														0	0%
Liberia	√	√		√	√	√								5	38%
Libya														0	0%
Madagascar	√	√	√	√	√	√								6	46%
Malawi														0	0%
Mali														0	0%
Mauritania														0	0%
Mauritius		√	√	√	√	√	√	√	√		√	√	√	11	85%
Morocco	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Mozambique														0	0%
Namibia														0	0%
Niger	√	√	√	√	√	√		√	√					8	62%
Nigeria	√	√	√	√	√	√								6	46%
Rwanda	√	√	√	√										4	31%
S. Tomé & Príncipe														0	0%
Senegal	√	√	√	√	√	√		√	√	√	√	√	√	12	92%
Seychelles														0	0%

Country	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Sierra Leone	√	√	√	√										4	31%
Somalia														0	0%
South Africa	√	√	√	√										4	31%
Sudan														0	0%
Swaziland														0	0%
Tanzania	√	√	√	√										4	31%
Togo														0	0%
Tunisia					√	√								2	15%
Uganda	√													1	8%
Zambia														0	0%
Zimbabwe														0	0%
Total Africa	14	14	13	15	11	11	2	4	4	2	3	3	3		
% of countries	27%	27%	25%	29%	21%	21%	4%	8%	8%	4%	6%	6%	6%		

Asia and Pacific															
Country	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone	Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
Afghanistan														0	0%
Bangladesh														0	0%
Bhutan	√	√	√	√	√	√	√							7	54%
Brunei Darussalam														0	0%
Cambodia	√	√	√	√	√	√								6	46%
China														0	0%
D.P.R. Korea														0	0%

Country	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Fiji														0	0%
Hong Kong, China					√	√	√	√	√	√	√	√	√	9	69%
India		√												1	8%
Indonesia			√	√	√	√			√	√	√			7	54%
Iran (I.R.)		√	√	√	√	√	√		√		√	√	√	10	77%
Kiribati														0	0%
Lao P.D.R.														0	0%
Macao, China					√	√	√	√	√		√	√	√	8	62%
Malaysia					√	√								2	15%
Maldives	√	√	√	√	√	√		√		√				8	62%
Marshall Islands														0	0%
Micronesia														0	0%
Mongolia	√	√	√	√	√	√			√					7	54%
Myanmar														0	0%
Nauru														0	0%
Nepal	√	√	√	√	√	√								6	46%
Pakistan		√												1	8%
Papua New Guinea														0	0%
Philippines	√	√	√	√	√	√								6	46%
Samoa														0	0%
Singapore			√	√	√	√	√	√	√	√	√	√	√	11	85%
Solomon Islands														0	0%

	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Sri Lanka														0	0%
Thailand	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Timor-Leste														0	0%
Tonga														0	0%
Turkey			√	√	√	√	√	√	√		√	√	√	10	77%
Tuvalu														0	0%
Vanuatu														0	0%
Viet Nam		√	√		√	√								4	31%
Total Asia and Pacific	7	11	12	11	15	15	7	6	8	5	7	6	6		
% of countries	19%	30%	32%	30%	41%	41%	19%	16%	22%	14%	19%	16%	16%		

Central Asia and South-Eastern European Countries															
Albania					√	√								2	15%
Armenia		√	√	√	√	√								5	38%
Azerbaijan	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Belarus		√	√		√	√			√		√	√	√	8	62%
Bosnia and Herzegovina														0	0%
Croatia					√	√	√	√	√	√	√	√	√	9	69%
Georgia		√	√		√	√								4	31%
Kazakhstan		√												1	8%

Country	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Kyrgyzstan														0	0%
Moldova	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Montenegro	√	√	√	√	√	√								6	46%
Russia		√	√	√	√	√		√	√		√	√	√	10	77%
Serbia					√	√	√	√	√		√	√		7	54%
Tajikistan														0	0%
TFYR Macedonia					√	√	√	√	√	√	√	√	√	9	69%
Turkmenistan														0	0%
Ukraine		√	√	√	√	√			√		√	√	√	9	69%
Uzbekistan														0	0%
Total Central Asia and South-Eastern European Countries	3	9	8	6	12	12	5	6	8	4	8	8	7		
% of countries	17%	50%	44%	33%	67%	67%	28%	33%	44%	22%	44%	44%	39%		

Latin America and the Caribbean															
Antigua & Barbuda	√	√	√	√	√	√		√						7	54%
Argentina														0	0%
Bahamas														0	0%
Barbados														0	0%
Belize														0	0%

	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Bolivia	√	√	√	√	√	√								6	46%
Brazil	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Chile			√	√	√	√	√	√	√	√	√	√	√	11	85%
Colombia	√	√	√	√	√	√		√	√		√	√	√	11	85%
Costa Rica	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Cuba					√	√								2	15%
Dominica														0	0%
Dominican Rep.														0	0%
Ecuador	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
El Salvador	√	√	√	√	√	√		√	√	√	√	√	√	12	92%
Grenada														0	0%
Guatemala														0	0%
Guyana														0	0%
Haiti														0	0%
Honduras	√	√	√	√	√	√			√	√				8	62%
Jamaica	√	√	√	√	√	√	√							7	54%
Mexico	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Nicaragua		√	√	√	√	√								5	38%
Panama		√	√											2	15%
Paraguay	√	√	√	√	√	√			√		√	√		9	69%
Peru	√	√	√	√	√	√			√		√	√	√	10	77%

	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
St. Kitts and Nevis														0	0%
St. Lucia														0	0%
St. Vincent and the Grenadines					√	√								2	15%
Suriname			√	√	√	√								4	31%
Trinidad & Tobago														0	0%
Uruguay	√	√	√	√	√	√		√	√	√	√		√	11	85%
Venezuela														0	0%
Total Latin America and the Caribbean	13	15	17	16	18	18	6	9	11	8	10	9	9		
% of countries	39%	45%	52%	48%	55%	55%	18%	27%	33%	24%	30%	27%	27%		

Western Asia															
Bahrain					√	√		√	√	√		√		6	46%
Egypt	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Iraq	√	√	√	√	√	√		√	√					8	62%
Jordan			√	√	√	√		√	√					6	46%
Kuwait														0	0%
Lebanon														0	0%
Oman														0	0%
Qatar	√	√	√	√	√	√	√	√	√	√	√	√	√	13	100%
Saudi Arabia														0	0%

Country	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Syria														0	0%
United Arab Emirates	√	√	√	√	√	√	√	√	√		√	√	√	12	92%
Yemen														0	0%
Total Western Asia	4	4	5	5	6	6	3	6	6	3	3	4	3		
% of countries	33%	33%	42%	42%	50%	50%	25%	50%	50%	25%	25%	33%	25%		

Other Countries (mainly OECD)															
Country	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone	Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
Andorra														0	0%
Australia					√	√	√		√		√	√	√	7	54%
Austria					√	√	√	√	√	√	√	√	√	9	69%
Belgium					√	√	√	√	√	√	√	√	√	9	69%
Bulgaria					√	√	√	√	√	√	√	√	√	9	69%
Canada		√	√	√	√	√	√		√		√	√	√	10	77%
Cyprus		√			√	√	√	√	√	√	√	√	√	10	77%
Czech Republic					√	√	√	√	√	√	√	√	√	9	69%
Denmark					√	√	√	√	√	√	√	√	√	9	69%
Estonia					√	√	√	√	√	√	√	√	√	9	69%
Finland					√	√	√	√	√	√	√	√	√	9	69%
France					√	√	√	√	√	√	√	√	√	9	69%
Germany					√	√	√	√	√	√	√	√	√	9	69%
Greece					√	√	√	√	√	√	√	√	√	9	69%
Hungary					√	√	√	√	√	√	√	√	√	9	69%

Country	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Iceland					√	√	√	√	√	√	√	√	√	9	69%
Ireland					√	√	√	√	√	√	√	√	√	9	69%
Israel		√	√	√	√	√		√	√		√	√		9	69%
Italy					√	√	√	√	√	√	√	√	√	9	69%
Japan		√	√	√	√	√	√	√	√	√	√	√	√	12	92%
Korea (Rep.)			√	√	√	√	√	√	√	√	√	√	√	11	85%
Latvia					√	√	√	√	√	√	√	√	√	9	69%
Liechtenstein														0	0%
Lithuania		√	√	√	√	√	√	√	√	√	√	√	√	12	92%
Luxembourg					√	√	√	√	√	√	√	√	√	9	69%
Malta					√	√	√	√	√	√	√	√	√	9	69%
Monaco		√	√	√	√	√								5	38%
Netherlands					√	√	√	√	√	√	√	√	√	9	69%
New Zealand		√			√	√	√	√	√	√	√	√	√	10	77%
Norway					√	√	√	√	√	√	√	√	√	9	69%
Poland					√	√	√	√	√	√	√	√	√	9	69%
Portugal					√	√	√	√	√	√	√	√	√	9	69%
Romania					√	√	√	√	√	√	√	√	√	9	69%
San Marino														0	0%
Slovak Republic					√	√	√	√	√	√	√	√	√	9	69%
Slovenia					√	√	√	√	√	√	√	√	√	9	69%
Spain					√	√	√	√	√	√	√	√	√	9	69%

	Households with							Individuals			Location of individual use of the Internet	Internet activities undertaken by individuals	Frequency of individual use of the Internet	Total indicators available	% of indicators available
	radio	TV	fixed telephone	mobile cellular telephone	computer	Internet access at home	access to the Internet by type of access (narrowband, broadband)	who used a computer	who used the Internet	with use of a mobile cellular telephone					
Country	HH1	HH2	HH3a	HH3b	HH4	HH6	HH11	HH5	HH7	HH10	HH8	HH9	HH12		
Sweden					√	√	√	√	√	√	√	√	√	9	69%
Switzerland									√		√	√	√	4	31%
United Kingdom					√	√	√	√	√	√	√	√	√	9	69%
United States							√		√		√			3	23%
Total Other countries	0	7	6	6	36	36	35	33	37	32	37	36	35		
% of countries	0%	17%	15%	15%	88%	88%	85%	80%	90%	78%	90%	88%	85%		

Source: ITU.

Table 3.4: Progress in measuring the core indicators on household ICT access and individuals ICT use, 2003-2005 and 2008-2010 (as reported to ITU), % of countries, by region and total

	Africa		Asia and Pacific		Central Asia and South-Eastern European Countries		Latin America and the Caribbean		Western Asia		Other countries (mainly OECD)		Total	
	2003-2005	2008-2010	2003-2005	2008-2010	2003-2005	2008-2010	2003-2005	2008-2010	2003-2005	2008-2010	2003-2005	2008-2010	2003-2005	2008-2010
HH1	58%	27%	30%	19%	33%	17%	45%	39%	42%	33%	12%	0%	37%	21%
HH2	69%	27%	41%	30%	50%	50%	48%	45%	50%	33%	78%	17%	59%	31%
HH3a	35%	25%	22%	32%	39%	44%	42%	52%	25%	42%	46%	15%	36%	32%
HH3b	25%	29%	19%	30%	28%	33%	42%	48%	25%	42%	76%	15%	38%	31%
HH4	19%	21%	30%	41%	33%	67%	58%	55%	50%	50%	88%	88%	46%	51%
HH6	4%	21%	22%	41%	17%	67%	48%	55%	17%	50%	83%	88%	34%	51%
HH11	0%	4%	3%	19%	6%	28%	6%	18%	0%	25%	68%	85%	17%	30%
HH5	0%	8%	11%	16%	11%	33%	12%	27%	8%	50%	76%	80%	22%	33%
HH7	2%	8%	14%	22%	11%	44%	21%	33%	17%	50%	85%	90%	27%	38%
HH10	2%	4%	5%	14%	0%	22%	18%	24%	8%	25%	17%	78%	9%	28%
HH8	0%	6%	3%	19%	6%	44%	6%	30%	0%	25%	66%	90%	16%	35%
HH9	0%	6%	3%	16%	6%	44%	6%	27%	0%	33%	66%	88%	16%	34%
HH12	0%	6%	0%	16%	0%	39%	3%	27%	0%	25%	0%	85%	1%	33%

Source: ITU.

Table 3.5: Availability of the core ICT indicators on ICT use by businesses and on the ICT sector, 2007-2009 (as reported to UNCTAD)

Country	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2			
Africa																
Algeria															0	0%
Angola															0	0%
Benin															0	0%
Botswana															0	0%
Burkina Faso															0	0%
Burundi															0	0%
Cameroon															0	0%
Cape Verde															0	0%
Central African Rep.															0	0%
Chad															0	0%
Comoros															0	0%
Congo															0	0%
Congo (Dem. Rep.)															0	0%
Côte d'Ivoire															0	0%
Djibouti															0	0%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Equatorial Guinea															0	0%
Eritrea															0	0%
Ethiopia															0	0%
Gabon															0	0%
Gambia															0	0%
Ghana															0	0%
Guinea															0	0%
Guinea-Bissau															0	0%
Kenya															0	0%
Lesotho	√	√	√		√				√			√			5	50%
Liberia															0	0%
Libya															0	0%
Madagascar															0	0%
Malawi															0	0%
Mali															0	0%
Mauritania															0	0%
Mauritius	√	√	√	√	√	√	√	√							8	80%
Morocco															0	0%
Mozambique															0	0%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Namibia															0	0%
Niger															0	0%
Nigeria															0	0%
Rwanda															0	0%
S. Tomé & Príncipe															0	0%
Senegal	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Seychelles															0	0%
Sierra Leone															0	0%
Somalia															0	0%
South Africa															0	0%
South Sudan															0	0%
Sudan															0	0%
Swaziland															0	0%
Tanzania															0	0%
Togo															0	0%
Tunisia	√	√	√	√	√	√	√	√	√	√	√	√		√	10	100%
Uganda															0	0%
Zambia															0	0%
Total Africa	4	4	4	3	4	3	3	3	3	2	2	3	0	1		

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		

Asia and Pacific																
Afghanistan															0	0%
Bangladesh															0	0%
Bhutan															0	0%
Brunei Darussalam															0	0%
Cambodia															0	0%
China															0	0%
D.P.R. Korea															0	0%
Fiji															0	0%
Hong Kong, China	√	√	√	√	√	√	√	√	√	√	√	√	√	√	10	100%
India	√														1	10%
Indonesia															0	0%
Iran (I.R.)															0	0%
Kiribati															0	0%
Lao P.D.R.															0	0%
Macao, China	√		√		√		√	√	√			√			6	60%
Malaysia												√	√		0	0%
Maldives															0	0%
Marshall Islands															0	0%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Micronesia															0	0%
Mongolia														√	0	0%
Myanmar															0	0%
Nauru															0	0%
Nepal															0	0%
Pakistan															0	0%
Papua New Guinea															0	0%
Philippines	√	√	√	√	√	√	√	√		√	√				9	90%
Samoa															0	0%
Singapore	√		√		√	√	√	√	√	√	√	√	√		8	80%
Solomon Islands															0	0%
Sri Lanka															0	0%
Thailand	√	√	√	√	√	√	√	√	√	√	√	√	√		10	100%
Timor-Leste															0	0%
Tonga															0	0%
Turkey	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Tuvalu															0	0%
Vanuatu															0	0%
Viet Nam															0	0%
Total Asia and Pacific	7	4	6	4	7	5	6	6	5	5	5	6	4	2		

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		

Central Asia and South-Eastern European Countries																
Albania															0	0%
Armenia															0	0%
Azerbaijan	√	√	√	√	√	√	√	√	√	√	√	√	√	√	10	100%
Belarus															0	0%
Bosnia and Herzegovina															0	0%
Croatia	√	√	√	√	√	√	√	√	√	√	√	√	√	√	10	100%
Georgia															0	0%
Kazakhstan	√	√	√	√	√	√	√	√	√	√	√	√	√	√	10	100%
Kyrgyzstan	√		√		√				√	√		√			5	50%
Moldova															0	0%
Montenegro															0	0%
Russia	√	√	√	√	√	√	√	√	√	√	√	√	√	√	10	100%
Serbia	√	√	√		√	√	√	√	√	√	√	√			9	90%
Tajikistan															0	0%
TFYR Macedonia															0	0%
Turkmenistan															0	0%
Ukraine															0	0%
Uzbekistan															0	0%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Total Central Asia and South-Eastern European	6	5	6	4	6	5	5	5	6	6	5	6	4	2		

Latin America and the Caribbean																	
Antigua & Barbuda																0	0%
Argentina	√	√	√	√	√	√	√	√	√	√	√	√				10	100%
Bahamas																0	0%
Barbados																0	0%
Belize																0	0%
Bolivia																0	0%
Brazil	√	√	√	√	√	√	√	√					√	√		8	80%
Chile	√		√		√		√	√	√	√	√	√				7	70%
Colombia	√	√	√	√	√	√	√	√	√	√	√	√				10	100%
Costa Rica																0	0%
Cuba	√	√	√	√	√	√	√	√	√	√	√	√	√	√		10	100%
Dominica																0	0%
Dominican Rep.																0	0%
Ecuador																0	0%
El Salvador																0	0%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Grenada															0	0%
Guatemala															0	0%
Guyana															0	0%
Haiti															0	0%
Honduras															0	0%
Jamaica															0	0%
Mexico													√	√	0	0%
Nicaragua															0	0%
Panama															0	0%
Paraguay															0	0%
Peru															0	0%
St. Kitts and Nevis															0	0%
St. Lucia															0	0%
St. Vincent and the Grenadines															0	0%
Suriname															0	0%
Trinidad & Tobago															0	0%
Uruguay															0	0%
Venezuela															0	0%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Bermuda	√	√	√	√	√	√	√	√					√	√	8	80%
Total Latin America and the Caribbean	6	5	6	5	6	5	6	6	4	4	4	4	4	4	53	

Other countries (mainly OECD)																
Andorra															0	0%
Australia	√		√		√		√	√	√			√	√	√	6	60%
Austria	√	√	√	√	√	√	√	√	√	√	√	√	√	√	10	100%
Belgium	√	√	√	√	√	√	√	√	√	√	√	√	√	√	10	100%
Bulgaria	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Canada	√		√		√	√	√	√	√		√	√	√		7	70%
Cyprus	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Czech Republic	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Denmark	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Estonia	√	√	√	√	√	√	√	√	√		√	√			9	90%
Finland	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
France	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Germany	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Greece	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Hungary	√	√	√	√	√	√	√	√	√	√	√	√			10	100%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Iceland	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Ireland	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Israel													√		0	0%
Italy	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Japan			√		√	√	√	√	√	√	√		√	√	7	70%
Korea (Rep.)	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Latvia	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Liechtenstein															0	0%
Lithuania	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Luxembourg	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Malta	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Monaco															0	0%
Netherlands	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
New Zealand	√	√	√	√	√	√	√	√	√	√	√	√	√		10	100%
Norway	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Poland	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Portugal	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Romania	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
San Marino															0	0%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Slovak Republic	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Slovenia	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Spain	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Sweden	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Switzerland	√		√	√	√	√	√	√	√	√	√	√	√	√	9	90%
United Kingdom	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
United States													√	√	0	0%
Total other countries	34	31	35	32	35	34	35	35	35	32	34	34	8	5	318	

Western Asia																	
Bahrain																0	0%
Egypt	√	√	√	√	√	√	√	√	√	√	√	√	√	√		10	100%
Iraq																0	0%
Jordan	√	√	√	√	√	√	√	√	√	√	√	√	√	√		10	100%
Kuwait																0	0%
Lebanon																0	0%
Oman																0	0%
Qatar	√	√	√	√	√	√	√	√	√	√	√	√				10	100%

	Proportion of businesses using computers	Proportion of employees using computers	Proportion of businesses using the Internet	Proportion of employees using the Internet	Proportion of businesses with a website	Proportion of businesses with an intranet	Proportion of businesses receiving orders over the Internet	Proportion of businesses placing orders over the Internet	Proportion of businesses accessing the Internet by type of access	Proportion of businesses with a Local Area Network (LAN)	Proportion of businesses with an extranet	Proportion of businesses using the Internet by type of activity	Proportion of total business sector workforce involved in the ICT sector	ICT sector share of gross value added	Total indicators available	% of indicators available
Country	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	ICT-1	ICT-2		
Saudi Arabia															0	0%
Syria															0	0%
United Arab Emirates	√		√		√	√	√	√	√	√	√	√			8	80%
Yemen															0	0%
Palestinian Authority	√	√	√	√	√	√	√	√	√	√	√	√			10	100%
Total Western Asia	5	4	5	4	5	5	5	5	5	5	5	5	2	0	48	

Source: UNCTAD.

Table 3.6: Progress in measuring the core ICT indicators on ICT use by businesses and on the ICT sector (as reported to UNCTAD)

Region	Number of additional countries for which Core Indicators are available since inception of Partnership (2005)
Africa	3
Asia and Pacific	4
Central Asia and South-Eastern European Countries	5
Latin America and the Caribbean	0
Other countries (mainly OECD)	6
Western Asia	4

Source: UNCTAD.

Table 3.7: Availability of the core indicators on ICT in education, 2008-2010 (as reported to UIS)

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Africa										
Algeria									0	0%
Angola									0	0%
Benin									0	0%
Botswana									0	0%
Burkina Faso									0	0%
Burundi									0	0%
Cameroon									0	0%
Cape Verde									0	0%
Central African Rep.									0	0%
Chad									0	0%
Comoros									0	0%
Congo									0	0%
Congo (Dem. Rep.)									0	0%
Côte d'Ivoire									0	0%
Djibouti									0	0%
Equatorial Guinea									0	0%
Eritrea									0	0%
Ethiopia		√			√			√	3	38%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Gabon									0	0%
Gambia									0	0%
Ghana			√				√	√	3	38%
Guinea									0	0%
Guinea-Bissau									0	0%
Kenya									0	0%
Lesotho									0	0%
Liberia									0	0%
Libya									0	0%
Madagascar									0	0%
Malawi									0	0%
Mali									0	0%
Mauritania									0	0%
Mauritius	√	√	√	√	√	√		√	7	88%
Morocco	√		√		√		√	√	5	63%
Mozambique									0	0%
Namibia									0	0%
Niger									0	0%
Nigeria									0	0%
Rwanda									0	0%
S. Tomé & Príncipe									0	0%
Senegal	√				√			√	3	38%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Seychelles									0	0%
Sierra Leone									0	0%
Somalia									0	0%
South Africa									0	0%
South Sudan									0	0%
Sudan									0	0%
Swaziland									0	0%
Tanzania									0	0%
Togo									0	0%
Tunisia	√			√	√	√	√	√	6	75%
Uganda									0	0%
Zambia									0	0%
Zimbabwe									0	0%
Africa	4	2	3	2	5	2	3	6		
% of countries	8%	4%	6%	4%	9%	4%	6%	11%		

Asia and Pacific										
Afghanistan									0	0%
Bangladesh									0	0%
Bhutan									0	0%
Brunei Darussalam									0	0%
Cambodia									0	0%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
China									0	0%
D.P.R. Korea									0	0%
Fiji									0	0%
Hong Kong, China									0	0%
India									0	0%
Indonesia									0	0%
Iran (I.R.)									0	0%
Kiribati									0	0%
Lao P.D.R.									0	0%
Macao, China									0	0%
Malaysia	√	√	√	√	√	√	√	√	8	100%
Maldives									0	0%
Marshall Islands									0	0%
Micronesia									0	0%
Mongolia									0	0%
Myanmar									0	0%
Nauru									0	0%
Nepal									0	0%
Pakistan									0	0%
Papua New Guinea									0	0%
Philippines									0	0%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Samoa									0	0%
Singapore									0	0%
Solomon Islands									0	0%
Sri Lanka									0	0%
Thailand									0	0%
Timor-Leste									0	0%
Tonga									0	0%
Turkey									0	0%
Tuvalu									0	0%
Vanuatu									0	0%
Viet Nam									0	0%
Asia and Pacific	1	1	1	1	1	1	1	1		
% of countries	3%	3%	3%	3%	3%	3%	3%	3%		

Central Asia and South-Eastern European Countries										
Albania									0	0%
Armenia									0	0%
Azerbaijan									0	0%
Belarus	v		v	v	v		v	v	6	75%
Bosnia and Herzegovina									0	0%
Croatia									0	0%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Georgia									0	0%
Kazakhstan									0	0%
Kyrgyzstan									0	0%
Moldova									0	0%
Montenegro									0	0%
Russia	√		√		√			√	4	50%
Serbia									0	0%
Tajikistan									0	0%
TFYR Macedonia									0	0%
Turkmenistan									0	0%
Ukraine									0	0%
Uzbekistan									0	0%
Central Asia and South-Eastern European	2	0	2	1	2	0	1	2		
% of countries	11%	0%	11%	6%	11%	0%	6%	11%		

Latin America and the Caribbean										
Antigua & Barbuda	√	√	√		√			√	5	63%
Argentina			√	√	√	√	√	√	6	75%
Bahamas	√	√	√			√		√	5	63%
Barbados	√	√	√	√	√	√	√	√	8	100%
Belize			√					√	2	25%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Bolivia			√					√	2	25%
Brazil		√	√	√	√			√	5	63%
Chile				√	√				2	25%
Colombia				√	√			√	3	38%
Costa Rica	√	√	√		√	√	√	√	7	88%
Cuba	-	√	√	√		√		√	6	75%
Dominica	√	√	√	√	√	√		√	7	88%
Dominican Rep.	√	√	√		√	√	√	√	7	88%
Ecuador		-		√	√	√		√	5	63%
El Salvador			√	√	√		√	√	5	63%
Grenada	√	√	√	√	√	√		√	7	88%
Guatemala	√	√	√		√			√	5	63%
Guyana				√	√	√			3	38%
Haiti									0	0%
Honduras									0	0%
Jamaica			√				√	√	3	38%
Mexico						√			1	13%
Nicaragua				√		√		√	3	38%
Panama				√		√			2	25%
Paraguay	√		√	√	√		√	√	6	75%
Peru									0	0%
St. Kitts and Nevis	√	√	√		√			√	5	63%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
St. Lucia			√	√	√		√	√	5	63%
St. Vincent and the Grenadines	√	√	√		√	√		√	6	75%
Suriname			√		√			√	3	38%
Trinidad & Tobago	√	√	√	√	√	√	√	√	8	100%
Uruguay	√		√	√	√		√	√	6	75%
Venezuela		√	√	√	√	√	√	√	7	88%
Latin America and the Caribbean	14	15	23	18	22	16	11	26		
% of countries	42%	45%	70%	55%	67%	48%	33%	79%		

Other countries (mainly OECD)										
Andorra									0	0%
Anguilla	√	√	√	√	√	√	√	√	8	100%
Aruba				√			√		2	25%
Australia									0	0%
Austria									0	0%
Belgium									0	0%
Bermuda									0	0%
British Virgin Islands		√	√	√	√			√	5	63%
Bulgaria									0	0%
Canada									0	0%
Cayman Islands		√	√	√	√	√	√	√	7	88%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Curaçao									0	0%
Cyprus									0	0%
Czech Republic									0	0%
Denmark									0	0%
Estonia									0	0%
Falkland (Malvinas) Is.									0	0%
Finland	√	√	√		√			√	5	63%
France									0	0%
Germany									0	0%
Greece									0	0%
Greenland									0	0%
Iceland									0	0%
Ireland									0	0%
Israel									0	0%
Italy									0	0%
Japan									0	0%
Korea (Rep.)	√	√	√	√	√	√	√	√	8	100%
Latvia									0	0%
Liechtenstein									0	0%
Lithuania									0	0%
Luxembourg									0	0%
Malta									0	0%

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
Monaco									0	0%
Montserrat	√	√	√	√	√	√	√	√	8	100%
Netherlands									0	0%
New Zealand									0	0%
Norway	√		√		√			√	4	50%
Poland	√		√					√	3	38%
Portugal									0	0%
Puerto Rico									0	0%
Romania									0	0%
San Marino									0	0%
St. Pierre & Miquelon									0	0%
Sint Maarten			√		√			√	3	38%
Slovak Republic									0	0%
Slovenia									0	0%
Spain									0	0%
Sweden	√	√	√		√			√	5	63%
Switzerland									0	0%
Turks & Caicos Is.	√	√	√	√	√	√	√	√	8	100%
United Kingdom									0	0%
United States									0	0%
Virgin Islands (US)									0	0%
Other countries (mainly OECD)	9	9	12	7	11	5	7	12		

Country	Proportion of schools with a radio used for educational purposes (for ISCED 1-3)	Proportion of schools with a television used for educational purposes (for ISCED 1-3)	Proportion of schools with a telephone communication facility (for ISCED 1-3)	Learners-to-computer for pedagogical use ratio (for ISCED 1-3)	Proportion of schools with access to the Internet out of ALL schools (for ISCED 1-3)	Proportion of learners enrolled in programmes offering computer-assisted instruction (for ISCED 1-3)	Proportion of ICT-qualified teachers in primary and secondary schools	Proportion of schools with electricity (for ISCED 1-3)	Total indicators available	% of indicators available
	ED1	ED2	ED3	ED4bis	ED5 (R)	ED6bis	ED8	EDR1		
% of countries	16%	16%	21%	13%	20%	9%	13%	21%		

Western Asia										
Bahrain	√	√	√	√	√	√	√	√	8	100%
Egypt	√		√		√		√	√	5	63%
Iraq									0	0%
Jordan	√	√	√	√	√	√	√	√	8	100%
Kuwait									0	0%
Lebanon									0	0%
Oman	√	√	√		√			√	5	63%
Palestinian Authority	√	√	√		√		√	√	6	75%
Qatar									0	0%
Saudi Arabia									0	0%
Syria									0	0%
United Arab Emirates									0	0%
Yemen									0	0%
Western Asia	4	3	4	2	4	2	3	4		
% of countries	33%	25%	33%	17%	33%	17%	25%	33%		
All countries	34	30	45	31	45	26	26	51		
% of all countries	16%	14%	22%	15%	22%	12%	12%	24%		

Notes: For ED5, data are only available for the proportion of educational institutions with Internet access, but not broken down by type of access. For ED6, data show the proportion of pupils enrolled in programmes offering computer-assisted instruction rather than the proportion of learners who have access to the Internet at school. The pilot survey in 2009 showed that it was not feasible to collect data for ED7: Proportion of learners enrolled at the post-secondary level in ICT-related fields. Availability of data has been verified only for 71 countries targeted in two exercises: Pilot survey (31 countries from various regions of the world) and survey in Latin America and the Caribbean (38 out of 40 targeted countries responded to the questionnaire).

Source: UIS.