

The background is a solid orange color. It features several decorative white elements: three long, sweeping curved lines that originate from the top right and curve towards the bottom left; and a pattern of small white dots in the bottom left corner, arranged in a grid that tapers off to the right.

03.

Statistical Annex



■ Postal Services

1. Postal Services

1.1 Postal Traffic

Postal Traffic

Tabela 1.

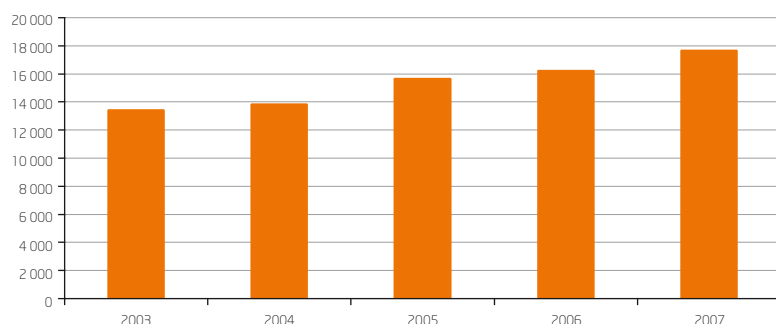
	2003	2004	2005	2006	2007
Express Mail	13.493	13.895	15.728	16.296	17.735
Standard Mail	1.247.748	1.274.289	1.273.164	1.208.678	1.221.068
Postal Traffic	1.261.241	1.288.184	1.288.892	1.224.973	1.238.802

Unit: Thousand items.
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.
This information was given from Service providers and can be corrected in the future.

Express Mail

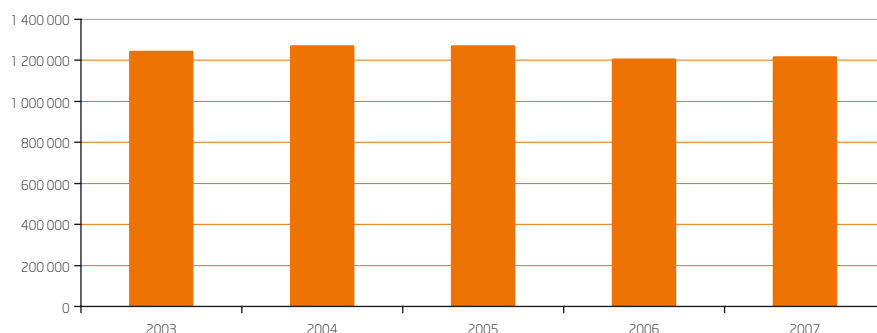
Graph 1.



Unit: % subscribers WCDMA
per 100 inhabitants.
Source: ICP-ANACOM,
Sector publications.

Standard Mail

Graph 2.



Unit: % subscribers WCDMA
per 100 inhabitants.
Source: ICP-ANACOM,
Sector publications.

Per Capita Postage

Table 2.

	2003	2004	2005	2006	2007
Postal traffic by inhabitant	120,4	122,3	121,9	115,6	116,9

Unit: Postal traffic/ Thousands Inhabitants

Source: ICP-ANACOM, INE

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future..

1.2 Postal Network Indicators

Equipment

Table 3.

	2003	2004	2005	2006	2007
Access Points (*)	19.798	19.563	19.283	19.132	18.849
Distribution Centers	459	462	472	469	476
Vehicles	5.608	5.362	5.856	5.549	5.703

Source: ICP-ANACOM.

(*) Physical sites where users may deposit mail in the postal network, including postboxes placed or not in public space, among others.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future..

Postal coverage

Table 4.

	2003	2004	2005	2006	2007
Postal coverage	21.5	21.2	20.9	20.8	20.5

Unit: Pontos de acesso/ 100 Km².

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

Postal Density

Table 5.

	2003	2004	2005	2006	2007
Number of inhabitants served by a access point	529	538	548	554	563

Unit: Habitantes/ Pontos de acesso.

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future..



1.3 Postal Service Provider Indicators

Number of Permanent Offices

Table 6.

	2003	2004	2005	2006	2007
Post Offices	1.078	1.005	981	960	924
Letter Posts	2.471	2.032	1.917	1.903	1.929
Number of Permanent Offices	3.549	3.037	2.898	2.863	2.853

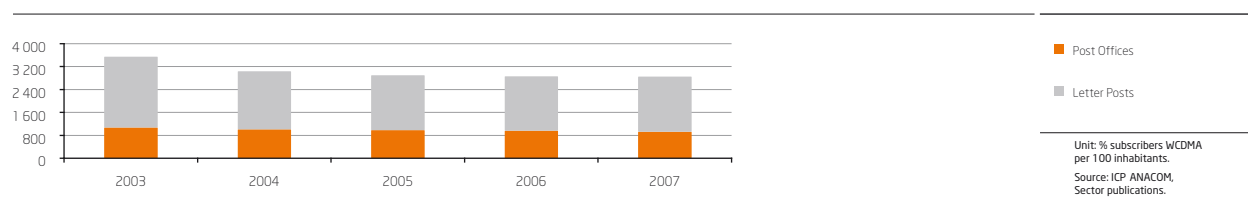
Unit: 1 Post

Source: CTT.

Note: This information was given from Service providers and can be corrected in the future.

Permanent Offices

Graph 3.



Postal Coverage

Table 7.

	2003	2004	2005	2006	2007
Area covered by a permanent office	25.9	30.3	31.8	32.2	32.3

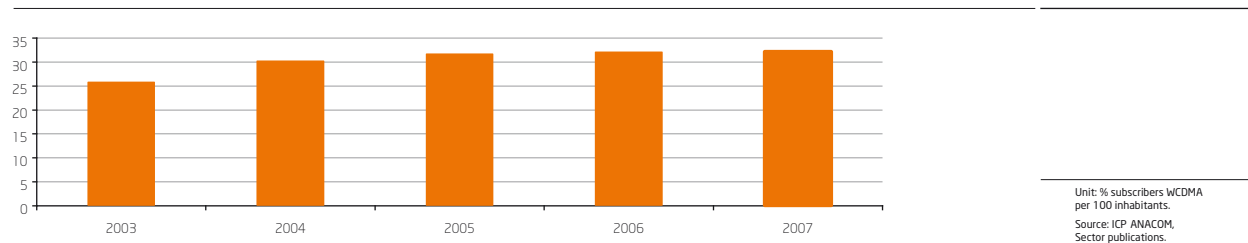
Unit: Km² / Permanent office

Source: CTT, INE.

Note: This information was given from Service providers and can be corrected in the future.

Postal Coverage

Graph 4.



Postal Coverage - EU

Table 8.

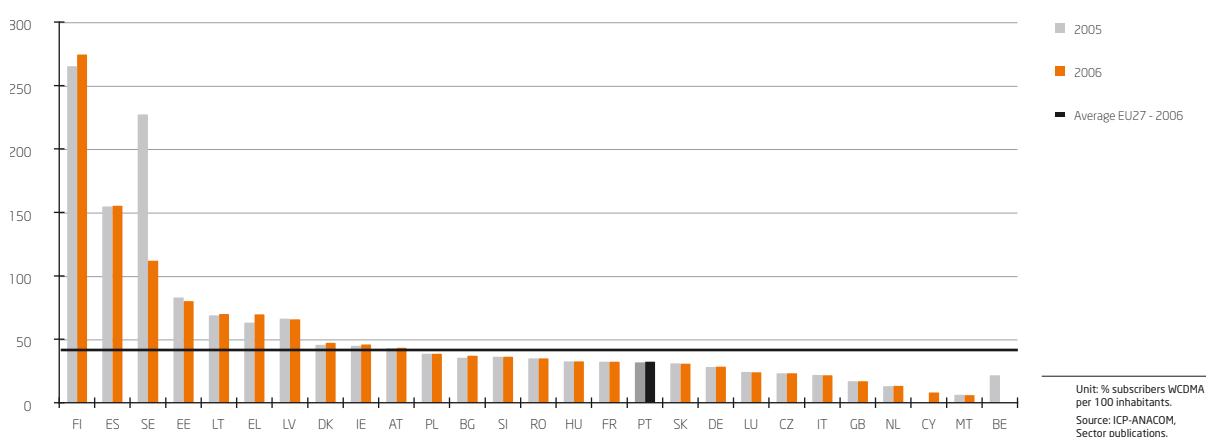
	2002	2003	2004	2005	2006
Germany	28,15	26,42	27,42	28,18	28,56
Austria	40,47	41,78	41,95	43,07	43,18
Belgium	23,45	23,47	22,30	21,67	nd
Bulgaria	36,71	n.d.	36,87	35,37	37,14
Cyprus	8,35	8,24	8,33	nd	8,09
Denmark	41,12	42,29	43,27	45,60	47,20
Slovakia	30,12	30,32	30,68	30,92	30,84
Slovenia	36,70	36,56	36,37	36,30	36,30
Spain	145,78	151,36	153,75	154,64	155,17
Estonia	82,15	82,15	82,75	82,90	79,97
Finland	243,80	251,22	257,93	265,00	274,47
France	32,41	32,46	32,54	32,43	32,36
Great Britain	14,09	15,31	16,63	16,90	17,08
Greece	60,89	59,49	59,98	63,05	69,75
Netherlands	17,73	16,12	13,03	13,01	13,18
Hungary	28,46	29,99	32,94	32,71	32,53
Ireland	39,79	42,38	43,81	44,76	45,87
Italy	21,92	21,95	21,75	21,79	21,75
Latvia	67,01	67,01	66,74	66,26	65,65
Lithuania	nd	nd	68,38	68,81	69,91
Luxembourg	23,94	23,94	23,73	24,17	23,94
Malta	6,32	6,32	6,20	6,20	6,08
Poland	39,22	38,93	29,59	38,71	38,56
Portugal	24,00	26,01	30,40	31,84	32,22
Czech Rep.	22,18	22,99	23,07	23,09	23,19
Romania	35,38	34,85	34,95	35,00	35,01
Sweden	nd	nd	nd	227,26	111,88
Average EU 27	39,51	41,05	39,35	40,27	39,90

Unit: Km² / Permanent office
Source: ICP-ANACOM, UPU.



Postal Coverage - EU

Graph 5.



Postal Density

Table 9.

	2003	2004	2005	2006	2007
Inhabitants served by a permanent office	2.951	3.467	3.647	3.702	3.715

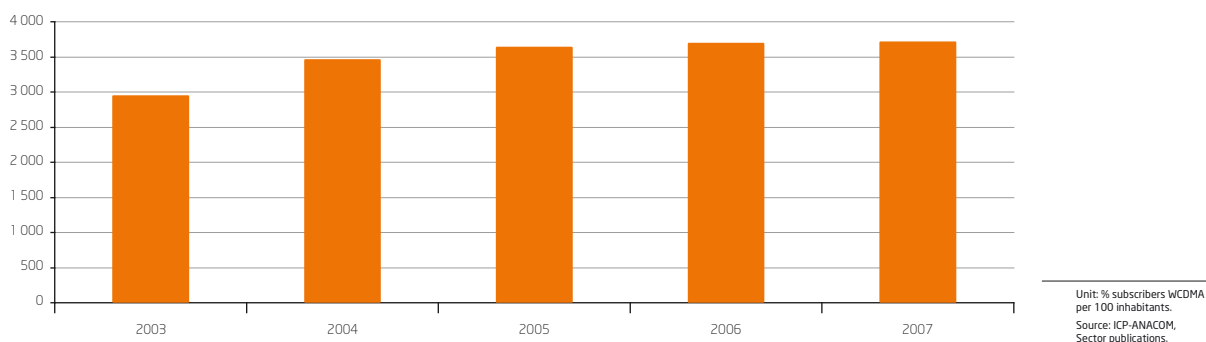
Unit: Number of Inhabitant/Permanent Office.

Source: CTT, INE.

Note: This information was given from Service providers and can be corrected in the future.

Postal Density

Graph 6.



Postal Density - EU

Table 10.

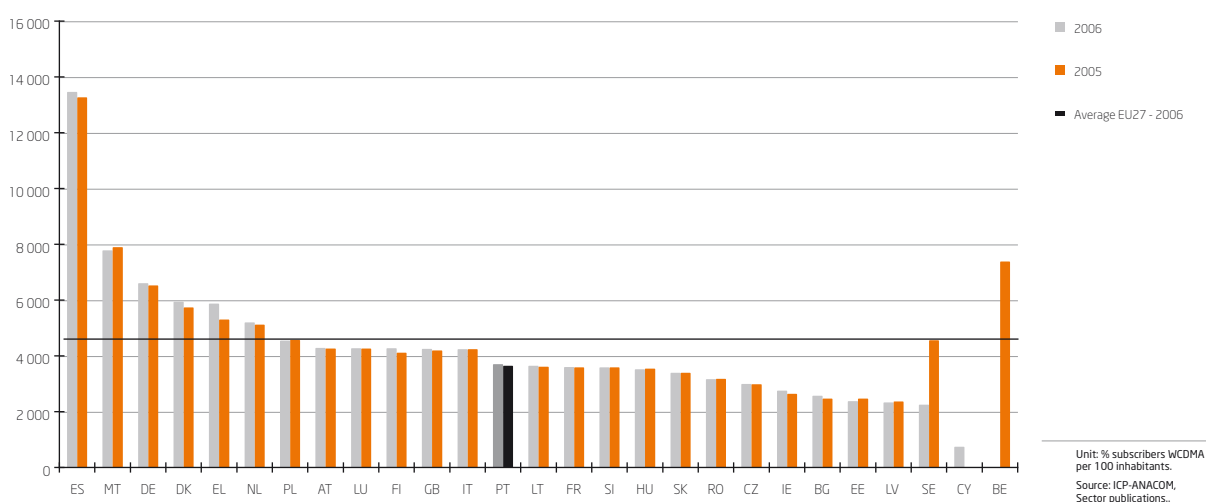
	2002	2003	2004	2005	2006
Germany	6 504	6 110	6 347	6 523	6 611
Austria	3 944	4 092	4 129	4 259	4 288
Belgium	7 889	7 930	7 567	7 380	nd
Bulgaria	2 613	nd	2 591	2 470	2 576
Cyprus	729	728	744	nd	739
Denmark	5 126	5 288	5 425	5 732	5 948
Slovakia	3 309	3 332	3 371	3 397	3 389
Slovenia	3 607	3 600	3 586	3 583	3 586
Spain	11 924	12 595	13 004	13 263	13 458
Estonia	2 471	2 463	2 474	2 471	2 376
Finland	3 751	3 876	3 990	4 111	4 271
France	3 517	3 545	3 577	3 586	3 599
Great Britain	3 444	3 761	4 105	4 191	4 256
Greece	5 094	4 986	5 036	5 303	5 879
Netherlands	6 876	6 282	5 102	5 117	5 200
Hungary	3 109	3 269	3 581	3 547	3 517
Ireland	2 223	2 409	2 536	2 639	2 755
Italy	4 223	4 245	4 221	4 240	4 243
Latvia	2 433	2 417	2 392	2 361	2 326
Lithuania	nd	nd	3 602	3 609	3 649
Luxembourg	4 121	4 154	4 151	4 267	4 272
Malta	7 888	7 947	7 846	7 894	7 784
Poland	4 652	4 612	3 502	4 574	4 550
Portugal	2 700	2 943	3 461	3 644	3 705
Czech Rep.	2 869	2 973	2 982	2 984	2 996
Romania	3 254	3 191	3 185	3 176	3 162
Sweden	nd	nd	nd	4 565	2 257
Average EU 27	4 417	4 606	4 432	4 550	4 520

Unit: Inhabitant/Permanent Office
Source: UPU.



Postal Density - EU

Graph 7.



Quality of Service Indicators

Table 11.

	Unit	2003	2004	2005	2006	2007
Ordinary Mail						
Delivery Delay (up to 3 workingdays)	%	95,6	97,0	97,2	94,9	97,1
Ordinary Mail not delivered up to 15 working days	per 1000 objects	1,4	1,5	1,1	1,3	1,6
Priority Mail						
Delivery Delay (next workingday deliveries) ⁽¹⁾	%	91,6	95,1	95,6	92,6	94,7
Priority Mail not delivered up to 10 working days	per 1000 objects	1,7	1,8	1,4	1,6	1,4
Awaiting Queue at the Post Office ⁽²⁾						
Average time		nd	92,1	92,3	92,6	89,4

Source: CTT; ICP-ANACOM.

(1) Until 2003 consider all national traffic, after 2003 consider only mainland traffic.

(2) Average percentage of waiting queue at post office of less than 10 minutes.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

■ Electronic Communications

2. Electronic communications infrastructures

2.1 Optical Fiber

Installed optical fiber

Table 12.

	2003	2004	2005	2006	2007
Own optical fiber	490.155	491.850	544.320	621.373	865.196
Optical fiber yielded by other entities	15.589	18.472	20.779	23.354	25.496

Unit: Km.pair.

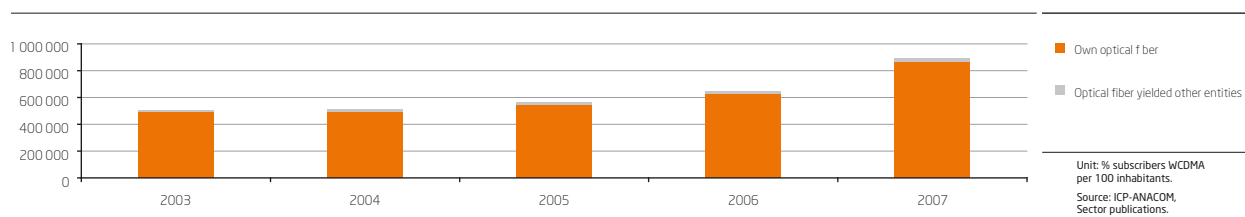
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Optical Fiber

Graph 8.



2.2 Installed Resources in Transmission Network

Installed resources

Table 13.

	Unit	2003	2004	2005	2006	2007
Optical fiber	Km.pair	319.544	348.339	376.730	437.609	518.385
radio link	Km	14.532	16.343	17.390	20.564	20.809
Coaxial Cable (includes fiber-coaxial access)	Km	1.858	1.876	1.929	1.862	1.966
Satellite access	Km	3.835	512	512	512	512

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.



2.3 Installed access - Access Network

Installed access

Table 14.

	2003	2004	2005	2006	2007
Pair of copper	6.171.182	6.164.484	5.740.093	5.649.285	5.578.026
Coaxial Cable (includes fiber-coaxial access)	1.935.951	1.918.637	1.968.811	1.983.140	2.077.613
Optical fiber	3.518	4.446	8.689	10.258	19.237
Satellite access	320.360	350.548	355.656	394.163	432.226
xDSL	188.822	436.927	689.189	945.609	978.214
Fixed Wireless Radio (FWA) *	4.861	5.434	5.703	9.486	16.223

Unit: 1 Access.

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

* The FWA data is in the scope of the licenses attributed in the public competition.

The decrease of the number of FWA accesses is due to the fact that two of the operators ceased to provide the service.

3. Leased Lines¹

3.1 Leased Lines Customers

Customers

Table 15.

	2003	2004	2005	2006	2007
Retail Leased Lines	6.953	5.530	3.714	3.302	2.768
Wholesale Leased Lines	108	125	141	184	187

Unit: 1 Customer.

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

¹ Offered in the scope of the license of Public Telecommunications Networks operator (Law no. 5/2004 of 10 of February).

3.2 Leased Lines

Leased Lines by technology

Table 16.

		2003	2004	2005	2006	2007
Retail and Wholesale Leased Lines						
	Analogue	33.970	30.871	29.151	26.225	18.820
	Digital	57.928	60.581	62.989	67.539	72.737
	< 64 Kbps	115	145	156	151	114
	64 Kbps	18.614	16.462	13.959	13.318	12.472
	n * 64 Kbps	20.606	22.309	22.563	23.810	22.721
	2 Mbps	17.772	20.743	25.175	28.972	35.883
	34 Mbps	402	402	502	503	516
	>= 140 Mbps	419	521	635	785	1.031
Retail Leased Lines						
	Analogue	8.762	7.519	6.809	6.170	5.567
	Digital	10.702	9.358	8.983	8.604	8.481
	< 64 Kbps	61	116	131	109	95
	64 Kbps	4.116	3.497	3.207	3.051	2.730
	n * 64 Kbps	4.706	4.122	3.988	3.763	3.522
	2 Mbps	1.733	1.562	1.583	1.586	2.022
	34 Mbps	38	33	70	77	85
	>= 140 Mbps	48	29	5	18	27
Wholesale Leased Lines						
	Analogue	25.208	23.352	22.342	20.055	13.253
	Digital	47.226	51.223	54.006	58.935	64.256
	< 64 Kbps	54	29	25	42	19
	64 Kbps	14.498	12.965	10.752	10.267	9.742
	n * 64 Kbps	15.900	18.187	18.575	20.047	19.199
	2 Mbps	16.039	19.181	23.592	27.386	33.861
	34 Mbps	364	369	432	426	431
	>= 140 Mbps	371	492	630	767	1.004

Unit: 1 Circuit.

Source: ICP-ANACOM.

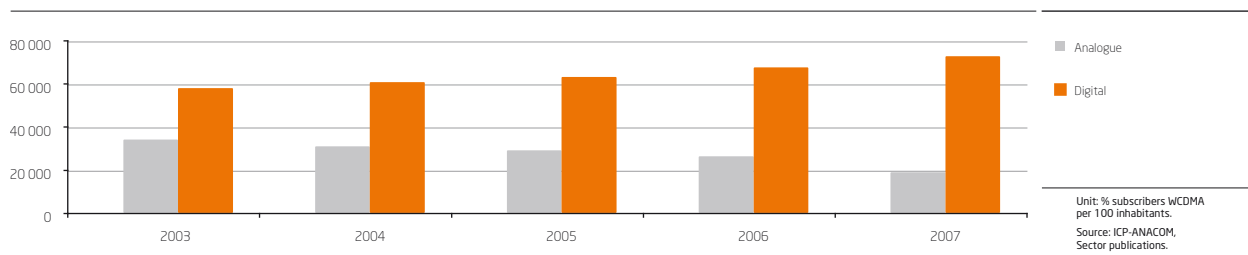
Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.



Leased Lines by technology

Graph 9.



3.3 Leased Lines Revenues

Revenues

Table 17.

	2003	2004	2005	2006	2007
Leased Lines Retail Revenues	59.641	59.495	53.162	46.899	48.382
Leased Lines wholesale Revenues	282.258	402.334	479.188	506.256	528.350
Total	341.900	461.829	532.350	553.156	576.731

Unit: 10³ Euros.

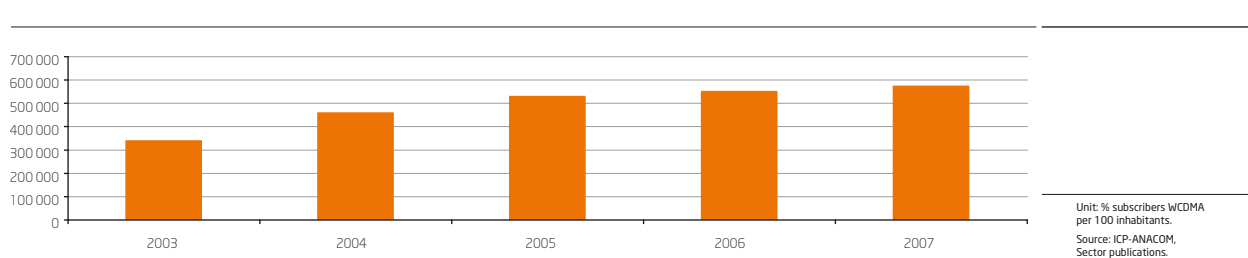
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Revenues

Graph 10.



4. Fixed Telephony and Public Telephones

4.1 Active Providers

Fixed telephone service

Table 18.

	2003	2004	2005	2006	2007
Licensed providers	26	21	22	23	24
Active providers	13	13	14	13	17
With direct and indirect access traffic	8	8	10	9	11
With direct access traffic only	2	2	1	2	5
With indirect access traffic only	3	3	3	2	1

Unit: 1 Provider.

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

Nomadic VoIP service

Table 19.

	2006	2007
Licensed providers	n.d.	14
Active providers	n.d.	6

Unit: 1 Provider.

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

4.2 Access Lines

Number of Main Lines

Table 20.

	2003	2004	2005	2006	2007
Total Main Lines (*)	4.281.1	4.238.3	4.233.7	4.234.0	4.191.0
Accesses installed on customer request	4.197.1	4.146.7	4.127.5	4.128.0	4.085.9
Analogue accesses	3.334.5	3.290.8	3.219.7	3.090.0	2.879.9
Digital Accesses	862.7	855.9	907.8	1.038.0	1.206.0
ISDN Basic Rate	542.5	535.7	528.1	514.4	497.2
ISDN Primary Rate	317.4	316.3	302.6	306.2	313.7
ISDN Partitioned Primary Rate	1.4	2.9	4.6	5.3	4.2
Others (Diginet,...)	1.4	1.1	72.5	212.1	390.8

Unit: Thousands of equivalent accesses.

Source: ICP-ANACOM.

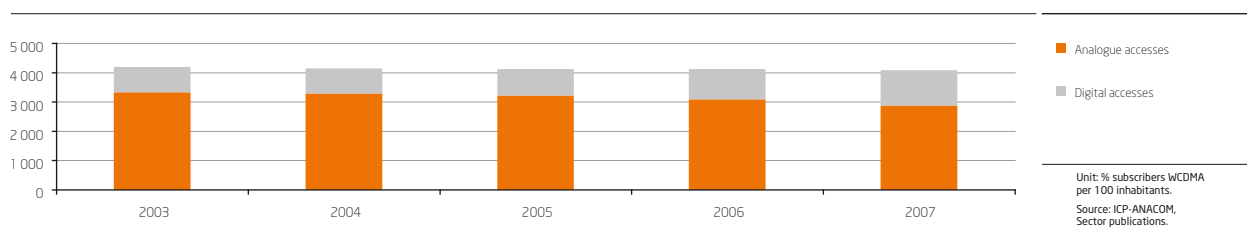
Note: This information was given from Service providers and can be corrected in the future.

(*) Includes Public Payphones and own complement.



Main Lines

Graph 11.



Public Payphones

Table 21.

	2003	2004	2005	2006	2007
Total Public Payphones (*)	41.525	47.442	45.334	43.233	41.498

Unit: 1 Phone.

Source: ICP-ANACOM.

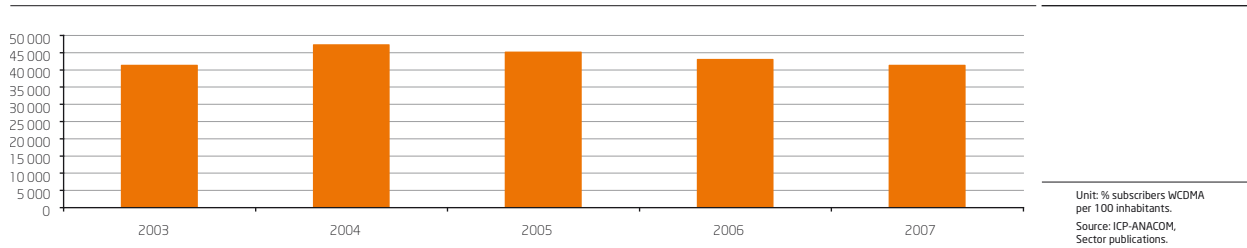
(*) Includes commercial public telephones.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Public Payphones

Graph 12.



4.3 Main Telephone Lines per 100 Inhabitants

Portugal

Table 22.

	2003	2004	2005	2006	2007
Main Telephone Lines per 100 Inhabitants (*)	40.9	40.3	40.1	39.9	39.5

Unit: Accesses/100 inhabitant.

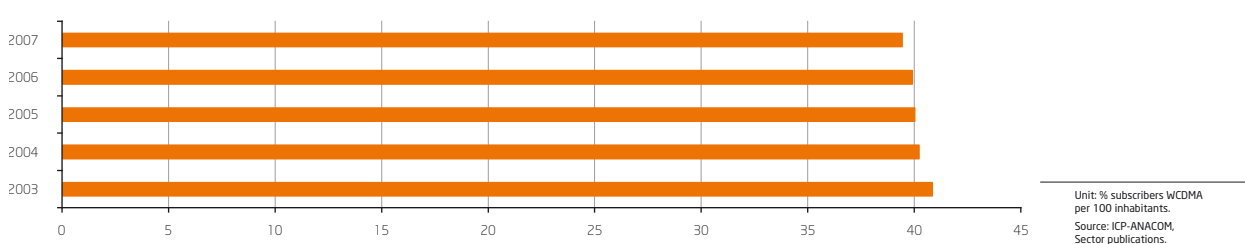
Source: INE, ICP-ANACOM.

* Includes Public Payphones.

Note: This information was given from Service providers and can be corrected in the future.

Main Telephone Lines per 100 Inhabitants

Graph 13.



Main Telephone Lines per 100 Inhabitants - EU

Table 23.

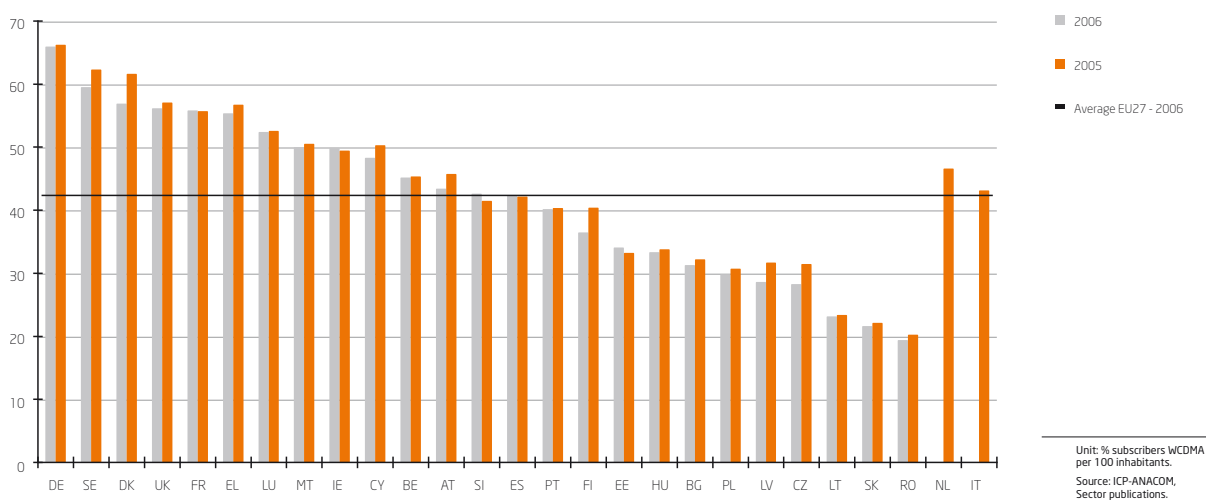
	2002	2003	2004	2005	2006
Germany	65,0	65,7	66,1	66,3	65,9
Austria	47,9	47,6	46,6	45,7	43,4
Belgium	47,6	46,9	46,0	45,4	45,2
Bulgaria	36,6	36,1	35,1	32,2	31,3
Cyprus	59,8	59,1	51,8	50,3	48,3
Denmark	68,9	67,0	64,5	61,7	56,9
Slovakia	26,1	24,1	23,2	22,2	21,6
Slovenia	40,5	40,7	40,9	41,5	42,6
Spain	42,9	41,6	41,5	42,2	42,4
Estonia	35,1	34,1	33,3	33,3	34,1
Finland	52,3	49,2	45,4	40,4	36,5
France	57,2	56,6	55,8	55,7	55,8
Great Britain	57,1	55,0	57,2	56,7	55,4
Greece	49,6	48,2	48,4	46,6	ND
Netherlands	36,2	35,6	35,3	33,8	33,4
Hungary	50,2	49,1	49,8	49,5	49,9
Ireland	48,1	45,9	44,8	43,1	ND
Italy	30,1	28,2	28,5	31,7	28,6
Latvia	26,9	23,9	23,8	23,4	23,2
Lithuania	55,7	54,3	53,4	52,6	52,4
Luxembourg	52,3	52,1	51,6	50,5	50,1
Malta	30,7	31,9	32,6	30,7	29,8
Poland	41,4	40,9	40,3	40,3	40,2
Portugal	58,8	58,1	57,8	57,1	56,1
Czech Rep.	36,0	35,5	33,6	31,5	28,3
Romania	19,3	20,0	20,2	20,3	19,4
Sweden	62,4	61,7	63,1	62,3	59,5
Average EU 27	49,7	49,1	48,9	48,2	41,0

Unit: Accesses per 100 inhabitants
Source: UIT.



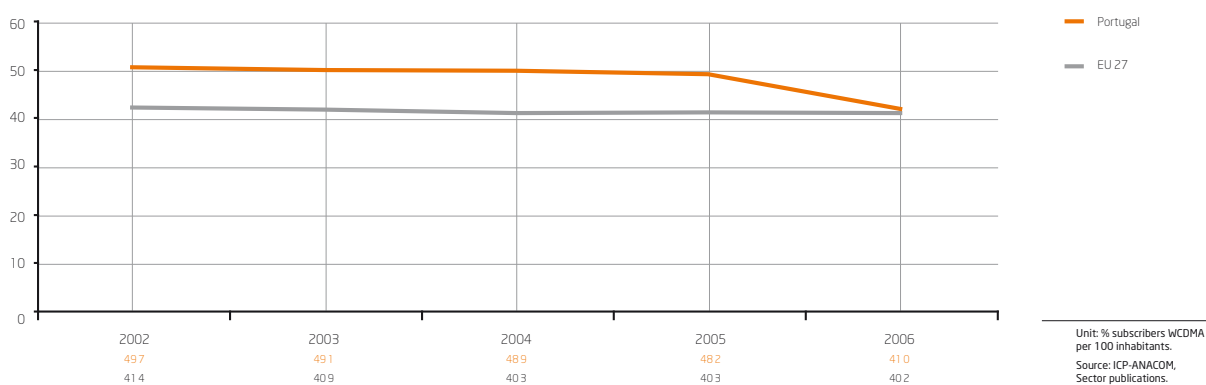
Main Telephone Lines per 100 Inhabitants - EU

Graph 14.



Main Telephone Lines per 100 Inhabitants

Graph 15.



4.4 Telephone Traffic

National Telephone Traffic

Table 24.

	2003	2004	2005	2006	2007
Minutes	13 560 723	11 413 374	9 678 335	8 497 338	7 868 144
Geografic National Voice Traffic	7 208 172	6 989 899	6 574 502	6 345 358	6 206 880
Direct access	6 200 693	5 702 758	5 214 446	5 032 705	5 160 590
De acceso indirecto	1 007 478	1 287 141	1 360 055	1 312 653	1 046 290
Fixed-to-Mobile National Traffic	1 301 530	1 253 890	1 219 520	1 154 572	1 153 560
Direct access	1 133 272	1 037 296	992 070	927 732	962 035
Indirect access	168 259	216 594	227 450	226 840	191 524
Internet Access Traffic	5 051 021	3 169 586	1 884 313	997 408	414 514
Nomadic VoIP traffic				n.d.	93 191
Calls	3 581 613	3 323 178	3 093 732	2 854 402	2 705 207
Geografic National Traffic	2 565 137	2 468 281	2 339 764	2 180 976	2 046 740
Direct access	2 178 144	1 983 702	1 842 103	1 702 681	1 642 985
Indirect access	386 994	484 580	497 661	478 295	403 755
Fixed-to-Mobile National Traffic	724 750	699 827	660 127	615 225	608 352
Direct access	634 639	583 209	539 797	497 363	510 867
Indirect access	90 111	116 618	120 330	117 862	97 486
Internet Access Traffic	291 726	155 069	93 841	58 202	30 375
Nomadic VoIP traffic				n.d.	19 740

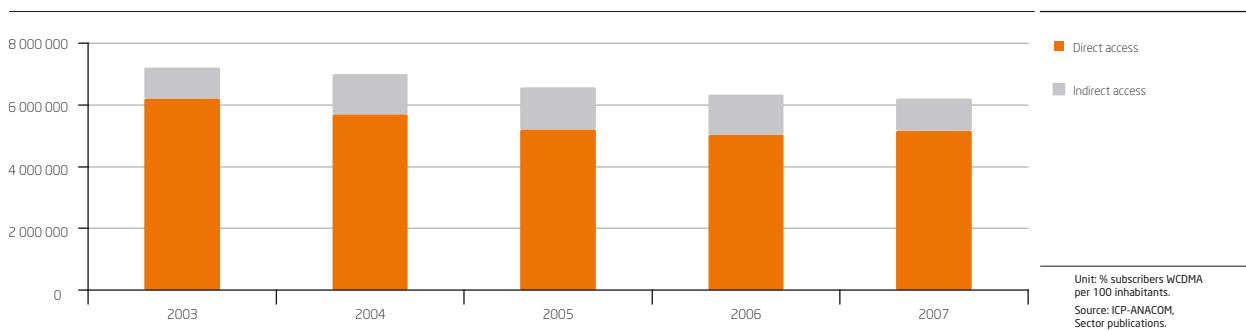
Unit: Thousand of minutes/Thousand of Calls.

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

National Telephone Traffic (minutes)

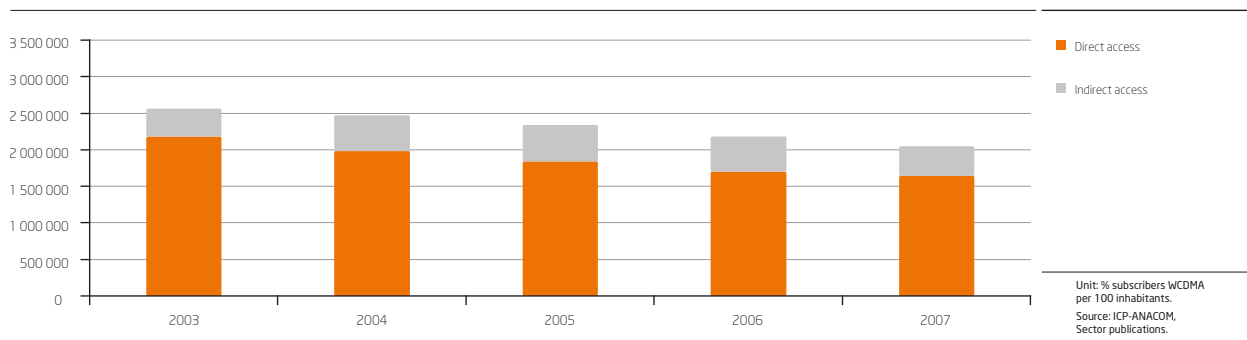
Graph 16.





National Telephone Traffic (calls)

Graph 17.



International Telephone Traffic

Table 25.

	2003	2004	2005	2006	2007
Minutes					
Outgoing	485.496	507.937	591.320	549.526	565.979
Direct access	414.600	408.404	489.328	456.532	488.542
Indirect access	70.896	99.533	101.992	92.994	77.437
Nomadic VoIP					5.168
Calls					
Outgoing	121.131	120.661	133.904	124.168	129.394
Direct access	100.007	93.743	106.569	98.465	106.201
Indirect access	21.125	26.918	27.335	25.703	23.193
Nomadic VoIP					1.188

Unit: Thousand of minutes/Thousand of calls.

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

4.5 Fixed Telephony and Public Telephones Revenues

Fixed Telephony and Public Telephones

Table 26.

	2003	2004	2005	2006	2007
Contracts	611.596	604.493	603.746	623.585	539.667
Traffic	858.819	803.299	690.421	585.170	497.190
National Traffic	679.486	649.802	554.792	470.315	390.027
International Traffic	128.286	110.710	94.523	80.623	76.441
SMS and Public Telephones	51.047	42.788	41.107	34.232	30.722
Other Revenues	61.750	12.592	15.751	12.058	9.354
Total Revenues*	1.532.165	1.420.384	1.309.918	1.220.814	1.046.211

Unit: 10³ Euros.

Source: ICP-ANACOM.

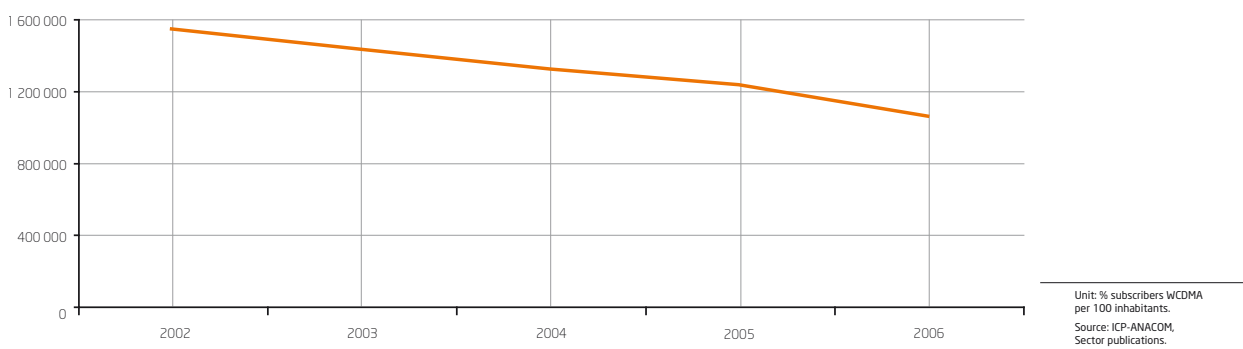
* Includes revenues from virtual call-cards.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Revenues

Graph 18.



Nomadic VoIP

Table 27.

	2003	2004	2005	2006	2007
Nomadic VoIP revenues					5.728

Unit: 10³ Euros.

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.



5. Cellular Mobile Service

5.1 Number of service providers

Number of Service Providers

Table 28.

	2003	2004	2005	2006	2007
Number of Service Providers	3	3	3	3	4

Unit: 1 Provider

Source: ICP-ANACOM.

Note: During 2007, CTT-Correios de Portugal, S.A. started the Mobile Telephone Service (MTS) provision based on a mobile operator infrastructure owner.

5.2 Number of subscribers

Mobile telephony

Table 28.

	2003	2004	2005	2006	2007
Pós-pagos	2.074	2.148	2.157	2.456	3.131
Pré-pagos	7.929	8.424	9.291	9.771	10.320
Number of subscribers	10.003	10.571	11.447	12.226	13.451

Unit: Thousand subscribers.

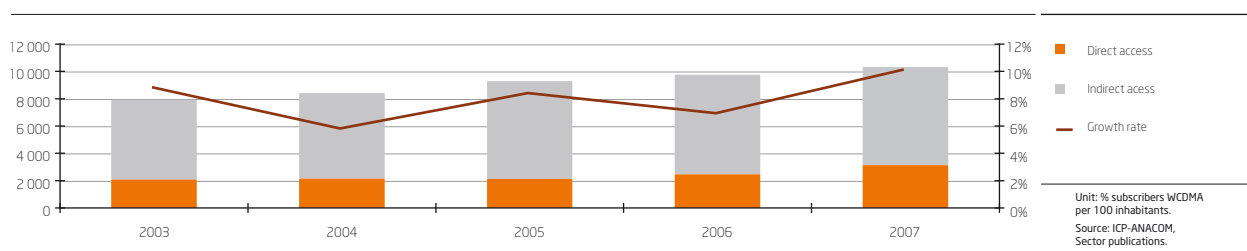
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Number of subscribers evolution and growth

Graph 19.



3G and 3,5G services users (UMTS and HSPA)

Table 30.

	2003	2004	2005	2006	2007
Total n. of possible users of UMTS services					3.074
of which were active in the period being reported					869

Unit: Thousand users

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

Mobile TV service

Table 31.

	2003	2004	2005	2006	2007
Number of Subscribers.				102.252	189.883

Unit: Thousand subscribers..

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

5.3 Market Penetration

Taxa de penetração em Portugal e na UE 15

Table 32.

	2003	2004	2005	2006	2007
Portugal	96	100	108	115	127
UE (15)	83	89	98	105	115

Unit: Number of subscribers per 100 inhabitants.

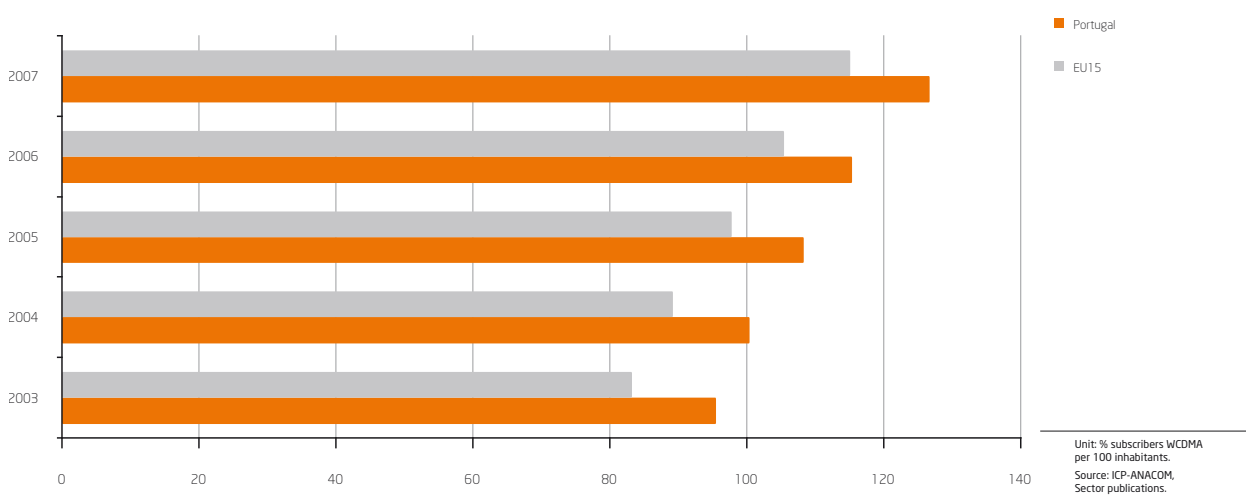
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Market Penetration

Graph 20.





Market Penetration - EU

Table 33.

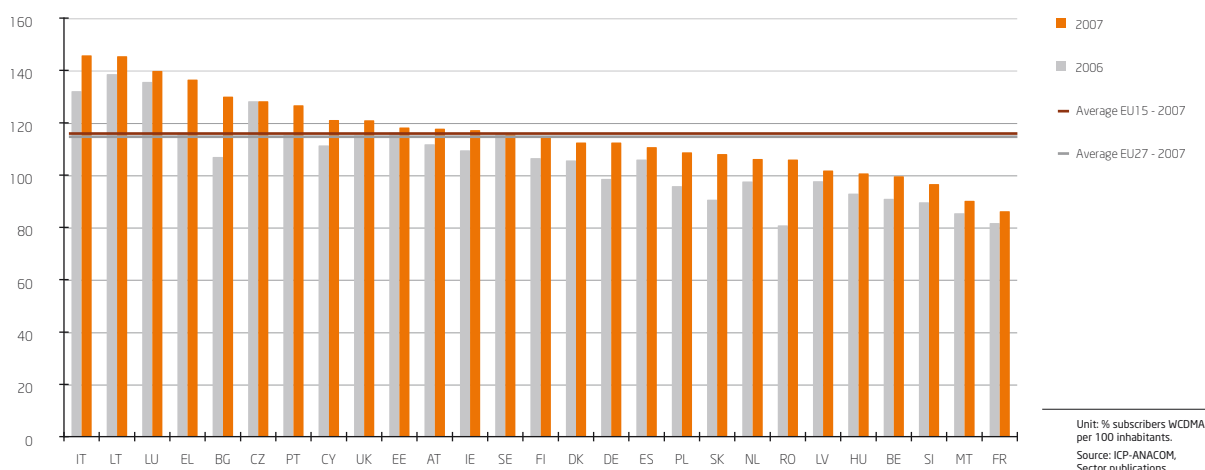
	2003	2004	2005	2006	2007
Germany	75	82	91	99	112
Austria	91	96	104	112	118
Belgium	76	82	84	91	100
Bulgaria				107	130
Cyprus	77	88	100	111	121
Denmark	92	97	99	106	113
Slovakia	68	79	84	91	108
Slovenia	91	96	90	90	97
Spain	89	88	97	106	111
Estonia	73	93	106	116	118
Finland	92	95	102	106	115
France	69	69	76	82	86
Great Britain	90	94	105	116	137
Greece	82	93	93	98	106
Netherlands	75	83	87	93	101
Hungary	86	89	100	109	117
Ireland	97	102	119	132	146
Italy	51	63	79	98	102
Latvia	64	100	125	139	145
Lithuania	118	126	134	136	140
Luxembourg	73	77	81	85	90
Malta	46	61	77	96	109
Poland	96	100	108	115	127
Portugal	90	101	108	115	121
Czech Rep.	95	106	113	128	128
Romania				81	106
Sweden	97	109	109	116	116
EU 27					114
EU 15	83	89	98	105	115

Unit: subscribers per 100 inhabitants.

Source: ICP-ANACOM, ARN's, Eurostat and Sector publications.

Market Penetration - EU

Graph 21.



5.4 Mobile traffic

Mobile traffic (calls and minutes)

Table 34.

	2003	2004	2005	2006	2007
Calls					
Outgoing traffic (*)	5 810	6 052	6 452	6 648	7 035
National mobile-fixed	542	517	512	534	552
Mobile-international	173	196	208	226	248
Mobile-mobile on-net	3 857	4 023	4 345	4 439	4 694
Mobile-mobile off-net	1 238	1 316	1 387	1 449	1 542
Incoming traffic	2 076	2 152	2 205	2 254	2 371
Mobile-mobile off-net	1 240	1 318	1 390	1 455	1 544
Fixed-mobile	691	659	627	593	610
International-mobile	145	176	189	206	217
Minutes					
Outgoing traffic (*)	10 004	10 649	11 608	12 452	13 646
National mobile-fixed	864	823	829	858	932
Mobile-international	479	510	537	583	642
Mobile-mobile on-net	6 663	7 169	7 929	8 520	9 362
Mobile-mobile off-net	1 998	2 147	2 313	2 491	2 709
Incoming traffic	3 659	3 836	4 008	4 225	4 552
Mobile-mobile off-net	1 999	2 148	2 314	2 494	2 705
Fixed-mobile	1 235	1 176	1 148	1 119	1 177
International-mobile	425	512	547	613	669

Unit: Millions.

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.



5.5 SMS,MMS traffic and video calls

SMS,MMS traffic and Video calls

Table 35.

	2003	2004	2005	2006	2007
Written messages (SMS) sent¹	2 302,8	2 528,8	4 689,4	12 452,5	18 439,1
On-net	1 469,6	1 673,5	3 793,4	11 531,3	17 449,8
Off-net	833,1	855,3	896,0	921,2	989,2
Written messages (SMS) sent "normal"	2 253,6	2 447,7	4 554,5	12 279,0	18 261,7
On-net	1 434,0	1 615,6	3 683,9	11 368,8	17 281,4
Off-net	819,6	832,1	870,6	910,2	980,2
Written messages (SMS) "Premium"¹	49,2	81,1	134,9	173,6	177,4
Incoming	35,6	57,9	109,4	162,5	168,4
Outgoing	13,6	23,2	25,4	11,0	9,0
Multimedia messages (MMS) sent²	3,2	19,9	35,9	50,4	48,7
On-net	2,4	15,0	28,1	39,5	38,5
Off-net	0,8	4,8	7,8	10,9	10,2
Video calls sent				4,2	3,6
Número de vídeo-chamadas originadas	n.d.	n.d.	n.d.	4,2	3,6
Video calls traffic volume				9,7	5,8
Video calls traffic volume	n.d.	n.d.	n.d.	9,7	5,8

Unit: Millions.

Source: ICP-ANACOM.

1 Include added value messages to content (incoming) and/or televoting (outgoing) services.

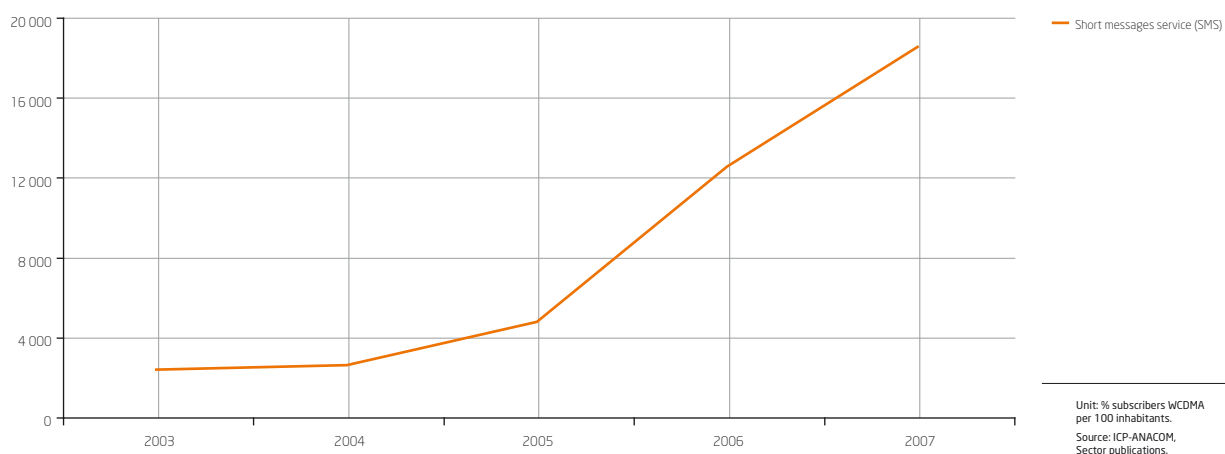
2 Valores de 2004 e de 2005 estimados.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

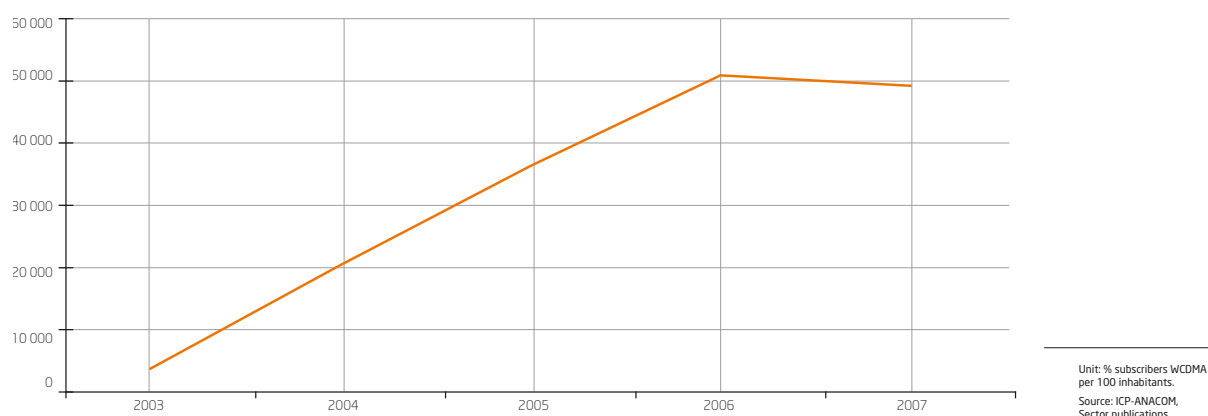
Written messages (SMS)

Graph 22.



Multimedia messages (MMS)

Graph 23.



5.6 Cellular Mobile Service Revenues

Revenues

Table 36.

	2003	2004	2005	2006	2007
Contracts and monthly fees	133.290	145.031	145.866	149.095	161.877
Traffic	1.886.543	2.072.194	2.161.422	2.242.027	2.375.342
Voice	n.d.	1.822.321	1.880.046	1.907.472	1.910.847
Data	n.d.	249.873	281.377	334.555	464.495
Others	309.967	394.472	379.176	354.214	378.089
Terminals	n.d.	n.d.	336.286	288.310	319.520
Other revenue	n.d.	n.d.	42.890	65.905	58.569
Total Revenues	2.329.800	2.611.697	2.686.465	2.745.337	2 915.309

Unit: 10³ Euros.

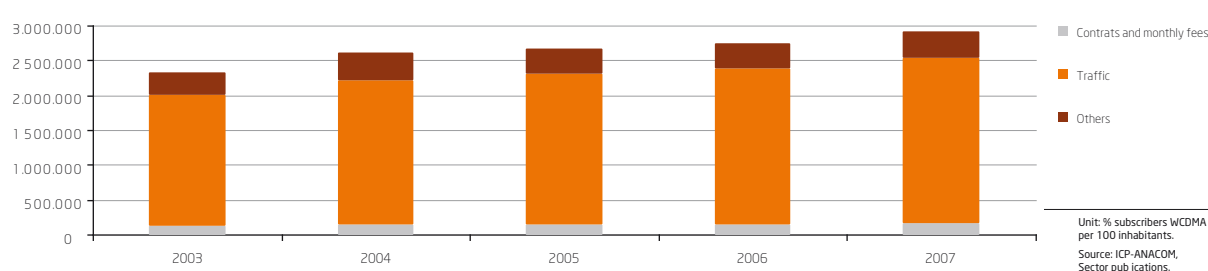
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Revenues

Graph 24.





6. Subscription TV Networks

6.1 Cable Networks

Number of Cabled Households

Table 37.

	2003	2004	2005	2006	2007
Number of Cabled Households	3.495	3.631	3.773	3.825	4.040

Unit: Thousands of Households.

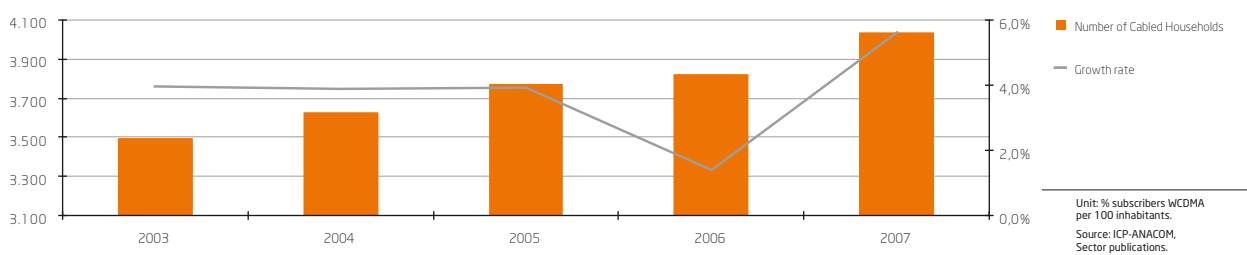
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Number of Cabled Households and Growth

Graph 25.



Number of Cable TV Subscribers

Table 38.

	2003	2004	2005	2006	2007
Cable TV	1.335	1.343	1.400	1.421	1.490
Direct to home (DTH)	342	375	395	436	484

Unit: Thousand subscribers

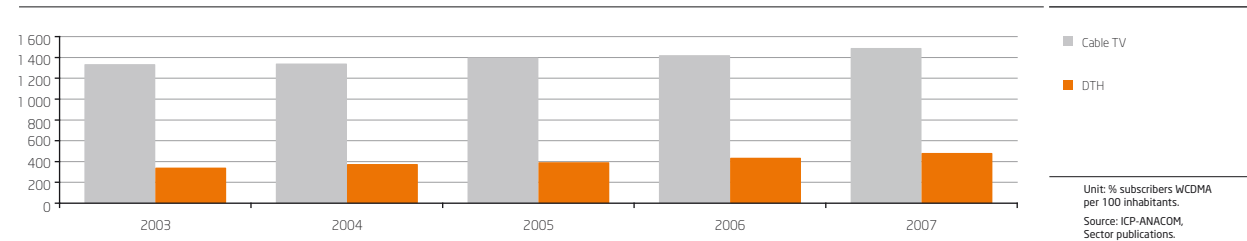
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Number of Subscribers

Graph 26.



Network infra-structure

Table 39.

	2003	2004	2005	2006	2007
Network heads (Nr.)	32	28	27	33	34
Cells (Nr.)	2.105	2.122	2.168	2.439	2.572
Bidirectional cells (Nr.)	1.939	2.022	2.109	2.387	2.516
Cables households with bidirectionality (Thousands)	3.191	3.481	3.660	3.778	4.098
Digital service subscribers	n.d.	n.d.	n.d.	779	906

Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Market penetration of Cable Networks

Table 40.

	2003	2004	2005	2006	2007
Subscribers/Households	25%	25%	26%	26%	27%
Subscribers/Cabled Households	41%	40%	40%	40%	39%
Subscribers/Population	13%	13%	13%	13%	14%

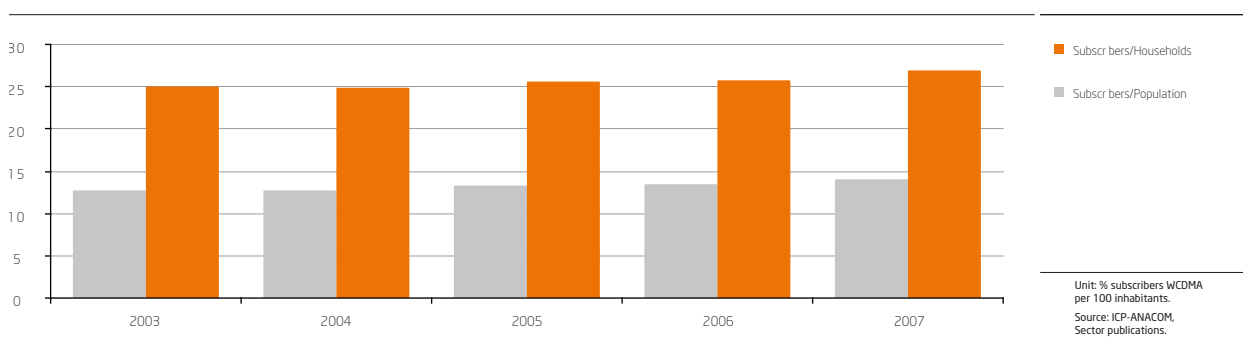
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Market penetration of Cable Networks

Graph 27.





Number of Cabled Households and Subscribers per NUTS III

Table 41.

		2003	2004	2005	2006	2007
Norte	Minho-Lima	15 703	16 236	17 534	19 542	23 801
	Cávado	114 087	118 362	122 454	138 310	140 738
	Ave	36 941	38 428	44 060	67 758	75 919
	Grande Porto	614 837	667 933	696 057	744 808	796 579
	Tâmega	11 433	11 829	12 630	28 835	29 370
	Entre Douro e Vouga	106 110	107 171	109 706	115 327	119 125
	Douro	10 052	10 342	10 793	10 631	12 796
Centro	Alto Trás-os-Montes	0	0	0	0	10 058
	Baixo Vouga	114 191	115 999	119 107	121 545	125 637
	Baixo Mondego	79 884	90 303	102 277	102 295	110 670
	Pinhal Litoral	64 975	68 999	71 253	67 404	71 622
	Pinhal-Interior-Norte	2 681	2 687	2 687	2 780	4 637
	Pinhal-Interior-Sul	0	0	0	0	0
	Dão-Lafões	46 417	46 898	48 311	48 472	52 605
	Serra da Estrela	7 003	7 047	7 047	7 138	7 138
	Beira-Interior-Norte	10 060	10 261	10 441	10 541	10 747
	Beira-Interior-Sul	17 160	17 180	17 451	18 697	18 709
	Cova da Beira	21 127	21 256	22 140	22 331	22 826
	Oeste	80 288	84 878	88 362	90 967	98 061
	Médio Tejo	35 156	35 783	38 491	38 796	40 864
Lisboa	Grande Lisboa	1 024 832	1 052 988	1 091 877	1 061 633	1 112 413
	Península de Setúbal	636 362	648 312	665 494	646 661	656 454
Alentejo	Lezíria do Tejo	60 677	61 751	65 329	59 600	62 766
	Alentejo Litoral	15 348	15 587	15 712	16 027	16 085
	Alto Alentejo	0	0	0	0	13 407
	Alentejo Central	34 031	34 266	34 858	33 033	39 741
	Baixo Alentejo	12 011	12 028	12 125	13 622	15 748
Algarve	Algarve	184 107	191 727	203 937	194 824	204 791
Açores	RAA	54 227	55 403	55 888	55 891	55 891
Madeira	RAM	84 792	86 943	86 793	87 711	90 594
Portugal	Total	3 494 492	3 630 597	3 772 814	3 825 179	4 039 792

Source: ICP-ANACOM.

Note 1: According to Decree-Law nr 244/2002, of November 5th, the region previously denominated "Lisboa e Vale do Tejo" were disaggregated. Now, the "Oeste" and "Médio Tejo" regions are part of "Centro" zone, and "Lezíria do Tejo" are part of "Alentejo" zone. The zone "Lisboa" region, only includes "Lisboa" and "Península de Setúbal" regions.

Note 2: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Subscribers

Table 42.

		2003	2004	2005	2006	2007
Norte	Minho-Lima	6 452	5 251	5 343	5 631	6 481
	Cávado	26 989	27 372	27 668	28 902	32 149
	Ave	13 742	13 148	13 270	15 756	18 833
	Grande Porto	226 207	230 117	238 085	240 931	262 862
	Tâmega	3 999	3 874	3 993	5 012	5 963
	Entre Douro e Vouga	34 457	34 813	36 138	37 080	38 549
	Douro	3 065	3 153	3 139	3 008	3 266
	Alto Trás-os-Montes	0	0	0	0	362
Centro	Baixo Vouga	41 380	41 981	44 261	45 002	47 578
	Baixo Mondego	30 980	30 402	31 320	31 435	32 648
	Pinhal Litoral	17 158	16 249	16 894	16 906	17 154
	Pinhal-Interior-Norte	989	1 020	1 033	1 028	1 233
	Pinhal-Interior-Sul	0	0	0	0	0
	Dão-Lafões	13 682	13 132	13 729	13 835	14 421
	Serra da Estrela	2 378	2 390	2 462	2 457	2 450
	Beira-Interior-Norte	4 399	4 552	4 727	4 865	4 964
	Beira-Interior-Sul	7 336	7 633	7 929	8 343	7 986
	Cova da Beira	7 828	7 941	8 272	8 638	8 860
	Oeste	25 743	26 252	27 402	28 496	31 016
	Médio Tejo	9 891	9 659	9 967	9 717	11 052
Lisboa	Grande Lisboa	496 172	495 580	515 539	514 176	519 995
	Península de Setúbal	182 166	180 363	191 852	194 808	203 024
Alentejo	Lezíria do Tejo	12 930	13 301	13 963	14 301	14 619
	Alentejo Litoral	7 127	7 269	7 547	7 665	7 801
	Alto Alentejo	0	0	0	0	3 800
	Alentejo Central	9 817	10 614	11 302	12 036	14 522
	Baixo Alentejo	5 237	5 143	5 299	5 716	6 256
Algarve	Algarve	50 633	50 336	52 596	52 600	56 082
Açores	RAA	37 881	38 751	40 047	43 827	45 695
Madeira	RAM	56 461	62 365	66 073	68 367	70 277
Portugal	Total	1 335 099	1 342 661	1 399 850	1 420 538	1 489 898

Source: ICP-ANACOM.

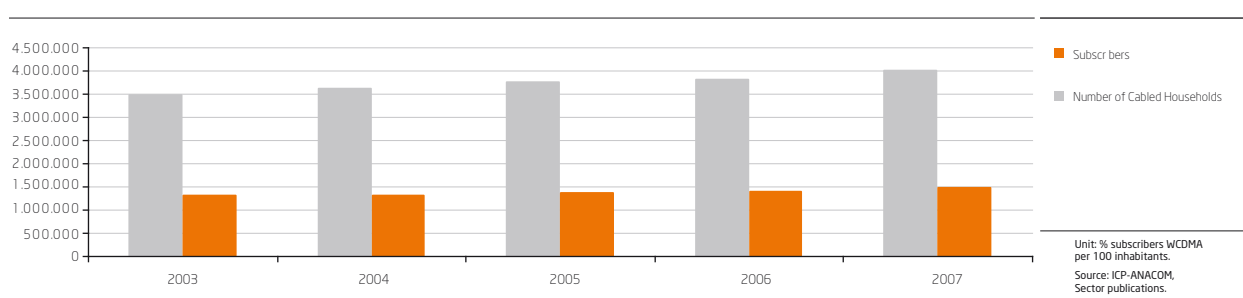
Note 1: According to Decree-Law nr 244/2002, of November 5th, the region previously denominated "Lisboa e Vale do Tejo" were disaggregated. Now, the "Oeste" and "Médio Tejo" regions are part of "Centro" zone, and "Lezíria do Tejo" are part of "Alentejo" zone. The zone "Lisboa" region, only includes "Lisboa" and "Península de Setúbal" regions.

Note 2: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Cabled Households and Subscribers

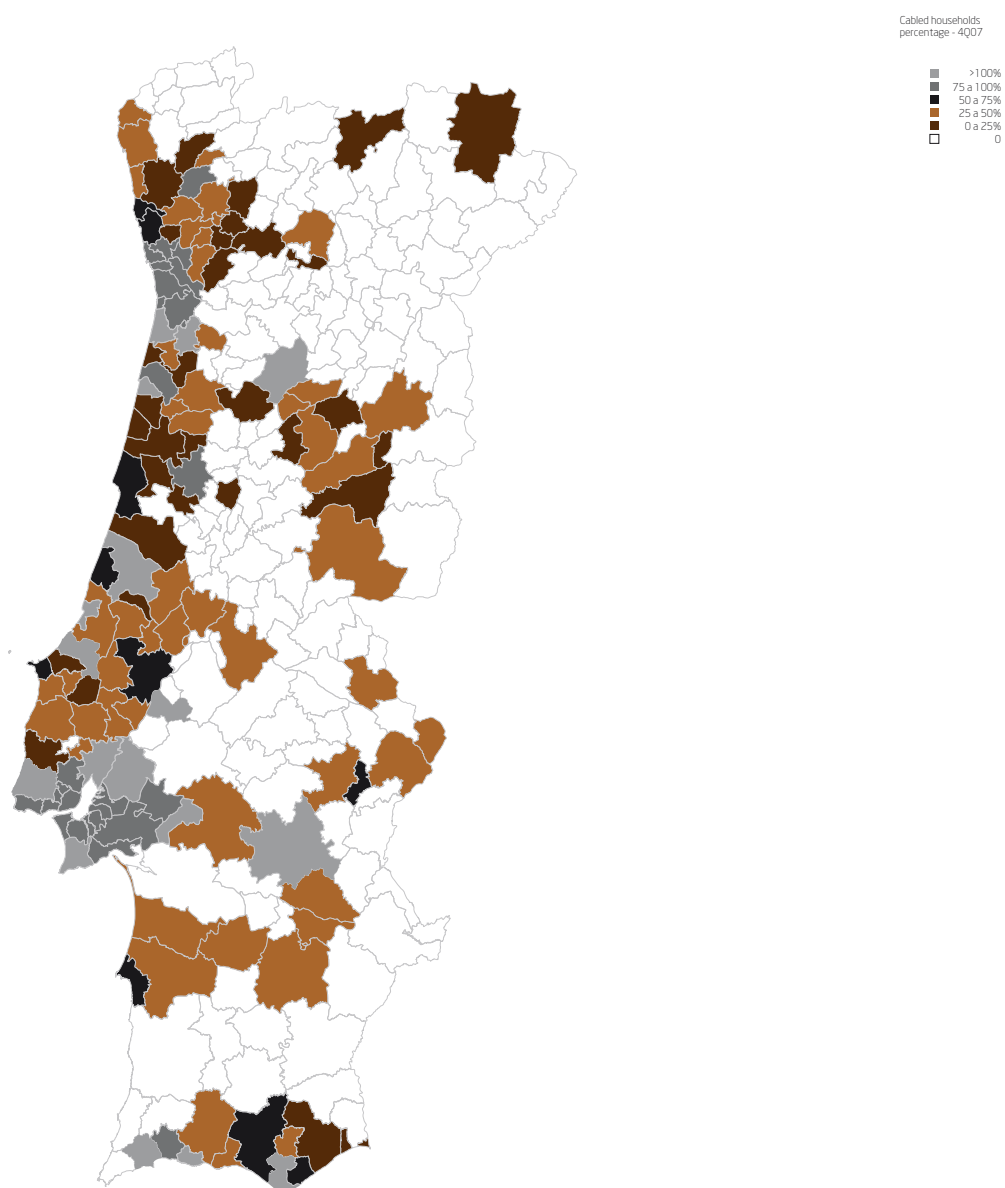
Graph 28.





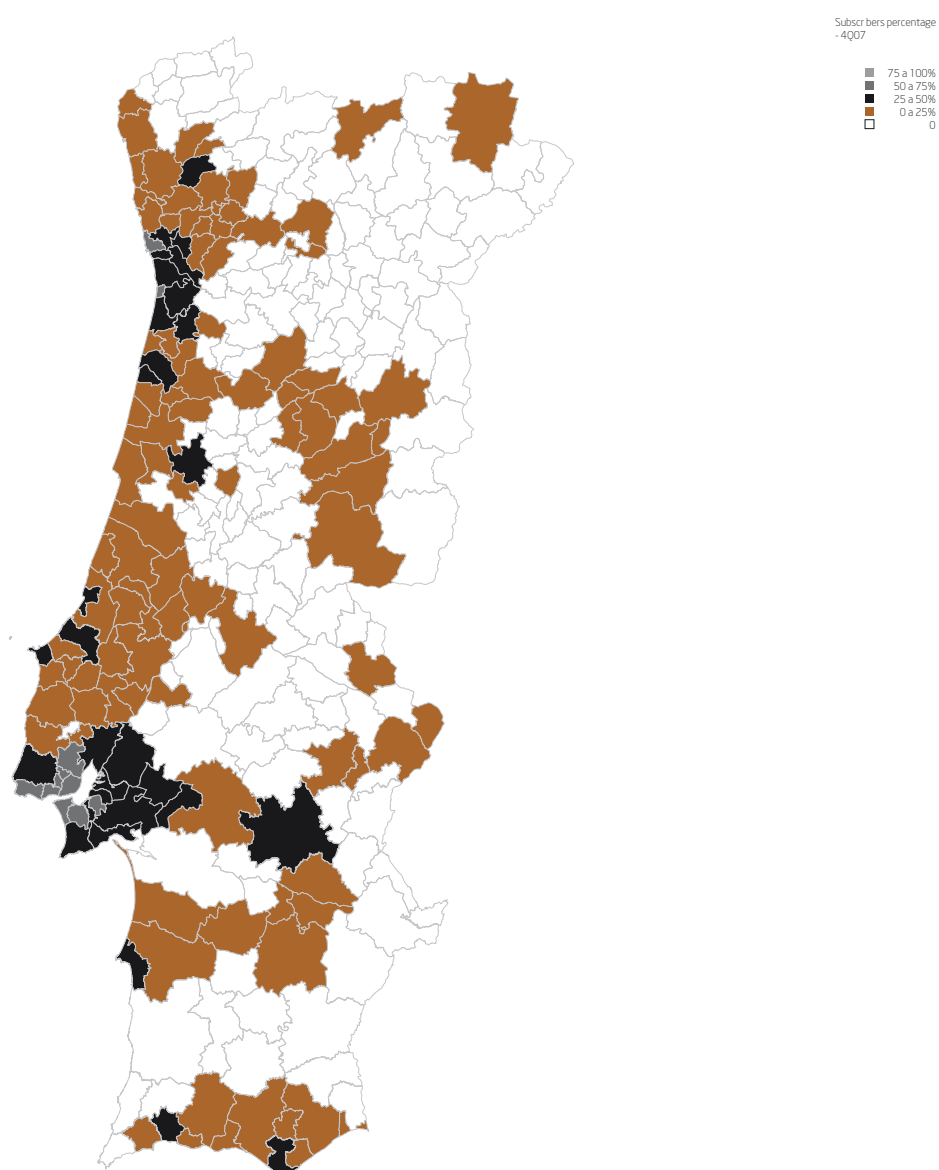
Cabled Households - 2007

Graph 29.



Subscribers - 2007

Graph 30.



Unit: %
Source: ICP-ANACOM



Cable Networks Revenues

Table 43.

	2003	2004	2005	2006	2007
Cable TV	296.488	320.732	344.055	366.616	392.701
Direct to home	94.226	113.033	127.246	127.597	144.820
Revenues	390.714	433.765	471.301	496.213	537.522

Unit: 10³ Euros.

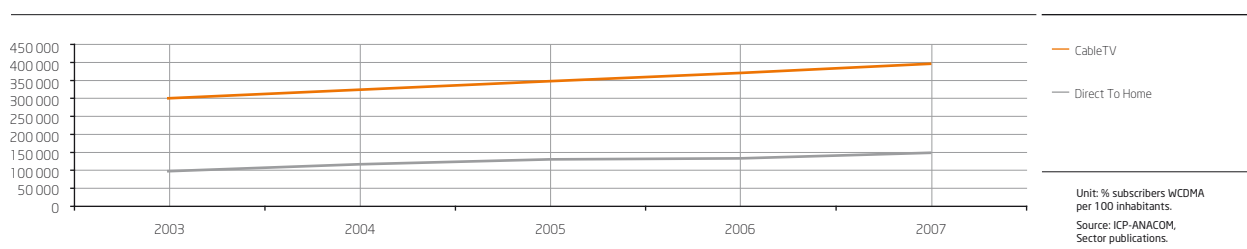
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

Revenues

Graph 31.



6.2 Other television distribution technologies (IPTV, DVBT, etc.)

Subscribers of other television distribution technologies (IPTV, DVBT, etc.)

Table 44.

	2005*	2006	2007
IPVT subscribers and similars	348	3.292	40.642

Unit: Nr Subscribers.

Source: ICP-ANACOM.

* In 2005 there were only trial customers.

Note: This information was given from Service providers and can be corrected in the future.

Revenue from other television distribution technologies (IPTV, DVBT, etc.)

Table 45.

	2005*	2006	2007
IPVT revenue and similars	13	573	5.718

Unit: 10³ Euros.

Source: ICP-ANACOM.

* 2005 revenues are only of trial customers.

Note: This information was given from Service providers and can be corrected in the future.

7. Internet Access Service and non-nomadic VoIP

7.1 Wired Technologies

Internet Access Service Providers

Table 46.

	2003	2004 ⁽¹⁾	2005	2006	2007
Authorized ISP's	52	38	39	38	42
Active ISP	26	30	30	28	34

Unit: 1 Provider.

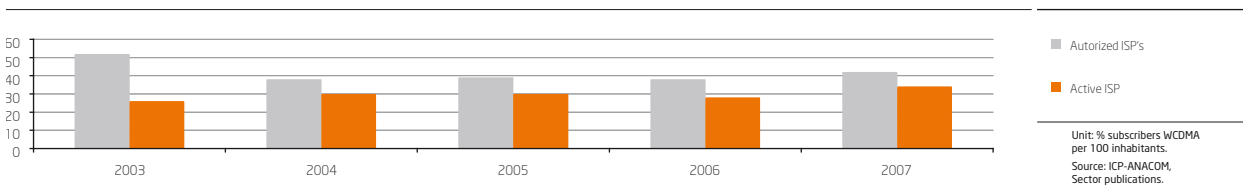
Source: ICP-ANACOM.

(1) The 2004 values were updated.

Note: This information was given from Service providers and can be corrected in the future.

Internet Access Service Providers

Graph 32.



Number of Internet Customers

Table 47.

	2003 ⁽¹⁾	2004	2005	2006	2007
Total number of customers⁽¹⁾	903 948	1 223 566	1 436 486	1 580 090	1 611 873
Residential		1 066 022	1 222 205	1 326 677	1 355 661
Non-residential		157 544	214 281	253 413	256 213
Dial Up Customers ⁽¹⁾	401 918	394 943	271 046	156 403	99 326
Residential	n.d.	371 696	253 286	139 783	86 234
Non-residential	n.d.	23 247	17 760	16 620	13 092
Other access technologies customers	3 207	2 830	2 748	4 623	14 656
Residential	0	0	0	1 893	11 382
Non-residential	3 200	2 830	2 748	2 730	3 274
ADSL access customers	184 344	410 877	672 800	881 512	892 092
Residential	n.d.	299 432	502 075	673 729	678 794
Non-residential	n.d.	111 445	170 725	207 782	213 299
Cable Modem Customers	314 479	414 916	489 892	537 552	605 799
Residential	295 839	394 894	466 844	511 272	579 251
Non-residential	18 640	20 022	23 048	26 280	26 548

Unit: 1 Customer

Source: ICP-ANACOM.

(1) The number of dial-up clients accounting criteria was changed at 2004. The published series in 2000, 2001, 2002 and 2003 did not contained active clients only. The corresponding values were estimated, including total clients.

Note 1: The commercial offer of internet access service via cable distribution networks began at the end of 1999. The commercial offer of ADSL access began in the 1st quarter of 2001..

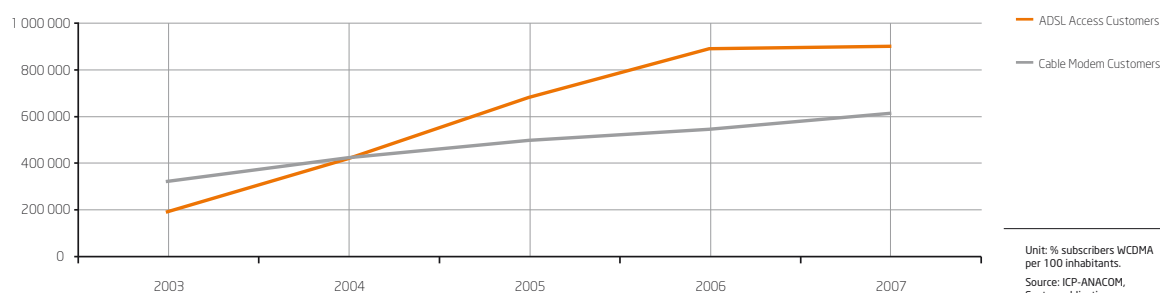
Note 2: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.



Broadband Internet Customers

Graph 33.



Internet Fixed Access Market Penetration

Table 48.

	2003	2004	2005	2006	2007
Market Penetration (*)	8.6%	11.6%	13.6%	14.9%	15.2%
Broadband customers per 100 inhabitants (ADSL + cable modem + other)	4.8%	7.9%	11.0%	13.4%	14.2%

Unit: Number of customers per 100 inhabitants

Source: ICP-ANACOM.

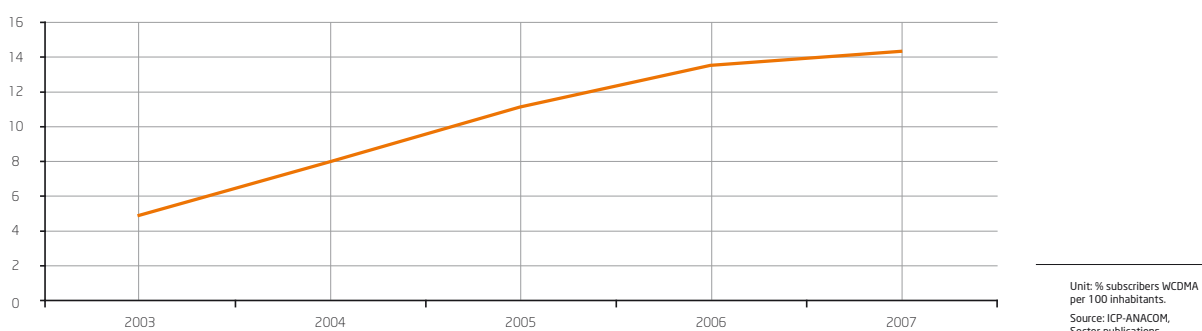
Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

(*) To calculate penetration, the total customers for any access type was considered.

Broadband Market Penetration (ADSL+Cable modem+other)

Graph 34.



Internet Users - EU

Table 49.

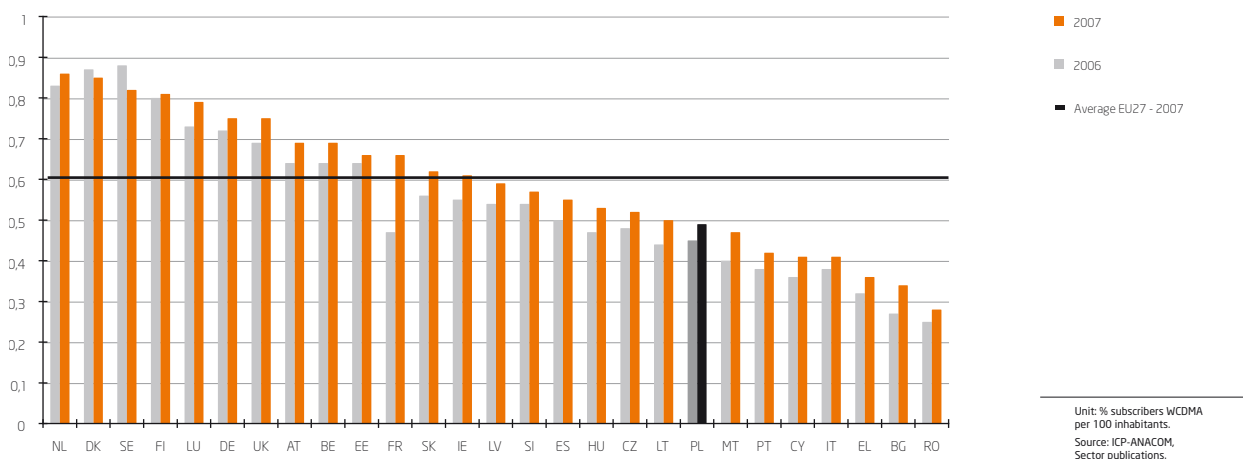
	2003	2004	2005	2006	2007
Germany	56	65	69	72	75
Austria	43	54	58	64	69
Belgium			60	64	69
Bulgaria		18		27	34
Cyprus		34	33	36	41
Denmark	76	81	83	87	85
Slovakia		53	55	56	62
Slovenia		41		54	57
Spain		44	48	50	55
Estonia		53	61	64	66
Finland	69	72	74	80	81
France				47	66
Great Britain	18	21	24	32	36
Greece			81	83	86
Netherlands		29	39	47	53
Hungary	34	37	42	55	61
Ireland	29	33	35	38	41
Italy		39	46	54	59
Latvia		31	36	44	50
Lithuania	55	66	70	73	79
Luxembourg			41	40	47
Malta		33	39	45	49
Poland	30	32	35	38	42
Portugal	65	66	70	69	75
Czech Rep.	34	35	35	48	52
Romania		15		25	28
Sweden	79	84	85	88	82
Average EU 27		47	54	55	60

Unit: %.

Source: Eurostat (percentage of individuals that used internet in the last year).

Internet Users - EU

Graph 35.





Internet Broad Band Market Penetration

Table 50.

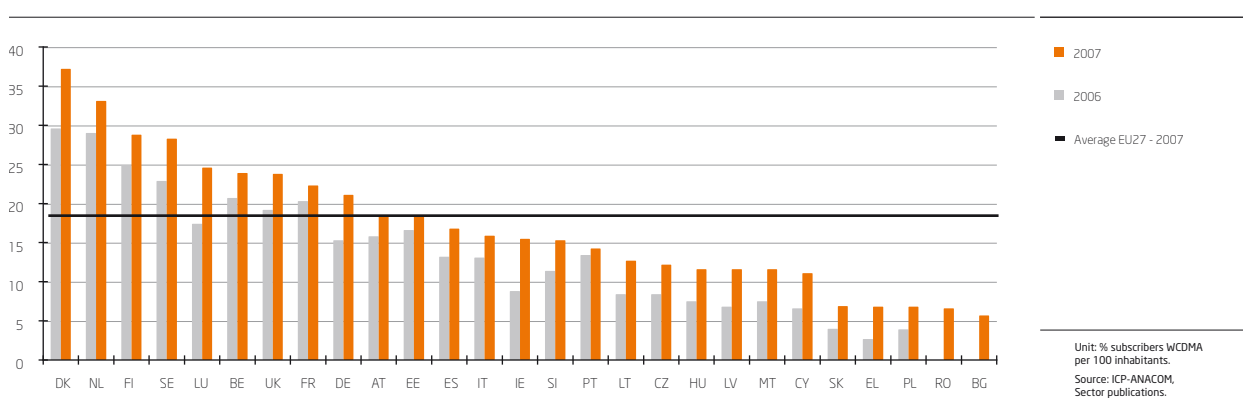
	2003	2004	2005	2006	2007
Germany	4,8	6,7	10,2	15,3	21,1
Austria	6,6	8,7	11,6	15,8	18,4
Belgium	10,1	14,0	17,4	20,7	23,9
Bulgaria					5,7
Cyprus		2,0	2,7	6,6	11,1
Denmark	10,4	15,6	22,0	29,6	37,2
Slovakia		0,4	1,5	4,0	6,9
Slovenia		3,8	7,8	11,4	15,3
Spain	4,3	6,7	10,0	13,2	16,8
Estonia		7,6	11,1	16,6	18,4
Finland	6,6	11,0	18,7	24,9	28,8
France	4,0	8,2	13,9	20,3	22,3
Great Britain	0,0	0,2	0,8	2,7	6,8
Greece	9,8	14,7	22,4	29,0	33,1
Netherlands		2,2	4,5	7,5	11,6
Hungary	0,2	1,7	4,4	8,8	15,5
Ireland	2,8	6,1	9,5	13,1	15,9
Italy		1,5	3,7	6,8	11,6
Latvia		2,5	5,0	8,4	12,7
Lithuania	2,3	5,7	11,7	17,4	24,6
Luxembourg		3,5	4,5	7,5	11,6
Malta		0,5	1,9	3,9	6,8
Poland	4,8	7,9	11,0	13,4	14,2
Portugal	3,7	7,4	13,5	19,2	23,8
Czech Rep.		0,7	4,3	8,4	12,2
Romania					6,6
Sweden	8,6	12,1	17,1	22,9	28,3
Média EU 27					18,2

Unit: %

Source: Eurostat (information referred to July of each year in absence of final year's data).

Internet Broad Band Market Penetration

Graph 36.



Broadband accesses

Table 51.

	2003	2004	2005	2006	2007
Cable Modem Accesses	314.679	415.107	490.132	537.650	605.799
ADSL Accesses	184.860	424.169	700.456	916.037	927.759
Other broadband technologies (*)	3.523	3.282	3.218	5.251	15.503

Unit: Accesses/100 inhabitant

Source: ICP-ANACOM.

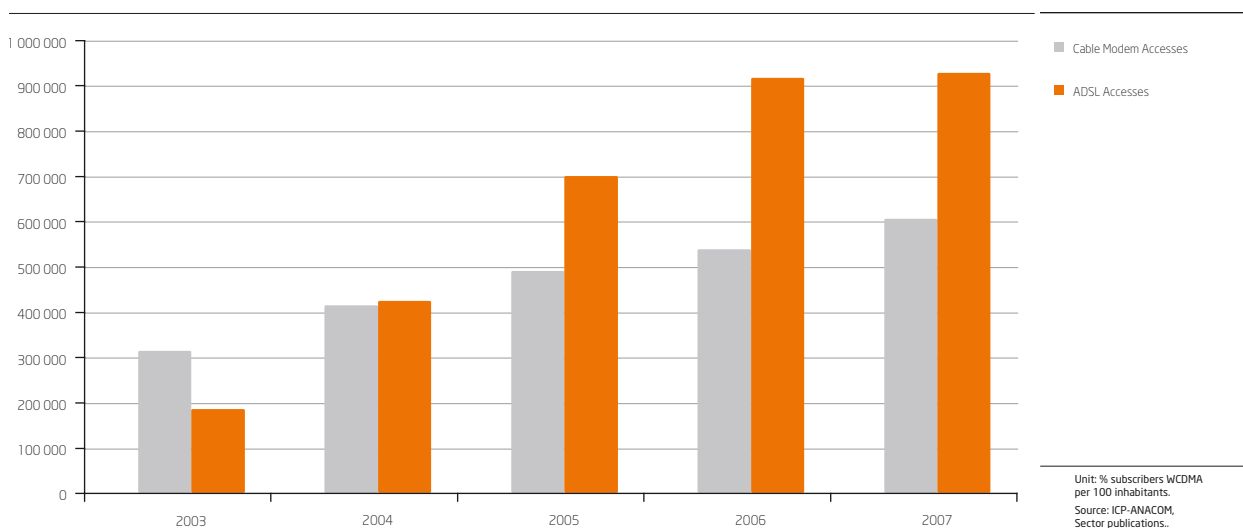
Note: Some values were revised due to providers information updates.

This information was given from Service providers and can be corrected in the future.

(*) It includes the supply of internet access service by dedicated lines, using diverse technologies and that is mainly broadband and addressed to the business category. It includes service supply using FWA (fixed wireless access) accesses.

Cable and ADSL Accesses

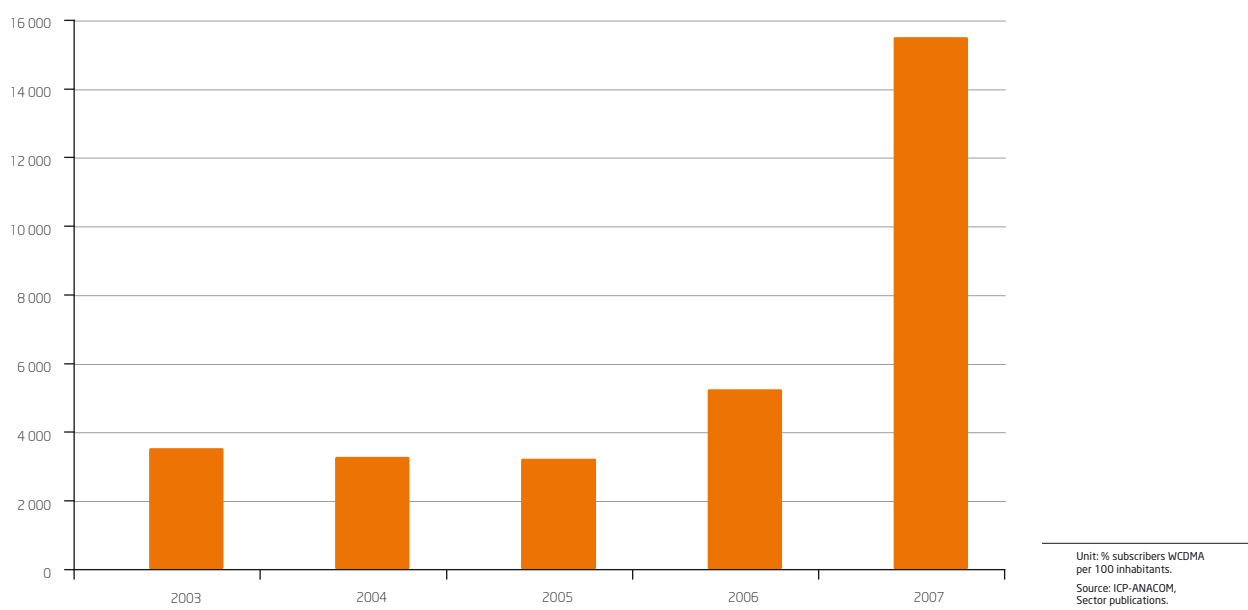
Graph 37.





Other Broadband Technologies

Graph 38.



Internet revenue

Table 52.

	2003	2004	2005	2006	2007
Internet access service	302.011	367.365	420.877	454.598	479.611
Acesso Dial Up	120.287	75.108	49.225	29.632	12.699
ADSL access	54.482	148.248	202.146	260.381	287.068
Cable modem access	67.574	101.230	126.617	136.237	148.583
Other Internet access	31.806	31.601	37.860	26.160	28.602
Other revenues	27.863	11.178	5.029	2.188	2.660

Unit: 10³ Euros.

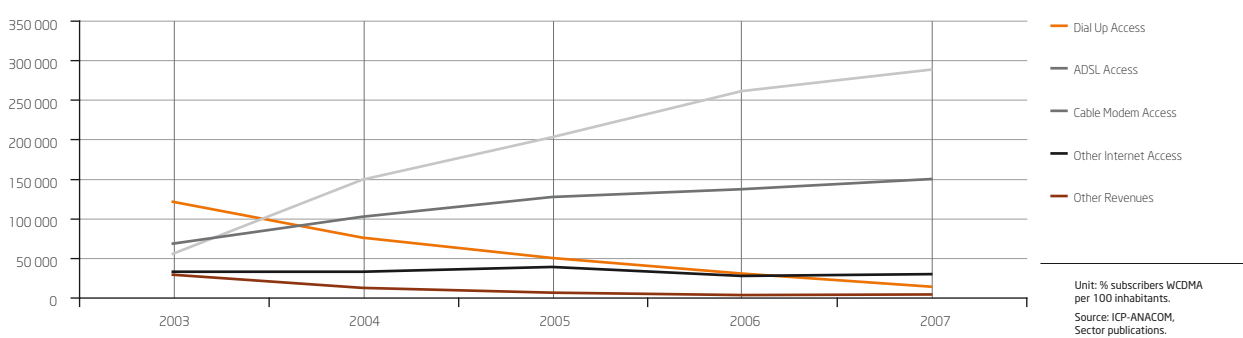
Source: ICP-ANACOM.

Note: Some values were revised due to providers information updates.

Other data transmission services were withdrawn.

This information was given from Service providers and can be corrected in the future.

Revenue
Graph 39.



Revenue
Graph 40.



7.2 Wired technologies

Internet Access Service Providers

Table 53.

	2003	2004	2005	2006	2007
Autorized ISP's	3	3	3	3	3
Active ISP	3	3	3	3	3

Unit: 1 provider

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.



Number of users

Table 54.

	2003	2004	2005	2006	2007
Nr of users that accessed broadband mobile internet in the year					1.455
Of which active					660

Unit: Thousands of users

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

Outgoing traffic

Table 55.

	2003	2004	2005	2006	2007
Nr of APN internet sessions	Thousand of sessions				257.347
Volume of APN internet traffic	Thousand of MB				5.066.187

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

Revenue from Mobile Internet Access

Table 56.

	2003	2004	2005	2006	2007
Internet access service (*)					131.872

Unit: 10³ Euros.

Source: ICP-ANACOM.

* Includes broadband and narrow band revenues

Note: This information was given from Service providers and can be corrected in the future.

Internet Mobile Broadband Access Market Penetration

Table 57.

	2003	2004	2005	2006	2007
Mobile Broadband Market Penetration					13,7%

Unit: Number of customers per 100 inhabitants.

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

7.3 Voice Over IP (VoIP)

Non-nomadic VoIP (*)

Table 58.

	Unit	2006	2007
Nr Customers	1 Customer	14.200	18.982
Revenues	Euros	394.063	495.720

Source: ICP-ANACOM.

Note: This information was given from Service providers and can be corrected in the future.

*These are Voip services with no geographic or nomadic numbering.

8. Radiocommunications Services

8.1 Licences by Service

Station Licences

Table 59.

	2003	2004	2005	2006	2007
Broadcasting	1 322	1 382	1 412	1 419	1 467
Sound MF Broadcasting	636	673	665	661	674
Sound SW Broadcasting	3	3	3	3	3
Sound MW Broadcasting	54	54	54	54	52
Television Broadcasting	629	652	690	701	738
Fixed	86	94	82	98	75
Fixed - Short Wave	14	14	14	24	24
Fixed - Satellite	72	80	68	74	51
Mobile	781	789	827	845	860
Aeronautics Mobile Service	231	235	222	229	233
Maritime Mobile Service	550	554	605	616	627

Unit: 1 station licence.
Source: ICP-ANACOM.

Network licences

Table 60.

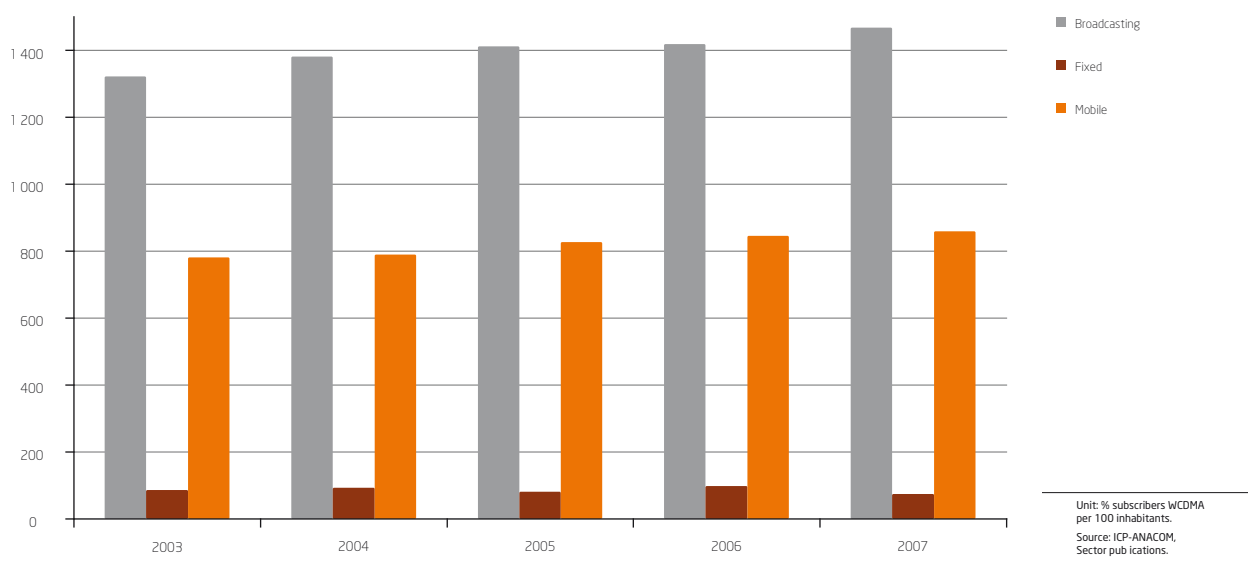
	2003	2004	2005	2006	2007
Fixed	443	454	458	483	522
Fixed - FWA Point Multipoint	9	10	9	8	8
Fixed - Point to Point	434	444	449	475	489
Fixed - Satellite	-	-	-	-	25
Mobile	2 654	2 636	2 503	2 526	2 531
Cellular Mobile Service - Private	2 654	2 636	2 503	2 526	2 531
Public Communications	6	11	10	9	9
Trunking - Public	3	5	4	3	3
Cellular Mobile Service - Public	3	6	6	6	6
Other services	40	37	53	60	126

Unit: 1 network licence.
Source: ICP-ANACOM.



Station Licences

Graph 41.



Network Licences

Graph 42.

