Note: the present report was prepared according to available information and estimates were used where providers failed to send information in a timely manner. Such information may be subject to future rectification.

Electronic communications

1. Electronic communications infrastructures

1.1. Installed access - Acess Network

Installed resources | Table 196

	2005	2006	2007	2008	2009
Pair of copper	5,740,093	5,649,285	5,578,026	5,355,566	5,801,826
Coaxial Cable (includes fiber-coaxial access)	1,968,811	1,983,140	2,172,427	2,201,647	2,252,302
Optical fiber	8,689	10,258	19,239	21,826	1,109,646
Satellite access	355,656	394,163	432,226	548,996	612,655
(xDSL)	637,749	880,969	833,173	919,762	1,030,280
Fixed Wireless Radio (FWA) [1]	5,703	9,486	16,223	24,306	26,102

Unit: 1 access
Source: ICP-ANACOM
1 The FWA data is in the scope of the licenses attributed in the public competition.
The decrease of the number of FWA accesses is dued to the fact that two of the operators ceased to provide the service.

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

2. Leased lines

2.1. Leased Lines Customers

Customers | Table 197

	2005	2006	2007	2008	2009
Retail leased lines	3,714	3,302	3,012	2,845	2,540
Wholesale leased lines	141	184	217	199	189

Unit: 1 customer
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

2.2. Leased lines

Leased lines by technology | Table 198

Retail and wholesale leased lines	2005	2006	2007	2008	2009
Analogue	**29,151**	**26,225**	**18,820**	**17,298**	**15,359**
Digital	**65,476**	**67,436**	**64,210**	**70,445**	**67,948**
< 64 Kbps	139	143	114	137	100
64 Kbps	13,931	13,303	12 465	10,155	7,306
n * 64 Kbps	24,405	23,757	22,696	21,239	20,190
2 Mbps	25,844	28,945	27,401	37,327	38,759
34 Mbps	522	503	509	493	504
>= 140 Mbps	635	785	1,025	1,094	1,089

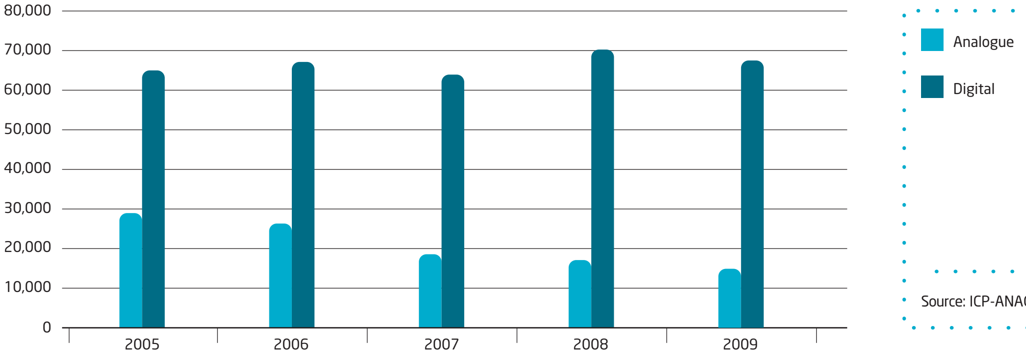
Retail and wholesale leased lines	2005	2006	2007	2008	2009
Analogue	**6,809**	**6,170**	**5,567**	**5 ,079**	**4,592**
Digital	**11,471**	**8,501**	**8,457**	**6,843**	**6,099**
< 64 Kbps	114	101	95	94	95
64 Kbps	3,179	3,036	2,725	1,797	1,414
n * 64 Kbps	5,831	3,710	3,509	2,170	2,738
2 Mbps	2,252	1,559	2,010	2,675	1,756
34 Mbps	90	77	89	69	61
>= 140 Mbps	5	18	29	38	35

Wholesale leased lines	2005	2006	2007	2008	2009
Analogue	**22,342**	**20,055**	**13,253**	**12,219**	**10,767**
Digital	**54,005**	**58,935**	**55,753**	**63,602**	**61,849**
< 64 Kbps	25	42	19	43	5
64 Kbps	10,752	10,267	9,740	8,358	5,892
n * 64 Kbps	18,574	20,047	19,187	19,069	17,452
2 Mbps	23,592	27,386	25,391	34,652	37,003
34 Mbps	432	426	420	424	443
>= 140 Mbps	630	767	996	1,056	1,054

Unit: 1 circuit
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Leased lines by technology | Graph 192



Source: ICP-ANACOM

2.3. Leased lines revenues

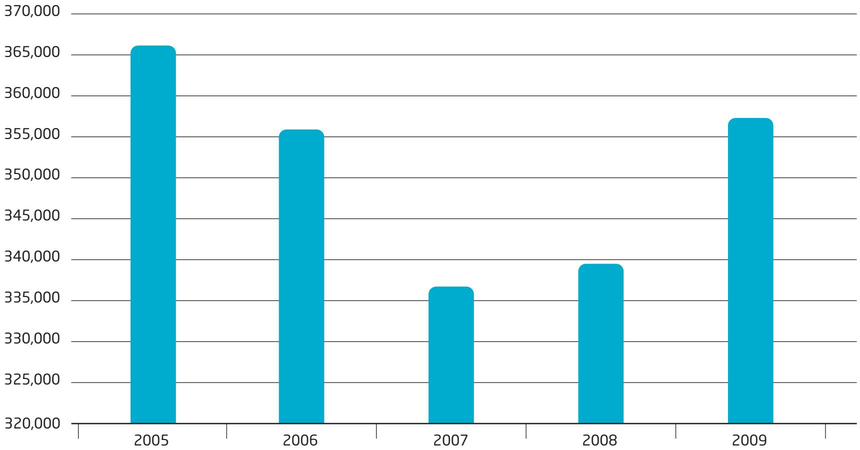
Leased lines revenues | Table 199

	2005	2006	2007	2008	2009
Leased lines retail revenues	53,162	46,899	49,797	51,004	50,389
Leased lines wholesale revenues	313,016	309,010	287,034	288,508	307,176
Revenues	**366,178**	**355,909**	**336,831**	**339,512**	**357,564**

Unit: 10^3 euros
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. In particular, the wholesale revenues were changed due to corrections in the series of an operator, which included in this item wholesale revenues from other services. These figures were based on data supplied by service providers and may be corrected.

Revenues | Graph 193



Unit: 10^3 euros
Source: ICP-ANACOM

3. Fixed telephone service

3.1. Active providers

3.1.1. STF

STF | Table 200

	2005	2006	2007	2008	2009
Licensed providers	**22**	**23**	**24**	**25**	**25**
Active providers	**14**	**13**	**17**	**17**	**17**
With direct and indirect access traffic	10	9	11	11	9
With direct access traffic only	1	2	5	5	6
With indirect access traffic only	3	2	1	1	2

Unit: 1 provider
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

3.1.2. Non-nomadic VoIP service

Non-nomadic VoIP service | Table 201

	2006	2007	2008	2009
Active providers	n.d.	6	9	7

Unit: 1 provider
Source: ICP-ANACOM

Note: These figures were based on data supplied by service providers and may be corrected.

3.1.3. Nomadic VoIP service

Nomadic VoIP service | Table 202

	2006	2007	2008	2009
Licensed providers	n.d.	13	18	20
Active providers	n.d.	6	6	8

Unit: 1 provider
Source: ICP-ANACOM

3.2. Access lines

3.2.1. Number of lines

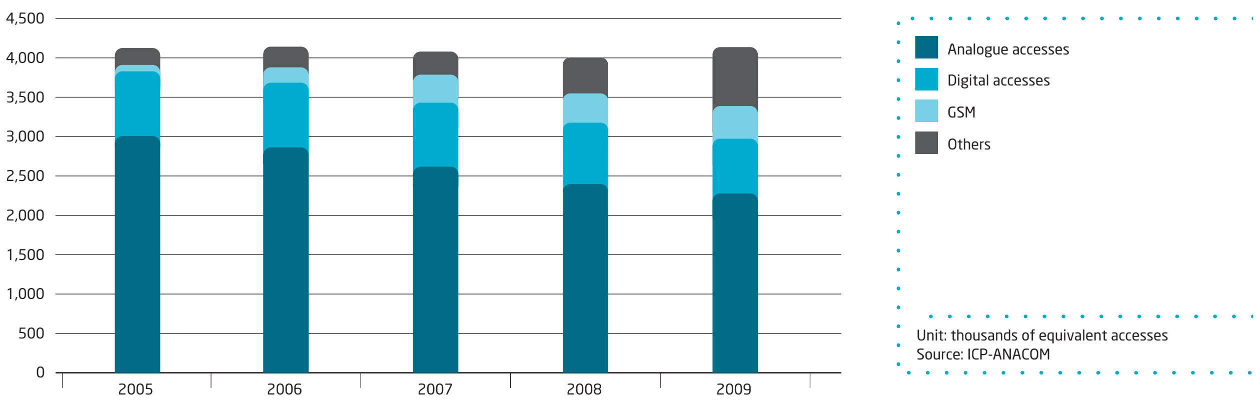
Number of lines | Table 203

	2005	2006	2007	2008	2009
Total main lines[1]	**4,235,8**	**4,241,8**	**4,203,8**	**4,110,5**	**4,254,9**
Accesses installed on customer request	**4,127,5**	**4,135,8**	**4,078,4**	**4,004,4**	**4,133,0**
Analogue accesses	2,999,7	2,849,9	2,610,7	2,396,9	2,280,1
Digital accesses	832,8	823,2	812,8	763,3	701,7
ISDN basic rate	524,8	511,0	494,1	467,8	416,4
ISDN primary rate	302,5	306,0	313,5	293,1	282,6
ISDN Partitioned Primary Rate	4,6	5,3	4,2	1,1	1,0
Others (Diginet,...)	1,0	0,9	1,0	1,2	1,8
GSM	71,5	211,2	364,9	399,5	424,1
Others[2]	223,4	251,5	289,9	444,6	727,1

Unit: thousands of equivalent accesses
Source: ICP-ANACOM
1 Includes Public Payphones and own complement
2 Includes Voice over internet accesses, offered in a fixed place and perceived by the users as a fixed telephone service or equivalent and accesses by cable telephony.

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Accesses installed on customer request | Graph 194



3.2.2. Public payphones

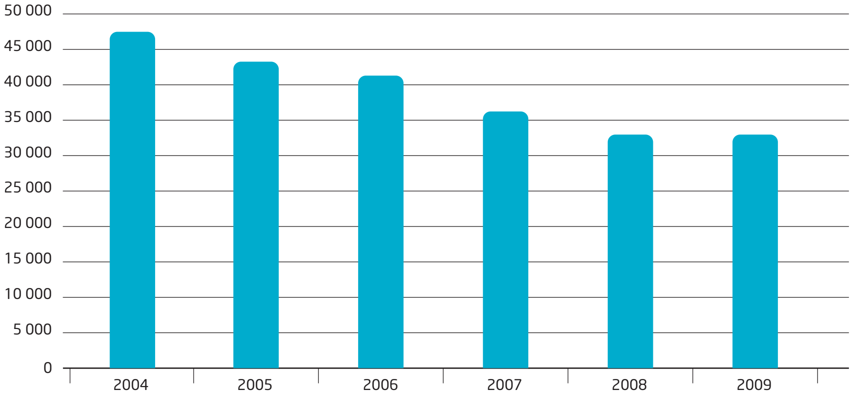
Total public payphones | Table 204

	2004	2005	2006	2007	2008	2009
Total public payphones[1]	47,442	45,334	43,233	41,498	36,391	33,304

Unit: 1 phone
Source: ICP-ANACOM
1 includes commercial public telephones

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Public payphones | Graph 195



Fonte: ICP-ANACOM

3.3. Main telephone lines per 100 inhabitants

3.3.1. Main telephone lines per 100 inhabitants in Portugal

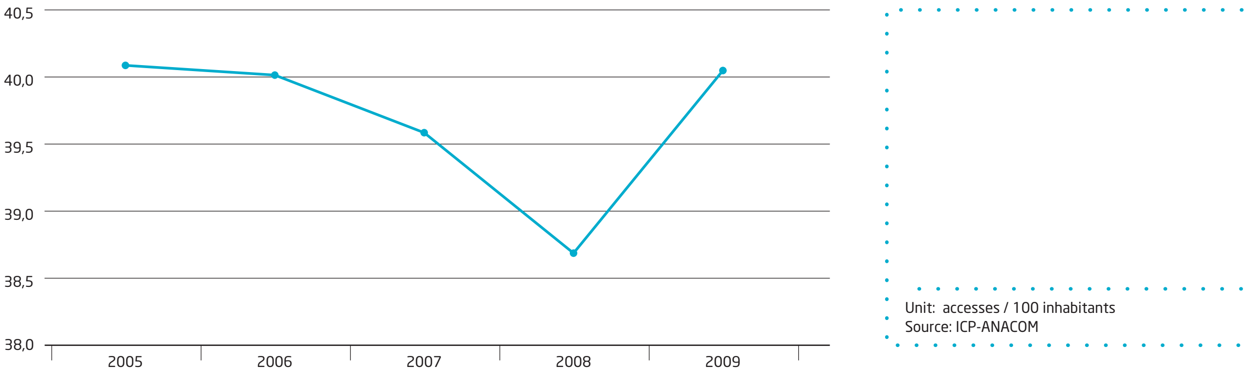
Main telephone lines per 100 inhabitants in Portugal | Table 205

	2005	2006	2007	2008	2009
Main telephone lines per 100 inhabitants[1]	40,1	40,0	39,6	38,7	40,0

Unit: accesses / 100 inhabitants
Source: ICP-ANACOM
1 Includes Public Payphones

Note: These figures were based on data supplied by service providers and may be corrected.

Main telephone lines per 100 inhabitants in Portugal | Graph 196



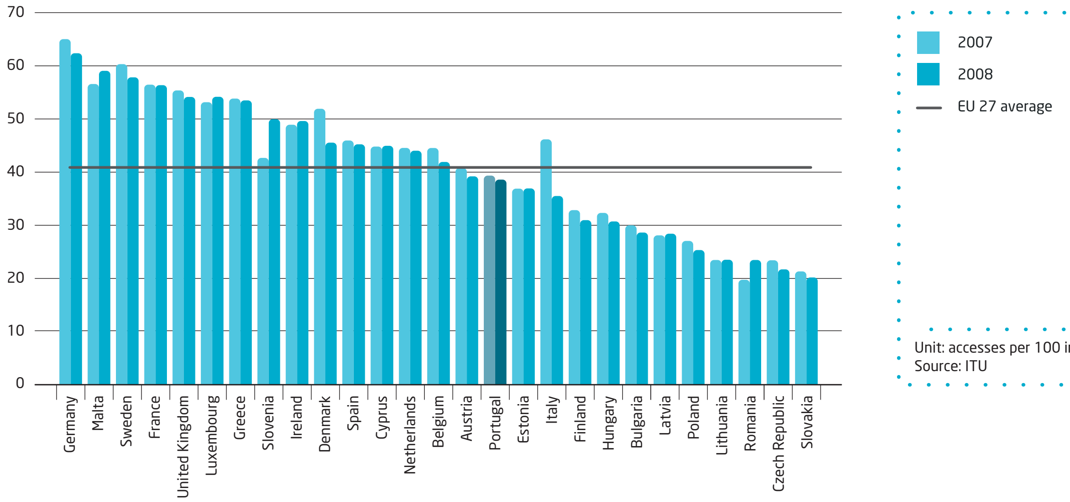
3.3.2. Main telephone lines per 100 inhabitants - EU

Main telephone lines per 100 inhabitants - EU[1] | Table 206

	2004	2005	2006	2007	2008
Germany	66,1	66,3	65,9	65,1	62,5
Malta	51,6	50,6	50,1	56,6	59,2
Sweden	63,1	62,3	59,5	60,4	57,8
France	55,8	55,7	55,8	56,5	56,4
United Kingdom	57,8	57,1	56,2	55,4	54,2
Luxembourg	53,4	52,6	52,4	53,2	54,2
Greece	57,2	56,8	55,4	53,9	53,7
Slovenia	40,9	41,5	42,6	42,8	50,1
Ireland	49,8	49,5	49,9	49,1	49,7
Denmark	64,5	61,7	56,9	51,9	45,6
Spain	41,5	42,2	42,4	45,9	45,4
Cyprus	51,8	50,3	48,3	44,9	45,1
Netherlands	48,4	46,6	n.d.	44,7	44,3
Belgium	46,0	45,4	45,2	44,6	42,1
Austria	46,6	45,7	43,4	40,8	39,4
Portugal	**40,3**	**40,3**	**40,2**	**39,6**	**38,7**
Estonia	33,3	33,3	34,1	37,1	37,1
Italy	44,8	43,1	n.d.	46,3	35,7
Finland	45,4	40,4	36,5	33,0	31,1
Hungary	35,3	33,8	33,4	32,4	30,9
Bulgaria	35,1	32,2	31,3	30,1	28,8
Latvia	28,5	31,7	28,6	28,3	28,5
Poland	32,6	30,7	29,8	27,1	25,5
Lithuania	23,8	23,4	23,2	23,6	23,6
Romania	20,3	20,3	19,4	19,9	23,6
Czech Republic	33,6	31,5	28,3	23,6	21,9
Slovakia	23,2	22,2	21,6	21,4	20,3
EU27 average	**48,9**	**48,2**	**41,0**	**41,8**	**40,9**

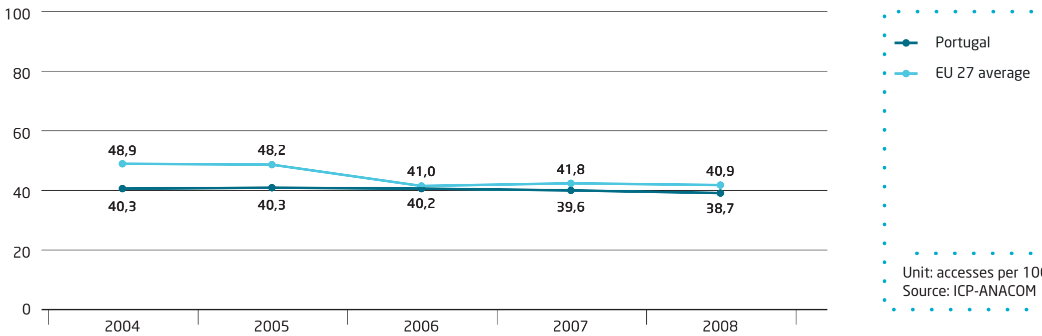
Unit: access por 100 inhabitants
Source: União Internacional de Telecomunicações (UIT)
1 Includes Public Payphones

Main telephone lines per 100 inhabitants - EU | Graph 197



Unit: accesses per 100 inhabitants
Source: ITU

Main telephone lines per 100 inhabitants - EU | Graph 198



Unit: accesses per 100 inhabitants
Source: ICP-ANACOM

3.4. Telephone traffic

3.4.1. National telephone traffic

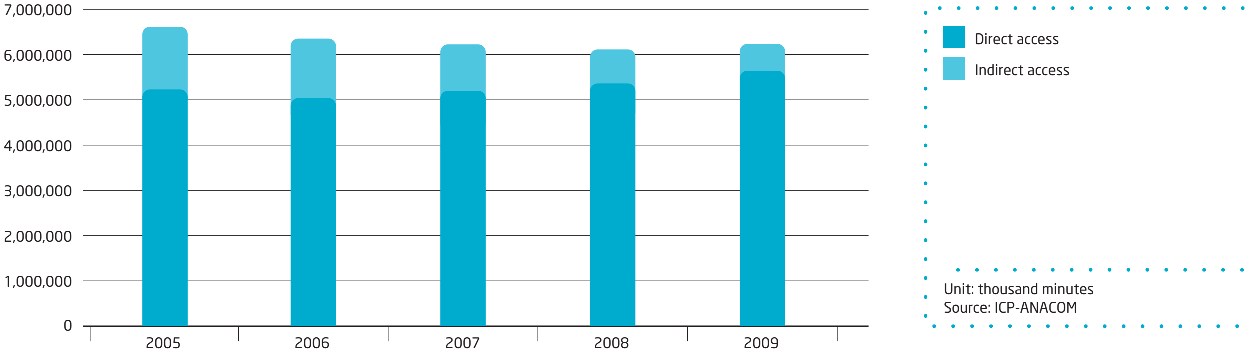
National telephone traffic | Table 207

	2005	2006	2007	2008	2009
Minutes	9,679,325	8,503,669	7,879,905	7,660,750	7,611,320
Geografic national voice traffic	**6,575,364**	**6,350,872**	**6,217,015**	**6,101,064**	**6,222,451**
Direct access	5,215,308	5,038,219	5,170,725	5,335,412	5,625,874
Indirect access	1,360,055	1,312,653	1,046,290	765,652	596,577
Fixed-to-Mobile National Traffic	**1,219,648**	**1,155,385**	**1 ,155,175**	**1,095,034**	**992,390**
Direct access	992,199	928,546	963,651	949,210	876,013
Indirect access	227,450	226,840	191,524	145,824	116,377
Internet access traffic	**1,884,313**	**997,412**	**414,524**	**201,586**	**120,039**
Nomadic VoIP traffic[1]	**n.d.**	**n.d.**	**93 191**	**263,066**	**276,441**
Calls	3,094,003	2,856,170	2,708,558	2,589,056	2 441 077
Geografic national voice traffic	**2,339,972**	**2,182,342**	**2,049,287**	**1,942,981**	**1,852,122**
Direct access	1,842,310	1,704,047	1,645,532	1,629,976	1,607,391
indirect access	497,661	478,295	403,755	313,005	244,731
Fixed-to-mobile national traffic	**660,191**	**615,624**	**609,146**	**571,926**	**516,732**
Direct access	539,860	497,76	511,660	497,994	458,971
Indirect access	120,330	117,862	97,486	73,933	57,761
Internet acess traffic	**93,841**	**58,204**	**30,395**	**20,336**	**16,788**
Nomadic VoIP traffic[1]	**n.d.**	**n.d.**	**19,730**	**53,813**	**55,436**

Unit: thousands minutes / thounsands calls
Source: ICP-ANACOM
1 Nomadic VoIP includes international telephone traffic

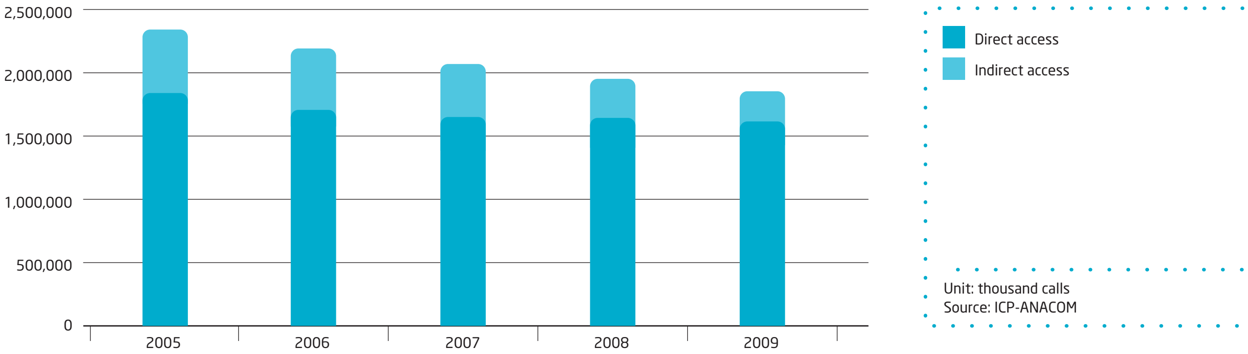
Note: These figures were based on data supplied by service providers and may be corrected.

National telephone traffic minutes | Graph 199



Unit: thousand minutes
Source: ICP-ANACOM

National telephone traffic calls | Graph 200



Unit: thousand calls
Source: ICP-ANACOM

3.4.2. International telephone traffic

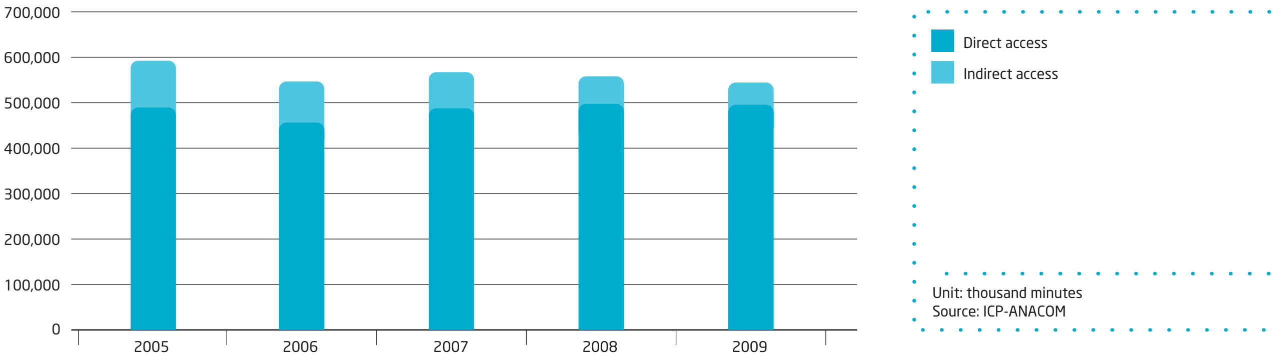
International telephone traffic | Table 208

	2005	2006	2007	2008	2009
Minutes					
Outgoing	**591,352**	**549,684**	**566,350**	**558,490**	**545,404**
Direct access	489,361	456,690	488,914	497,868	495,547
Indirect access	101,992	92,994	77,437	60,622	49,858
Calls					
Outgoing	**133,910**	**124,204**	**129,480**	**107,663**	**110,827**
Direct access	106,576	98,501	106,287	89,454	96,089
Indirect access	27,335	25,703	23,193	18,208	14,738

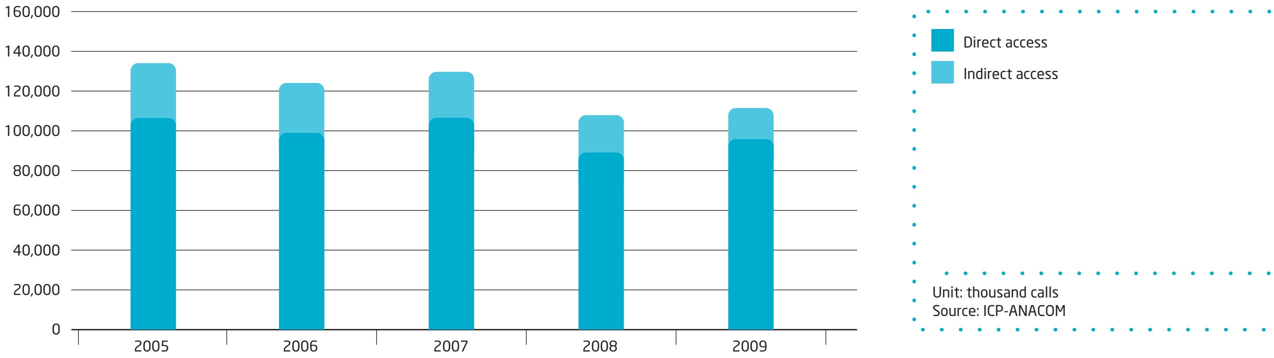
Unit: thousands of minutes / thousands of calls
Source: ICP-ANACOM

Note: These figures were based on data supplied by service providers and may be corrected.

International telephone traffic minutes | Graph 201



International telephone traffic calls | Graph 202



3.5. Fixed telephony, nomadic VoIP and public telephones revenues

3.5.1. Fixed telephony and public telephones

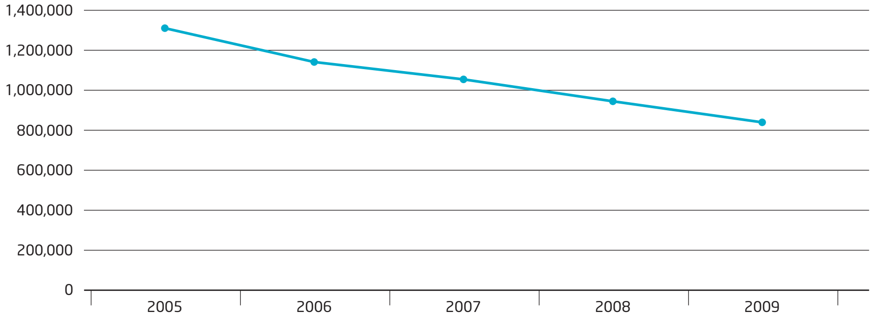
Total revenues[1] | Table 209

	2005	2006	2007	2008	2009
Monthly rental	603,503	576,069	558,816	498,614	450,527
Traffic	682,556	557,353	465,741	422,989	371,716
National traffic	556,852	458,726	373,831	336,136	296,888
International traffic	93,161	76,352	73,810	72,936	62,468
SMS and public telephones	32,543	22,275	18,100	13,917	12,360
Other revenues	15,751	12,058	23,577	19,844	17,093
Total revenues[1]	**1,301,810**	**1,145,480**	**1,048,133**	**941,447**	**839,335**

Unit: 10^3 euros
Source: ICP-ANACOM
1 Includes revenues from virtual call-cards

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Revenues | Graph 203



Unit: 10^3 euros
Source: ICP-ANACOM

3.5.2. Nomadic VoIP revenues

Nomadic VoIP revenues | Table 210

	2005	2006	2007	2008	2009
Nomadic VoIP revenues	**n.d.**	**n.d.**	**5,728**	**13,726**	**15,497**

Unit: 10^3 euros
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

4. Cellular mobile service

4.1. Number of service providers

Licensed providers | Table 211

	2005	2006	2007	2008	2009
Licensed providers	**3**	**3**	**4**	**5**	**5**

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. During 2007, ZON TV Cabo Portugal S.A. started the Mobile Telephone Service (MTS) provision based on a mobile operator infrastructure owner."

4.2. Number of subscribers

4.2.1. Mobile telephony subscribers

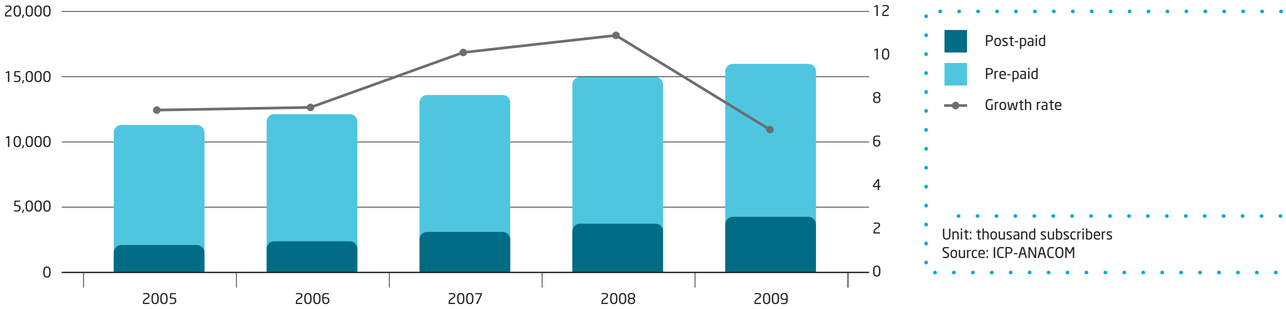
Number of subscribers | Table 212

	2005	2006	2007	2008	2009
Number of subscribers	**11,368**	**12,236**	**13,477**	**14,953**	**15,929**
Post-paid	2,157	2,475	3,136	3,873	4,341
Pre-paid	9,212	9,761	10,341	11,080	11,589

Unit: thounsands subscribers
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Number of subscribers evolution and growth | Graph 204



4.2.2. 3G and 3,5G services users (UMTS and HSPA)

Total number of possible users of UMTS services | Table 213

	2006	2007	2008	2009
Total number of possible users of UMTS services	**n.d.**	**3,074**	**4,320**	**5,984**
of which were active in the period being reported	n.d.	869	1,284	2,580

Unit: thousand users
Source: ICP-ANACOM

Nota: These figures were based on data supplied by service providers and may be corrected.

4.2.3. Mobile TV service

Number of subscribers | Table 214

	2005	2006	2007	2008	2009
Number of subscribers	**n.d.**	**102**	**209**	**501**	**496**

Unit: thousand subscribers
Source: ICP-ANACOM

Nota: These figures were based on data supplied by service providers and may be corrected.

4.3. Market penetration

4.3.1. Market penetration of mobile subscribers in Portugal

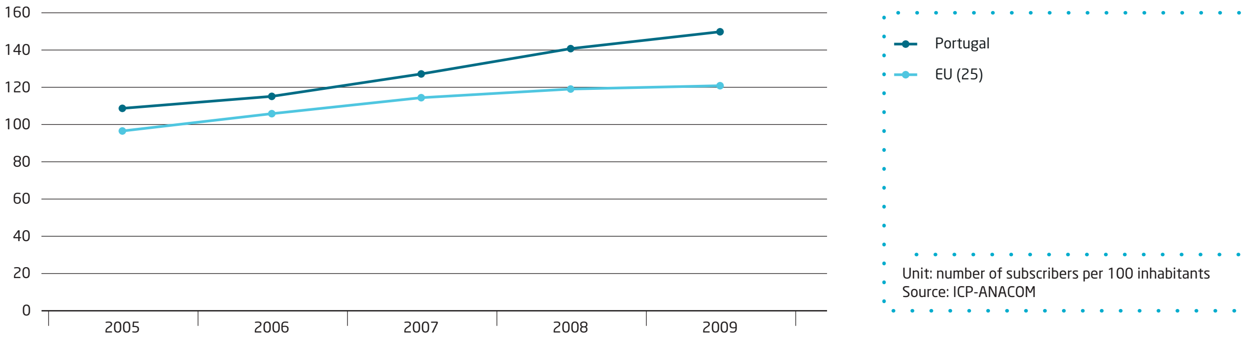
Market penetration of mobile subscribers in Portugal | Table 215

	2005	2006	2007	2008	2009
Portugal	108	115	127	140	150
EU (25)	96	105	114	119	121

Unit: number of subscribers per 100 inhabitants
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Market penetration | Graph 205



Unit: number of subscribers per 100 inhabitants
Source: ICP-ANACOM

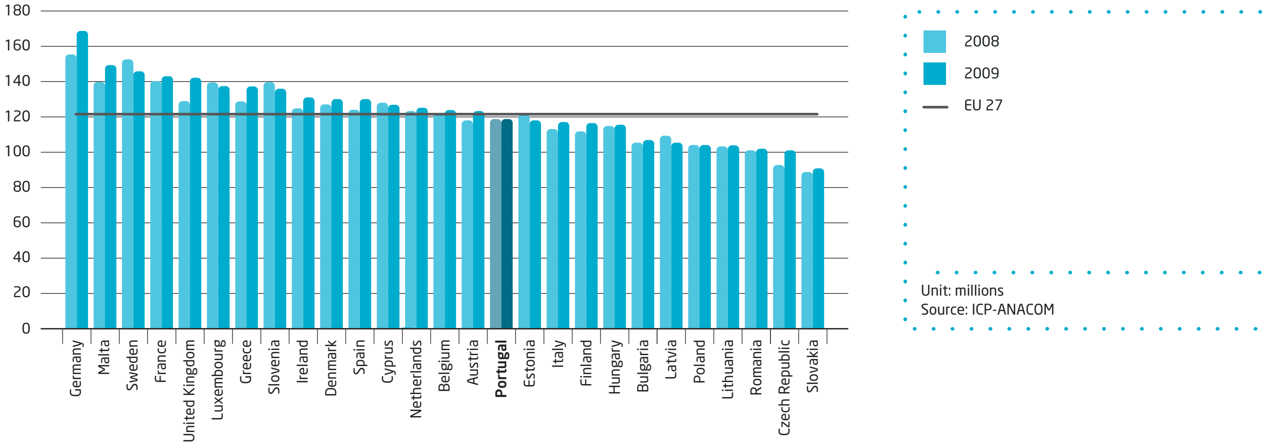
4.3.2. Market Penetration of mobile subscribers - EU

Market penetration - EU | Table 216

	2005	2006	2007	2008	2009
Greece	104,9	116,2	136,5	155,9	169,1
Portugal	**108,3**	**115,4**	**126,7**	**140,4**	**149,9**
Latvia	79,0	97,7	107,1	152,6	146,2
Lithuania	125,0	138,6	145,4	141,0	143,3
Finland	102,0	106,5	114,5	129,5	142,5
Bulgaria	0,0	107,0	130,0	139,8	138,2
Romania	0,0	80,8	106,1	129,2	137,3
Ireland	100,2	109,4	117,2	140,1	136,2
Austria	104,3	111,8	117,8	125,1	131,2
Czech Republic	112,7	128,2	128,2	127,5	130,5
Sweden	109,5	115,6	115,5	124,6	130,2
Cyprus	99,9	111,4	121,1	128,2	127,5
Germany	90,8	98,6	112,4	123,8	125,2
United Kingdom	107,9	115,2	121,0	121,4	124,1
Denmark	98,7	105,6	112,5	118,6	123,8
Hungary	86,6	92,9	100,6	118,9	118,9
Estonia	105,8	116,3	118,2	122,6	118,4
Spain	96,7	105,9	110,6	113,5	117,4
Malta	81,3	85,4	90,2	112,0	116,8
Poland	76,5	95,7	108,7	115,3	115,9
Belgium	83,6	91,0	99,6	105,5	107,5
Netherlands	93,4	97,5	106,2	109,6	106,2
Italy	118,5	132,1	145,7	104,2	104,2
Slovakia	84,3	90,6	108,0	103,5	104,1
Slovenia	89,6	89,6	95,8	101,1	102,0
Luxembourg	133,7	135,6	139,8	93,1	101,1
France	76,0	81,7	86,2	89,2	91,4
EU 27	**-**	**-**	**114,4**	**119,8**	**121,8**
EU 25	**96,1**	**105,4**	**114,4**	**119,0**	**120,9**

Unit: subscribers per 100 inhabitants
Source: ICP-ANACOM, ARN's, Eurostat e publicações do sector.

Market penetration - EU | Graph 206



Unit: millions
Source: ICP-ANACOM

4.4. Mobile traffic

Mobile traffic | Table 217

	2005	2006	2007	2008	2009
Minutes					
Outgoing traffic	**11,608**	**12,452**	**13,646**	**15,272**	**17,753**
National mobile-fixed	829	858	932	961	935
Mobile-international	537	583	642	690	672
Mobile-mobile on-net	7,929	8,520	9,362	10,762	13,255
Mobile-mobile off-net	2,313	2,491	2,709	2,859	2,891
Incoming traffic	**4,008**	**4,225**	**4,552**	**4,670**	**4,607**
Mobile-mobile off-net	2,314	2,493	2,705	2,850	2,928
Fixed-mobile	1,148	1,119	1,177	1,136	1,004
International-mobile	546	613	669	685	675
Calls					
Outgoing traffic	**6,452**	**6,648**	**7,035**	**7,509**	**8,163**
National mobile-fixed	512	534	552	527	513
Mobile-international	208	226	248	266	257
Mobile-mobile on-net	4,345	4,439	4,693	5,104	5,769
Mobile-mobile off-net	1 387	1,448	1,542	1,613	1,625
Incoming traffic	**2,205**	**2,254**	**2,371**	**2,408**	**2,367**
Mobile-mobile off-net	1,390	1,455	1,544	1,605	1,642
Fixed-mobile	627	593	610	579	506
International-mobile	189	206	217	225	220

Unit: millions
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

4.5. SMS, MMS traffic and video calls

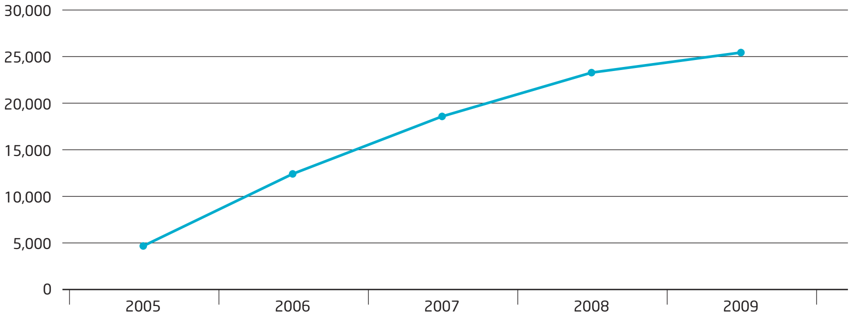
SMS, MMS traffic and video calls | Table 218

	2005	2006	2007	2008	2009
Text messages (SMS) sent[1]	4,652	12,458	18,555	23,299	25,473
Multimedia messages (MMS) sent[2]	19,9	35,9	46,1	76,8	102,4
Video calls made	–	4,2	3,6	4,9	5,4
Video calls traffic volume	–	9,7	5,8	14,4	21,7

Unit: millions
Source: ICP-ANACOM
1 Include added value messages to content (incoming) and/or televoting (outgoing) services.
2 Estimated values for 2004 and 2005.

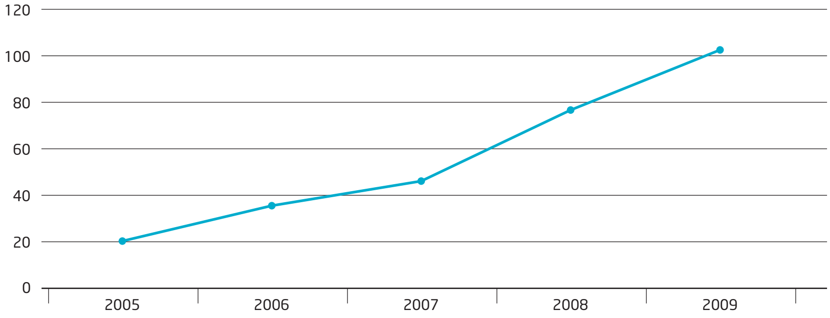
Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Written messages (SMS) sent | Graph 207



Unit: millions
Source: ICP-ANACOM

Mutimedia messages (MMS) sent | Graph 208



Unit: millions
Source: ICP-ANACOM

4.6. Cellular and mobile broadband service revenues

Cellular and mobile broadband service revenues | Table 219

	2005	2006	2007	2008	2009
Total revenues	**3,442,548**	**3,409,150**	**3,563,523**	**3,676,049**	**3,474,709**
Operator revenues from provision of the service	**756,072**	**663,814**	**648,883**	**634,013**	**451,267**
Voice termination revenues	–	–	495,140	455,765	298,291
Voice roaming-in revenues	–	–	66,102	49,652	41,397
Data termination revenues	–	–	40,996	52,355	47,707
Origination revenues	–	–	27,804	31,892	26,747
Roaming in revenues excluding voice communications	–	–	18,841	44,348	37,124
Total retail revenues	**2,686,476**	**2,745,337**	**2,914,640**	**3,042,036**	**3,023,442**
Revenues from provision of services to customers (pre-paid and post-paid)	**2,307,300**	**2,391,122**	**2,519,217**	**2,621,838**	**2,604,173**
Revenues from monthly fees (subscription and supplementary services)	145,866	149,095	159,958	159,299	203,975
Revenues from voice communications	1,880,046	1, 907,472	1,899,130	1,858,004	1,730,798
of which are roaming out revenues	–	–	156,691	151,755	122,082
Revenues from message services	21,333	238,205	260,115	258,226	239,763
of which are MMS revenues	9,818	12,116	12,842	13,316	14,392
Revenues from mobile data services	64,055	96,350	200,014	346,309	429,638
- Mobile broadband Internet	13,609	48, 074	130,134	275,833	342,321
of which with access using cards / modem	–	–	64,720	207,277	262,789
- video calls	–	–	1,290	1,719	1,548
- Mobile TV	–	–	3,162	4,662	6,633
- Roaming out excluding voice communi-cations	–	–	15,022	22,135	20,597
- Other revenues from data mobile services (specify)	50,446	48,276	50,405	41,959	58,539
Others	379 ,176	354,214	395,424	420,198	419,269
Equipment sales	336,286	288,310	319,487	324,590	302,507
Other revenues	42,890	65,905	75,936	95,607	116,762

Unit: 10^3 euros
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

5. Subscription TV networks

5.1. Cable networks

5.1.1. Number of cabled households

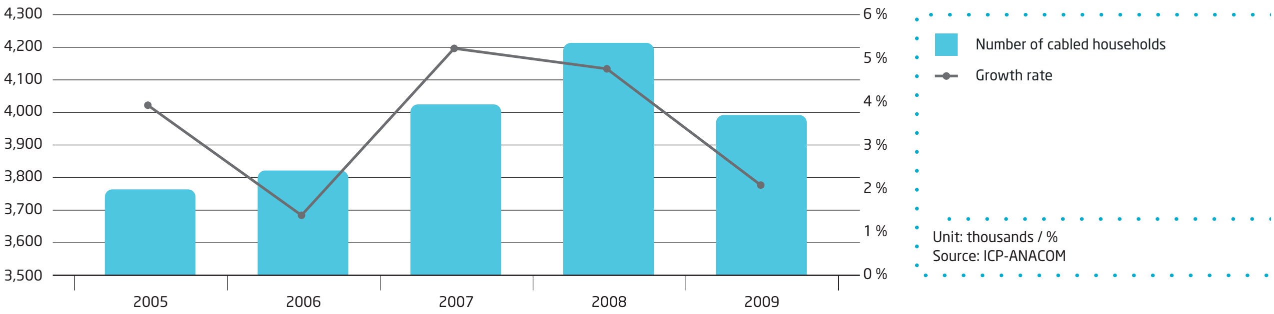
Number of cabled households | Table 220

	2005	2006	2007	2008	2009
Number of cabled households	3,773	3,825	4,026	4,217	3,996

Unit: thousands of households
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Number of cabled households | Graph 209



5.1.2. Number of cable TV subscribers

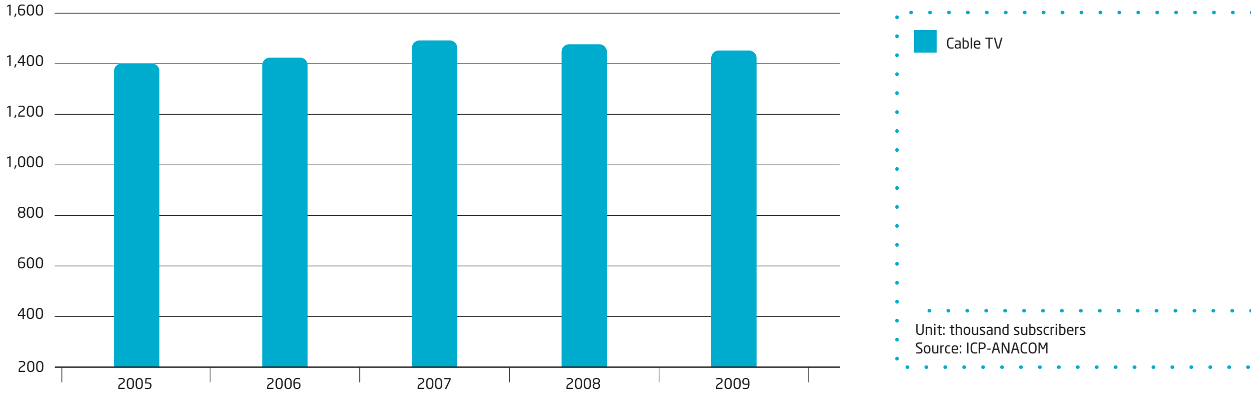
Number of cable TV subscribers | Table 221

	2005	2006	2007	2008	2009
Cable TV	1,400	1,421	1,489	1,475	1,452

Unit: thousands of subscribers
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Number of subscribers | Graph 210



5.1.3. Market penetration of cable networks

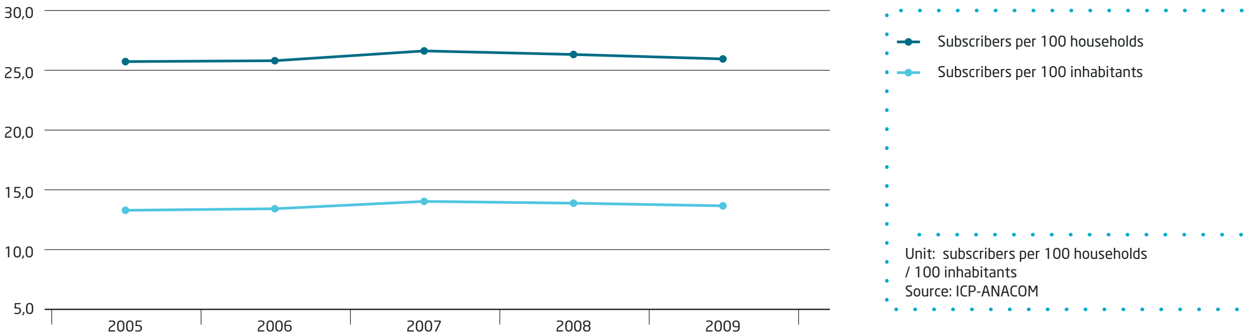
Market penetration of cable networks | Table 222

	2005	2006	2007	2008	2009
Subscribers per 100 households	25,6	25,7	26,6	26,4	26,0
Subscribers per 100 inhabitants	13,2	13,4	14,0	13,9	13,7

Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Market penetration of cable networks | Graph 211



5.1.4. Number of subscribers per NUTS III

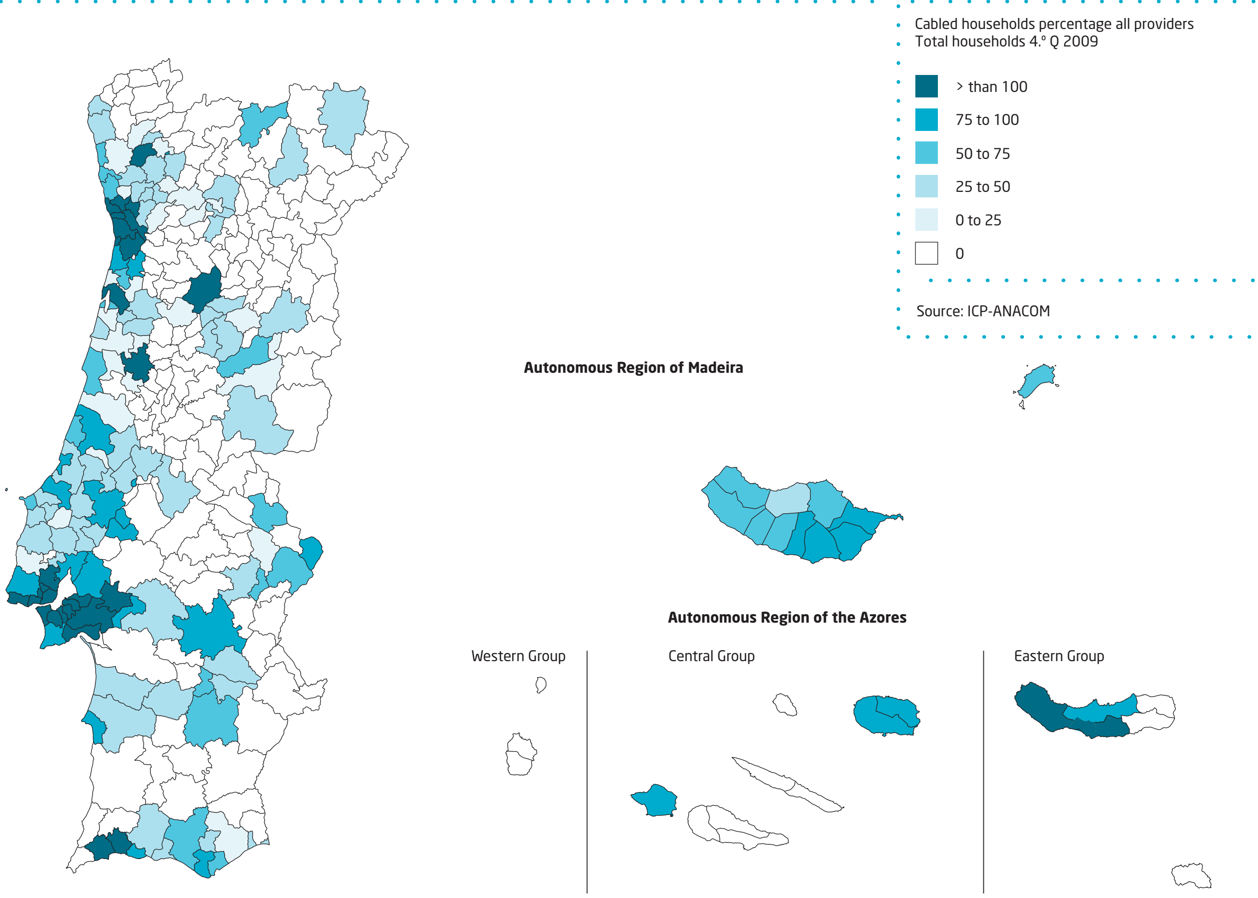
Cabled households | Table 223

		2005	2006	2007	2008	2009
North	Minho-Lima	17,534	19,542	23,801	24,344	24,650
	Cávado	122,454	138,310	140,738	142,136	126,540
	Ave	44,060	67,758	75,919	79,344	83,110
	Grande Porto	696,057	744,808	796,579	859,592	611,140
	Tâmega	12,630	28,835	29,370	30,395	37,690
	Entre Douro e Vouga	109,706	115,327	119,125	120,642	121,640
	Douro	10,793	10,631	12,796	20,391	21,630
	Alto Trás-os-Montes	–	–	10,058	29,027	33,470
Centre	Baixo Vouga	119,107	121,545	125,637	127,310	130,720
	Baixo Mondego	102,277	102,295	110,670	114,770	115,870
	Pinhal Litoral	71,253	67,404	71,622	73,834	67,310
	Pinhal-Interior-Norte	2,687	2,780	4,637	7,266	7,400
	Pinhal-Interior-Sul	–	–	–	–	–
	Dão-Lafões	48,311	48,472	52,605	58,769	59,930
	Serra da Estrela	7,047	7,138	7,138	7,535	7,540
	Beira-Interior-Norte	10,441	10,541	10,747	10,779	10,800
	Beira-Interior-Sul	17,451	18,697	18,709	18,938	18,940
	Cova da Beira	22,140	22,331	22,826	23,045	23,180
	Oeste	88,362	90,967	98,061	104,659	102,980
	Médio Tejo	38,491	38,796	40,864	40,967	39,570
Lisbon	Grande Lisboa	1,091,877	1,061,633	1,098,413	1 123,528	1,139,510
	Península de Setúbal	665,494	646,661	1,098,413	668,594	675,000
Alentejo	Lezíria do Tejo	65,329	59,600	62,766	67,052	59,590
	Alentejo Litoral	15,712	16,027	16,085	16,429	16,430
	Alto Alentejo	–	–	13,407	18,856	18,910
	Alentejo Central	34,858	33,033	39,741	40,907	41,740
	Baixo Alentejo	12,125	13,622	15,748	18,260	18,300
Algarve	Algarve	203,937	194,824	204,791	213,321	219,440
Azores	RAA	55,888	55,891	55,891	66,026	72,690
Madeira	RAM	86,793	87,711	90,594	90,696	90,700
Portugal	**Total**	**3,772,814**	**3,825,179**	**4,467,751**	**4,217,412**	**3,996,420**

Unit: 1 households
Source: ICP-ANACOM

Notes:
1 According to Decree-Law no. 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.
Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Cabled households | Figure 11



5.1.5. Number of subscribers per NUTS III

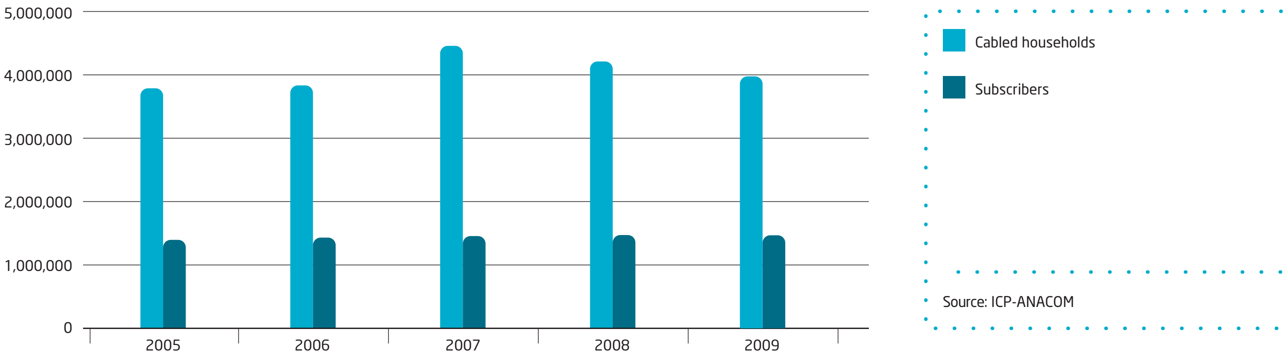
Subscribers | Table 224

		2005	2006	2007	2008	2009
North	Minho-Lima	5,343	5,631	6,481	6,383	6,662
	Cávado	27,668	28,902	32,149	32,596	32,246
	Ave	13,270	15,756	18,833	20,252	21,766
	Grande Porto	238,085	240,931	262,862	269,729	264,265
	Tâmega	3,993	5,012	5,963	6,343	7,373
	Entre Douro e Vouga	36,138	37,080	38,549	38,212	38,297
	Douro	3,139	3,008	3,266	3,238	4,141
	Alto Trás-os-Montes	–	–	362	2,004	3,326
Centre	Baixo Vouga	44,261	45,002	47,578	46,890	45,948
	Baixo Mondego	31,320	31,435	32,648	32,217	31,417
	Pinhal Litoral	16,894	16,906	17,154	16,853	16,227
	Pinhal-Interior-Norte	1,033	1,028	1,233	1,673	1,715
	Pinhal-Interior-Sul	–	–	–	–	–
	Dão-Lafões	13,729	13,835	14,421	14,796	15,166
	Serra da Estrela	2,462	2,457	2,450	2,436	2,332
	Beira-Interior-Norte	4,727	4,865	4,964	4,505	4,345
	Beira-Interior-Sul	7,929	8,343	7,986	7,495	7,174
	Cova da Beira	8,272	8,638	8,860	8 ,104	8,042
	Oeste	27,402	28,496	31,016	31,003	30,037
	Médio Tejo	9,967	9,717	11,052	9,888	8,811
Lisbon	Grande Lisboa	515,539	514,176	519,995	503, 014	495,400
	Península de Setúbal	191,852	194,808	203,024	199,958	199,606
Alentejo	Lezíria do Tejo	13,963	14,301	14,619	13,705	12,637
	Alentejo Litoral	7,547	7,665	7,801	7,456	6,873
	Alto Alentejo	–	–	3,800	5,250	5,286
	Alentejo Central	11,302	12,036	14,522	13,324	12,706
	Baixo Alentejo	5,299	5,716	6,256	6,163	5,638
Algarve	Algarve	52,596	52,600	56,082	54,618	52,851
Azores	RAA	40,047	43,827	45,695	46,063	44,470
Madeira	RAM	66,073	68,367	70,277	70,428	67,273
Portugal	**Total**	**1,399,850**	**1,420,538**	**1,489,898**	**1,474,596**	**1,452,030**

Unit: 1 subscriber
Source: ICP-ANACOM

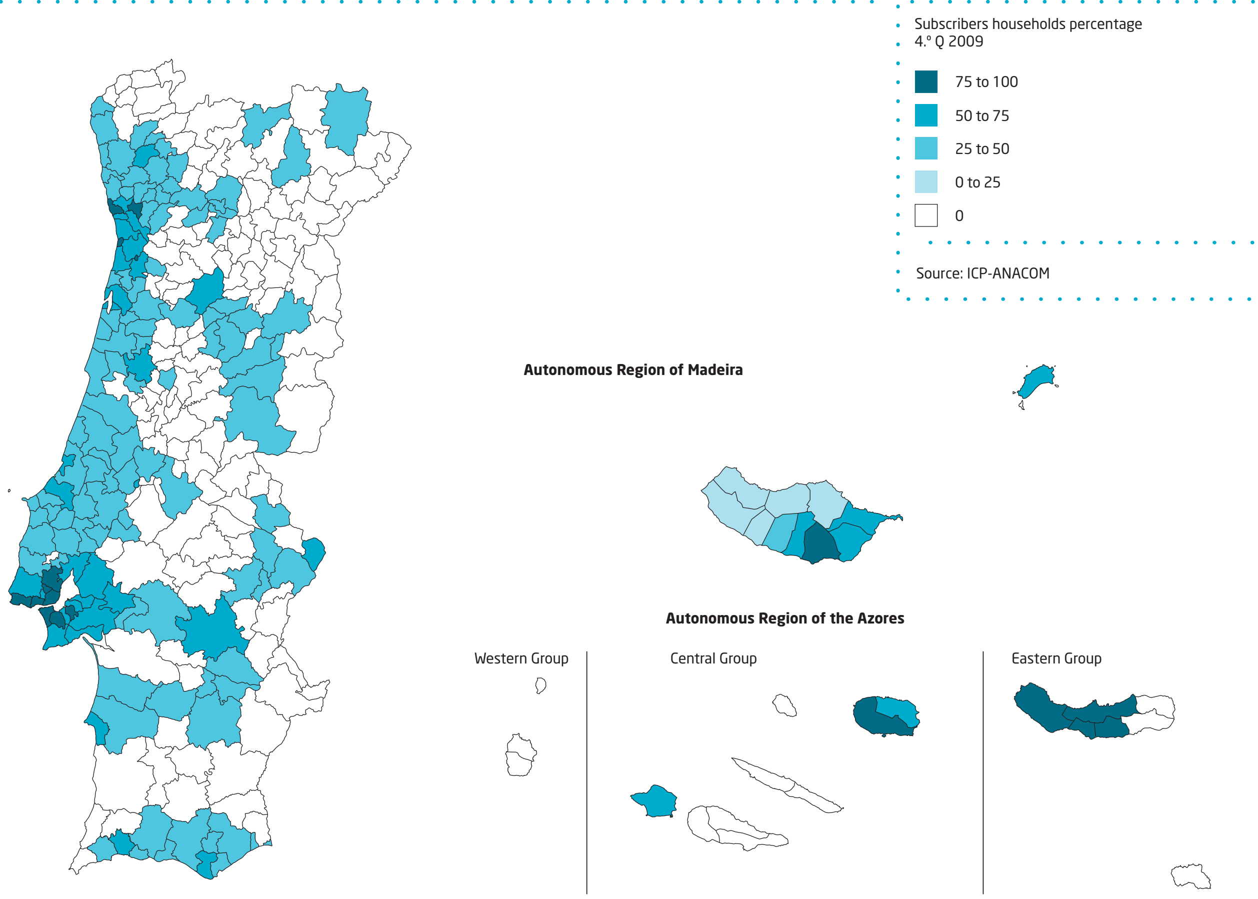
Notes:
1 According to Decree-Law no. 244/2002, of November 5th, the region previously denominated "Lisboa e Vale do Tejo" were disaggregated. Now, the "Oeste" and "Médio Tejo" regions are part of "Centro" zone, and "Lezíria do Tejo" are part of "Alentejo" zone. The zone "Lisboa" region, only includes "Lisboa" and "Península de Setúbal" regions.
Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Cable households and subscribers | Graph 212



Source: ICP-ANACOM

Subscribers | Figure 12



Source: ICP-ANACOM

5.1.6. Cable networks revenues

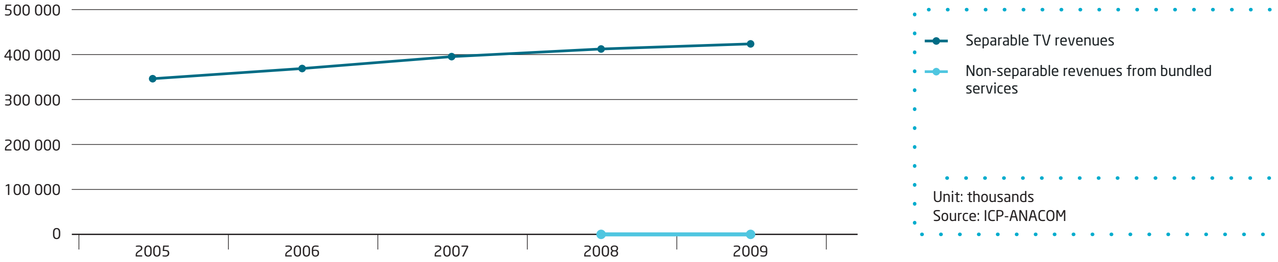
Cable networks revenues | Table 225

	2005	2006	2007	2008	2009
Separable TV revenues[1]					
Cable TV distribution service	3,344,055	366,616	392,701	410,189	421,310
Non-separable revenues from bundled services[2]					
Cable TV distribution service	–	–	–	339	47

Unit: 10^2 euros
Source: ICP-ANACOM

Notes:
1 Separable revenues from the television service. Does not include revenues of the service that is provided in a package and which are not seperable.
2 Revenue from the service packages that include TV.
Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Cable networks revenues | Graph 213



Unit: thousands
Source: ICP-ANACOM

5.2. Digital Satellite Television (DTH)

5.2.1. Number of subscribers to DTH

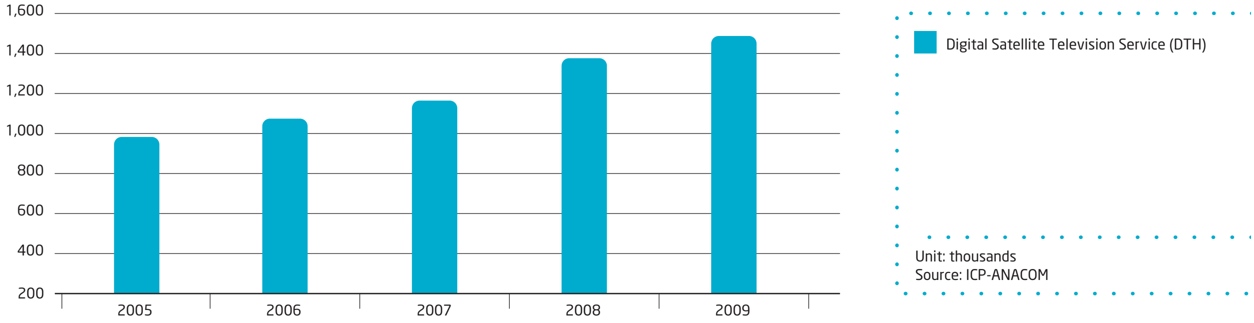
Number of subscribers to DTH | Table 226

	2005	2006	2007	2008	2009
DTH	394	436	484	586	645

Unit: thousand subscribers
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Number of subscribers | Graph 214



5.2.2. Revenues from DTH

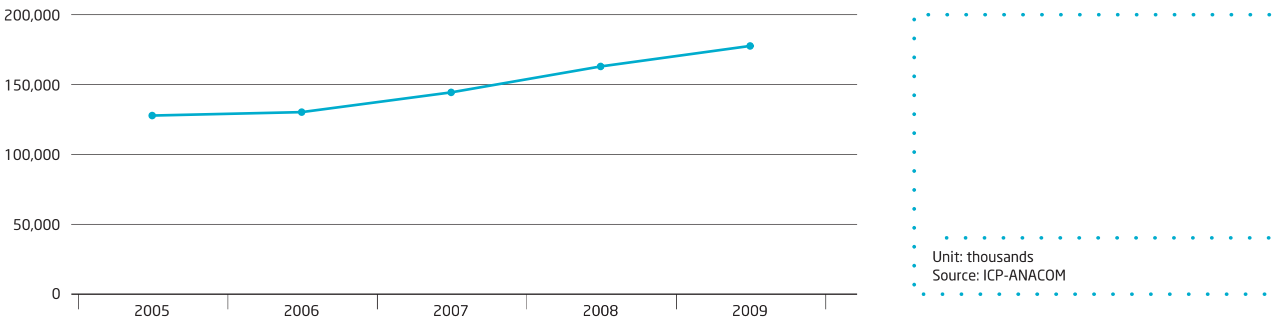
Separable revenues from TV service[1] | Table 227

	2005	2006	2007	2008	2009
DTH	127,246	129,597	144,820	163,862	177,425

Unit: 10^3 euros
Source: ICP-ANACOM

1 Revenue for the television service. Does not include revenues of the service that is provided in a package.
Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Revenues of direct to home (DTH) | Graph 215



5.3. Other television distribution technologies (FTTH, IPTV, DVBT, etc.)

5.3.1. Number of subscribers to other television distribution technologies (FTTH, IPTV, DVBT, etc.)

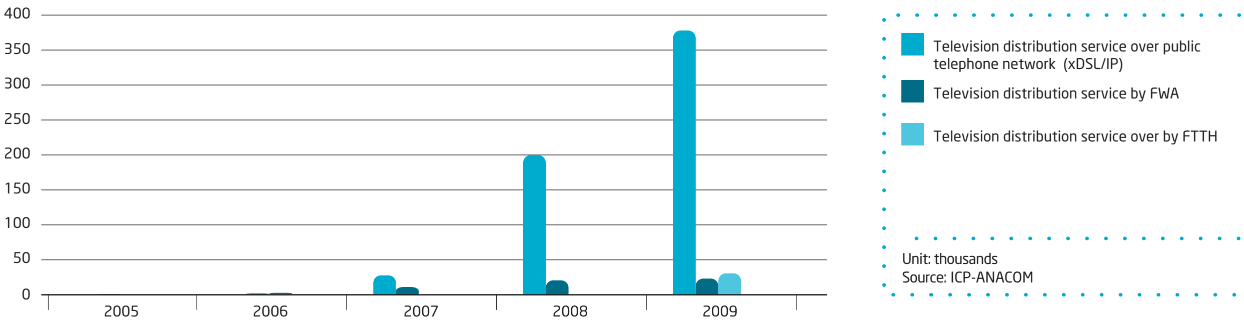
Subscribers to television distribution using other technologies | Table 228

	2005	2006	2007	2008	2009
Subscribers to television distribution using other technologies	0,1	3	42	225	432
Television distribution service over public telephone network (xDSL/IP)	–	1	29	201	377
Television distribution service by FWA	0,1	2	12	22	24
Television distribution service over by FTTH	–	–	1	2	31

Unit: thousands subscribers
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Number of subscribers of other television distribution technologies | Graph 216



Unit: thousands
Source: ICP-ANACOM

5.3.2. Revenues from television distribution using other technologies (FTTH, IPTV, DVBT, etc.)

Revenues from television distribution using other technologies (FTTH, IPTV, DVBT, etc.) | Table 229

	2005[1]	2006	2007	2008	2009
Separable revenues from TV service[2]	**13**	**572**	**5,718**	**9,851**	**52,963**
Television distribution service over public telephone network (xDSL/IP)	13	572	5,718	9,824	49,356
Television distribution service by FWA	–	–	–	–	1,343
Television distribution service by FTTH	–	–	–	27	2,263
Non-separable revenues from service bundles[3]	–	–	–	**21,709**	**126,685**
Television distribution service over public telephone network (xDSL/IP) | xDSL/IP TV	–	–	–	16,746	118,983
Television distribution service by FWA	–	–	–	4,963	5,902
Television distribution service by FTTH	–	–	–	–	1,801

Unit: 10^3 euros
Source: ICP-ANACOM

1 In 2005, there were only test "customers"
2 Separable revenue for the television service. Does not include non-separable revenues of the service that is provided in a package.
3 Revenue from the service bundles that include subscription TV.
Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

5.4. Subscription TV networks penetration rates

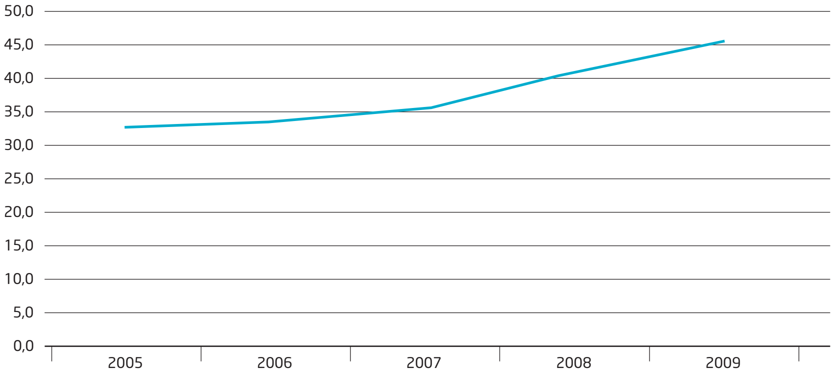
Subscription TV networks penetration rates | Table 230

	2005	2006	2007	2008	2009
Subscription television distribution subscribers per 100 households	32,8	33,6	35,3	40,9	45,2

Unit: subscribers / households
Source: ICP-ANACOM
1 Includes subscribers of cable TV distribution service, television distribution service over public network. (XDSL / IP), by FWA, by FTTH and DTH.

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Cable + DTH + EWA + IPTV + FTTH subscribers / Total HH | Graph 217



Source: ICP-ANACOM

6. Internet Access Service and non-nomadic Voip

6.1. Fixed technologies

6.1.1. Internet Service Providers (ISP)

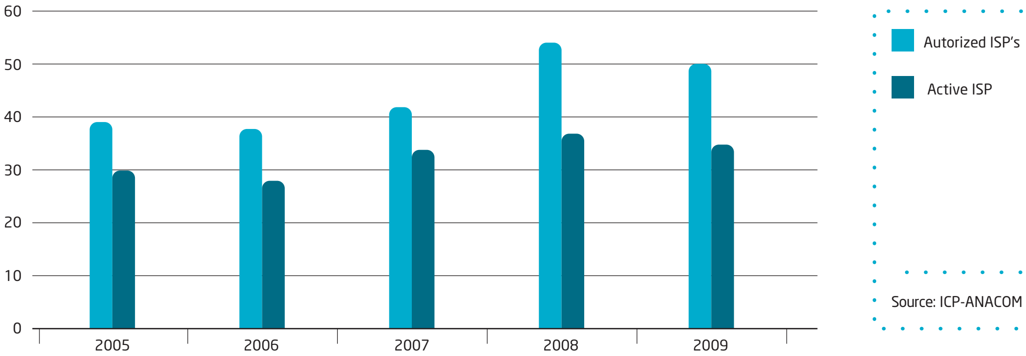
Number of ISP | Table 231

	2005	2006	2007	2008	2009
Autorized ISP's	39	38	42	54	50
Active ISP	30	28	34	37	35

Unit: 1 provider
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Number of ISP | Graph 218



Source: ICP-ANACOM

6.1.2. Number of internet customers

Number of Internet customers | Table 232

	2005	2006	2007	2008	2009
Dial Up customers	271,046	156,403	99,326	40,975	32,883
Residential	253,286	139,783	86,234	35,574	28,549
Non-residential	17,760	16,620	13,092	5,401	4,334
ADSL access customers	672,800	881,512	891,939	947,165	1,059,835
Residential	502,075	673,729	678,641	766,758	857,452
Non-residential	170,725	207,782	213,299	180,407	202,383
Cable modem customers	489,892	537,552	605,799	662,724	750,300
Residential	466,844	511,272	579,251	639,989	722,750
Non-residential	23,048	26,280	26,548	22,735	27,550
FTTH customers	–	–	–	2,283	30,345
Residential	–	–	–	671	28,757
Non-residential	–	–	–	1,612	1,588
Other access technologies customers	2,748	4,623	14,656	23,255	24,663
Residential	–	1,893	11,382	20,875	22,727
Non-residential	2,748	2,730	3,274	2,380	1,936
Residential	1,222,205	1, 326,677	1,355,508	1,463,867	1,660,235
Non-residential	214,281	253,413	256,213	212,535	237,791
Total number of customers	**1,436,486**	**1,580,090**	**1, 611,720**	**1,676,402**	**1,898,026**

Unit: 1 customer
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.
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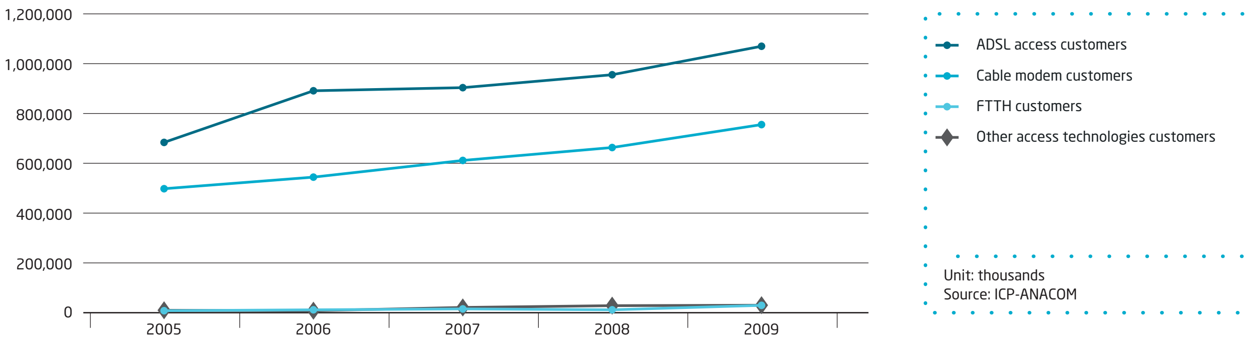
Broadhand Internet customers | Graph 219



Unit: thousands
Source: ICP-ANACOM

6.1.3. Internet fixed access market penetration in Portugal

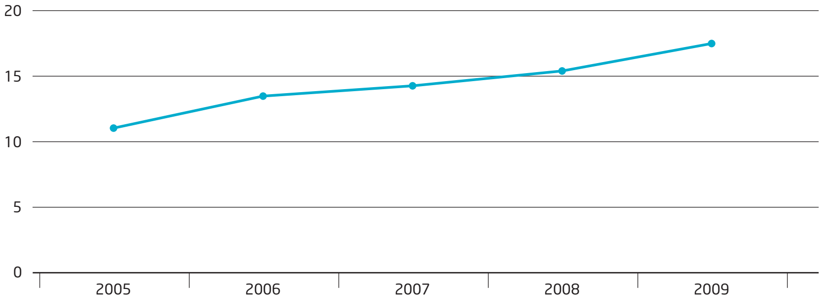
Internet fixed access market penetration | Table 233

	2005	2006	2007	2008	2009
Customers per 100 inhabitants	13,6	14,9	15,2	15,8	17,9
Broadband customers per 100 inhabitants	11,0	13,4	14,2	15,4	17,6

Unit: number of customer per 100 inhabitants
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Broadhand Internet customers per 100 inhabitants | Graph 220



Unit: number of customers per 100 inhabitants
Source: ICP-ANACOM

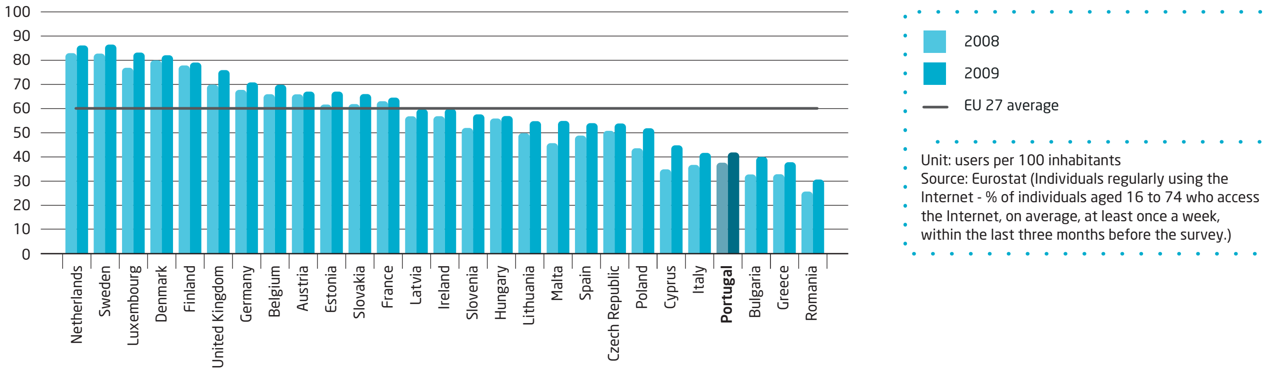
6.1.4. Internet fixed access market penetration - EU

Internet users - EU | Table 234

	2005	2006	2007	2008	2009
Netherlands	74,0	76,0	81,0	83,0	86,0
Sweden	76,0	80,0	75,0	83,0	86,0
Luxembourg	63,0	65,0	72,0	77,0	83,0
Denmark	73,0	78,0	76,0	80,0	82,0
Finland	62,0	71,0	75,0	78,0	79,0
United Kingdom	54,0	57,0	65,0	70,0	76,0
Germany	54,0	59,0	64,0	68,0	71,0
Belgium	53,0	58,0	63,0	66,0	70,0
Austria	49,0	55,0	61,0	66,0	67,0
Estonia	54,0	56,0	59,0	62,0	67,0
Slovakia	43,0	43,0	51,0	62,0	66,0
France	–	39,0	57,0	63,0	65,0
Latvia	36,0	46,0	52,0	57,0	61,0
Ireland	31,0	44,0	51,0	57,0	60,0
Slovenia	40,0	47,0	49,0	52,0	58,0
Hungary	34,0	42,0	49,0	56,0	57,0
Lithuania	30,0	38,0	45,0	50,0	55,0
Malta	34,0	36,0	43,0	46,0	55,0
Spain	35,0	39,0	44,0	49,0	54,0
Czech Republic	26,0	36,0	42,0	51,0	54,0
Poland	29,0	34,0	39,0	44,0	52,0
Cyprus	26,0	29,0	35,0	35,0	45,0
Italy	28,0	31,0	34,0	37,0	42,0
Portugal	**28,0**	**31,0**	**35,0**	**38,0**	**42,0**
Bulgaria	–	22,0	28,0	33,0	40,0
Greece	18,0	23,0	28,0	33,0	38,0
Romania	–	18,0	22,0	26,0	31,0
EU 27	**43,0**	**45,0**	**51,0**	**56,0**	**60,0**

Unit: subscribers per 100 inhabitants
(Individuals regularly using the Internet % of individuals aged 16 to 74 who access the Internet on average, at least once a week, within the last three months before the survey.)
Source: Eurostat

Internet fixed access market penetration - EU | Graph 221



Unit: users per 100 inhabitants
Source: Eurostat (Individuals regularly using the Internet - % of individuals aged 16 to 74 who access the Internet, on average, at least once a week, within the last three months before the survey.)

6.1.5. Broadband Internet fixed access market penetration - EU

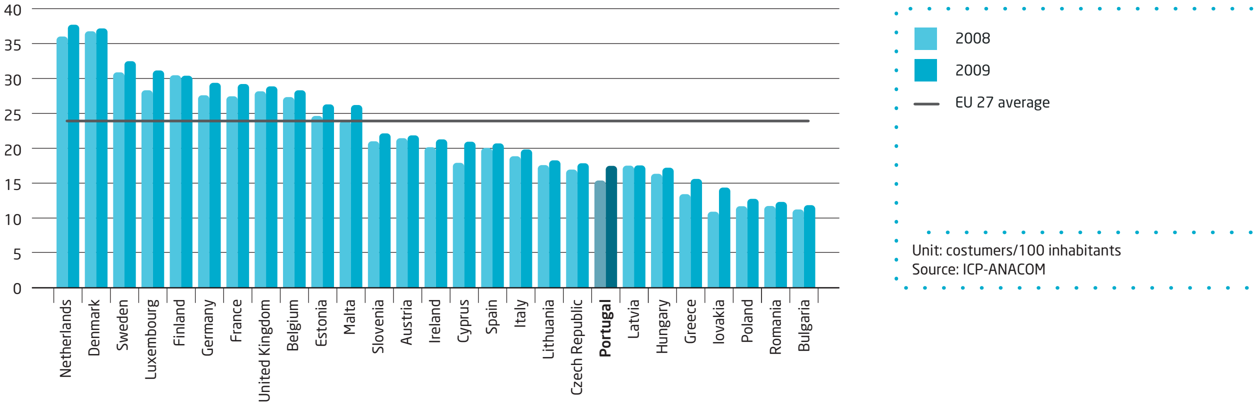
Internet broadband market penetration | Table 235

	2005	2006	2007	2008	2009
Netherlands	25,2	31,7	34,2	36,0	37,7
Denmark	24,6	31,3	36,0	36,8	37,2
Sweden	20,6	25,8	31,2	30,9	32,5
Luxembourg	15,3	20,7	25,4	28,3	31,2
Finland	22,3	27,0	30,7	30,5	30,5
Germany	12,8	18,1	23,8	27,6	29,4
France	15,8	20,2	24,7	27,5	29,2
United Kingdom	16,4	21,5	25,7	28,2	28,8
Belgium	19,1	22,2	25,6	27,3	28,3
Estonia	13,3	18,4	22,2	24,6	26,3
Malta	12,7	12,4	16,9	23,7	26,2
Slovenia	9,8	13,9	17,3	21,0	22,1
Austria	14,2	17,4	19,9	21,4	21,8
Ireland	6,6	12,0	17,4	20,0	21,3
Cyprus	6,1	8,7	13,8	18,0	20,9
Spain	11,5	15,0	18,3	20,0	20,7
Italy	11,7	14,4	17,1	18,8	19,8
Lithuania	6,9	10,6	15,0	17,6	18,2
Czech Republic	6,3	10,6	14,6	16,9	17,8
Portugal[1]	**11,0**	**13,4**	**14,2**	**15,4**	**17,6**
Latvia	5,7	10,6	15,0	17,5	17,5
Hungary	6,2	9,9	14,2	16,4	17,2
Greece	1,4	4,4	9,1	13,4	15,6
Slovakia	2,6	5,2	8,8	10,9	14,3
Poland	2,7	5,2	8,4	11,7	12,8
Romania	–	5,0	9,0	11,7	12,3
Bulgaria	–	4,5	7,6	11,2	11,9
EU 27	–	**16,2**	**20,2**	**22,7**	**23,9**

Unit: no. of customers 100 inhabitants
Source: Eurostat (informação de 2009 referente a Julho por inexistência de dados referentes ao final do ano)
1 ICP-ANACOM figures with reference to 31 December.

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Internet broadband market penetration | Graph 222



Unit: costumers/100 inhabitants
Source: ICP-ANACOM

6.1.6. Broadband accesses

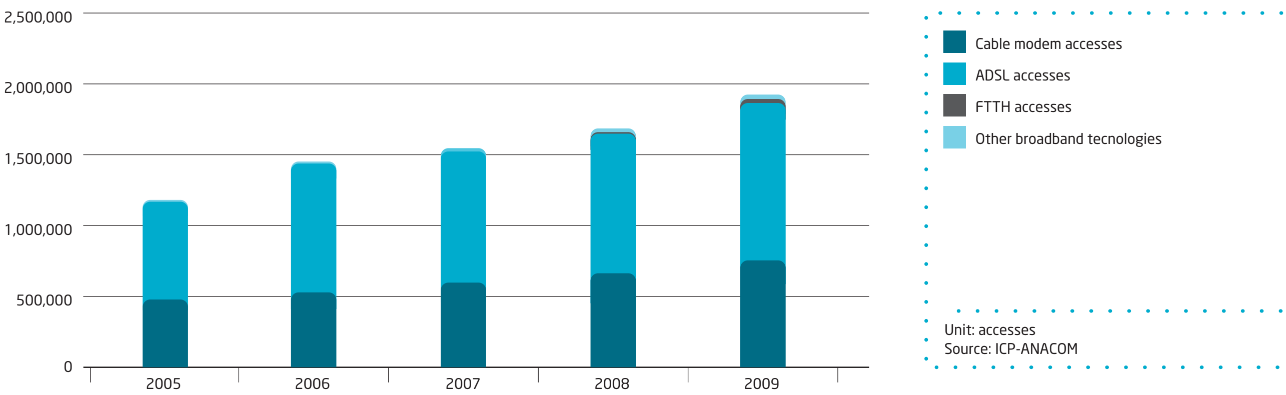
Broadband accesses | Table 236

	2005	2006	2007	2008	2009
Broadband accesses	**1,194,119**	**1,458,938**	**1,549,061**	**1,692,306**	**1,925,860**
Cable Modem Accesses	490,132	537,650	605,799	669,087	760,637
ADSL Accesses	700,456	916,037	927,759	996,561	1,108,680
FTTH Accesses	–	–	–	2,281	30 ,745
Other broadband tecnologies [1]	3,531	5,251	15 503	24,377	25,798

Unit: accesses
Source: ICP-ANACOM
1 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.

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Broadband accesses | Graph 223



Unit: accesses
Source: ICP-ANACOM

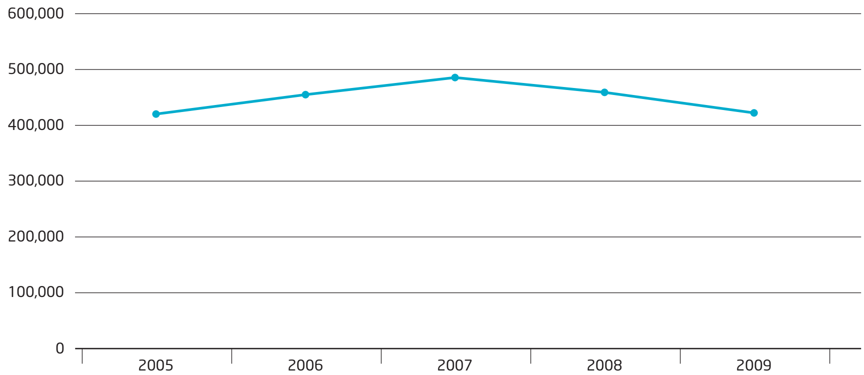
6.1.7. Internet Access Service revenues

Internet Access Service revenues | Table 237

	2005	2006	2007	2008	2009
Retail revenues					
Separable revenues from Internet Access Service[1]	420,748	454,605	483,622	460,679	423,717
Non-separable revenues from service bundles which include Internet Access Service[2]	–	–	–	69,663	139,145
Internet access wholesale revenues					
Internet access wholesale revenues	n.d.	n.d.	193,971	75,461	75,145

Unit: 10^3 euros
Source: ICP-ANACOM
1 Separable revenues from the Internet service. Does not include revenues of the service that is provided in a package where non-separable.
2 Revenue from the service packages that include internet where revenues are non-separable.
Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Separable revenues from Internet Access Service | Graph 224



Unit: 10^3 euros
Source: ICP-ANACOM

6.2. Mobile technologies

6.2.1. Mobile Internet Service Providers (ISP)

Number of mobile ISP | Table 238

	2005	2006	2007	2008	2009
Autorized ISP's	3	3	3	4	4
Active ISP	3	3	3	4	4

Unit: 1 provider
Source: ICP-ANACOM
Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

6.2.2. Number of users

Number of users | Table 239

	2005	2006	2007	2008	2009
No. of users that accessed broadband mobile Internet in the year	–	–	1,455	2,379	3,793
of which active	–	–	660	1,161	2,170
No. of users of 3G services, upgrades and equivalent standards using cards / modems connections[1]	–	–	452	832	1,099
No. of users that accessed broadband mobile Internet througt cards / modem connections[2]	–	–	470	904	1,197

Unit: thousands of users
Source: ICP-ANACOM

1 From the universe consisting of the number of active users with broadband internet access, represented by the indicator 1.1. of statistical indicators of UMTS data services and approved by resolution of 23/10/2006 (See ANACOM-29969/20066 circular letter of 25/10/2006), aims to get the overall number of those users who are connected to the service using IMEI corresponding cards/modems PCMCIA and USB (card PCMCIA, card USB, Modem USB, PC-Card, PC USB Card, etc.) in each of the dates indicated. The IMEI can be obtained, for example, in CDR, in the Terminal Identity.
2 From the universe consisting of the number of active users with broadband internet access, represented by the indicator 2.1. of statistical indicators of UMTS data services and approved by resolution of 23/10/2006 (See ANACOM-29969/20066 circular letter of 25/10/2006), aims to get the overall number of those users who are connected to the service using IMEI corresponding cards/modems PCMCIA and USB (card PCMCIA, card USB, Modem USB, PC-Card, PC USB Card, etc.) in each of the dates indicated. The IMEI can be obtained, for example, in CDR, in the Terminal Identity.
Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

6.2.3. Outgoing traffic

Traffic | Table 240

	2007	2008	2009
No. of APN Internet sessions	257,347	482,155	673,558
Volume of APN Internet traffic	5,066,186	13,096,605	18,147, 606

Unit: milhares de sessões, milhares de MB
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

6.2.4. Revenues

Total revenues from mobile Internet Access Service | Table 241

	2007	2008	2009
Internet Access Service[1]	130,134	275,833	342,321

Unit: 10^3 euros
Source: ICP-ANACOM
1 Includes broadband and narrowband revenues.

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

6.2.5. Internet mobile broadband access market penetration

Mobile broadband customers per 100 inhabitants | Table 242

2005	2006	2007	2008	2009
–	–	13,7	22,4	35,7

Unit: number of customers per 100 inhabitants
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

7. Services offered in bundles

Service bundles | Table 243

		2006	2007	2008	2009
Service bundles		**464,872**	**565,020**	**733,278**	**899,064**
Double play		336,811	385,729	390,275	404,611
Fixed telephone service and	Broadband Internet Access Service	213,356	250,784	245,348	212,248
	Television signal distribution service	100,834	102,481	117,610	134,547
	Mobile telephone service	–	–	–	–
Television signal distribution service and	Broadband Internet Access Service	22,621	32,464	27,317	57,816
Mobile telephone service and	Broadband Internet Access Service	–	–	–	–
	Television signal distribution service	–	–	–	–
Triple play		**128,061**	**179,291**	**333,353**	**471,268**
Fixed telephone service and	Broadband Internet access service and Television signal distribution service	128,061	179,291	333,353	471,268
	Mobile telephone service and Broadband Internet Access Service	–	–	–	–
	Mobile telephone service and Television signal distribution service	–	–	–	–
Mobile telephone service, Broadband Internet Access Service and Television signal distribution service			–	–	–
Quadruple play		–	–	**9,650**	**23,185**
Fixed telephone service, mobile telephone service, Broadband Internet Access Service and Television signal distribution service		–	–	–	–
Fixed telephone service, mobile telephone service, fixed and mobile Broadband Internet access service			–	9,650	23,185

Unit: no. of bundles
Source: ICP-ANACOM

Note 1: 'Bundled offer' means a commercial offer of a single operator which includes two or more services, such as , Mobile telephone service and Fixed telephone service, TV signal distribution service and broadband Internet access service, offered for a single price and as part of one bill.

8. Radiocommunications service

8.1. Station licences by service

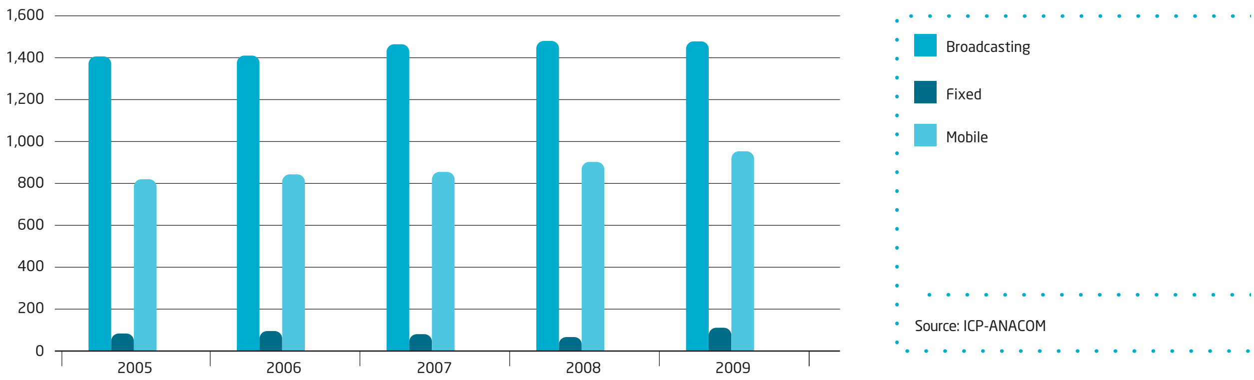
8.1.1. Station licences by service

Station licences | Table 244

	2005	2006	2007	2008	2009
Broadcasting	**1,412**	**1,419**	**1,467**	**1,485**	**1,485**
Sound MF broadcasting	665	661	674	684	684
Sound SW broadcasting	3	3	3	3	3
Sound MW broadcasting	54	54	52	52	52
Television broadcasting	690	701	738	746	746
Fixed	**82**	**98**	**75**	**69**	**112**
Fixed - short wave	14	24	24	18	58
Fixed - satelite	68	74	51	51	54
Mobile	**827**	**845**	**860**	**905**	**960**
Aeronautics mobile service	222	229	233	241	279
Maritime mobile service	605	616	627	664	681

Unit: 1 station licence
Source: ICP-ANACOM

Station licences | Graph 225



Source: ICP-ANACOM

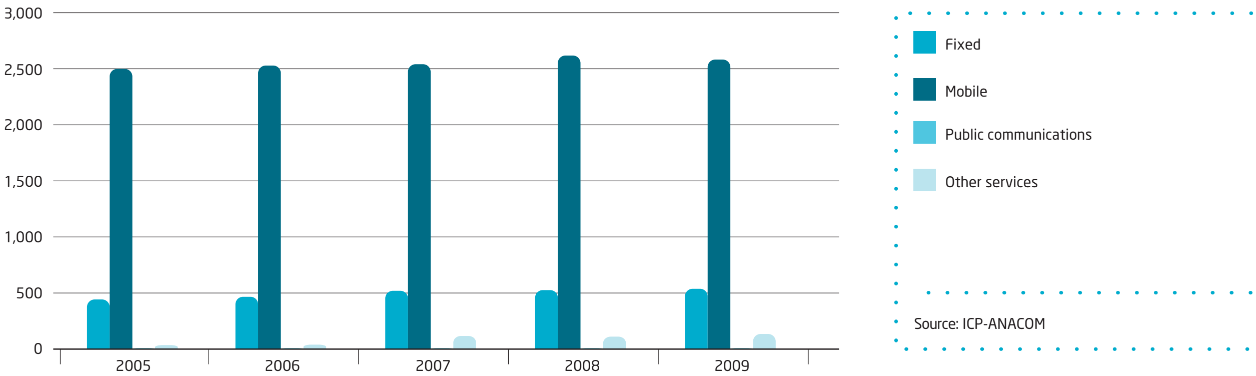
8.1.2. Network licences by service

Network licences | Table 245

	2005	2006	2007	2008	2009
Digital broadcasting	**1**	**1**	**1**	**1**	**2**
Digital audio broadcasting	1	1	1	1	1
Digital television broadcasting	–	–	–	–	1
Fixed	**458**	**483**	**522**	**533**	**548**
Fixed - FWA point multipoint	9	8	8	5	5
Fixed - point to point	449	475	489	504	519
Fixed - satelite	–	–	25	24	24
Mobile	**2,503**	**2,526**	**2,531**	**2,616**	**2,576**
Cellular mobile service - private	2,503	2,526	2,531	2,616	2,576
Public communications	**10**	**9**	**9**	**9**	**9**
Trunking - public	4	3	3	3	3
Cellular mobile service - public	6	6	6	6	6
Other services	**53**	**60**	**126**	**126**	**151**

Unit: 1 network licence
Source: ICP-ANACOM

Network licences | Graph 226



Source: ICP-ANACOM

Postal services

1. Postal traffic

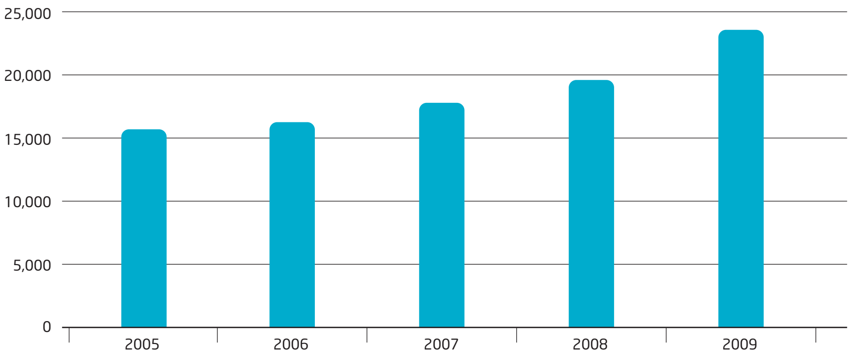
Postal traffic | Table 246

	2005	2006	2007	2008	2009
Express mail	15,728	16,300	17,751	19,804	23,652
Non-express mail	1,273,164	1,208,678	1,220,819	1,206,345	1,144,002
Postal traffic	**1,288,892**	**1,224,978**	**1 238 570**	**1,226,149**	**1,167,654**

Unit: thousands items
Source: ICP-ANACOM

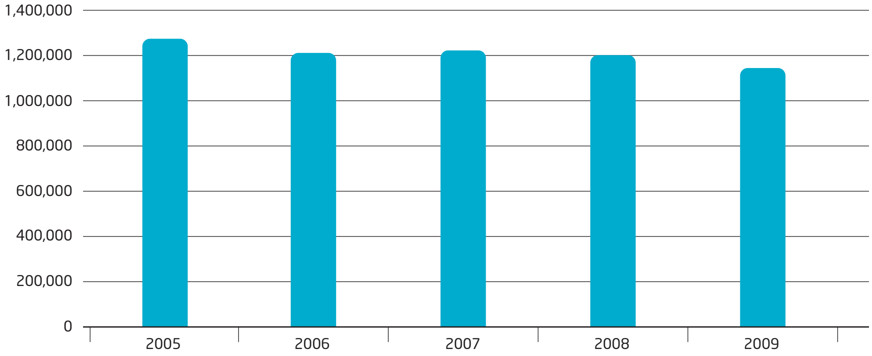
Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Express mail | Graph 227



Unit: thousands items
Source: ICP-ANACOM

Non express mail | Graph 228



Unit: thousands items
Source: ICP-ANACOM

1.1. Per capita postage

Per capita postage | Table 247

	2005	2006	2007	2008	2009
Postal traffic by inhabitant	122	116	117	115	110

Unit: postal traffic / thousands inhabitants
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

2. Postal network indicators

2.1. Equipment

Equipment | Table 248

	2005	2006	2007	2008	2009
Access points [1]	20,630	20,467	20,204	19,897	19,155
Distribution centers	472	470	478	507	497
Vehicles	5,856	5,550	5,738	6,088	6,127

Source: ICP-ANACOM
1 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. These figures were based on data supplied by service providers and may be corrected.

2.1.1. Postal coverage

Postal coverage | Table 249

	2005	2006	2007	2008	2009
Postal coverage	22,4	22,2	21,9	21,6	20,8

Unit: access points
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Postal density

Postal density | Table 250

	2005	2006	2007	2008	2009
Number of inhabitants served by a access point	512	518	526	534	555

Unit: inhabitants / access points
Source: ICP-ANACOM

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

3. Postal service provider indicators

3.1. Number of permanent offices

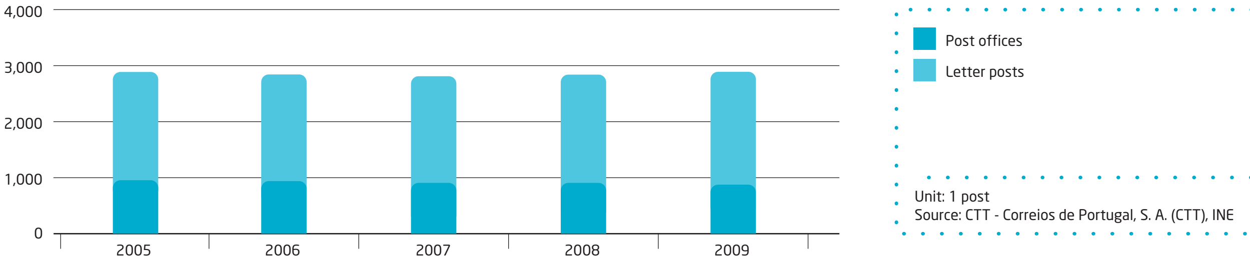
Number of permanent offices | Table 251

	2005	2006	2007	2008	2009
Post offices	981	960	924	908	901
Letter posts	1,917	1,903	1,929	1,965	1,990
Number of permanent offices	**2,898**	**2,863**	**2,853**	**2,873**	**2,891**

Unit: 1 post
Source: CTT

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Permanent offices | Graph 229



Unit: 1 post
Source: CTT - Correios de Portugal, S. A. (CTT), INE

3.1.1. Postal coverage

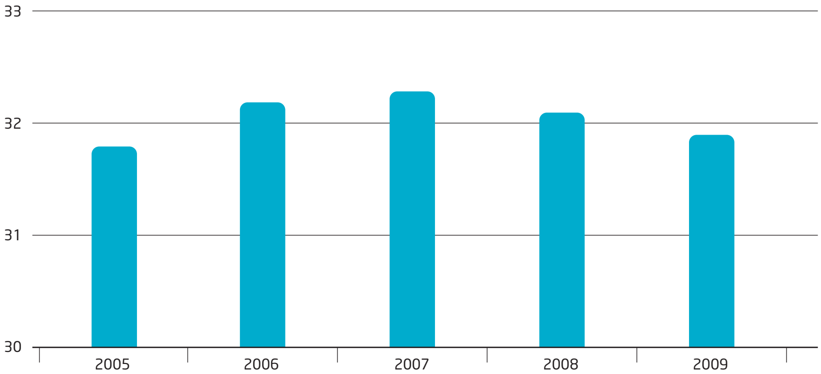
Postal coverage | Table 252

	2005	2006	2007	2008	2009
Area covered by a permanent office	31,8	32,2	32,3	32,1	31,9

Unit: km² / permanent office
Source: CTT - Correios de Portugal, S. A. (CTT), INE

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Area covered by a permanent office | Graph 230



Unit: km² / permanent office
Source: CTT - Correios de Portugal, S. A. (CTT), INE

3.1.2. Postal coverage - EU

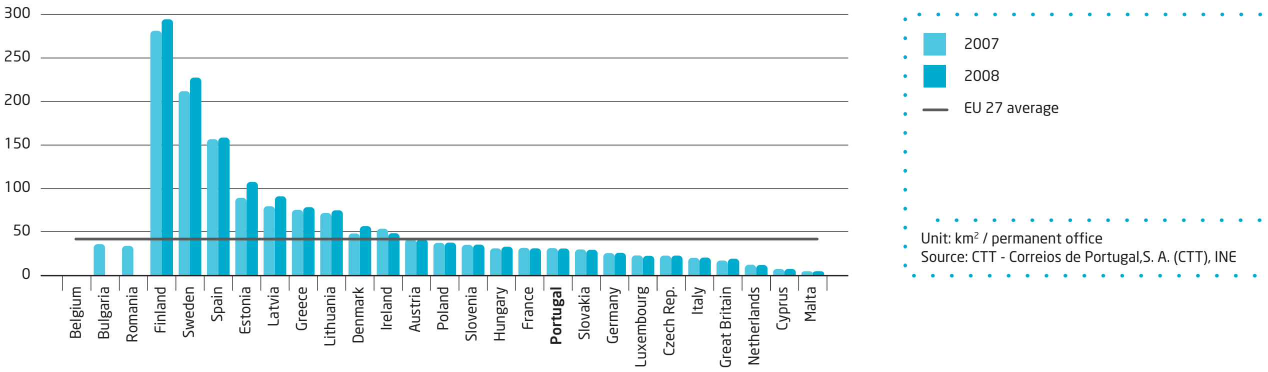
Postal coverage - EU | Table 253

	2004	2005	2006	2007	2008
Belgium	22	22	n.d.	n.d.	n.d.
Bulgaria	37	35	37	37	n.d.
Romania	35	35	35	35	n.d.
Finland	258	265	274	281	295
Sweden	n.d.	227	209	212	228
Spain	154	155	155	156	159
Estonia	83	83	80	90	108
Latvia	67	66	66	80	92
Greece	60	63	70	76	79
Lithuania	68	69	70	72	76
Denmark	43	46	47	49	57
Ireland	44	45	46	55	49
Austria	42	43	43	44	44
Poland	30	39	39	38	39
Slovenia	36	36	36	36	36
Hungary	33	33	33	32	34
France	33	32	32	32	32
Portugal	**30**	**32**	**32**	**32**	**32**
Slovakia	31	31	31	31	31
Germany	27	28	29	26	27
Luxembourg	24	24	24	24	23
Czech Rep.	23	23	23	23	23
Italy	22	22	22	22	22
Great Britain	17	17	17	18	20
Netherlands	13	13	13	13	13
Cyprus	8	n.d.	8	8	8
Malta	6	6	6	5	5
EU27 average	**39**	**40**	**39**	**40**	**42**

Unit: km^2 / permanent office
Source: ICP-ANACOM, União Postal Universal (UPU)

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Postal coverage - EU | Graph 231



Unit: km² / permanent office
Source: CTT - Correios de Portugal,S. A. (CTT), INE

3.1.3. Postal density

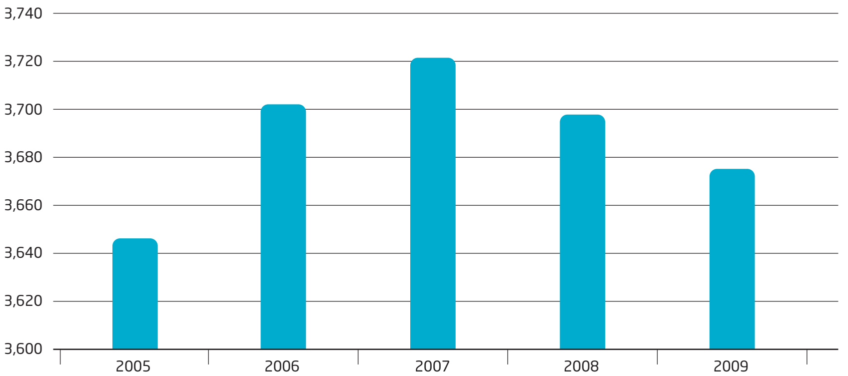
Postal density | Table 254

	2005	2006	2007	2008	2009
Inhabitants served by a permanent office	3,647	3,702	3,722	3,699	3,676

Unit: no. of inhabitants / permanent office
Source: CTT - Correios de Portugal, S. A. (CTT), INE

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected."

Inhabitants served by a permanent office | Graph 232



Unit: no. of inhabitants / permanent office
Source: CTT - Correios de Portugal, S. A. (CTT), INE

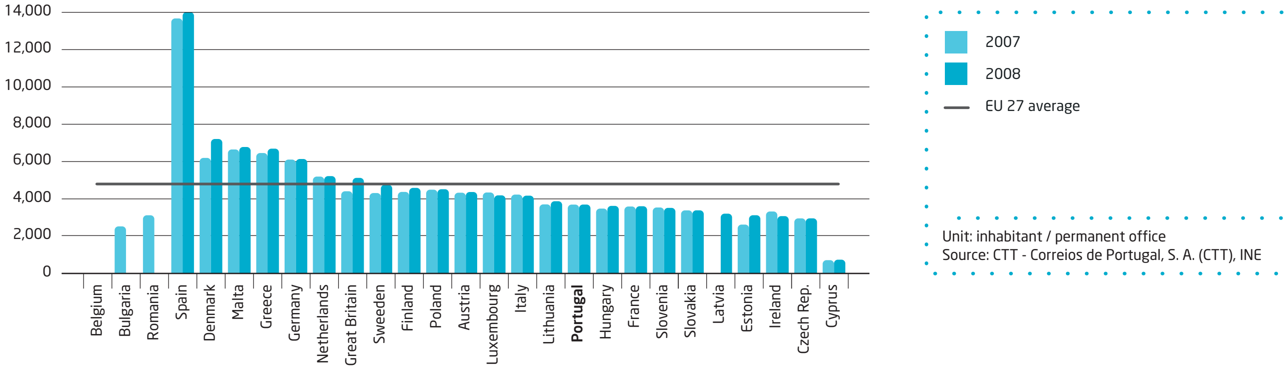
3.1.4. Postal density - EU

Postal density - EU | Table 255

	2003	2004	2005	2006	2007	2008
Belgium	7,929	7,567	7,380	n.d.	n.d.	n.d.
Bulgaria	n.d.	2,591	2,470	2,576	2,557	n.d.
Romania	3,191	3,185	3,175	3,162	3,148	n.d.
Spain	12,594	13,004	13,263	13,458	13,692	14,010
Denmark	5,287	5,425	5,732	5,947	6,205	7,261
Malta	7,947	7,846	7,894	7,784	6,665	6,804
Greece	4,986	5,036	5,303	5,879	6,432	6,718
Germany	6,110	6,347	6,523	6,611	6,107	6,139
Netherlands	6,282	5,101	5,117	5,200	5,212	5,222
Great Britain	3,761	4,105	4,191	4,256	4,418	5,105
Sweeden	n.d.	n.d.	4,565	4,222	4,303	4,650
Finland	3,876	3,990	4,111	4,270	4,390	4,614
Poland	4,611	3,501	4,574	4,550	4,491	4,534
Austria	4,092	4,129	4,259	4,288	4,346	4,389
Luxembourg	4,154	4,151	4,267	4,272	4,320	4,253
Italy	4,245	4,220	4,240	4,243	4,263	4,213
Lithuania	n.d.	3,602	3,609	3,649	3,762	3,911
Portugal	**2,943**	**3,461**	**3,644**	**3,705**	**3,733**	**3,720**
Hungary	3,269	3,581	3,547	3,517	3,483	3,648
France	3,545	3,577	3,586	3,599	3,612	3,626
Slovenia	3,600	3,586	3,583	3,586	3,587	3,587
Slovakia	3,331	3,371	3,397	3,389	3,392	3,394
Latvia	2,417	2,392	2,361	2,326	–	3,227
Estonia	2,463	2,474	2,471	2,376	2,660	3,191
Ireland	2,409	2,536	2,639	2,755	3,344	3,072
Czech Rep.	2,973	2,982	2,984	2,996	2,995	2,989
Chipre /Cyprus	728	744		739	742	754
Média EU 27	**4,606**	**4,432**	**4,550**	**4,462**	**4,548**	**4,807**

Unit: inhabitants / permanent office
Source: União Postal Universal (UPU)

Postal coverage - EU | Graph 233



Unit: inhabitant / permanent office
Source: CTT - Correios de Portugal, S. A. (CTT), INE

3.2. Quality of service indicators

Quality of service indicators | Table 256

	2005	2006	2007	2008	2009
Ordinary mail					
Delivery delay (up to 3 working days)	97,2 %	94,9 %	97,1 %	96,7 %	97,6 %
Ordinary mail not delivered up to 15 working days	1,1 ‰	1,3 ‰	1,6 ‰	1,7 ‰	2,1 ‰
Priority mail					
Delivery delay (next workingday deliveries)[1]	95,6 %	92,6 %	94,7 %	95,0 %	95,2 %
Priority mail not delivered up to 10 working days	1,4 ‰	1,6 ‰	1,4 ‰	1,3‰	2,1‰
Waiting queue at the post office[2]					
Average time	92,3 %	92,6 %	89,4 %	90,6 %	92,3 %

Unit: ‰, %
Source: CTT - Correios de Portugal, S. A. (CTT), ICP-ANACOM
1 Up to 2003, all national traffic was considered, whereas, after 2003 only mainland traffic was considered.
2 Average percentage of waiting queue at post office of less than 10 minutes.

Note: Some values were revised due to providers information updates. These figures were based on data supplied by service providers and may be corrected.

Annex I

List of acronymous and abbreviations

1G	1st Generation
2G	2 nd Generation
3G	3rd Generation mobile system
64QAM	Quadruple Amplitude Modulation
AC	Administration Council
ADSL	Asymmetric Digital Subscriber Line
AON	Active Optical Networks
CATV	Community Antenna Television
CDMA	Code Division Multiple Access
CPI	Consumer Price Index
DCS 1800	Digital Cellular System 1800 MHz
DSL	Digital Subscriber Line
DSLAM	Digital Subscriber Line Acess Multiplexer
DTH	Direct To Home
DTT	Digital Terrestrial Television
DVB-T	Digital Video Broadcasting - Terrestrial
EDGE	Enhanced Data Rates for GSM/DCS Evolution
EMS	Enhanced Message Service
EPG	Electronic Programming Guide
FDMA	Frequency Division Multiple Access
FTS	Fixed telephone service
FTTB	Fiber to the Building
FTTC	Fiber to the cabinet
FTTH	Fiber to the Home
FTTN	Fiber to the Node
FTTx	Fiber to the x
FWA	Fixed Wireless Access
GPRS	General Packet Radio Service
GSM	Global System for Mobile Communications
HSPA	High speed packet access
HSUPA	High-Speed Uplink Packet Access
IG	Overall indicator of quality of service
IP	Internet Protocol
IPTV	Internet Protocol Television
ISDN	Integrated Services Digital Network
ISP	Internet Service Provider
ITC	Information and communication technologies
ITED	Telecommunication Infrastructure in Buildings
LLU	Local loop unbundling offer
LTE	Long Term Evolution
LMS	Land mobile service
MDF	Main distribution frames
MMS	Multimedia Messaging Service
MTS	Mobile telephone service
MVNO	Mobile Virtual Network Operator
NGA	Next generation access networks
NGN	Next generation networks
NUTS	Nomenclature of Territorial Units for Statistics PC Personal Computer
PCMCIA	Personal Computer Memory Card International Association
PDA	Personal Digital Assistant
PLC	Power Line Communications
PON	Passive Optical Networks
PPC	Purchasing Power Parity
QSI	Quality of service indicators
RNT	Rede Nacional de Telecomunicações. SA
RUO	Reference Unbundling Offer
SIM	Subscriber Identity Module
SME	Small and Medium-sized Enterprises
SMS	Short Message Service
STDS	Cable television distribution service
STS	Subscription television service
TDMA	Time Division Multiple Access
TV	Television
UMTS	Universal Mobile Telecommunications System

US	Universal Service
USB	Universal Serial Bus
VDSL	Very high-bit-rate Digital Subscriber Line
VOD	Video On Demand
VoIP	Voice Over Internet Protocol
WAP	Wireless Application Protocol
WCDMA	Wideband Code Divison Multiple Access
WLRO	Wholesale Line Rental Offer

Annex II

List of operators

ACP	Comunicações Electrónicas, Unipessoal, Lda
AR TELECOM	AR Telecom – Acessos e Rede de Telecomunicações, S. A.
BRAGATEL	Bragatel – Companhia de Televisão por Cabo de Braga, S. A.
CABOVISÃO	Cabovisão – Sociedade de Televisão por Cabo, S. A
CTT	CTT – Correios de Portugal, S. A.
GRUPO PT	Grupo Portugal Telecom
NOVIS	Novis Telecom, S. A.
ONITELECOM	OniTelecom – Infocomunicações, S. A.
OPTIMUS	Optimus – Telecomunicações, S. A.
PTC	PT Comunicações, S. A.
SONAECOM	Sonaecom – Serviços de Comunicações, S. A.
TELE2	Telemilénio – Telecomunicações, Sociedade Unipessoal, Lda.
TMN	TMN – Telecomunicações Móveis Nacionais, S. A.
VODAFONE	Vodafone Portugal – Comunicações Pessoais, S. A.
ZON MULTIMÉDIA	ZON Multimédia – Serviços de Telecomunicações e Multimédia, SGPS, S. A.
ZON TV CABO	ZON TV Cabo Portugal, S. A.

Annex III

Others entities / organisations

Auchan	Companhia Portuguesa de Hipermercados, S. A
COCOM	Communications Committee
ETSI	European Telecomunications Standard Institute
ICP-ANACOM	ICP-Autoridade Nacional de Comunicações
IDATE	Institut de L'Audiovisuel et des Télécommunications en Europe
OCDE	Organisation for Economic Coorperation and development
EP	European Parliament
EU	European Union
UPU	Universal Postal Union