

2007-1997

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2009 /

2006

.2009 - 1430 ©

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.2009

- .2007-1997

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- **1647** . .

(970/972) 2 2982700 :

(970/972) 2 2982710 :

diwan@pcbs.gov.ps :

<http://www.pcbs.gov.ps> :

.(EU)

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2007

1997

2009

.1967

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| | |
|-----------|-----|
| 21 | : |
| 22 | 1.1 |
| 22 | 2.1 |
| 23 | 3.1 |
| 25 | : |
| 27 | : |
| 28 | 1.3 |
| 32 | 2.3 |
| 45 | : |
| 45 | 1.4 |
| 45 | 2.4 |
| 46 | 3.4 |
| 48 | 4.4 |
| 57 | : |
| 57 | 1.5 |
| 58 | 2.5 |
| 63 | : |
| 63 | : |
| 65 | : |
| 67 | |
| 73 | |

| | | | | |
|-----------|------|-----------|----------------|------------|
| 37 | 2005 | | | :1 |
| | | | 2007 2006 | |
| 38 | | | | :2 |
| 39 | | | | :3 |
| | | | 2008 1998 | |
| 40 | | | | :4 |
| | | | 2008 1998 | |
| 41 | | 2007 | | :5 |
| 43 | | 2007 | | :6 |
| 44 | | 2008 1998 | | :7 |
| 44 | | 2007 | | :8 |
| 46 | | | | :9 |
| | | | 2007 1997 | |
| 48 | | | | :10 |
| 49 | | | | :11 |
| 49 | | | | :12 |
| 51 | | | | :13 |
| | | | 2009 2007 1997 | |
| 59 | | | | :14 |
| | | | 2007 | |
| 60 | | | | :15 |
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| 60 | | | | :16 |
| | | | 2007 | |
| 61 | 2007 | | | :17 |
| 61 | | | | :18 |
| | | | 2007 | |

| | | |
|----|-----------|-----|
| 37 | | :1 |
| 42 | 2007-1998 | : 2 |
| 53 | | :3 |
| 54 | | :4 |
| 56 | ADSL | :5 |

69

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2007 2006

70

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| | | | | | | | |
|-----------|------|-------|-------|-------|---------|-------|------|
| | | | | | | :2007 | 1997 |
| | | .%198 | 100 | | | : | • |
| 1,021,481 | | | | 2007 | | 10 | |
| | 100 | | 27 | | | .2007 | |
| | 100 | 8.85 | 2007 | 335 | | | |
| | | | | | | : | • |
| 166,975 | | | | .2009 | | %47.5 | |
| | | | | 2007 | 382,394 | | |
| | 2009 | | %92.4 | | | | |

| | | | | |
|-------|-------|-------------|-------|---------|
| | | 311,665 | | |
| ADSL | | 152,054 (J1 |) | |
| (J1 |) | | .2008 | 72, 518 |
| | | | %73.4 | 60,541 |
| | %42.9 | | | : |
| .2007 | | | %63.5 | • |
| | | | %19.2 | |
| | | | | %.13.5 |
| 4-0 | | %16.4 | %83 | 10 |
| | %43.3 | | | |
| | | (ADSL) | | |
| .2007 | | | %40.7 | |

1997

2007

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(OECD)

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(ITU)

1 OECD, The Economic Impact of ICT, 2004.

².2009
(ICT)

1.3

1.1.3

³(ESCWA, 2007)

.1990

22

2005 1996

50

9.5

100

25

100

6.5

100

%6.5

2005

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2000

%0.9

.%15.2

⁴(UNCTAD) 2009

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.2008

wireless technologies

² <http://www.itu.int/en/pages/default.aspx>

:2007

3

<http://www.escwa.un.org/arabic/divisions/main.asp?division=ictd>

⁴ The Information Economy Report 2009: Trends and Outlook in Turbulent Times:

<http://www.unctad.org/Templates/webflyer.asp?docid=11915&intItemID=1397&lang=1&mode=downloads>

broadband

2008

⁵2009

128

1024

⁶(ITU, 2009)

3G

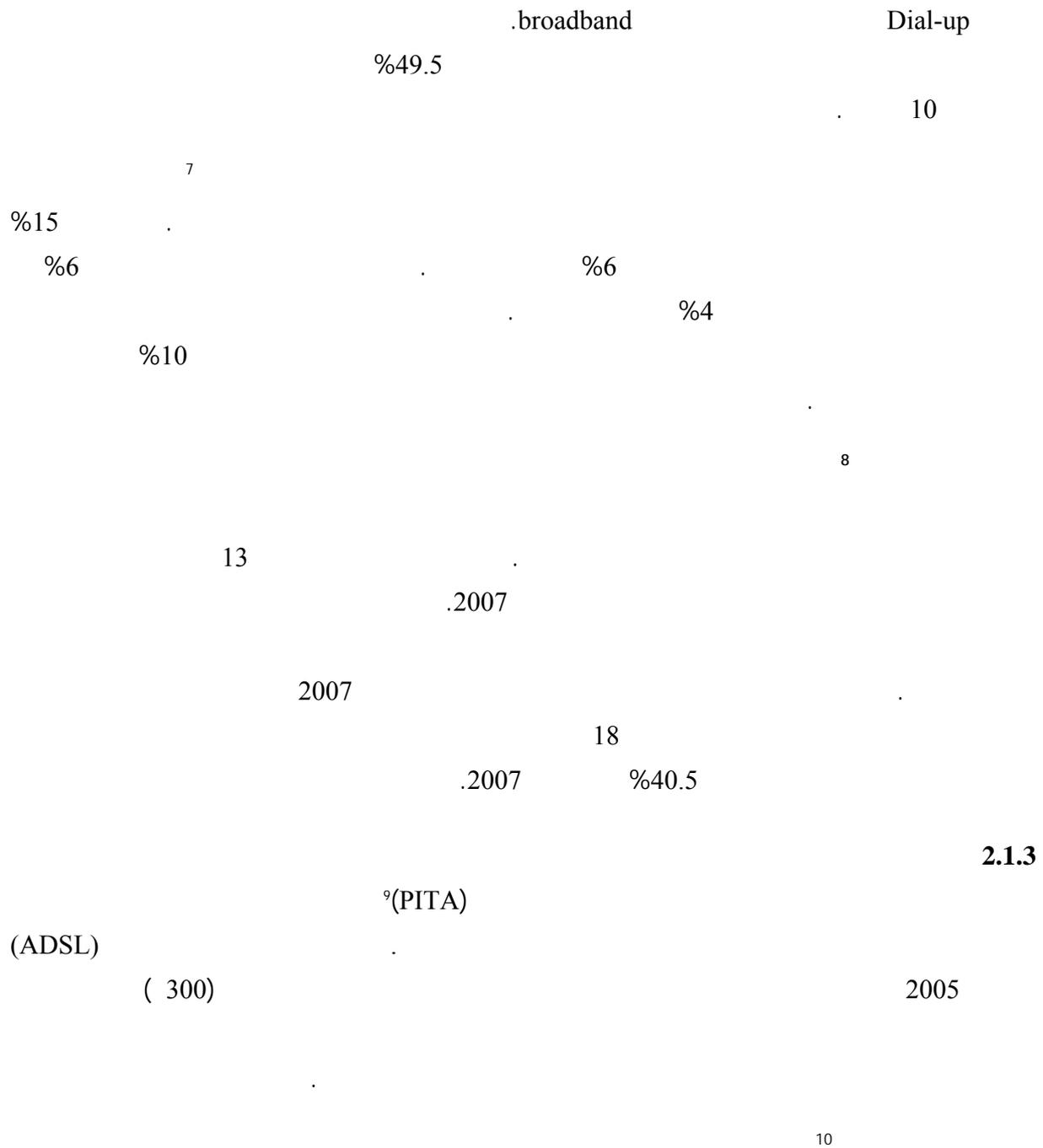
2009

- ()

5

<http://www.mbrfoundation.ae/Arabic/Knowledge/Pages/AKR.aspx> :

6 MEASURING THE INFORMATION SOCIETY – THE ICT DEVELOPMENT INDEX, 2009 EDITION: <http://www.itu.int/publ/D-IND-ICTOI-2009/en>



availability in villages and rural areas, ITU, 2008. and Communication Technology Measuring Information 7

[http://www.madarresearch.com/journal/estatdetail.aspx?estatid=7:](http://www.madarresearch.com/journal/estatdetail.aspx?estatid=7) 8

The Palestinian ICT Sector, A Three – Year Outlook, Based on Economic Indicator, PITA, May 2009. 9

10

2006 2000

2007 1997

:11

:2004

()

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:2006

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:2006

.2006 2004

:2007

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: 2007

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2007

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2.3

¹²2007 1997

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1994

2.2.3

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(

2006

2004

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1995

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¹⁴ 20

(1997

.1967

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2000

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2009

¹⁵(2007•2003)

.2008

5

www.paltel.ps 13

14

: . 120

ESCWA, 2003 and 2007 15

2007

3.2.3

60

%98.5

2007

()

.2007

279

1994

42

3500

2006

.2006

274

4.2.3

(ESCWA, 2003,2007)

1997

: ¹⁸2007-1997

1.4.2.3

%16.1
.2006

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- 2006

2007

%.9.2

2007 2006

.(1

) 2005

2007

.2008

()

ITU

2007 2006 2005

:(1)

| 2007-2006 | % | 2006-2005 | % | 2007 | 2006 | 2005 |
|-----------|---|-----------|---|------|------|------|
| -2.67 | | 22.28 | | 2.19 | 2.25 | 1.84 |
| 31.91 | | 51.61 | | 0.62 | 0.47 | 0.31 |
| 18.18 | | 27.91 | | 0.65 | 0.55 | 0.43 |
| 42.86 | | 22.50 | | 0.70 | 0.49 | 0.40 |
| 27.69 | | 23.81 | | 1.66 | 1.30 | 1.05 |
| 25.51 | | 20.99 | | 1.23 | 0.98 | 0.81 |
| 25.00 | | 20.00 | | 0.30 | 0.24 | 0.20 |
| 15.74 | | 18.68 | | 1.25 | 1.08 | 0.91 |
| 9.23 | | 16.07 | | 0.71 | 0.65 | 0.56 |
| -6.08 | | 13.84 | | 1.70 | 1.81 | 1.59 |
| 5.80 | | 7.81 | | 0.73 | 0.69 | 0.64 |
| -11.00 | | 5.26 | | 1.78 | 2.00 | 1.90 |
| 6.43 | | -0.71 | | 1.49 | 1.40 | 1.41 |

.()

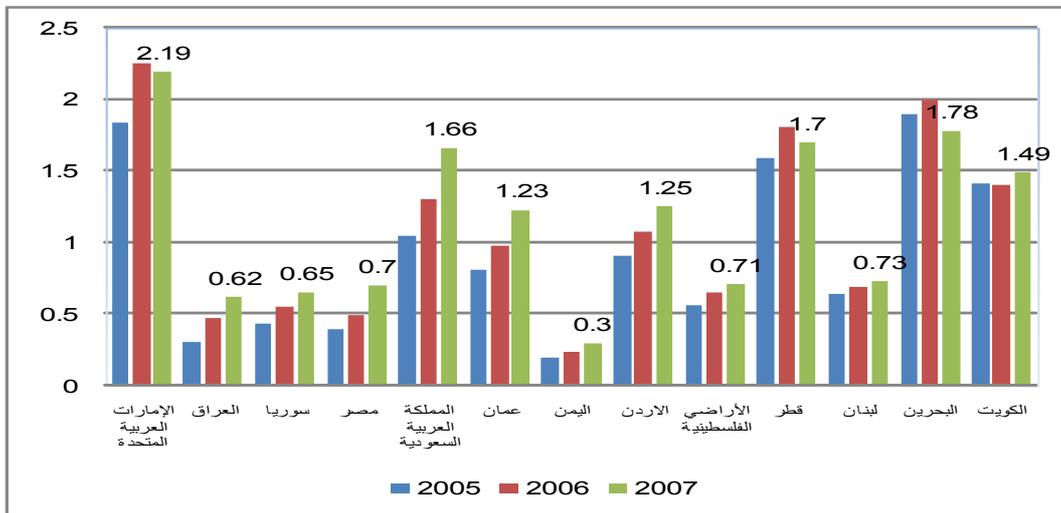
:

(1)

2007

.2007 2006 2005

:(1)



.2007 ()

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2007

2006 2005

2006 – 2005

.2007 2005

2007 2006

.2007

:(2)

| % | | % | | % | | % | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| -2006 2007 | -2005 2006 | -2006 2007 | -2005 2006 | -2006 2007 | -2005 2006 | -2006 2007 | -2005 2006 | |
| 43.72 | 10.00 | 9.18 | 9.86 | 42.61 | 21.73 | 6.21 | 4.66 | |
| 14.72 | 4.49 | 13.71 | 9.38 | 44.50 | 93.38 | 27.27 | 10.00 | |
| 19.04 | 15.87 | 14.97 | 29.17 | 35.65 | 48.65 | 4.55 | 13.68 | |
| 43.67 | 17.95 | 43.67 | 20.00 | 70.27 | 40.17 | 8.26 | 3.92 | |
| 20.30 | 13.03 | 20.30 | 9.42 | 44.40 | 46.65 | 2.56 | 2.63 | |
| 17.76 | 10.53 | 24.16 | 6.43 | 37.52 | 36.37 | -1.25 | 2.36 | |
| 18.11 | 18.75 | 18.11 | 11.76 | 35.88 | 40.17 | 5.54 | 7.42 | |
| 22.14 | 5.45 | 38.36 | 6.00 | 14.81 | 31.05 | -17.44 | 7.78 | |
| 5.21 | 2.70 | 5.24 | 5.00 | 18.60 | 34.90 | 2.67 | -2.34 | |
| 76.00 | 11.11 | 75.00 | 9.09 | 37.00 | 28.33 | 11.52 | 5.65 | |
| 10.64 | 3.92 | 10.65 | 5.63 | 8.19 | 11.18 | 3.43 | 11.67 | |
| 14.49 | 5.71 | 33.06 | 8.77 | 34.30 | 7.78 | 3.70 | 0.69 | |
| 23.38 | 9.09 | 23.38 | 9.10 | 9.65 | 6.30 | 0.45 | 1.88 | |

.()

:

2.4.2.3

%98

(3)

%198.4

.2007 1997

348,788

¹⁹.1997

116,892

2007

2008 1998

:(3)

| معدل النمو % | | 2008 | | 1998 | | |
|--------------|-------|--------------|------------------|--------------|-----------------|--|
| 100 | | 100 | () | 100 | () | |
| 11.9 | 39.6 | 28.37 | 220.0 | 25.36 | 157.6 | |
| 277.3 | 200.5 | 14.64 | 11936.0 | 3.88 | 3971.5 | |
| 28.1 | 66.5 | 3.60 | 1082.3 | 2.81 | 650.0 | |
| -5.2 | 14.9 | 45.72 | 3224.0 | 48.22 | 2807.0 | |
| -22.9 | 1.6 | 8.46 | 519.0 | 10.97 | 510.9 | |
| -14.8 | 26.6 | 18.53 | 541.0 | 21.74 | 427.3 | |
| 16.0 | 32.5 | 17.88 | 750.0 | 15.41 | 566.0 | |
| 3.7 | 24.6 | 9.84 | 274.2 | 9.49 | 220.0 | |
| 46.9 | 108.0 | 8.39 | 348.0 | 5.71 | 167.3 | |
| -22.4 | 75.0 | 20.56 | 263.4 | 26.49 | 150.5 | |
| 48.0 | 89.2 | 16.27 | 4100.0 | 10.99 | 2167.0 | |
| 81.6 | 125.8 | 0.89 | 366.2 | 0.49 | 162.2 | |
| 81.9 | 146.0 | 17.12 | 3633.4 | 9.41 | 1477.0 | |
| 6.4 | 64.8 | 33.63 | 1508.3 | 31.61 | 915.2 | |
| 235.9 | 347.7 | 4.87 | 1117.0 | 1.45 | 249.5 | |
| -- | -- | 18.48 | 1252405.6 | 14.07 | 839237.9 | |

20

ITU

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2006

2007

)

2008 1998

(3)

%46.9

100

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5.7

100

3.4.2.3

2000

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2009

2007 2005 %79.1

570,000 2007 1,021,000 .2005

%37.7 %50

2007 2006 %18.6 .2006 2005

2006

2007 %18.1

%124.5 2007 %131.6 .2006

2008 1998

:(4)

| 2008 | | 1998 | | |
|--------|-----------|-------|----------|----|
| 100 | () | 100 | () | |
| 180.51 | 1400.0 | 14.81 | 92.1 | |
| 50.62 | 41272.5 | 0.13 | 90.8 | |
| 58.24 | 17529.0 | 0.08 | 20.0 | * |
| 127.38 | 8982.0 | 36.88 | 2147.0 | |
| 86.60 | 5313.6 | 1.77 | 82.4 | |
| 99.59 | 2907.0 | 12.72 | 250.0 | |
| 34.03 | 1427.0 | 13.76 | 505.3 | |
| 115.58 | 3219.3 | 4.23 | 98.0 | |
| 27.80 | 1153.0 | 3.42 | 100.0 | |
| 131.39 | 1683.0 | 11.57 | 65.8 | |
| 142.85 | 36000.0 | 3.18 | 627.3 | |
| 29.0 | 11991.5 | 0.03 | 8.6 | |
| 33.24 | 7056.2 | 0.02 | 4.0 | ** |
| 208.65 | 9357.7 | 17.04 | 493.3 | |
| 16.14 | 3700 | 0.09 | 16.1 | |
| 59.62 | 4037762.9 | 5.34 | 318370.6 | |

ITU

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1999 **

2002 *

4.4.2.3

2006
%15 4.98 2007 4.31

5.4.2.3

2007 %5.95

2005

2007

% 8.1

2007

:(5)

| 2007-2005 | 2007 | 2006 | 2005 |
|------------------|-------------|-------------|-------------|
| 58.1 | 1,580,900 | 1,100,000 | 1,000,000 |
| 19.9 | 935,000 | 815,000 | 780,000 |
| 37.9 | 869,000 | 730,000 | 630,000 |
| 69.5 | 3,304,300 | 2,300,000 | 1,950,000 |
| 36.0 | 3,548,800 | 2,950,000 | 2,610,000 |
| 30.2 | 247,300 | 210,000 | 190,000 |
| 40.3 | 448,800 | 380,000 | 320,000 |
| 28.8 | 708,400 | 580,000 | 550,000 |
| 8.1 | 199,900 | 190,000 | 185,000 |
| 95.6 | 352,000 | 200,000 | 180,000 |
| 15.0 | 586,400 | 530,000 | 510,000 |
| 21.0 | 211,800 | 185,000 | 175,000 |
| 34.6 | 740,300 | 600,000 | 550,000 |

.() :

6.4.2.3

1997

1997

(970)

GSM

1998 .ITU

2004

2004

(SFI)

2005

ADSL

2005

.1998

521

ADSL

(7534) 2005

.²¹2007

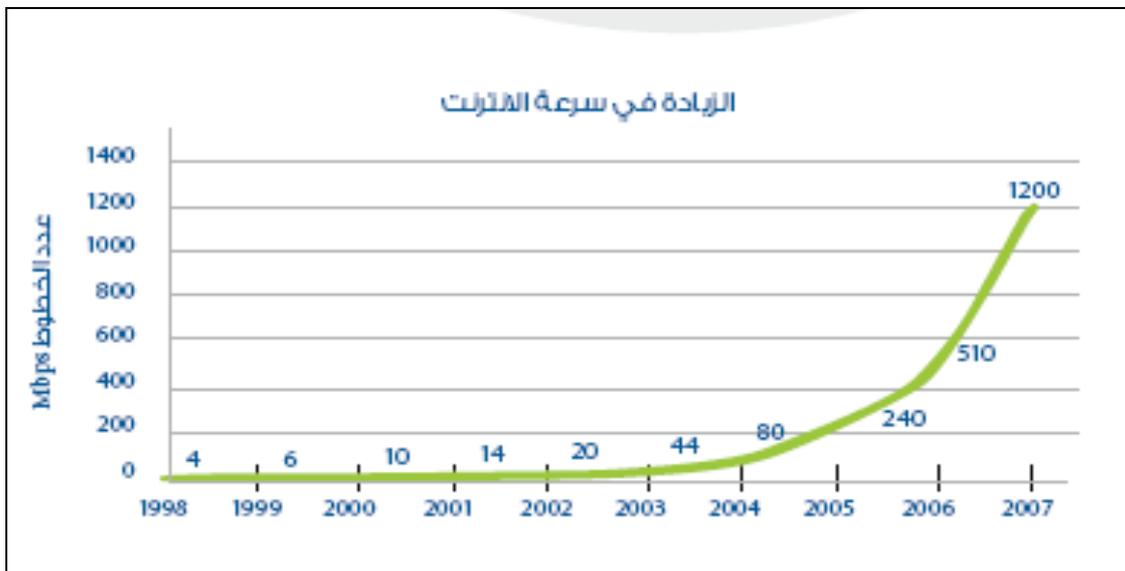
55,684

ADSL

dial-up

2007-1998

: (2)



.2007

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7.4.2.3

2007

552.5

.2006

%5.2

.2007

%13.8

.2007

21

2007

10

2000

100 2.5 100
 .2008 1998 %8.6 %1.1

2007

:(6)

| 2007 (%) | (%) | | | | | |
|-------------|------|------------|------------|-----------|-----------|--|
| | | 2007 | 2006 | 2007 | 2006 | |
| 37.8 | 9.2 | 5,980,000 | 4,433,071 | 2,260,000 | 2,070,000 | |
| 7.3 | 13.7 | 27,400,000 | 26,768,931 | 1,990,000 | 1,750,000 | |
| 9.2 | 15.0 | 19,270,798 | 18,824,654 | 1,782,000 | 1,550,000 | |
| 11.2 | 43.7 | 77,300,000 | 76,073,372 | 8,620,000 | 6,000,000 | |
| 25.1 | 20.3 | 25,500,000 | 24,458,400 | 6,400,000 | 5,320,000 | |
| 13.5 | 24.2 | 2,743,000 | 2,638,145 | 370,000 | 298,000 | |
| 4.8 | 18.1 | 23,383,000 | 21,791,266 | 1,122,000 | 950,000 | |
| 19.2 | 38.4 | 5,723,000 | 5,745,313 | 1,100,000 | 795,000 | |
| 13.8 | 5.2 | 4,015,000 | 3,900,454 | 552,500 | 525,000 | |
| 31.4 | 75.0 | 1,337,329 | 871,500 | 420,000 | 240,000 | |
| 19.9 | 10.7 | 4,700,000 | 4,613,111 | 935,000 | 845,000 | |
| 31.5 | 33.1 | 1,047,000 | 730,022 | 330,000 | 248,000 | |
| 30.9 | 23.4 | 3,400,000 | 3,200,370 | 1,050,000 | 851,000 | |

.2007 ()

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wireless technologies

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(2G/3G)

2008 1998

:(7)

| 2008 | | | | 1998 | | | | |
|-------|-----------|-------|--------|-------|----------|------|--------|------|
| 100 | () | 100 | () | 100 | () | 100 | () | |
| 51.95 | 402.9 | 16.63 | 129.0 | 3.22 | 20.0 | 2.00 | 12.5 | |
| 14.00 | 11413.8 | 3.07 | 2504.8 | 0.29 | 200.0 | 0.07 | 45.0 | * |
| 1.00 | 300.0 | 0.01 | 3.1 | 0.10 | 25.0 | 0.06 | 14.7 | *** |
| 49.64 | 3500.00 | 24.31 | 1714.0 | 10.31 | 600.0 | 5.15 | 300.0 | |
| 26.00 | 1595.2 | 3.73 | 229.1 | 1.31 | 60.8 | 0.44 | 20.3 | |
| 34.26 | 1000.0 | 10.49 | 283.2 | 22.40 | 567.0 | 8.97 | 227.0 | **** |
| 22.53 | 945.0 | 7.51 | 315.0 | 6.78 | 260.0 | 2.22 | 85.0 | |
| 16.69 | 465.0 | 2.88 | 80.2 | 0.86 | 20.0 | 0.19 | 4.3 | |
| 8.58 | 356.0 | 2.54 | 102.2 | 1.11 | 35.0 | 0.22 | 7.0 | ** |
| 34.04 | 436.0 | 9.05 | 115.9 | 3.52 | 20.0 | 1.54 | 8.7 | |
| 30.80 | 7761.8 | 7.27 | 1832.3 | 2.21 | 460.0 | 0.96 | 200.0 | ** |
| 10.16 | 4200.0 | 0.11 | 44.1 | 0.14 | 50.0 | -- | -- | |
| 16.79 | 3565.0 | 3.36 | 713.0 | 0.12 | 20.0 | 0.02 | 3.0 | * |
| 65.15 | 2922.0 | 26.77 | 1200.4 | 6.91 | 200.0 | 2.31 | 66.8 | |
| 1.61 | 370.0 | 1.29 | 295.2 | 0.02 | 4.0 | 0.01 | 2.1 | |
| 23.52 | 1593016.0 | 8.31 | 527640 | 3.17 | 185661.0 | 0.59 | 26.143 | |

ITU

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2003 **** 2002 *** 2000 ** 1999 *

218

140

154

171

2007

:(8)

| 2007 | | |
|------|------------|-----|
| 9 | -- | 100 |
| 8 | (218) 140 | 100 |
| 9 | (222) 171 | 100 |
| 11 | (227) 154 | 100 |

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.2007 1997

1.4

3.767

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2007

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1997 / 467

2007

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406,034

614,601

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(2007 1997)

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11 100 ()

.2007 1997

1.3.4

.1997 2007 %198 100

%34

100 9 1997 100 4.1

.2007

22

2.3.4

11

2000 .2007 1997

27 1997 100 3.5

1,021,481 2007 100

.2007

2007 1997 :(9)

| 2007 | 1997 | |
|-----------|----------|-----|
| 348,788 | 116,892 | |
| 1,021,481 | *100,000 | |
| 355,500 | 35,000 | * |
| 9 | 4.1 | 100 |
| 27.0 | 3.5 | 100 |
| 8.85 | 1.11 | 100 |

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.2007 8

2007 1998

-
*

.1996 497

35.8

22

(10)

2009 - 2007

| | | | | |
|-------|-------|-------|--|-------|
| | %57.4 | %54.3 | | %48.9 |
| %55.8 | | | | |
| | %54.0 | %48.3 | | |
| | %41.6 | %66.7 | | |
| | 20 | | | |

3.3.4

| | | | | | |
|------|-------|-----|------------|-------|--------|
| 335 | | | | | |
| | 100 | 8.6 | | 2007 | |
| | | | | 100 | 1.1 |
| | | | (10) 1997 | | |
| 2009 | %32.3 | | | 12 | |
| | | | | .2004 | %11.9 |
| 2009 | %20.3 | | | | |
| | | | | | %.55.3 |

:(10)

| % 2009 | % *2007 | % 2006 | % 2004 | | |
|--------|---------|--------|--------|-----|-----|
| 9.3 | 7.9 | 5.7 | ... | 100 | |
| 57.1 | 55.4 | 50.9 | 35.7 | (| 10) |
| 32.3 | 32.2 | 18.4 | 11.9 | (| 10) |
| 21.3 | ... | 10.0 | 5.1 | (| 10) |
| 9.1 | ... | 5.3 | 5.1 | | |
| | | | | : | (|
| 20.3 | ... | 27.8 | 19.5 | | 10) |
| 85.6 | ... | 86.6 | 85.4 | | |
| 55.3 | ... | 62.9 | 50.5 | | |
| 68.8 | ... | 77.9 | 59.6 | | |
| 53.3 | ... | 60.6 | 65.1 | | |

.2009 - 2007

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(10)

.%31.5

%32.7

%33.8 %34.5

. %26.2 %38.2

. 30 10

²³(10)

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4.4

.2006

23

13

.2007 164 46 2007 1997

546

9 .1997 47

.2007 29 1996

:(11)

| 2007 | 1997 | |
|---------|---------|-----|
| 46 | 15 | |
| 164 | 34 | |
| 546 | 47 | |
| 350,442 | 110,893 | |
| 9.0 | 4.0 | 100 |

2007 :

.2007 8

1.4.4

1997 %19.6

%47.5

24 .2009

.(ADSL)

:(12)

| 2009 | *2007 | 2006 | 2004 | 2000 | 1997 | () |
|------|-------|------|------|------|------|-----|
| 49.2 | 41.1 | 32.8 | 26.4 | 10.8 | 4.0 | |
| 28.5 | 16.9 | 15.9 | 9.2 | 1.9 | ... | |
| 95.7 | 93.1 | 95.3 | 93.4 | 89.7 | 84.9 | |
| 36.6 | ... | 30.0 | 24.6 | 23.0 | 13.4 | |
| 92.0 | 81.4 | 80.4 | 74.4 | 45.4 | ... | () |
| 47.5 | 45.2 | 50.8 | 40.8 | 42.1 | 19.6 | |
| 92.4 | ... | 81.0 | 72.8 | 43.7 | ... | () |

.2009- 2007 :

.2006 2005

24

| | | | |
|---------|---------|---------|---------|
| 79,483 | | 1997 | |
| 261,855 | 53,146 | | 406,034 |
| | | %73.6 | . |
| | | 2007 | . |
| | 382,394 | 166,975 | |
| | | .%70.4 | |
| | | | .(13) |
| |) | | |
| (| | | |
| 2007 | 1997 | | |

: (13)

2007 1997

| *2007 | *2007 | *2007 | 1997 | * 2007 | 1997 |
|---------------|--------------|---------------|--------------|---------------|--------------|
| 311665 | 60541 | 166975 | 53146 | 152054 | 12277 |
| ... | ... | ... | 26337 | ... | 3819 |
| 311665 | 60541 | 166975 | 79483 | 152054 | 16096 |
| 12.7 | 9.7 | 11.7 | 7.2 | 11.6 | 5.9 |
| 2.4 | 1.6 | 1.7 | 0.5 | 2.3 | 0.8 |
| 8.0 | 8.6 | 9.5 | 8.0 | 8.8 | 5.8 |
| 16.8 | 20.1 | 18.5 | 14.4 | 18.3 | 14.1 |
| 4.4 | 3.8 | 4.0 | 3.7 | 4.2 | 2.5 |
| 3.1 | 3.3 | 2.9 | 0.8 | 3.6 | 1.5 |
| 13.6 | 20.2 | 17.3 | 9.5 | 14.4 | 16.4 |
| 2.0 | 1.4 | 1.7 | 1.7 | 1.3 | 0.7 |
| 5.4 | 5.0 | 5.2 | 6.6 | 5.1 | 8.6 |
| 8.1 | 9.9 | 9.0 | 8.6 | 8.1 | 8.8 |
| 23.7 | 16.4 | 18.5 | 5.9 | 22.3 | 11.1 |
| ... | ... | ... | 5.0 | ... | 3.3 |
| ... | ... | ... | 17.8 | ... | 12.5 |
| ... | ... | ... | 3.3 | ... | 2.8 |
| ... | ... | ... | 4.5 | ... | 3.1 |
| ... | ... | ... | 2.6 | ... | 2.0% |
| 311665 | 60541 | 166975 | 79483 | 152054 | 16096 |
| 205576 | 44445 | 117586 | 58510 | 106339 | 11332 |
| 87585 | 12853 | 40535 | 11364 | 37087 | 3079 |
| 18504 | 3243 | 8854 | 9609 | 8628 | 1567 |
| 311665 | 60541 | 166975 | 79483 | 152054 | 15978 |

.1997-2007

:

J1

*

:(13)

2009

| | | | |
|-------------|-------------|-------------|--|
| | | | |
| 51.4 | 27.2 | 51.1 | |
| 40.0 | 30.9 | 45.6 | |
| 47.5 | 28.5 | 49.2 | |
| 48.5 | 19.5 | 48.0 | |
| 22.6 | 11.5 | 37.4 | |
| 51.7 | 24.3 | 58.9 | |
| 57.9 | 31.5 | 55.5 | |
| 44.5 | 28.0 | 55.6 | |
| 45.2 | 23.3 | 55.5 | |
| 65.6 | 32.9 | 52.9 | |
| 52.7 | 32.3 | 46.4 | |
| 61.8 | 38.2 | 55.8 | |
| 50.7 | 29.8 | 43.4 | |
| 37.1 | 18.1 | 45.8 | |
| 36.3 | 30.6 | 48.1 | |
| 43.5 | 32.4 | 45.7 | |
| 38.3 | 33.1 | 46.5 | |
| 44.5 | 30.2 | 46.3 | |
| 29.5 | 25.3 | 39.2 | |
| 49.9 | 30.1 | 50.3 | |
| 41.6 | 19.8 | 43.7 | |
| 39.8 | 31.5 | 51.3 | |

.2009-2007

:

%47.5

2009

%40.0

%51.4

2.4.4

.(3

) 2009

%92.4

2000

%43.7

2000 1997

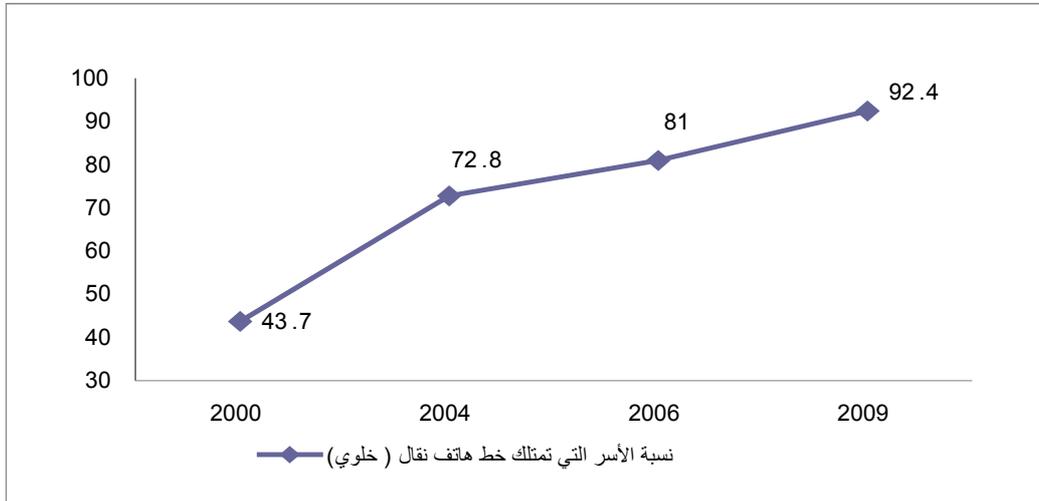
2007

%66

311,665

%23.7

:(3)



.2009-2007

:

3.4.4

%49.2

2000

%10.8

16,096

.2009

2007

%76.3

1997

(J1

)

152,054

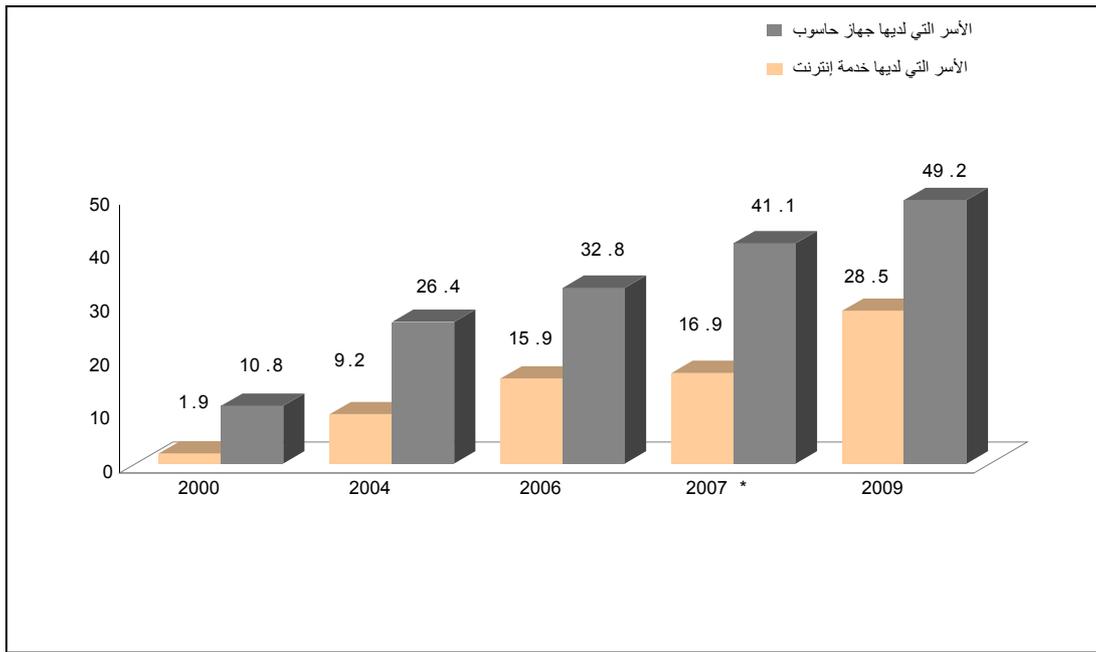
4

.2007

.2009

2000

:(4)



.2009- 2007

:

13

1997

%9.8

%19.3

%70.9 :

%69.9

2007

(J1)

%5.7

%24.4

%62.7

2004

%56.7

%17.5

.2006

.2006

%8.4

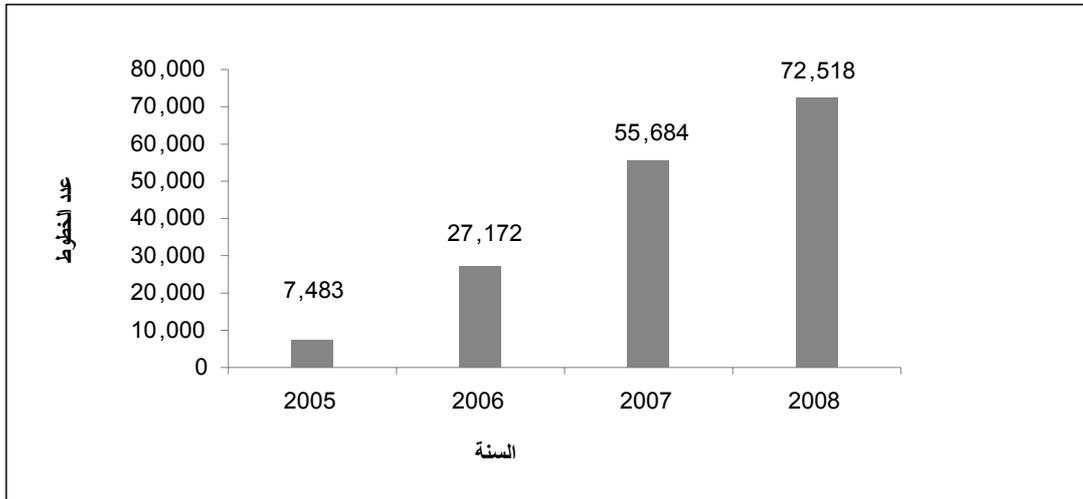
.2006

%42.3

%78.7

72,518 (ADSL) ADSL ADSL .2008
(5)

ADSL :(5)



.2008 :

1.5

²⁵ 300

1999

PITA

%80

89

2.5

(20)

%99

26.

%69

29

:

1.2.5

2007

14

%42.9

%63.5

%13.5

%19.2

%33.9

%46.6

%61.7 %64.3

2007

2007

:(14)

| 2007 | | | |
|------|------|------|-----|
| | | | |
| 13.6 | 21.6 | 19.2 | |
| 9.4 | 15.2 | 13.5 | |
| 2.1 | 5.3 | 4.3 | |
| 24.6 | 26.7 | 26.1 | |
| 25.7 | 33.2 | 31.0 | |
| 33.9 | 46.6 | 42.9 | |
| 61.7 | 64.3 | 63.5 | |
| 7.1 | 16.5 | 13.7 | |
| 0.1 | 0.3 | 0.3 | () |
| 0.8 | 4.1 | 3.1 | |

.2008

2007

:

%26.1 %31.0

%4.3

%3.1

.(14)

2.2.5

%21.3

2007

%16.2

%23.3

%88.3

%59.1

%15.1

%20.3 %31.9

%83 10

4-0

%16.4

%12.7

%67.8

2007

:(15)

| 2007 | | | |
|------|-----|-----|--|
| 21.3 | | | |
| 12.7 | | | |
| 2.3 | | | |
| 2.0 | | | |
| 0.4 | | | |
| 2.6 | | | |
| 15 | | 100 | |
| 3.5 | | 100 | |
| 3.7 | 100 | | |
| 2.1 | 100 | | |

.2008

2007

:

100 %43.3

3.5

100

(ADSL)

%40.7

%17.8

%7.7

%.1.6

(16) %.9.8

2007

:(16)

| 28.9 | 44.0 | 40.7 | |
|------|------|------|--|
| 25.3 | 15.7 | 17.8 | |
| 0.1 | 1.7 | 1.3 | |
| 12.0 | 6.5 | 7.7 | |
| 1.2 | 0.3 | 0.5 | |
| 1.2 | 1.7 | 1.6 | |
| 20.6 | 26.9 | 25.5 | |
| 1.1 | 0.1 | 0.4 | |
| 9.6 | 3.1 | 4.5 | |

.2008

2007

:

.(17)

2007

:(17)

| | | | |
|------|------|------|-----|
| | | | |
| 6.9 | 5.5 | 5.9 | |
| 80.4 | 82.9 | 82.1 | |
| 7.7 | 7.5 | 7.5 | |
| 3.5 | 3.0 | 3.2 | |
| 1.5 | 1.1 | 1.3 | |
| 10.5 | 8.6 | 9.0 | |
| 18.0 | 4.3 | 7.3 | |
| 60.8 | 71.3 | 69.1 | |
| 0.4 | 4.3 | 3.4 | |
| 3.0 | 4.3 | 3.9 | () |
| 7.3 | 7.2 | 7.3 | |

.2008

2007

:

3.2.5

46.5

128.7 2007

175.3

%62.4

%16

2007

:(18)

| | | | |
|-------------------|--------------------|--------------------|---|
| | | | |
| 2.2 | 7.6 | 6.1 | / |
| 4.3 | 11.9 | 9.9 | |
| 54.0 | 24.1 | 32.1 | / |
| 19.8 | 34.1 | 30.3 | |
| 17.5 | 4.8 | 8.2 | |
| 1.4 | 10.6 | 8.2 | |
| 0.4 | 5.0 | 3.8 | |
| 0.4 | 0.8 | 0.7 | |
| - | 0.6 | 0.4 | |
| - | 0.5 | 0.3 | |
| 46,520,300 | 128,762,600 | 175,282,900 | |

2003

.2

.3

.4

.5

:

.6

.7

:

•

•

•

•

•

•

(1)

2007

| 2007 | | | | | |
|------------|-----------|-----------|------------|------------|--|
| 5,980,000 | 1,580,900 | 2,260,000 | 7,872,000 | 1,386,000 | |
| 27,400,000 | 935,000 | 1,990,000 | 12,777,000 | 1,400,000 | |
| 19,270,798 | 869,000 | 1,782,000 | 6,451,104 | 3,450,000 | |
| 77,300,000 | 3,304,300 | 8,620,000 | 30,599,626 | 11,700,000 | |
| 25,500,000 | 3,548,800 | 6,400,000 | 28,400,041 | 4,000,000 | |
| 2,743,000 | 247,300 | 370,000 | 2,500,115 | 268,065 | |
| 23,383,000 | 448,800 | 1,122,000 | 4,107,000 | 1,021,988 | |
| 5,723,000 | 708,400 | 1,100,000 | 4,772,000 | 559,000 | |
| 4,015,000 | 199,900 | 552,500 | 1,744,600 | 350,442 | |
| 1,337,329 | 352,000 | 420,000 | 1,260,000 | 242,000 | |
| 4,700,000 | 586,400 | 935,000 | 1,216,000 | 693,000 | |
| 1,047,000 | 211,800 | 330,000 | 1,116,000 | 203,500 | |
| 3,400,000 | 740,300 | 1,050,000 | 2,773,688 | 517,300 | |

.() :

2006

| 1,100,000 | 2,070,000 | 5,520,000 | 1,305,000 | | |
|-----------|-----------|------------|------------|--|--|
| 815,000 | 1,750,000 | 8,842,057 | 1,100,000 | | |
| 730,000 | 1,550,000 | 4,755,541 | 3,300,000 | | |
| 2,300,000 | 6,000,000 | 17,970,815 | 10,807,678 | | |
| 2,950,000 | 5,320,000 | 19,668,191 | 3,900,000 | | |
| 210,000 | 298,000 | 1,818,024 | 271,456 | | |
| 380,000 | 950,000 | 3,022,629 | 968,328 | | |
| 580,000 | 795,000 | 4,156,600 | 677,100 | | |
| 190,000 | 525,000 | 1,471,000 | 341,330 | | |
| 200,000 | 240,000 | 919,708 | 217,000 | | |
| 530,000 | 845,000 | 1,124,000 | 670,000 | | |
| 185,000 | 248,000 | 831,000 | 196,246 | | |
| 600,000 | 851,000 | 2,529,679 | 515,000 | | |

.() :

(2)

| *2007 | *2007 | *2007 | 1997 | * 2007 | 1997 | |
|--------------|--------------|--------------|-------------|---------------|-------------|--|
| 82.7 | 82.5 | 84.6 | 76.4 | 83.6 | 71.5 | |
| 9.6 | 11.5 | 9.5 | 13.3 | 9.8 | 18.9 | |
| 0.7 | 0.9 | 0.7 | 0.6 | 0.7 | 1.2 | |
| 6.3 | 4.5 | 4.7 | 9.2 | 5.2 | 7.8 | |
| 0.4 | 0.3 | 0.3 | 0.2 | 0.3 | 0.2 | |
| 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | |
| 94.3 | 93.0 | 90.5 | 91.6 | 93.5 | 93.6 | |
| 5.7 | 7.0 | 9.5 | 8.4 | 6.5 | 6.4 | |
| 16.7 | 28.2 | 28.9 | 40.2 | 27.5 | 36.4 | |
| 1.5 | 1.4 | 1.4 | 1.6 | 1.3 | 2.1 | |
| 81.7 | 70.2 | 69.3 | 57.6 | 71.0 | 60.9 | |
| 0.2 | 0.3 | 0.3 | 0.5 | 0.2 | 0.6 | |
| 22.4 | 13.1 | 18.8 | 19.6 | 17.7 | 11.9 | |
| 26.9 | 18.6 | 22.4 | 16.8 | 23.6 | 12.3 | |
| 14.5 | 16.9 | 15.5 | 16.5 | 16.5 | 18.3 | |
| 7.6 | 12.5 | 10.0 | 8.9 | 11.0 | 11.6 | |
| 10.4 | 22.6 | 14.3 | 13.5 | 16.2 | 24.8 | |
| 0.3 | 0.9 | 0.5 | 0.4 | 0.6 | 0.7 | |
| 1.7 | 5.3 | 2.7 | 2.1 | 3.1 | 5.7 | |
| 0.6 | 2.3 | 1.0 | 1.1 | 1.2 | 3.7 | |
| 0.1 | 0.1 | 0.1 | 0.4 | 0.1 | 0.5 | |
| 5.1 | 2.4 | 5.3 | 8.6 | 3.0 | 3.9 | |
| 10.5 | 5.3 | 9.3 | 12.0 | 7.2 | 6.6 | |
| 2.0 | 2.1 | 2.3 | 2.3 | 1.7 | 3.5 | |
| 0.3 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | |
| 92.4 | 92.1 | 89.8 | 90.4 | 93.0 | 91.3 | |
| 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | |
| 4.5 | 4.7 | 6.8 | 6.6 | 4.3 | 4.4 | |
| 0.2 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | |
| 3.8 | 9.7 | 6.2 | 8.4 | 6.2 | 14.3 | |

| *2007 | *2007 | *2007 | 1997 | * 2007 | 1997 |
|-------|-------|-------|------|--------|------|
| 9.3 | 21.4 | 14.0 | 11.2 | 14.9 | 22.9 |
| 5.6 | 9.6 | 7.7 | 7.4 | 7.7 | 9.4 |
| 22. | 3.7 | 3.0 | 4.2 | 3.0 | 4.5 |
| 18.7 | 20.9 | 21.4 | 22.5 | 19.9 | 18.9 |
| 04. | 2.0 | 2.9 | 3.7 | 2.9 | 2.9 |
| 25.1 | 17.5 | 21.9 | 20.1 | 22.2 | 14.9 |
| 10.0 | 6.4 | 8.5 | 8.0 | 8.8 | 4.3 |
| 19.8 | 7.9 | 13.2 | 13.7 | 13.3 | 7.2 |
| 51. | 0.9 | 1.2 | 0.7 | 1.1 | 0.7 |
| 6.6 | 2.7 | 4.2 | 5.2 | 4.4 | 3.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60. | 0.3 | 0.4 | 0.3 | 0.5 | 0.3 |
| 13.3 | 11.7 | 12.9 | 13.2 | 12.8 | 11.8 |
| 30. | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 |
| 25.1 | 12.6 | 17.7 | 16.0 | 18.8 | 11.8 |
| 17.9 | 20.7 | 21.1 | 21.4 | 19.4 | 18.8 |
| 1.8 | 1.6 | 1.9 | 1.5 | 1.7 | 1.3 |
| 07. | 5.8 | 6.6 | 6.2 | 6.7 | 3.4 |
| 1.0 | 2.3 | 1.6 | 1.4 | 1.5 | 2.2 |
| 2.0 | 4.4 | 2.9 | 2.5 | 3.0 | 5.2 |
| 10.5 | 14.1 | 12.2 | 14.8 | 12.2 | 15.4 |
| 17. | 13.0 | 9.9 | 8.5 | 10.5 | 14.1 |
| 2.2 | 4.7 | 3.3 | 4.6 | 3.2 | 6.5 |
| 2.3 | 3.4 | 2.8 | 2.1 | 2.8 | 2.3 |
| 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.62 | 1.0 | 0.8 | 0.9 | 0.8 | 1.5 |
| 1.6 | 1.2 | 1.4 | 1.0 | 1.4 | 1.2 |
| 1.6 | 2.0 | 2.0 | 1.2 | 1.8 | 0.8 |
| 68.7 | 76.7 | 73.8 | 71.4 | 72.2 | 71.7 |
| 8.8 | 10.1 | 8.9 | 10.5 | 9.4 | 14.5 |
| 15.6 | 6.9 | 10.7 | 13.5 | 11.9 | 9.6 |
| 2.65 | 1.2 | 1.7 | 1.0 | 1.9 | 2.0 |
| 0.8 | 1.8 | 1.3 | 1.5 | 1.3 | 2.0 |
| 1.9 | 1.2 | 1.6 | 0.9 | 1.6 | 0.7 |

...

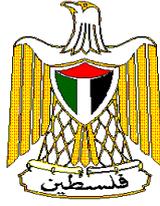
*

2007 1997

:

| | |
|-----------------|-----|
| .2004 | .1 |
| .2006 | .2 |
| .8 | .3 |
| .2007 | .4 |
| .2009 2009-2007 | .5 |
| 1997 | .6 |
| 2007 | .7 |
| .2003 () | .8 |
| .2003 () | .9 |
| .2007 () | .10 |
| .2007 () | .11 |
| .2008 () | .12 |
| .2008 () | .13 |

| | | | |
|------|--|--------------|-----|
| | .2007 | .2007 | .14 |
| | | | |
| 2009 | | | .15 |
| | | .2004 | .16 |
| | | .2007 () | .17 |
| | | .2008 PALTEL | .18 |
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**Palestinian National Authority
Palestinian Central Bureau of Statistics**

Dissemination and Analysis of Census Findings

**The Level of Diffusion of Information and
Communications Technology in the Palestinian
Territory 1997-2007**

Prepared by

**Palestine Economic Policy Research Institute (MAS)
Wajeih Amer**

December, 2009

This document is prepared in accordance with the standard procedures stated in the Code of Practice for Palestine Official Statistics 2006

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Preface

The Population, Housing and Establishment Census- 1997 is the cornerstone of the efforts of developing reliable up-to-date and comprehensive database. Statistical surveys and data from administrative records are important data sources.

PCBS is conducting Dissemination and Analysis of Census Finding to enhance awareness of available statistical data in general, and Census finding in particular, as well as their potential utilization and inter linkages with various socioeconomic conditions.

The outputs of the project cover areas of dissemination and analysis of Census findings. This includes producing a series of user-oriented reports at different levels of concern, including analytical, in-depth analysis, and summary reports, of which this report comes as one of the products in the regard.

We hope that this project will contribute to improving the living standards of the Palestinian society through strengthening the development planning process at various levels.

December, 2009

**Ola Awad
Acting President of PCBS**

Important Notes

- The ideas presented in this document do not necessarily express PCBS official position.
- The Researcher worked this study depending on data derived from the PCBS databases and other resources. PCBS will not be responsible for any mistakes of these data.
- Jerusalem J1: those parts of Jerusalem which were annexed by Israel in 1967.

Executive Summary

The diffusion of Information and Communications Technology (ICT) in the Palestinian Territory over the past ten years has changed considerably both in terms of quality and quantity. Several factors have contributed to the increase in the level of diffusion and use of ICT tools, namely: the development of higher quality technology, improvements in the techniques used in communication, an increase in the efficiency of communication, and decrease in the subscription costs of various communication services and ICT tools. Additionally, there has been an increase in the availability and usage of these services in rural areas and within refugee camps. Within these areas there has also been an increase in demand for ICT and access to ICT-related infrastructure, especially electricity. In general, the cost of accessing ICT tools has decreased and the ease of using these tools has increased considerably.

The speed at which ICT usage has spread within the Palestinian Territory has been affected, largely, by the political and economic conditions present within the West Bank and the Gaza Strip. The continuation of the Israeli occupation has been the most influential factor on the restriction of growth and development within the Palestinian ICT sector. The occupation prevents the construction of new infrastructure or the repair of damaged infrastructure. Moreover, the occupation increases operating costs in addition to decreasing the living standards of individuals and households in the Palestinian Territory more generally. This in turn restricts levels of demand for ICT products among both families and businesses.

However, in some respects, the occupation has provided an incentive for Palestinians to begin using ICT tools, especially in regard to communications and the internet. As a result of Israeli closure policies ICT tools have often proved the only means by which Palestinian families and businesses can communicate effectively and consistently.

Despite recent increases in usage, the level of ICT use in the Palestinian Territory is moderate in comparison with the levels of usage in neighboring Arab countries, and is considered weak if compared to the global average.

The most important developments in the rate of diffusion of ICT during the period between the censuses of 1997 and 2007 were:

- **Individuals:** the number of fixed telephone lines per 100 inhabitants increased by 198%. The prevalence of fixed-lines reached 10 lines per 100 people in 2007, while the number of subscriptions to mobile phone service reached 1,021,481 in 2007. The prevalence of mobile phones increased to 27 mobile phones per 100 people, the number of Internet users reached approximately 335 thousand in 2007 or 8.85 users per 100 individuals.
- **Families:** the use of fixed telephones by Palestinian families has risen; the percentage of households who own a fixed phone rose to 47.5% in the year 2009. The number of households in the West Bank that owned a fixed telephone amounted to 166,975 families out of 382,394 families in 2007. The largest percentage of fixed lines is concentrated in cities and major urban areas. The percentage of households owning a mobile phone amounted to 92.4% in 2009. The number of West Bank households that own a mobile phone reached 311,665. The number of households owning a computer in the West Bank (excluding Jerusalem J1) stood at 152,054. The number of ADSL subscriptions reached approximately 72,518 at the end of 2008. Families in the West Bank (excluding Jerusalem J1) had 60,541 Internet connections; 73.4% were in urban areas. The diffusion of

computers and Internet usage has been concentrated in some governorates such as Ramallah and Al-Bireh , Nablus and Hebron.

- **The enterprise sector:** In 2007, the percentage of institutions that had fixed telephones in the Palestinian Territory was 42.9%. The proportion of enterprises using mobile phones reached 63.5% of all businesses operating in the Palestinian Territory in the year 2007. Only 19.2% of enterprises had computers and only 13.5% had Internet connections. The level of diffusion of ICT tools in the Palestinian Territory is directly proportional to the size of an enterprise. 83% of companies with more than 10 staff members use computers. In contrast, only 16.4% of companies with between 0 and 4 staff members use computers. The Percentage of employees in enterprises who know how to use a computer reached 43.3%. The vast majority of businesses use ADSL technology to connect to the Internet and the percentage of enterprises using e-mail is 40.7% for the year 2007.