

هيئة الاتصالات وتقنية المعلومات  
Communications & Information Technology Commission



//

// :

\_\_\_\_\_

.

.

.

.



( ) ( )

( " " )

" "

//

:

//

[usf-sp@citc.gov.sa](mailto:usf-sp@citc.gov.sa) :

:

(

)

-

( )

(

-

)

( )

( / )

)







( ) ( )

:

.

. -

. -

:

.

. -

. - -

. - -

. -

. -

. - -

. - -

. - -

. - -

. - -

. -

. - -

. - -

. - -

. - -

. -

:

.

. -

. -

:

.

. -

. - -

. - -

. -

. - -

. - -

:

.

. -

. -



( ) ( )

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

.....

( ) : ( )



( ) ( )

: .

)

(" ")

("

.

.

.( " ")

. // (" ")

(" ")

.

.( " ")

// ( / )

(" ")

.

.

.

.





( ) ( )

---

.

:

■

.

■

.

■

.

■

.

· -

.

.

:( " " )

---

■

.

.

.



( ) ( )

■  
\_\_\_\_\_

■  
\_\_\_\_\_

■  
\_\_\_\_\_

■  
\_\_\_\_\_

■  
\_\_\_\_\_

■  
\_\_\_\_\_

■  
\_\_\_\_\_

/



( ) ( )

---

■  
:

( " " )

■  
:

■  
:

■  
:



( ) ( )

- .

:

:

■

.

:

■

.

:

■

)

.(

:

■

( )

:

■

-)

(

.



( ) ( )

■ ( ) :  
\_\_\_\_\_

■ :  
\_\_\_\_\_

( -)

■ :  
\_\_\_\_\_

■ :  
\_\_\_\_\_

■ :  
\_\_\_\_\_

■ :  
\_\_\_\_\_

( -)



( ) ( )

---

■  
\_\_\_\_\_

( ) :

( )

” ”

■  
\_\_\_\_\_

■  
\_\_\_\_\_ : ( ” ” )

( )

■  
\_\_\_\_\_ :



( ) ( )

\_\_\_\_\_ ■  
:

/

\_\_\_\_\_ ■  
:

/

\_\_\_\_\_ ■  
:" "

/

( )

( )

\_\_\_\_\_ ■  
:" "

/

( )

/

\_\_\_\_\_ ■  
:



( ) ( )

---

■ \_\_\_\_\_ :

/

■ \_\_\_\_\_ :

■ \_\_\_\_\_ :

■ \_\_\_\_\_ : (" ")

/

■ \_\_\_\_\_ :

■ \_\_\_\_\_ :





( ) ( )

---

.

.

.

.

.

.

( ) ( )

.

.



( ) ( )

---

• :

:

■

■

■

■

.( ( ) )

• -

:

■  
\_\_\_\_\_

.( ( ) )

■  
\_\_\_\_\_

■  
\_\_\_\_\_



( ) ( )

:

■

:

■

:

■

· - -



( ) ( )

( - )

:( - )					
			•	•	( )
			•	•	/ /
	•	•	•	•	
				•	
				•	
	•	•	•	•	
“	•	•	•	•	
“	•	•	•	•	
	•	•	•	•	
	•	•	•	•	
		•	•	•	/
		•	•	•	/
	•	•	•	•	

• - -



( ) ( )

:

.( )

■

.( )

■

.

■

.

■

.

■

.

■

.

■

.

■

/

■

.

.

■

.

■

... /

■

.-

( )

.( )

.( , % )



( ) ( )

) ( , )  
:( ) ( - ) .(

( ) :(- )							
,	,		,		, ,	, ,	
,	,		,		, ,	, ,	
,	,		,		, ,	, ,	
	,		,		,	, ,	
	,		,		,	, ,	
,	,		,		,	, ,	
	,		,		,	,	
	,		,		,	,	
,	,		,		,	, ,	
			,		,	,	
			,		,	,	
	,		,		,	,	
,	,	,	,		, ,	, ,	

( - )

( ) .  
( , ) ( , )  
( , ) . ( )  
. ( , )



( ) ( )

(% , )

.(% , )

(% )

( , )

( , )

( , )

( )

.( )

: ( - ) ( )										
	( , )	( , ) ( , )	( , ) ( , )	( , ) ( , )	( , ) ( , )	( ) ( , )	( ) ( )	( ) ( )	( )	
,						,	,	,	,	
, ,	, ,	, ,	, ,	,	, ,	,	,	,	,	
	,	,	,	,	,					
% ,	% ,	% ,	% ,	% ,	% ,	% ,	% ,	% ,	% ,	
	( % , ) , ,			( % , ) , ,						/

-



( ) ( )

. - -

(% )

( - )

( , )

( ) ( )

(% )

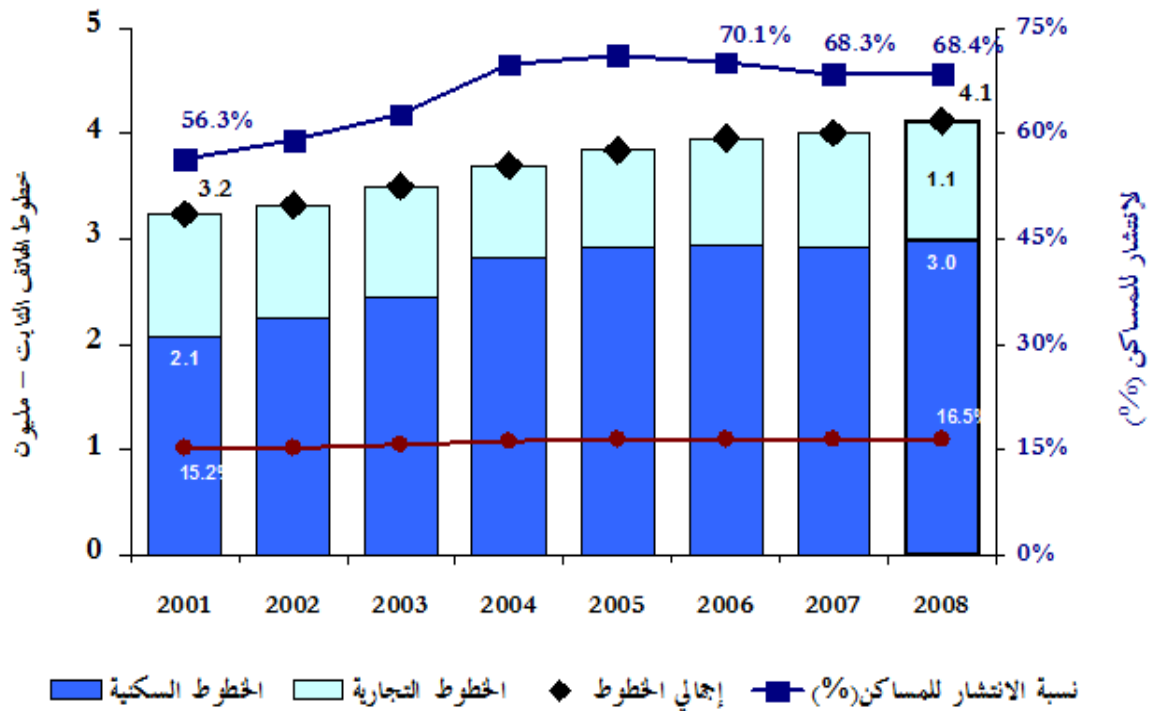
( )

( , )

( ) (% , )

( ) (% , )

( , )



( )

( )

( - )

( )

.





( ) ( )

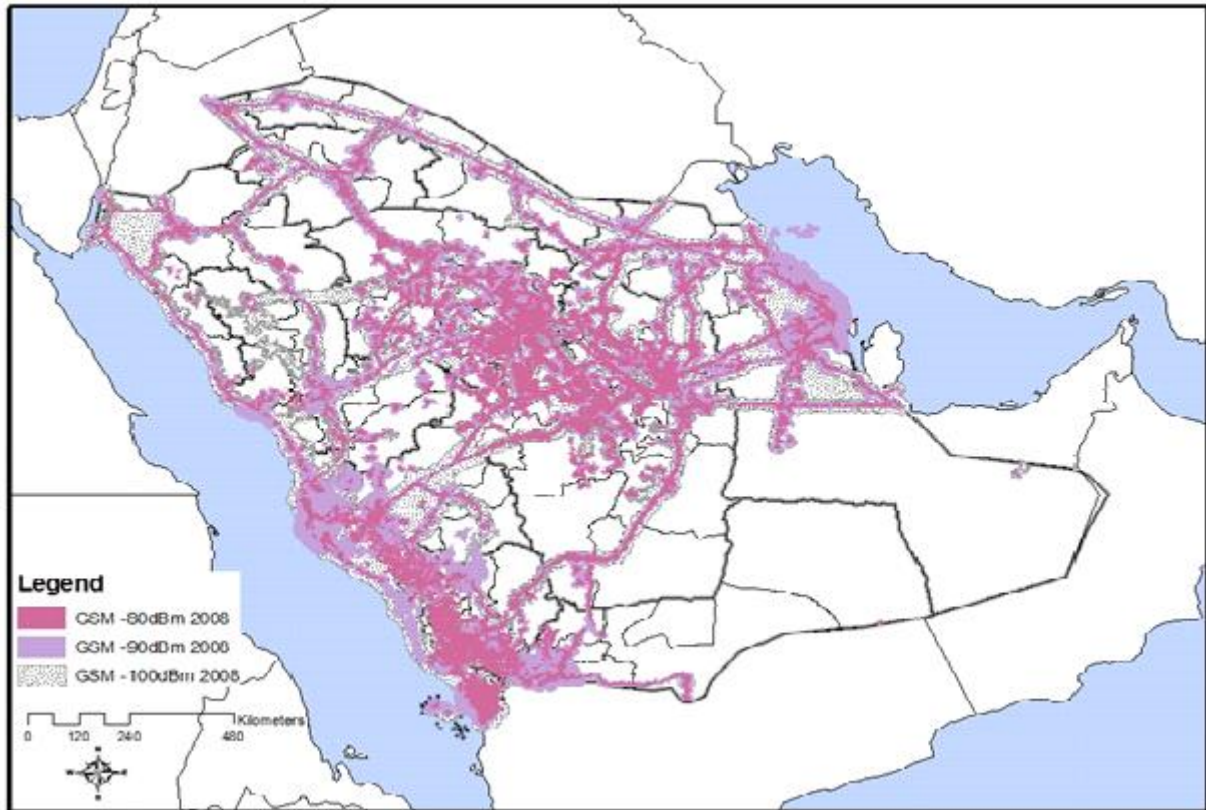
. - -

( )

(% , )

( , )

( - )



( )

:( - )

.( )



( ) ( )

( )  
: ( - )

( )		:( - )					
,	,	,	% ,	% ,	% ,	% ,	( -)
,	,	,	% ,	% ,	% ,	% ,	( -)
,	,	,	% ,	% ,	% ,	% ,	( -)

. - -

)

( - ) ( , ) ( ) ( ( % )

.(% )

% ) ( , )

.( ) ( , ) ( ) (

(% )

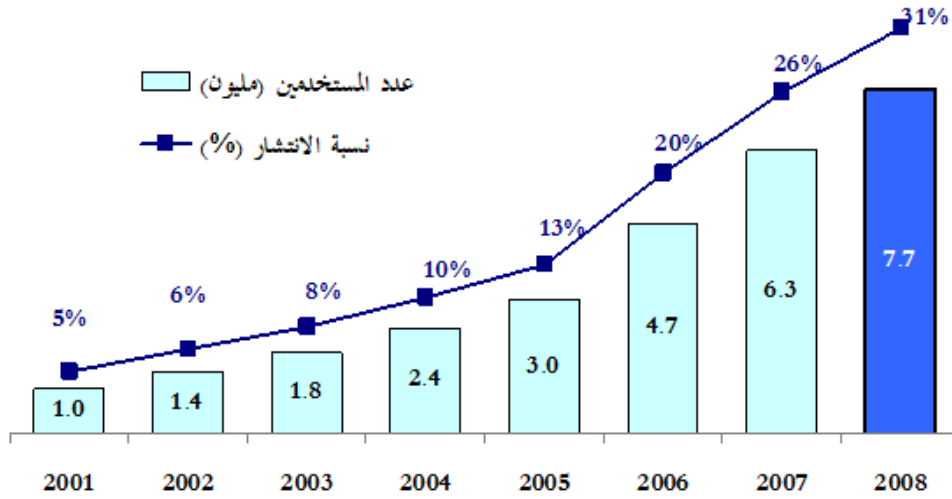


( ) ( )

(% )

( )

. ( )



( )

:( - )

( )

. ( )



( ) ( )

. - -

" ( )

)

"

(

)

.(

)

( )

(DSL)

(% )

( )

(

(% )

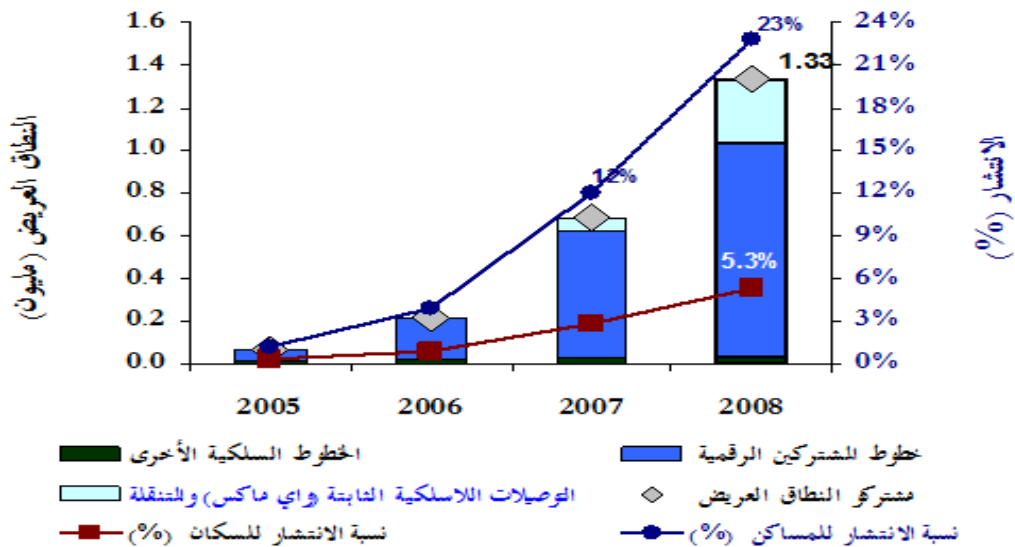
( , )

( )

( )

(% )

( - )



( ) ( ) : ( - )

( )

:

▪



( ) ( )

---

(ADSL)

( )

( )

( )

(% )

(% , )

(WiMAX)

( )

( )

(EDGE)

(Backbone)

(WiMAX)



( ) ( )

---

( )

( , )

. - -

:

( -) ■

( , )

( -) ■

( , )

( -) ■

( -) ■

:



( ) ( )

( )

■

:

( )

( )

(

( )

( )

(

( )

( )

(

/

:

: % + % = %

.(% ) = %

=%

=%

( - )

■

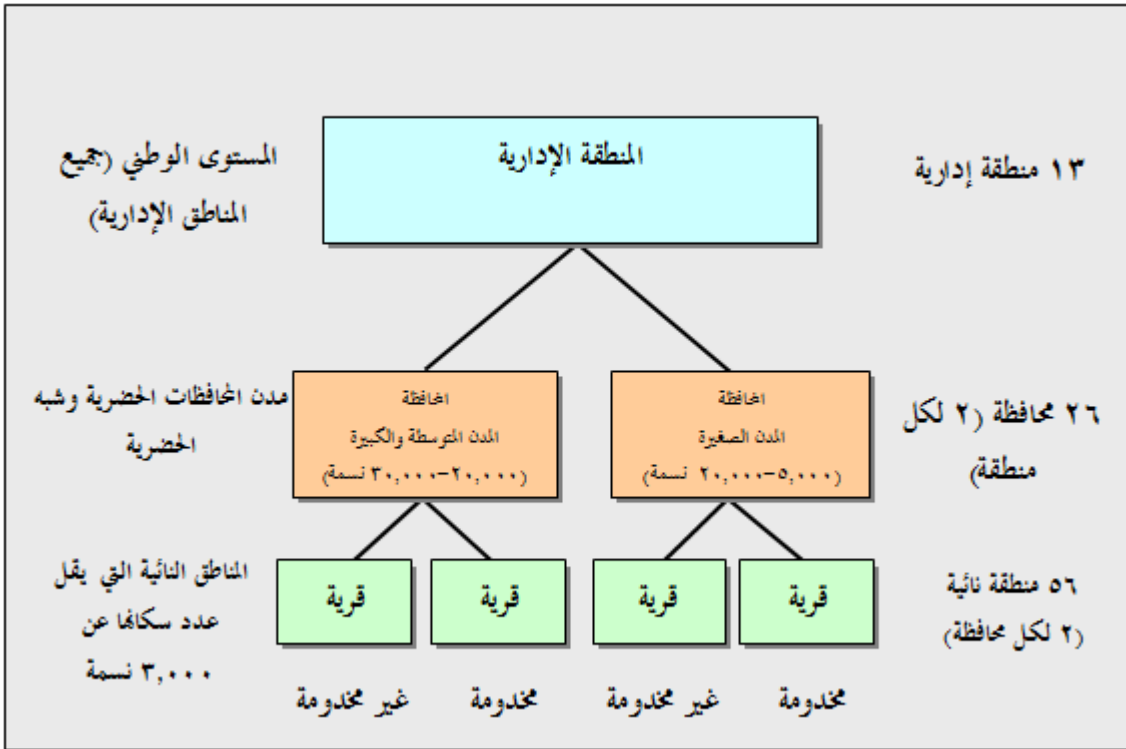
(" ")

-



( ) ( )

(% ) ( % )  
( - )



( - ) :

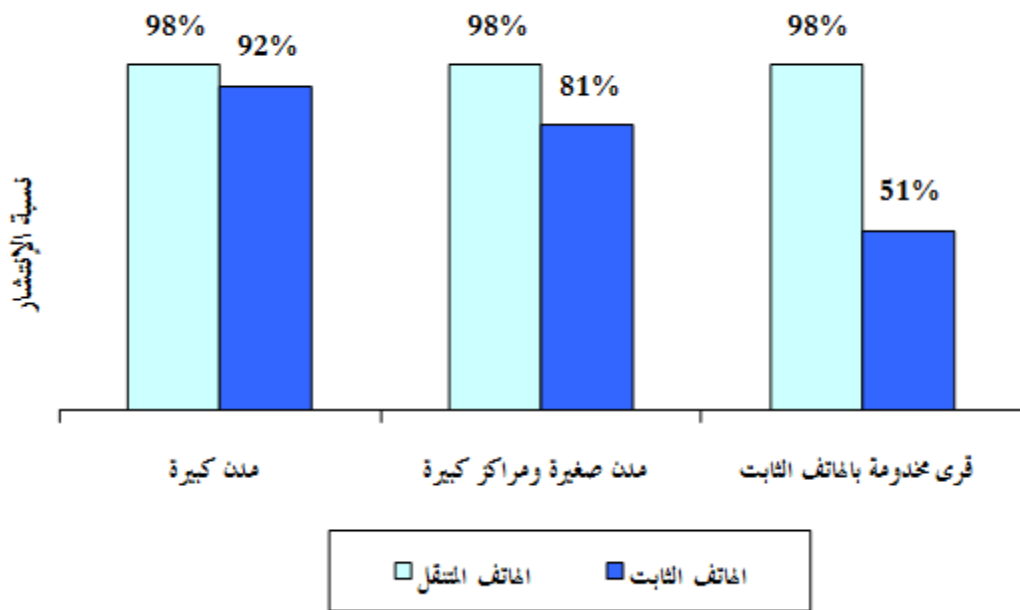
(% ) .





( ) ( )

( - )



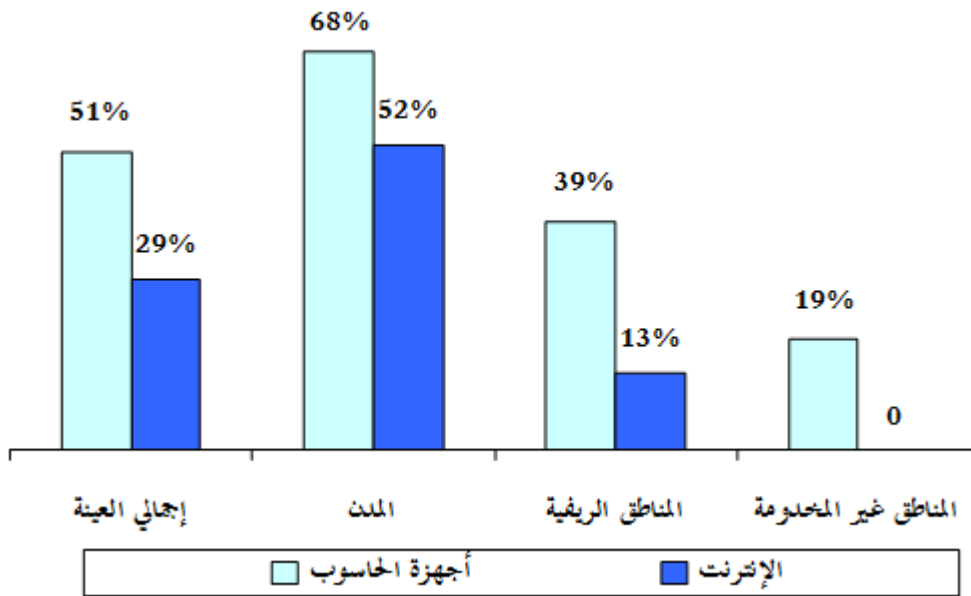
:( - )

( )



( ) ( )

( - )



:( - )

.( - )

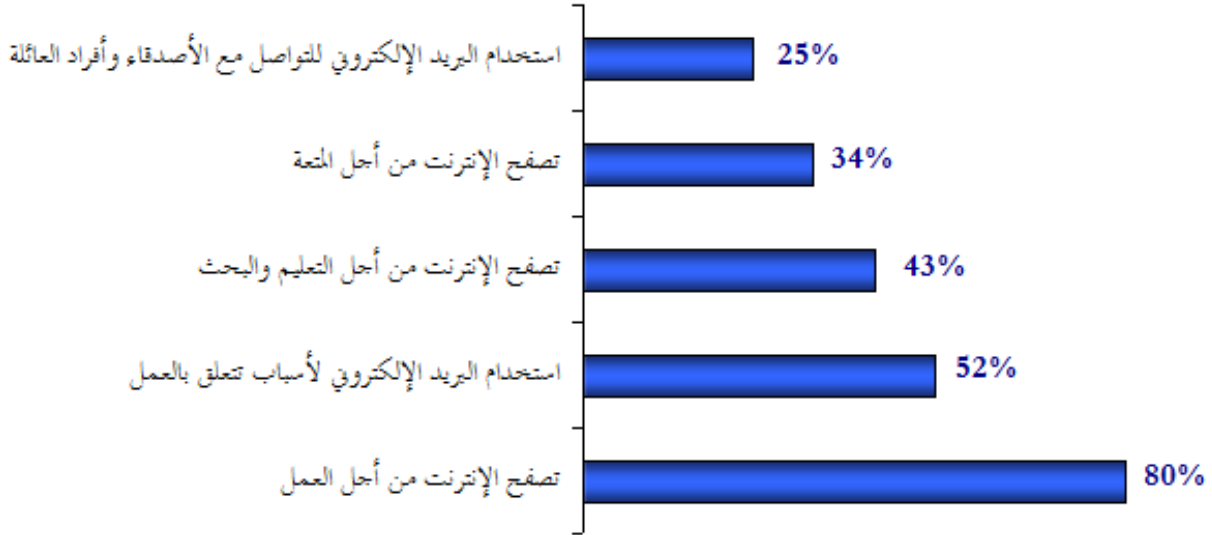
(% )

(% )

(% )

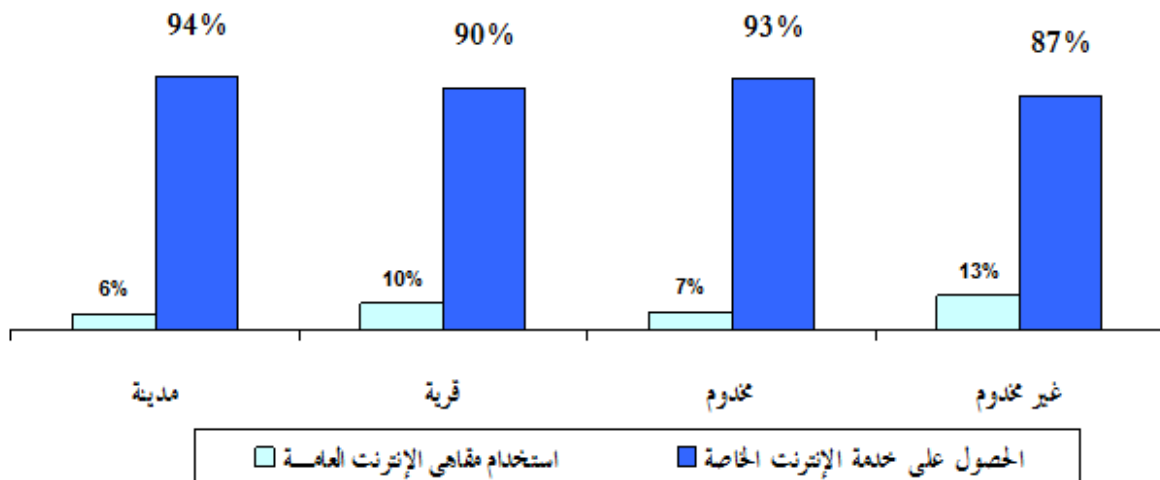


( ) ( )



:( - )

.( - )



:( - )



( ) ( )

(% - )

( - )

:

( , ) ( )

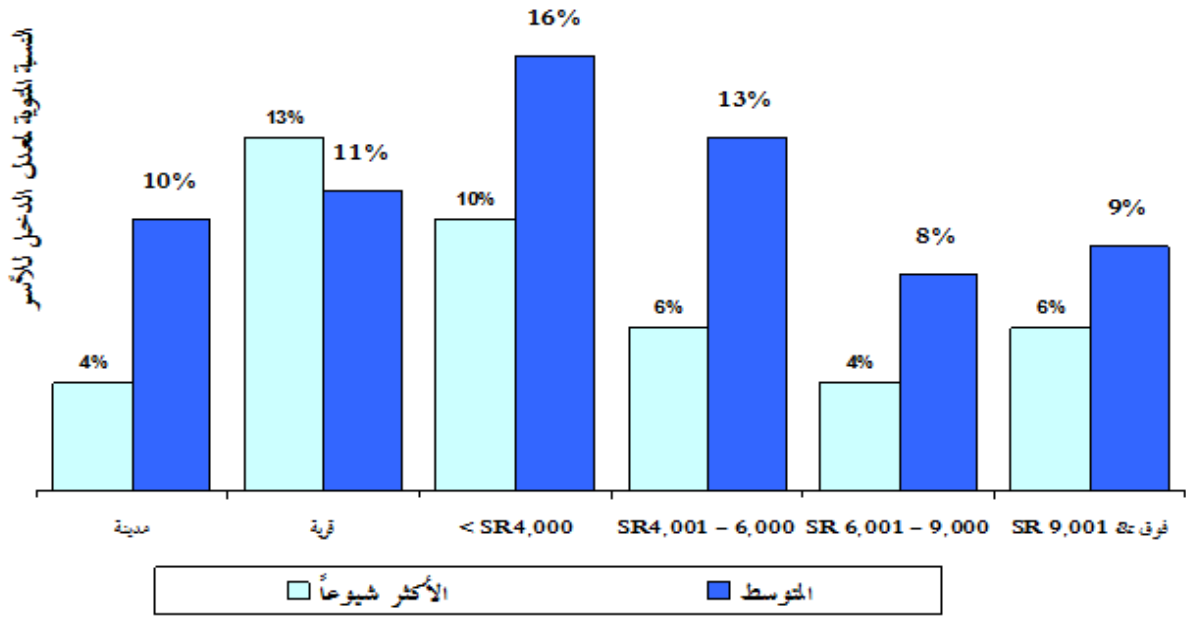
( ) ( )

( % ) ( % ) ( % )





( ) ( )



:( - )

(% )

.(% ) (% )

( )





( ) ( )

■

■

( - )

:( - )				
	( )			

( - )



( ) ( )

( ) :(- )					
	( )				
	( ) ✓	✓		✓	
				✓	
✓			✓	✓	
✓	( ) ✓	✓	✓	✓	
✓	( ) ✓	✓	✓	✓	
✓	( ) ✓	✓	✓	✓	
	( , ) ✓		✓		
✓	( ) ✓	✓	✓	✓	
✓	( ) ✓	✓	✓	✓	
✓		✓	✓	✓	
✓		✓	✓	✓	







( ) ( )

---

•

•

•

• -

•

■

•

■

•

■

•

■

•

■

•

•



( ) ( )

---

■

.

.

- - )

( , )

( -

.

:

:

\_\_\_\_\_

■

( , ) ( )

.

■

( )

.

:

\_\_\_\_\_

■

( , ) ( )

.

■

( )

.



( ) ( )

---

:

■

( , )

.

.

• -

:

■

.

■

.

■

.

■

.

■

.

:



( ) ( )

---

\_\_\_\_\_ :  
■

( ) :

( ) □

. ( , ) ( )

( ) □

. ( , )

■

( )

.( )

\_\_\_\_\_ :  
■

( ) :

( ) □

. ( , ) ( )

( ) □

. ( , )

■

( )

.( )



( ) ( )

( )

( )

(DSL)

( )

( )

( )

( )

( )



( ) ( )

---

: .

)

.(

)

(

.

. -

.

. - -

(% , )

(% , ) ( )

( )

( - ) .

.( )



( ) ( )

:( - )				
( ) ( )	( ) ( )	( ) ( )	( ) ( )	
% ,	% ,	% ,	% ,	( )
% ,	% ,	% ,	% ,	( , )
% ,	% ,	% ,	% ,	
	-			( ) (% )
	-			(% )
	-			( ) (% )
	-			(% )

( - )

( , )







( ) ( )

( )							:( - )	
% ,	% ,	% ,	,	,		( )	( )	( )
% ,	% ,	% ,	,	,	,	( )	( )	( )
% ,	-	% ,	,	-	,	-	( , )	( )

( , )

(% )

( - )

:



( ) ( )

( )		:( - )
% ,		( , )
% ,	,	( , )
% ,	,	

( - )

:

		:( - )
	(% )	
,		
,		
,		
,		
,		

. - -

( )

\_\_\_\_\_



( ) ( )

: ( - )

( )		:( - )	
( )	( )	( )	( )
% ,	-		( , )
% ,	-		( , ) ( )
% ,	,	-	( , ) ( )
% ,	-		( )
% ,	,	-	( )
% ,	-		( , )
% ,	-		( , ) ( )
% ,	,	-	( , ) ( )
% ,	-		( )
% ,	,	-	( )

( , )

(% )



( ) ( )

:

.

( )

( ) ( , )

( )

/

.

.

.

.



( ) ( )

---

• :

•  
:

■

■

■

■

-

:

:

:

■

■

■

■

■



( ) ( )

:

:

- 
- 
- 

( - - )

( , )

: . - -

( - )

:

:( - )				
	% ,	,	( )	
	% ,	,	( )	
	-	-	-	

.( - - )



( ) ( )

: . - -

( - )

:

:( - )				
	% ,		( , ) ( )	
	% ,	,	( , ) ( )	
	% ,	,	( , )	

: . - -

( - )

:

:( - )				
		( )		
	% ,	,	( )	
	% ,	,	( )	

.( - - )



( ) ( )

: . - -

( - )

:

:( - )				
		( )	( )	( )
	% ,	-		( , )
	% ,	-		( , ) ( )
	% ,	,	-	( , ) ( )
	% ,	-		( )
	% ,	,	,	
	% ,	-		( , )
	% ,	-		( , ) ( )
	% ,	,	-	( , ) ( )
	% ,	-		( )
	% ,	,	,	

: . - -

:





( ) ( )

:

■

:

■

:

■

/

· -

( - - )

( , )

:

· - -

:

( - )



( ) ( )

:( - )									
							( )	( )	
	% ,	% ,	% ,	,	,		( )	( , ) ( )	
	% ,	% ,	% ,	,	,	,	( )	( , ) ( )	
	% ,	-	% ,	,	-	,	-	( , )	

: . - -

: ( - )

:( - )						
		( )	( )		( )	
	% ,	-			( , )	
	% ,	-			( , ) ( )	
	% ,	,	-		( , ) ( )	
	% ,	-			( )	
	% ,	,	-		( )	
	% ,	,	,	/		
	% ,	-			( , )	
	% ,	-			( , ) ( )	
	% ,	,	-		( , ) ( )	
	% ,	-			( )	
	% ,	,	-		( )	
	% ,	,	,	/		



( ) ( )

: . - -

. ( - - )

. -

( - )

:( - )			
( )	( )	( )	
,	,	,	

( - )

:( - )		
( )	( )	
,	,	

. -



( ) ( )

---

. - -

. ( - ) ( - )

.

.

.

:

(

.

( )

.

( )



( ) ( )

---

(

)

.(

(

(

( - - )

.

:

( )

(

.

(

.

(

.

(

.



( ) ( )

---

. - -

.

.

.

.

.

.

.

:

■

.

■

.

■

.



( ) ( )

---

■

.

.

. - -

.

.

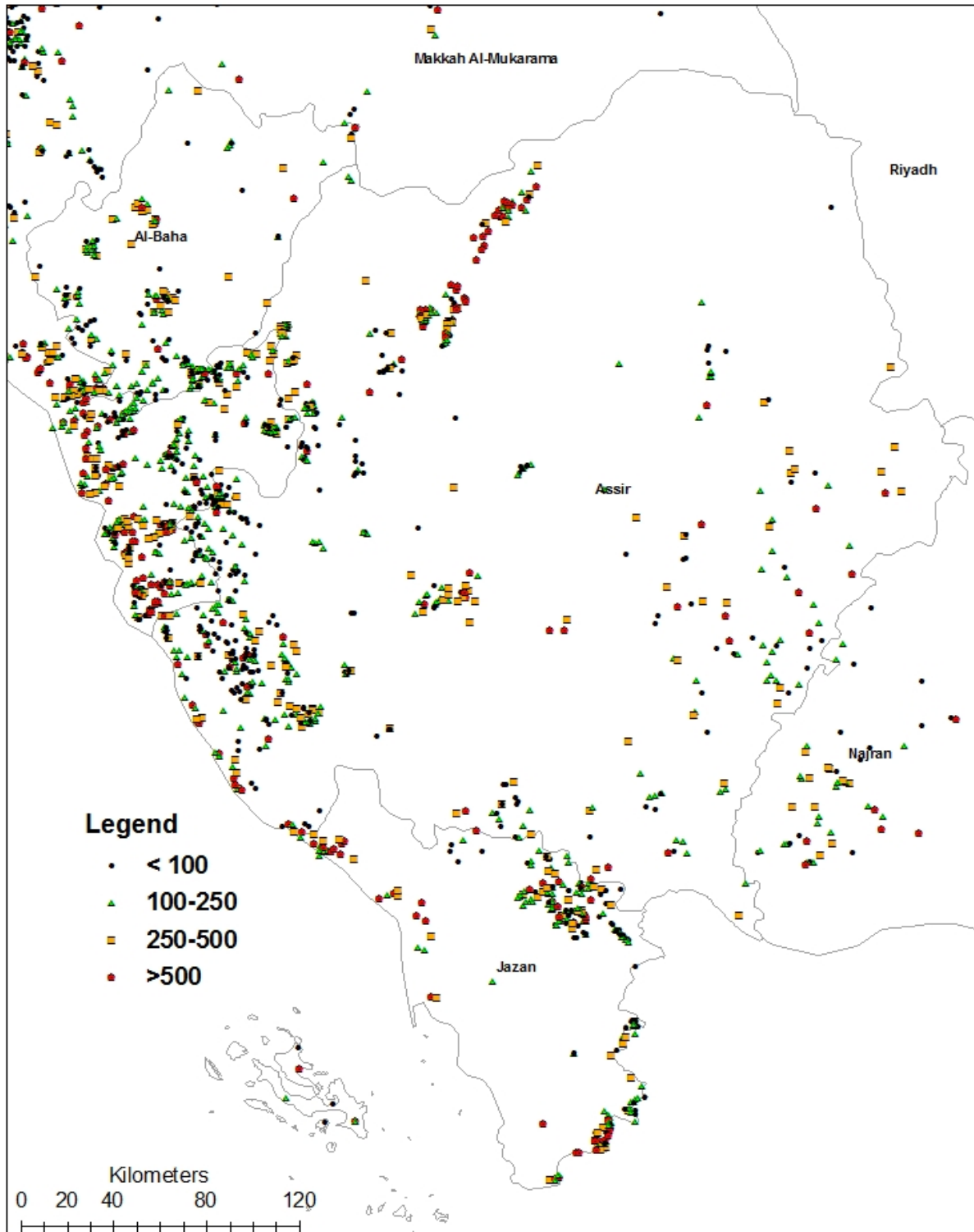
( )

( - )

.



( ) ( )



:( - )





( ) ( )

---

. -

.

.

.

.

.

.

. -

.

:

/



( ) ( )

---

.

■

■

.

■

.

.

.

.

.

.



( ) ( )

)

( - )

(

.

/

( - - )

( - - )

.

.



( ) ( )

• •

•

•

• -

•

•

• - -

•

•

• - -

•

•

■

•

( - - )

■

•



( ) ( )

---

. - -

. - -

:

■

■

■

■

■



( ) ( )

---

■

:

■

■

:

■

· - -

:

■

■

■

■



( ) ( )

---

■

" " ■

" " ■

" " ■

( )

" " ■

■



( ) ( )

---

■

.

.

· - -

.

.

:

■

■

■

· - -

.

---

· (" ")





( ) ( )

---

.

:

.

■

■

■

.

.

.

■

---

:

:

.

■

■

.

:

:

■

.

□

:

:

□

.

◇

◇

.

◇

.





( ) ( )

---

. - -

:

■

■

■

□

□

□

. - -

.( )

( )



( ) ( )

/

.

.

.

. - -

.

.

.

:

■

)

.(

■

.

■



( ) ( )

---

( ) ( )

■

■

■

■

:

■

■



( ) ( )

---

. - - -

.

.

. - - -

.

. - - -

.

.( - - )

. - - -

.

. - - -

.

.



( ) ( )

---

. - - -

:

.

■

.

■

. - - -

.

.

. - - -

.

:

:

.

■

.

■

■

.



( ) ( )

---

. - - -

.

.

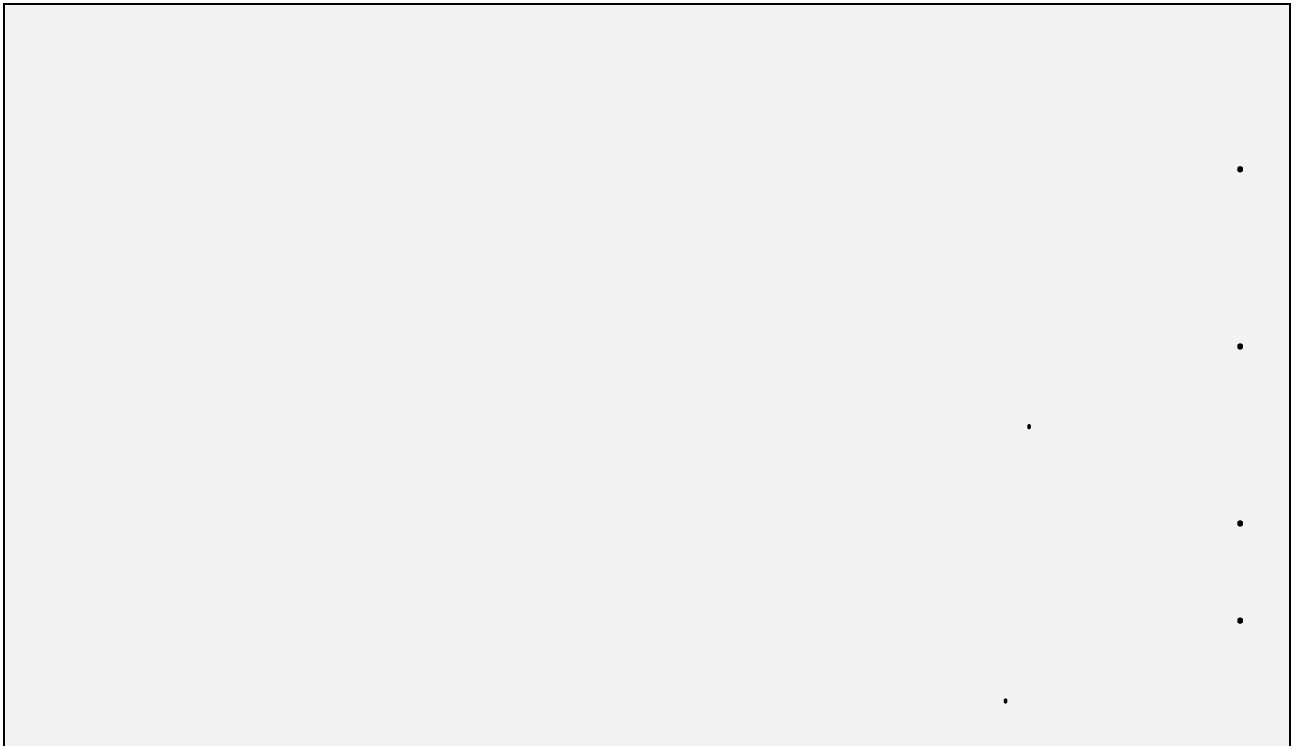
. - - -

.





( ) ( )





( ) ( )

---

•  
•

•

•



( ) ( )

		G
		G
(IMT- )		G
(HSDPA)		G
( )		ADSL
( )		ArcView
(ESRI)		CAPEX
		CDS
		dBm
" "		DSL



( ) ( )

		EDGE
(GSM)		
(ESRI ArcGIS)	(ESRI)	ESRI ArcGIS
	(WiMAX)	FWA
(ArcGIS) (ESRI)		GIS
(GSM)		GSM
		ICT services
		ISP
		ITU
( )	(	Kbps



( ) ( )

		OECD
		OPEX
) " .( )		QoS
		RFP
		USB
.( / )		USF
		WiMAX



( ) ( )

---

( )

:( )