



Distr.  
GENERAL

E/ESCWA/ICTD/2005/1  
4 January 2005  
ARABIC  
ORIGINAL: ENGLISH

05-0006

\_\_\_\_\_

.....

\_\_\_\_\_

.....

-

.....

-

.....

-

.....

-

-

.....

.....

-

:(eEurope) " "

-

.....

.....

-

.....

-

..... :

-

.....

-

.....

-

.....

-

.....

-

.....

-

.....

-

-

.....

..... " "

-

( )

---

.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
.....	-
..... /	-
.....	-
.....	-

( )

\_\_\_\_\_

...

-

.....

-

-

.....

-

.....

.....

-

.....

-

.....

-

.....

-

..... ( )

-

.....

-

.....

-

.....

-

/ -

( - " )

./ ( ) " -

:

( )

( )

( )

( ) :

---

( (1

( )  
( )

--

./ / -

.

/ -

.

.

.

.

.

.

.

.

.

.

.

.



--

-

.

.

.

.

.

.

.

.

.

-

-

.

.

.

.

.

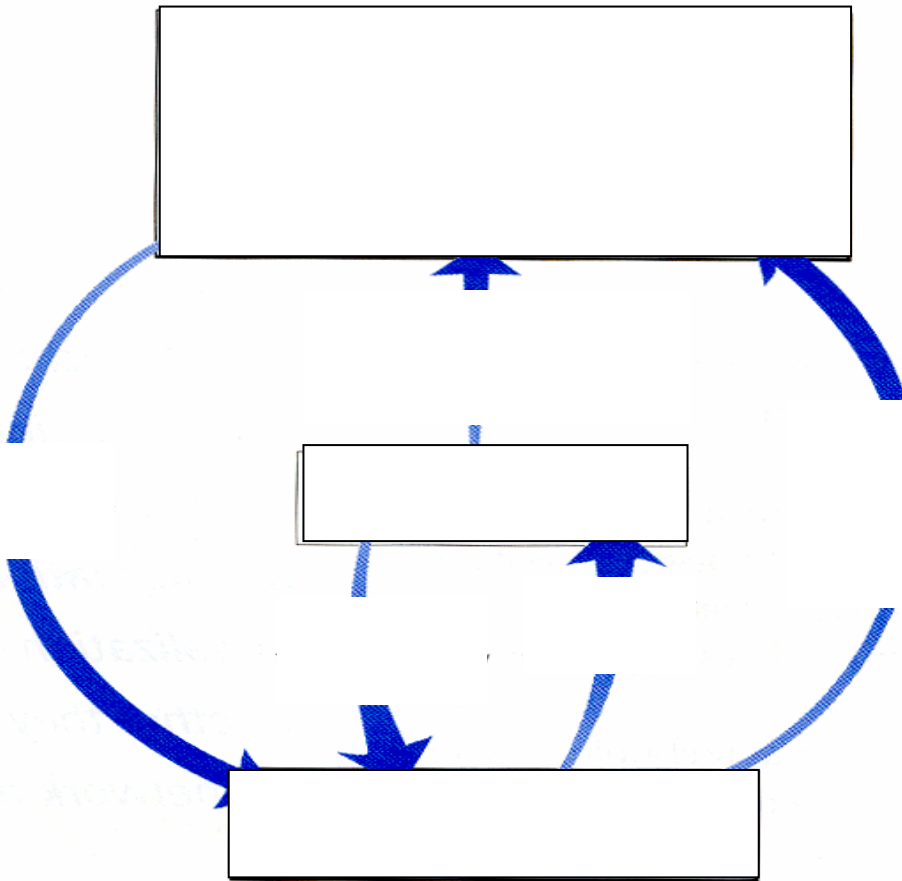
.

.

.

.

( )



.( )

( )

:

( )

( )

( )

( )

“United Nations Global E-government Survey 2003”. Available at:

( )

<http://unpan1.un.org/intradoc/groups/public/documents/un/unpan016066.pdf>

( )

( )

( )

( )

( )

( )

:

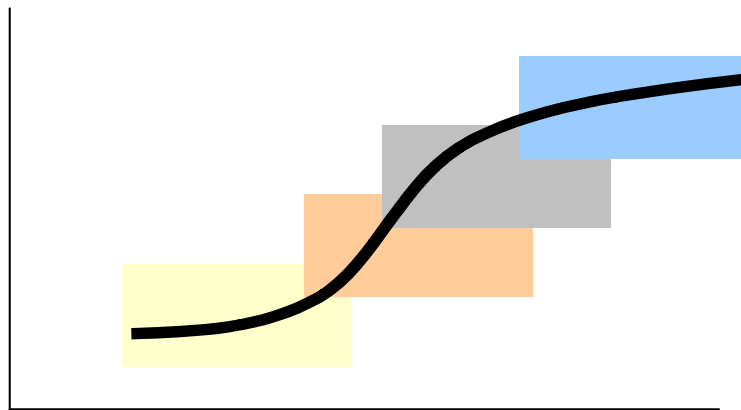
- ( )
- ( )
- ( )
- ( )
- ( )

( )

- ( )
- ( )
- ( )

---

OECD, Working Party on Indicators for the Information Society (WPIIS), "Defining and measuring e-commerce: A ( ) status report", (DSTI/ICCP/IIS(99)4/FINAL), (October 1999).



OECD, Working Party on Indicators for the Information Society (WPIIS), "Defining and measuring e-commerce: A status report", (DSTI/ICCP/IIS(99)4/FINAL), (October 1999). : \_\_\_\_\_

	/		
	:		
		_____ :	( )
		:	( )
		:	( )
		_____ :	( )
		:	
		_____ :	( )
		:	

( )

\_\_\_\_\_ : \_\_\_\_\_ ( )

:

\_\_\_\_\_ : \_\_\_\_\_ (●)

:

\_\_\_\_\_ / \_\_\_\_\_ : \_\_\_\_\_ ( )

/

: ( )

: ( )

\_\_\_\_\_ : \_\_\_\_\_ ( )

: ( )

: ( )

: ( )

\_\_\_\_\_ : \_\_\_\_\_ ( )

: ( )

-

: ( )

: ( )

: ( )

: ( )

: ( )

: ( )

( )

\_\_\_\_\_ .(

\_\_\_\_\_

: \_\_\_\_\_  
) \_\_\_\_\_

(Goal Post)

"

(index)

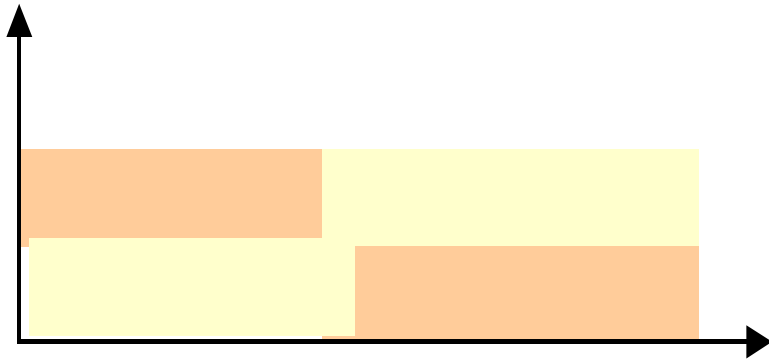
:

)

(



.( ( )



∴

:

( )

∴  
( )

( )  
( )  
( )  
( )  
(●)

\_\_\_\_\_ ( )

.

.

.

-

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

( )

Deakin University, "Data collection and analysis".

<http://www.deakin.edu.au/~agoodman/sci101/index.php>

- -

.( )

( )  
( )  
( )  
( )

( )

:  
( )"

/ -

.World Bank, "Trust Fund for Statistical Capacity Building (TFSCB): Guidelines and Procedures" : ( )

[.http://www.worldbank.org/wbi/publicfinance/documents/statistics/trustfund.pdf](http://www.worldbank.org/wbi/publicfinance/documents/statistics/trustfund.pdf)

[.http://europa.eu.int/comm/eurostat/](http://europa.eu.int/comm/eurostat/)

.European Union, *Eurostat* : ( )

- -

.

.

.

/

-

.

.

.

- -

-

( )

/

:

( )  
( )  
( )  
( )

(eEurope) " "

( )	Harvard University Guidelines (2000)	Economist EIU (2001)	McConnell International (2001, 2000)	Mosaic Group (1996)	Mosaic Group (1998)	( )	
		(% )			:		- (
					:		- ) (

( )

( )	Harvard University Guidelines (2000)	Economist EIU (2001)	McConnell International (2001, 2000)	Mosaic Group (1996)	Mosaic Group (1998)	( )	
		) (% (% )				:	-
	(B2B)  (B2C)	(% )  (% )				:	-
		(% ) /					

United Nations Conference on Trade and Development, *Information and Communication Technology Development Indices*, : \_\_\_\_\_ (New York and Geneva, United Nations, 2003), (UNCTAD/ITE/IPC/2003/1).

:(eEurope) "

"

-

\_\_\_\_\_ -

/

"

"

/

( )

"

"

[http://www.europa.eu.int/ISPO/basics/i\\_europe.html](http://www.europa.eu.int/ISPO/basics/i_europe.html) European Union, "eEurope: An introduction". See: ( )



- -

" "

" "

" "

" "

( )

-

	( )	

( )


\_\_\_\_\_

" "

-


:

eEurope, "The eEurope action lines" : \_\_\_\_\_

[http://www.e-europestandards.org/action\\_lines.htm#2002](http://www.e-europestandards.org/action_lines.htm#2002)

\_\_\_\_\_

" "

"

"

" "

:

(eEurope) " " -

: " "

" "

" "

" "

" "

" " " "

( )

---

( )

/ - )" :

\_\_\_\_\_ -

( ) \_\_\_\_\_ : - \_\_\_\_\_ ( )

" \_\_\_\_\_ ( ) " " "

\_\_\_\_\_ : \_\_\_\_\_ ( ) \_\_\_\_\_

\_\_\_\_\_ / - \_\_\_\_\_

) UNECE \_\_\_\_\_ (   
 [.http://www.unece.org/stats/documents/2003.12.wsis.htm](http://www.unece.org/stats/documents/2003.12.wsis.htm) (

/ \_\_\_\_\_ : / - \_\_\_\_\_

Centre for International Development at Harvard University and World Economic Forum, *The Global Information Technology Report 2001-2002: Readiness for the Networked World*, Oxford University Press, 2002. ( )

Information Technologies Group, Centre for International Development at Harvard University, "Readiness for a networked world: A guide for developing countries"   
 [.http://cyber.law.harvard.edu/readinessguide/](http://cyber.law.harvard.edu/readinessguide/) :

ITU, "Executive summary", *World Telecommunication Development Report 2003: Access Indicators for the Information Society*, ITU, 2003. ( )

( )

" "

( ) ( )

( )

:

/ - / :

ITU News, "Gauging ICT potential around the world: ITU releases the first global Digital Access Index", ( )  
[.http://www.itu.int/ITU-D/ict/dai/material/DAI\\_ITUNews\\_e.pdf](http://www.itu.int/ITU-D/ict/dai/material/DAI_ITUNews_e.pdf) : (October 2003)

Clement K. Dzidonu, "Suitable indicators for measuring the impact of the ICT for development (ICT4D) ( )  
process", (CES/SEM.52/14)

.( / - ) /

[.http://www.uneca.org/aisi/docs/MediaStudy.pdf](http://www.uneca.org/aisi/docs/MediaStudy.pdf) ( )

" / ( ) (SCAN-ICT) "

SCAN-ICT

" ( ) ( )

( )

( ) ( )

ECA, *SCAN-ICT: Indicators of Information and Communications Technologies*, (Addis Ababa, ECA, October 2003), (E/ECA/DISD/CODI.3/15).

( )

(E/ESCWA/ICTD/2003/11) ( )

Thaweesak Koanantakool, "Understanding changes in the information society: Working towards the internationally harmonized views", (CES/SEM.52/8/Rev.1)

( / - ) :

/  
- )

.(e-ASEAN) (

:

( ) -

-

:

:

"/  
( )"

:

( )  
( )

( )  
( )  
( )  
( )  
(●)

( ) ( ) /  
( ) ( )

Carmelita Villanueva, "Measuring ICT use in education in Asia and the Pacific through performance indicators", (CES/SEM.52/6)

.( / - ) :  
<http://www.unescobkk.org/education/ict/v2/info.asp?id=13256>UNESCO:

.(CES/SEM.52/WP.1) ( )

.

:

( )

( )

( )

.

\_\_\_\_\_

-

;( )

.

:

( )

.

:

( )

.

.

:

( )

.

:

( )

.



" - "

" "

()

()

( )

:

( )

- -

-

:

/ ( )  
( )

(\*)

(‡)

-

( )

/

( )

---

( )

/

( )

( )

( )

/

/

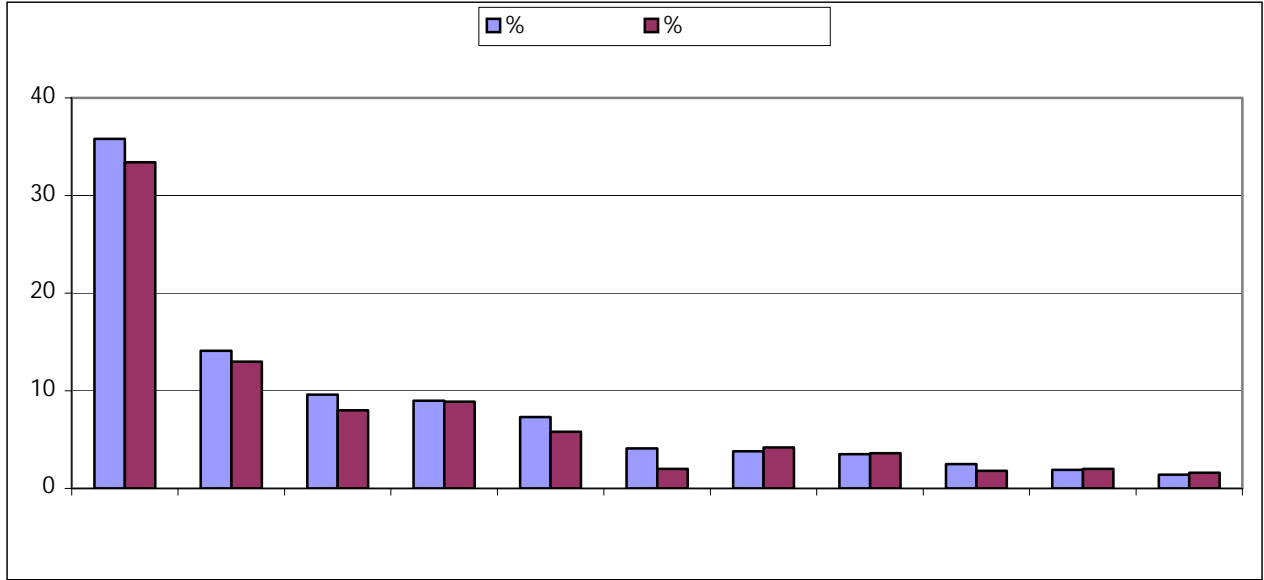
---

( )

---

( )

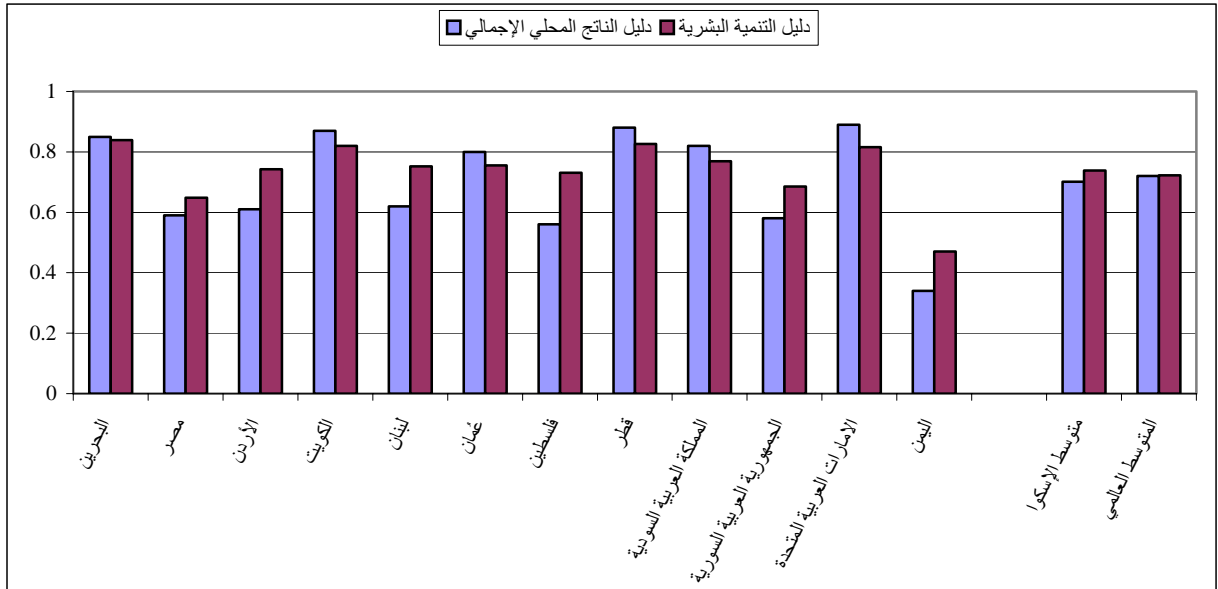
See Dan M. Grigorovici, Jorge Reina Schement and Richard D. Taylor, "Weighing the intangible: Towards a ( ) framework for information society indices", an E-business Research Centre working paper, Pennsylvania State University, August .  
[http://www.smeal.psu.edu/ebrc/publications/res\\_papers/2002\\_14.pdf](http://www.smeal.psu.edu/ebrc/publications/res_papers/2002_14.pdf) : .2002



<http://www.global->

.Global Reach, "Global Internet Statistics (by language)", March 2004.:

[.reach.biz/globstats/index.php3](http://reach.biz/globstats/index.php3)



- -

-

				*
		/	/	*
				*
	( )		/	*
	( )		/	*
			( )	*
			()	*
	( )			*

: \_\_\_\_\_

( )

[http://www.undp.org/hdr2003/indicator/indic\\_3\\_1\\_1.html](http://www.undp.org/hdr2003/indicator/indic_3_1_1.html)

\_\_\_\_\_ -

( )

\_\_\_\_\_

( )

( )

			*
			*
		( )	*
	( )		*
	( )		*
			/ *

OECD, "The new economy: Beyond the hype: Final report on the OECD Growth Project" ( )

( )

(E/ESCWA/SDD/2003/29)



- -

-

			( )
			*
			*
			*
			*

∴ \_\_\_\_\_

\_\_\_\_\_

-

			*
/ / ()			) (
			*
( )			*

( )

	( )		*
	( )		*
	( )		*
		) (	*
		( )	
	( )		: ( ) (DSL) (ASDL) ( )E1 T1
			*
			(•)
			*
		/	*
			*

: \_\_\_\_\_

( )

( )

( )

( )

(•)

- -

\_\_\_\_\_ -

.( )

-

		⊕* ⊕	*
		:	*
			) : (

\_\_\_\_\_ :

\_\_\_\_\_ -

( )

-

			*
			*
			*
/		/	*
/		/	*
			*
			:

\_\_\_\_\_

- -

\_\_\_\_\_

( )

.( )

			/
		( )	
			*
		( ) :	
			*
	( )		*

: \_\_\_\_\_  
( )  
( )

-

-

( )

;( )

: ( )

: ( )

( )

.( )

- -

\_\_\_\_\_ / -

( )

( )

-

	( )		*
/			*

:

\_\_\_\_\_ ( )

( )

		)	
/		(	*
/			*
/			( ) *
/			(•) *

[http://www.wipo.int/treaties/en/ip/paris/trtdocs\\_wo020.html](http://www.wipo.int/treaties/en/ip/paris/trtdocs_wo020.html)

( )  
(•)

( )	-
-----	---



( )

( )

( )

<http://www.greach.com/globstats/> :

Global Reach, "Global Internet statistics (by language)" ( )

- -

( )

:

( )

( )

( )

( )

(●)

( )

( )

( )

---

( )

- -

-

/			*
/			
			*
			‡
			/ ‡
	( )		‡
			*
			‡
			‡ *
			‡ *
			*
			‡
			‡

: \_\_\_\_\_

-

.

- -

( )

\_\_\_\_\_ -

( )

-

/			
/			
/			*
/			
/			
/			
/			*
/			*
/			*
/			*
/			*
/			*

( )

			*
			*
/			*



: ( )

: ( )

: ( )

: ( )

: ( )

-

: "( )

" : \_\_\_\_\_

[.http://unpan1.un.org/intradoc/groups/public/documents/un/unpan016066.pdf](http://unpan1.un.org/intradoc/groups/public/documents/un/unpan016066.pdf)

( )

:

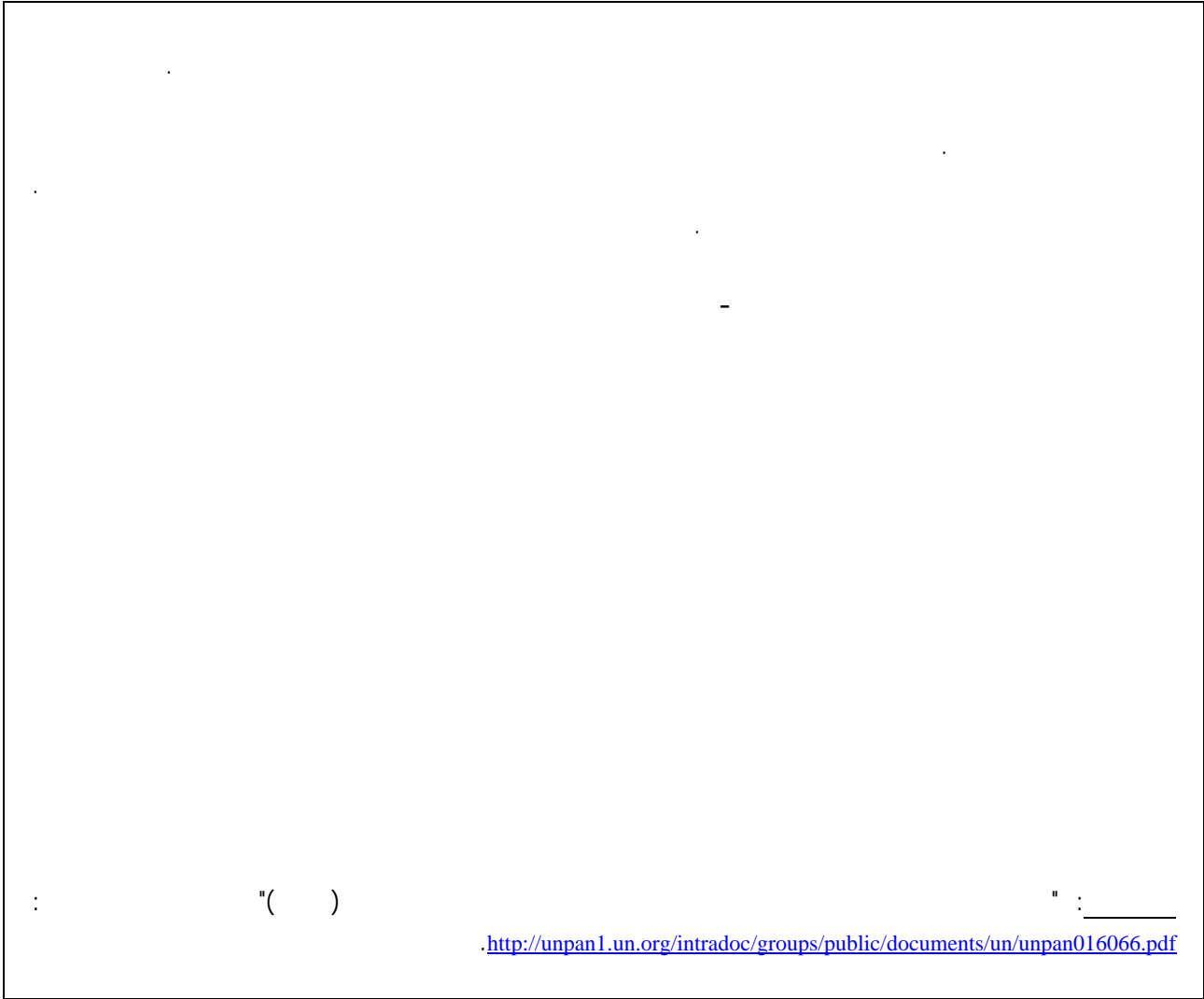
( )

( )

( )

( )

( )



:

"( )

" : \_\_\_\_\_

<http://unpan1.un.org/intradoc/groups/public/documents/un/unpan016066.pdf>



- -  
- -  
\_\_\_\_\_ -

:

( )  
( )

( )

( )

\_\_\_\_\_ -

: ( ) China Central Radio and TV University ( )  
[.http://www.edu.cn/20010101/21803.shtml](http://www.edu.cn/20010101/21803.shtml)  
Accenture, Markle Foundation and UNDP, "Appendix 3 National ICT approaches: Selected case studies: South ( )  
: .Africa", *Creating a Development Dynamic: Final Report of the Digital Opportunity Initiative*, (July 2001)  
[.http://www.opt-init.org/framework/onepage/onepage.html#appendix3Case6-html](http://www.opt-init.org/framework/onepage/onepage.html#appendix3Case6-html)



- -

( )

			/ *
			( ) *
			*
			( ) *
			( ) *
			:
			*
			*
	( )		:

\_\_\_\_\_

0( / )

/

/ -

: ( )

: ( )

( )

( )

-

/		
,		
,		
,		
,		
,		
,	0	
-	,	
,	( )	
,		
,	( )	
,	( )	

: \_\_\_\_\_

/ -

(-) : \_\_\_\_\_

(\*)  
( )  
( )  
( )

\_\_\_\_\_ -

)

.(

-

			*
			*

( )

			*

- -

			*
			*
			*
			*
			*
			*
			*
			*
			*
			*
			*
			*
			*
			/ *
			*

\_\_\_\_\_

\_\_\_\_\_

“ ”

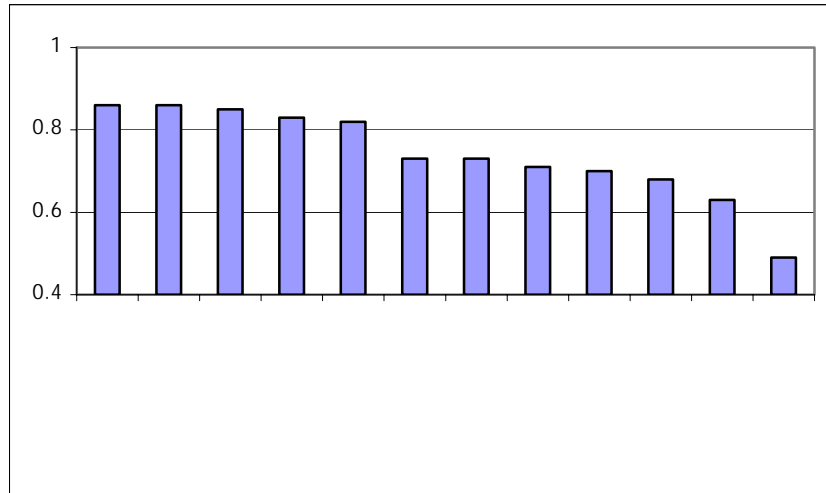
			*

			*
/			*
			⊕ * ⊕
/			:

⋮ \_\_\_\_\_

( )

( )





- -

( )

( )

-

		:	
			:
		:	*
		/	
		T1, E1	

( )

			*
		:	
			*
	( )		
			*

( )

( )

	( )		*
		:	*
			( )
			*
			:

: \_\_\_\_\_

( )

\_\_\_\_\_ -

- -

.

.

- -

-

.

.

"

"

/

-

:

.

()

()

()

.

/

-

.

.

.

.

.

/

-

.

.

- -

.( )

-

()

		✓		-
		✓		-
		✓		-
				-
		✓		-
		✓		-
		✓		-
	/	✓		-
		✓		-

( )

	/	✓		-
		✓		-
				-
				-
/				
		✓		-
	:	✓		-
		( )		-

( )

				-



- -

( )

				-
				-
			) (	-
			( )	-
			( ) (	-



- -

( )

( )

/				-
				/
				-
				-
				-
			)	-
			(	
			( )	-
			( )	-
			)	-
			(	





	-
	-
	-

- -

-

:  
: ( )

: ( )

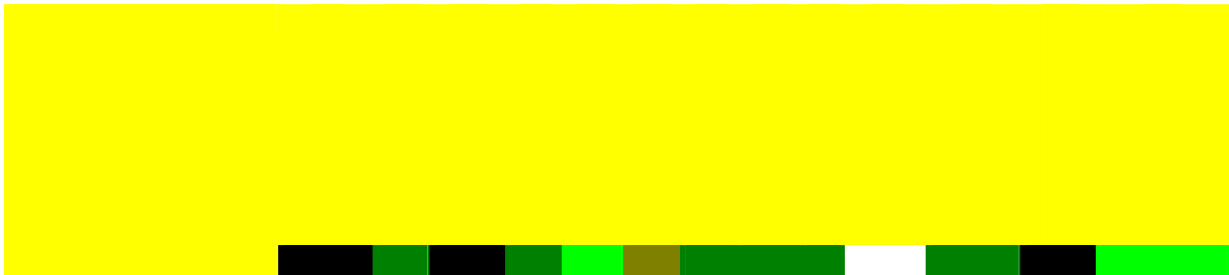
: ( )

- /

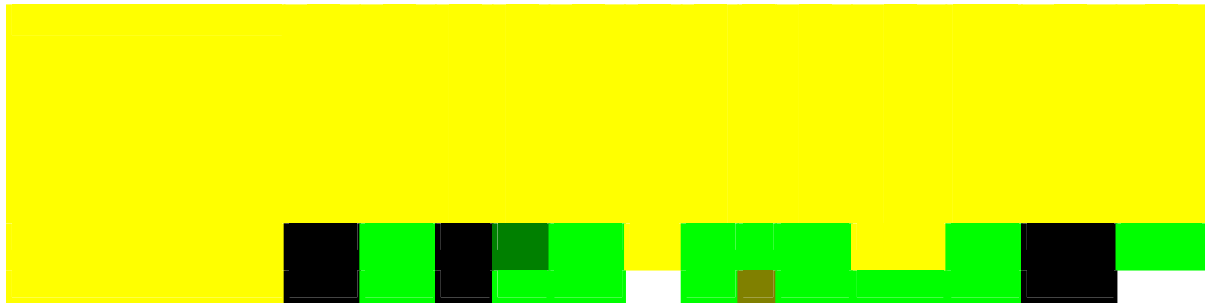
' ' ( )

.

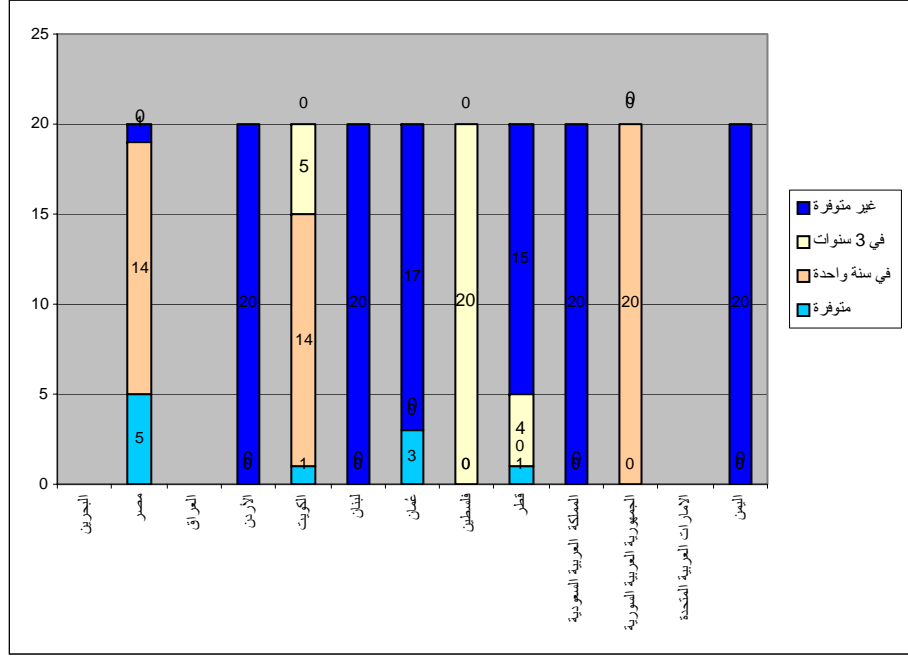
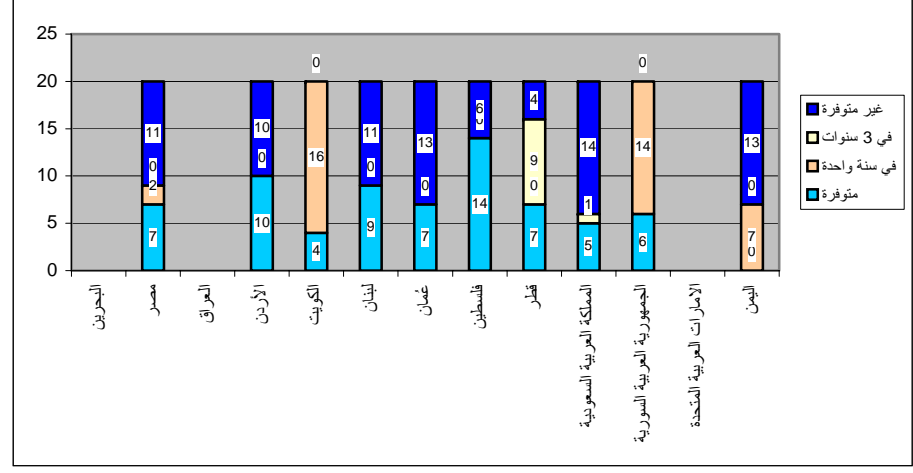
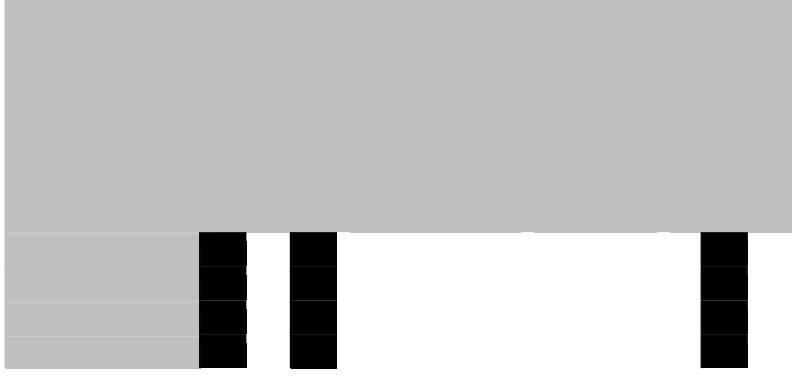
-

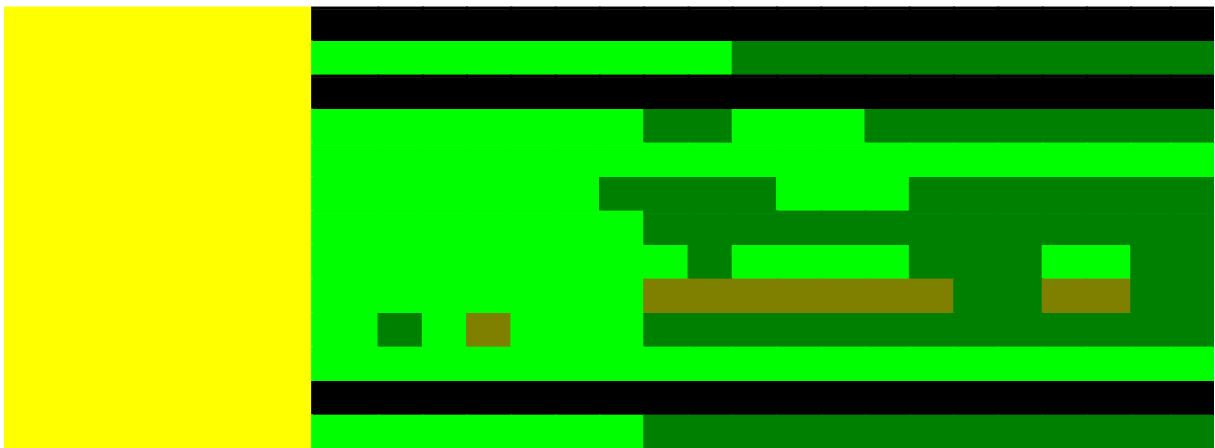


-

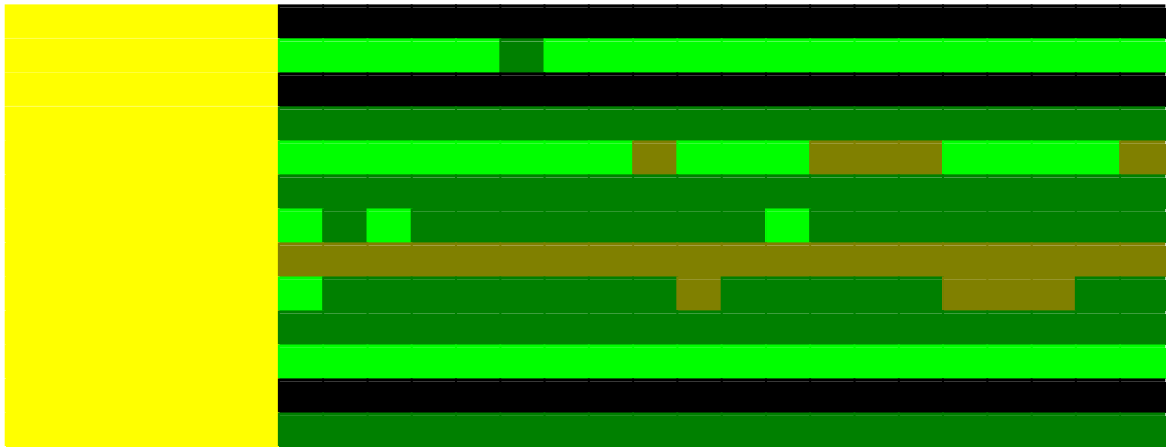
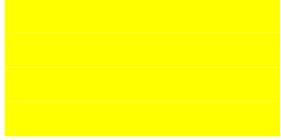
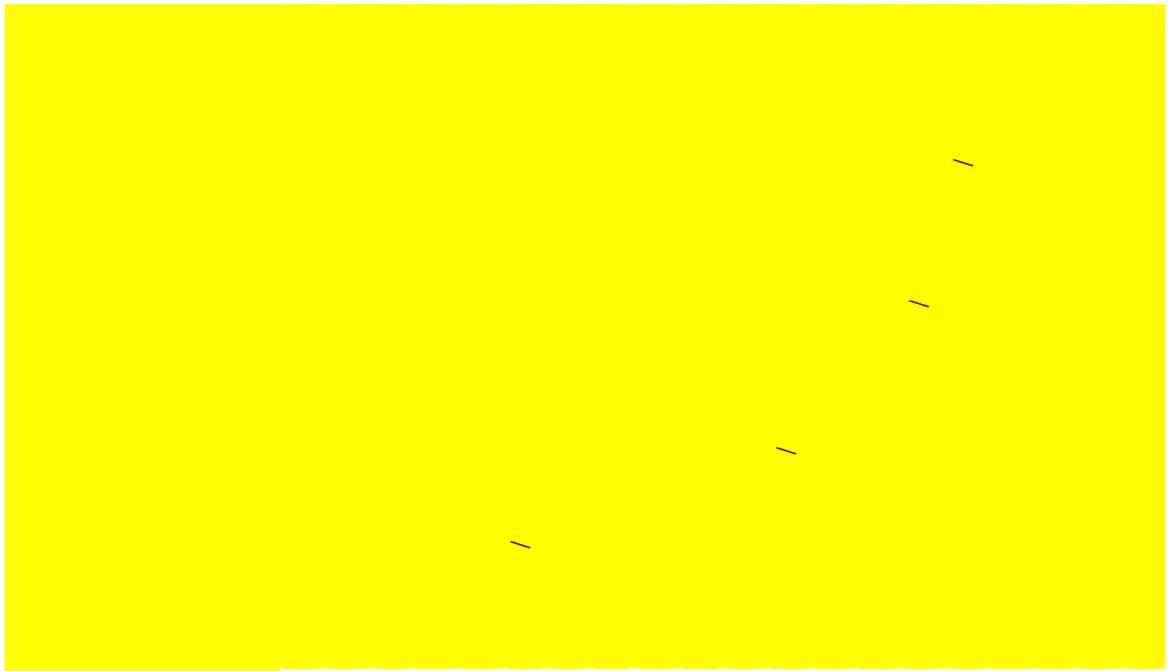


<http://www.itu.int/newsarchive> See ITU, "ITU Digital Access Index: World's first global ICT ranking". Available at: ( )  
[/press\\_releases/2003/30.html](http://www.itu.int/press_releases/2003/30.html)









- - -  
—

	:
	:
	:
	:
:	:
:	:
	/

-

) ( ) □ -
( ) / ( ) □
( ) / ( ) □
✓ □ -
□
□
_____ ( ) □
_____ □
_____ ( ) □
_____ □
_____ □
: ( ) / □ -
( ) / ( ) □
<u>http://</u> _____
<u>http://</u> _____
<u>http://</u> _____
( ) □
( ) / ( ) □
□

:					-
					( : )
					: )
					(
					/
					( )
					( ✓ )
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	( )
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(	(	(	(	(	( )
(	(	(	(	(	
(	(	(	(	(	
(	(	(	(	(	
					:
					:
					:
( )					-
					. ( ) /
					-
<input type="checkbox"/>	=	<input type="checkbox"/>	=	<input type="checkbox"/>	=
<input type="checkbox"/>	=	<input type="checkbox"/>	=	<input type="checkbox"/>	=
<input type="checkbox"/>	=	<input type="checkbox"/>	=	<input checked="" type="checkbox"/>	=
<input type="checkbox"/>	=	<input type="checkbox"/>	=	<input type="checkbox"/>	=

. " " ( ) " "						
" "			" "			
			/	( )		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	( ) -
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	) - (
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	/ -
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	) - (
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	) - (
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	/ -
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	/ -
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	-
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	) - (



✓					
<input type="checkbox"/>	=	<input type="checkbox"/>	=	<input type="checkbox"/>	=
( )					
		/	( )		
					)
					(
					)
					(
					/
					/
					/
					( )

-

.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- 
- 
-

- -

-

:( )

- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

( ) -							
							: ) (
							: ) (
							) ( ) (
							) (
( ) -							
. ( ) /							

