EUROPEAN COMMISSION
Information Society and Media Directorate-General

Lisbon Strategy and Policies for the Information Society
Economic and Statistical Analysis Unit

Brussels, 18 November 2009
DG INFSO/C4

COCOM09-29 FINAL

COMMUNICATIONS COMMITTEE

Working Document

Subject: **Broadband access in the EU: situation at 1 July 2009**

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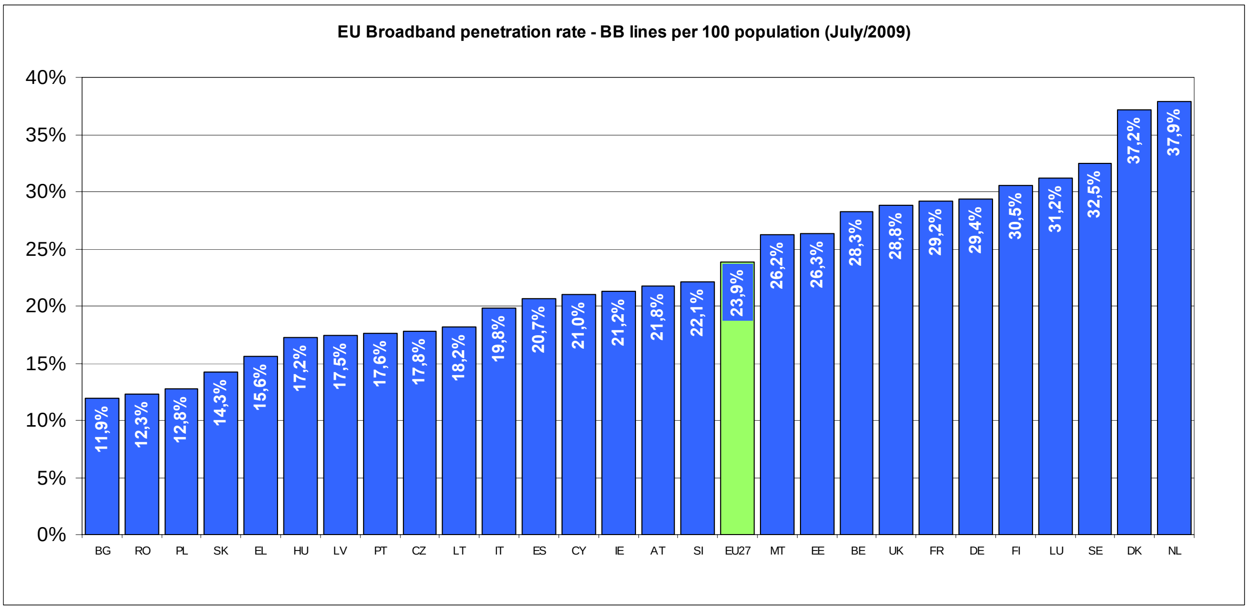
Broadband access in the EU as at 1 July 2009

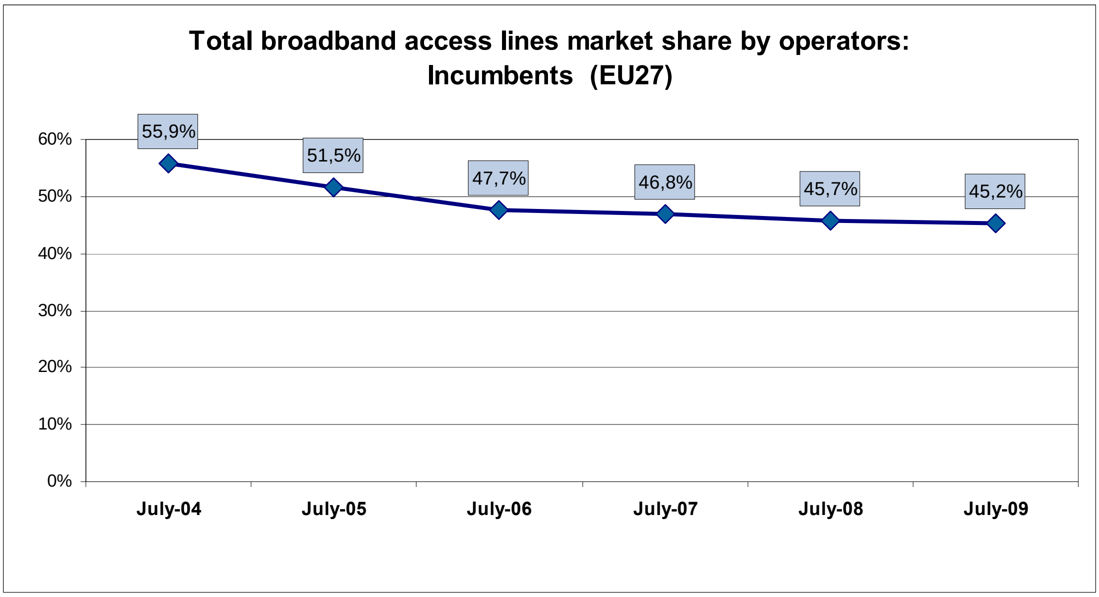
List of figures

1. Executive Summary

- Broadband take-up continues but at a slowing rate, also affected by the economic slowdown: The EU average fixed broadband **penetration rate**[1] **reaches 23.9%,** up 2.3 percentage points over one year.

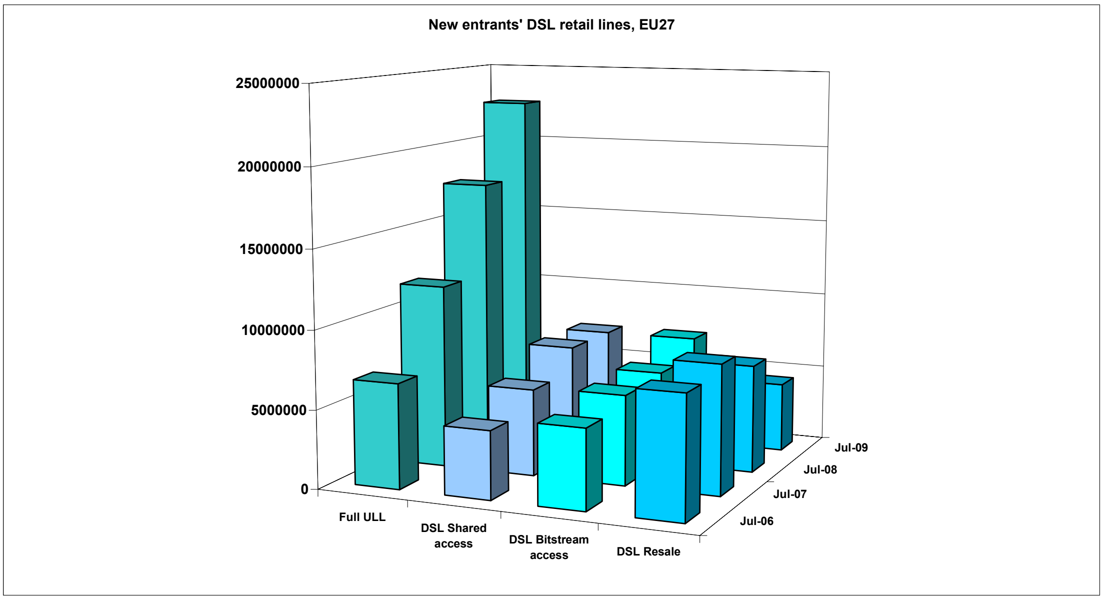


- **Incumbent fixed operators'** market share **stabilizes at around 45%.**

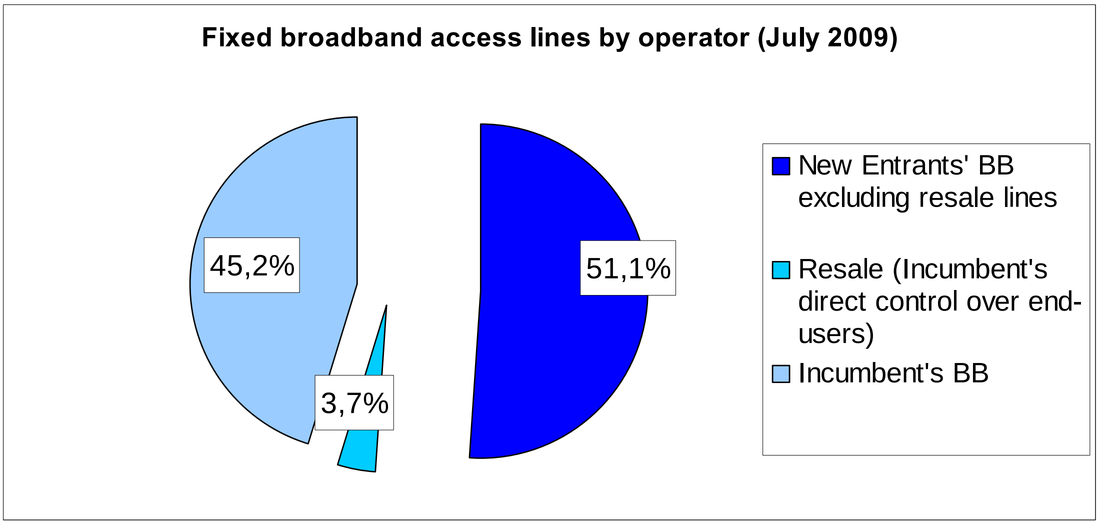


[1] Number of broadband lines per 100 population

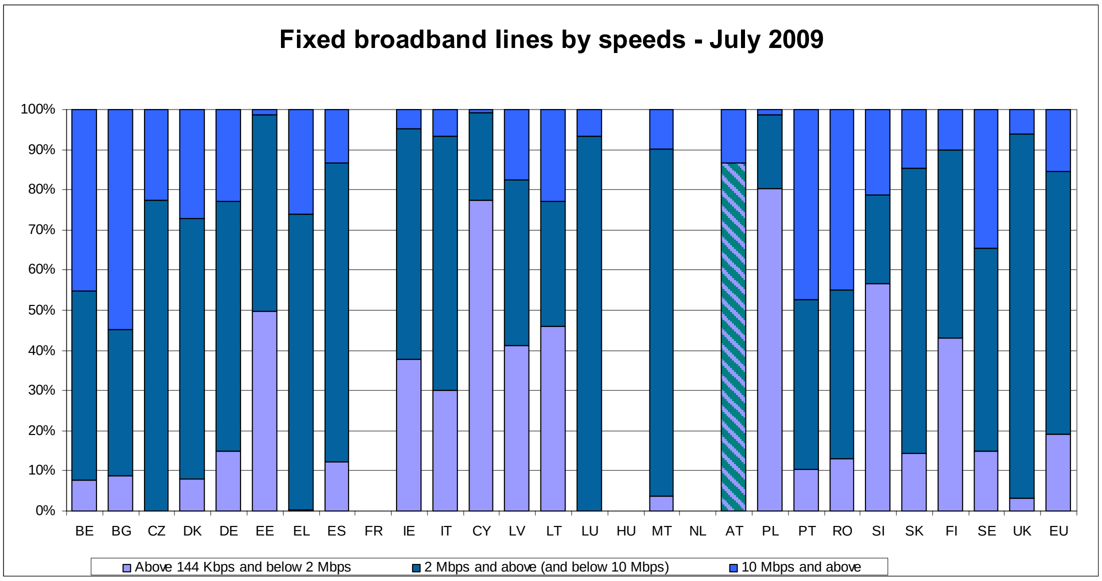
- **Local loop unbundling** (fully unbundled lines and shared access) is the main wholesale access for new entrants with **71.4% of DSL lines**, up from 65.2% in July 2008. New entrants' use of bitstream access for local loop unbundling in the provision of broadband services remained stable (its share went up by 1 percentage point since July 2008). **Share of resale**, which represents a type of access for low-investment intensive new entrants, **has shrunk by 7.6 percentage points** during the last year.



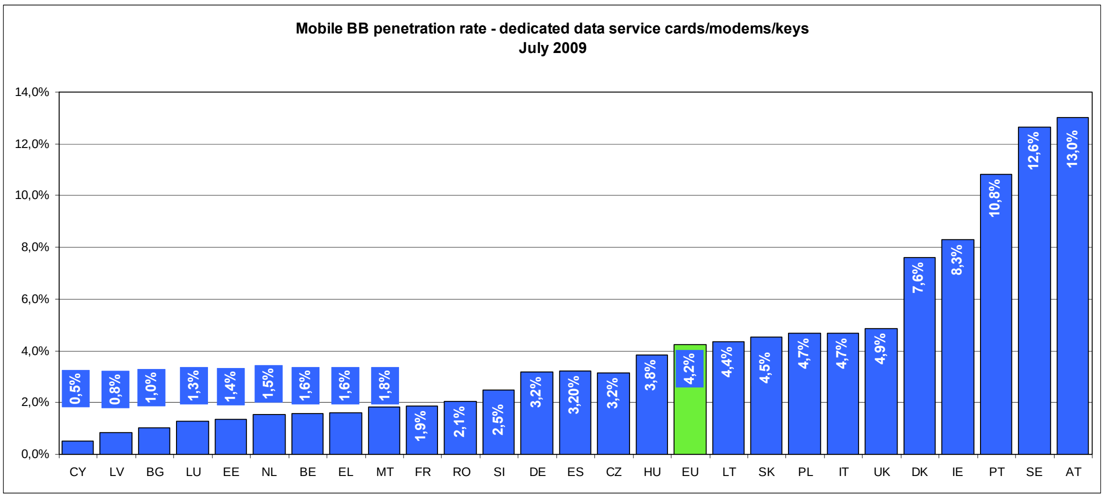
- Because of the reduction in resale, the **incumbent's direct control over end-users has reduced** for the first time below 50% of the broadband market (down from 52% a year ago).



- About **80% of fixed broadband lines in the EU are above 2Mbps** (up from 75% in January 2008), although data are not available for all Member States. 19% of reported fixed broadband lines are in the range of 144 Kbps and below 2 Mbps (24% less than 6 months ago), 65% are in the range 2 -10 Mbps (7% more than 6 months ago), whereas 15% of the lines are above 10 Mbps (10% up).



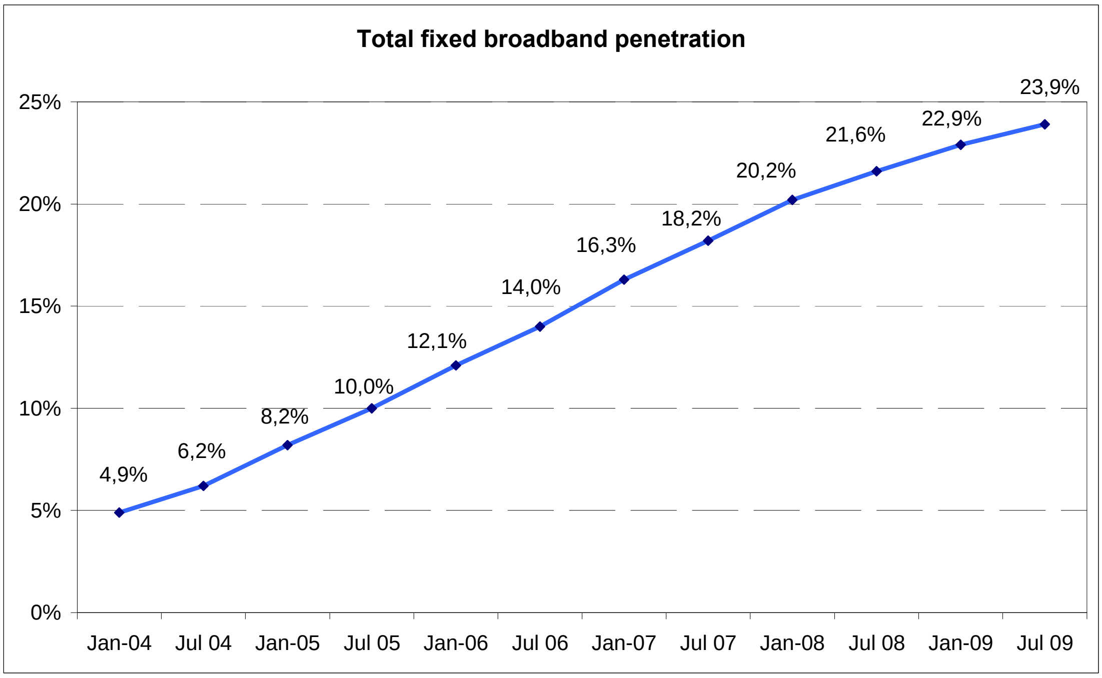
- The **penetration of mobile broadband as measured by dedicated data service cards/modems/keys was 4.2%** (up from 2.8% in January 2009). Data are not available for all Member States.



2. Retail fixed broadband lines

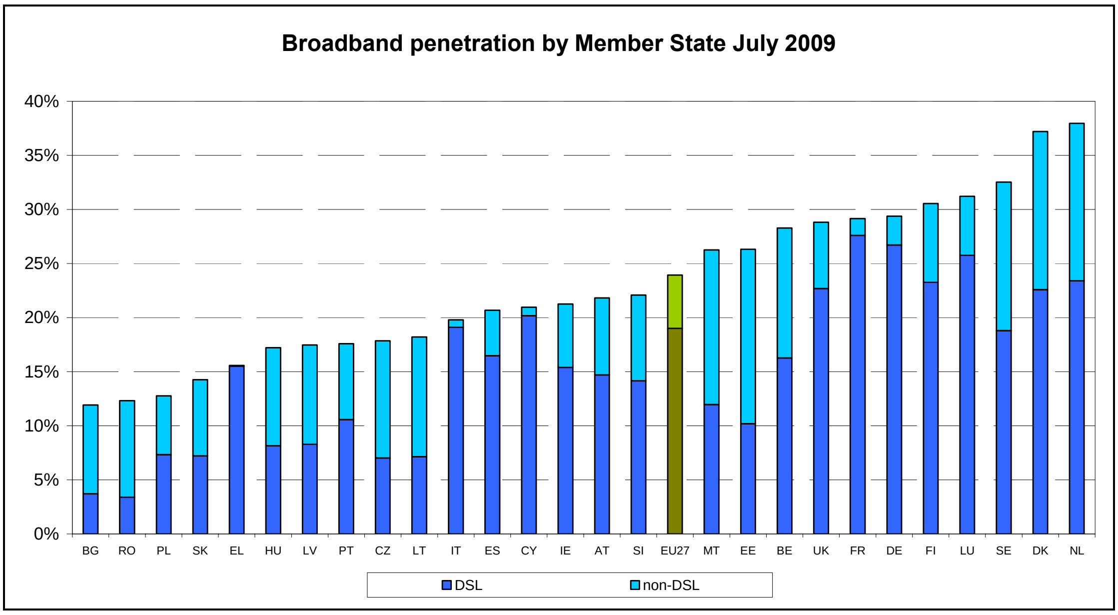
2.1 Broadband penetration

Figure 1: Growth trend in fixed broadband penetration since January 2004



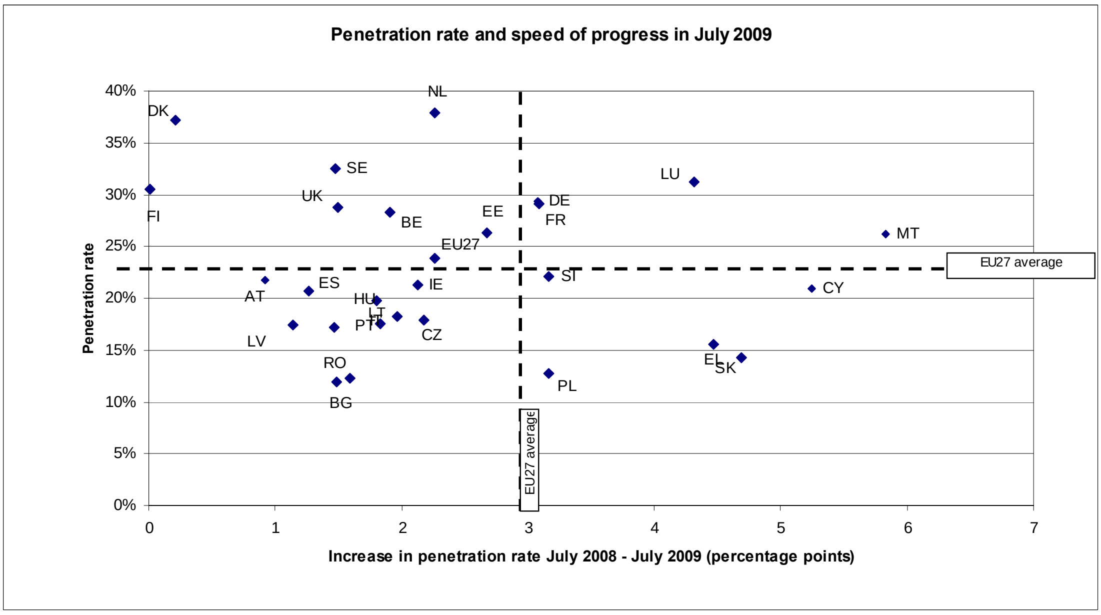
Following the traditional S-shaped curve modelling technology adoption, fixed broadband penetration has been slowing down over the past 18 months, also influenced by the economic downturn.

Figure 2: Penetration rate. Lines per 100 population



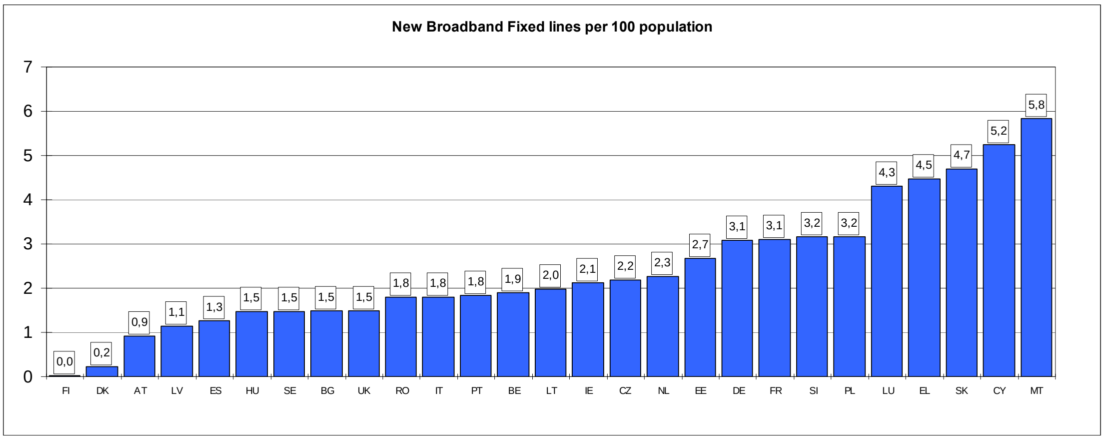
At EU level the penetration rate reaches 23.9%, up 2.3 percentage points over one year. Two countries, the Netherlands (37.9%) and Denmark (37.2%) remain the top performers, with Sweden, Luxembourg and Finland exceeding the 30% mark. Germany, France, United Kingdom, Belgium, Estonia and Malta exceed the 25% mark. All Member States exceed now the 10% penetration rate.

Figure 3: Penetration rate and speed of progress



The plot of countries' penetration rates against their yearly growth rates reveals that (i) an increasing number of countries are reaching saturation levels; (ii) fastest growth is experienced by countries lagging behind, and (iii) an increasing number of countries are failing to catch up and fall further behind the leaders.

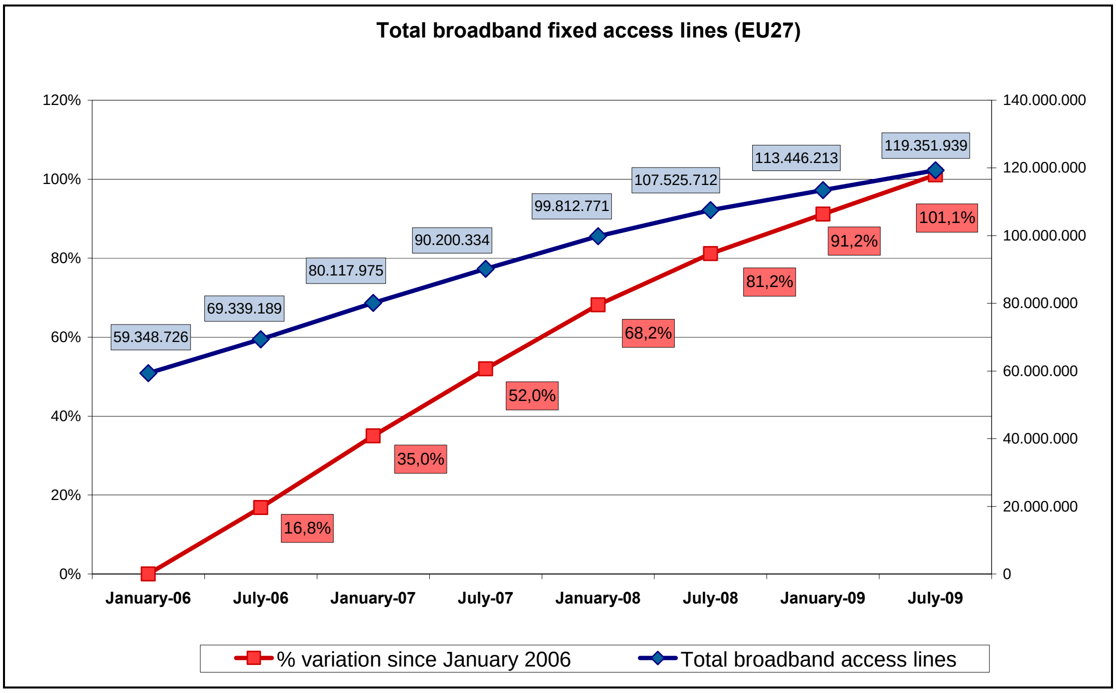
Figure 4: New broadband fixed lines per 100 population



The number of broadband lines added per day in the period between July 2008 and July 2009 was 32,401 for the EU27, representing about 15,000 connections per day less than the previous year. Malta leads with 5.8% new broadband lines added per population.

2.2 Broadband access lines

Figure 5: Growth trend since January 2006



In the period between July 2008 and July 2009, a total of 11,826,227 new broadband lines were added, less than previously recorded growth rates.

Figure 6: Distribution of broadband lines per country with technological breakdown

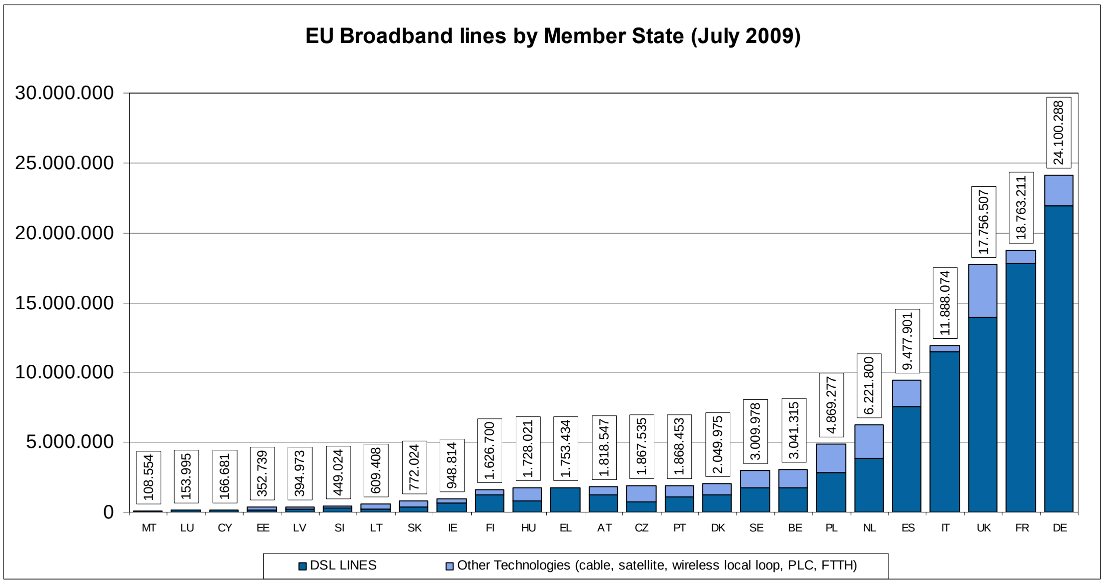
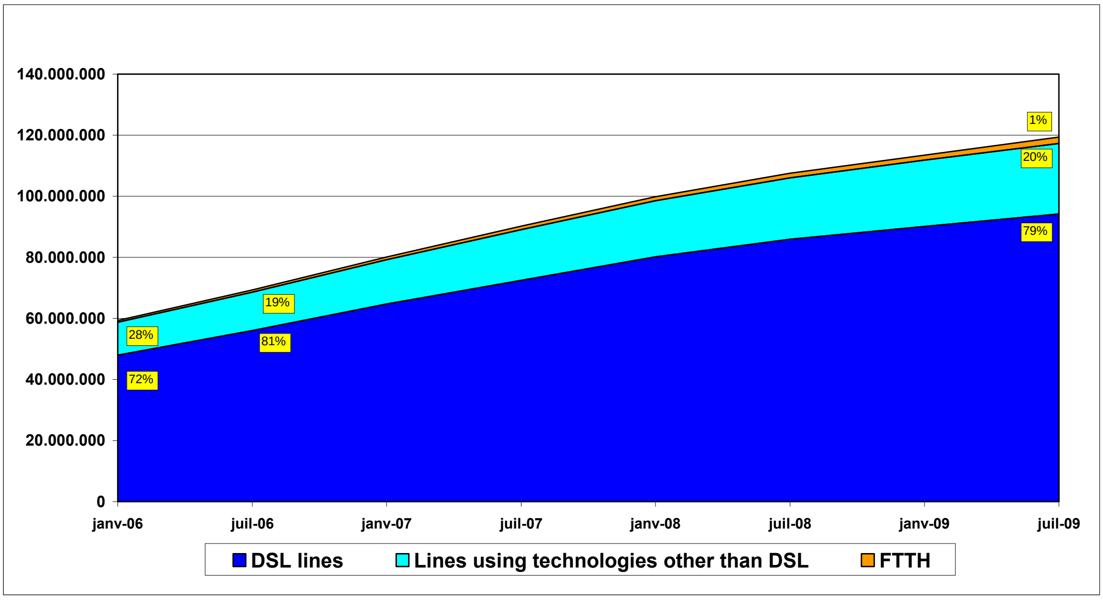


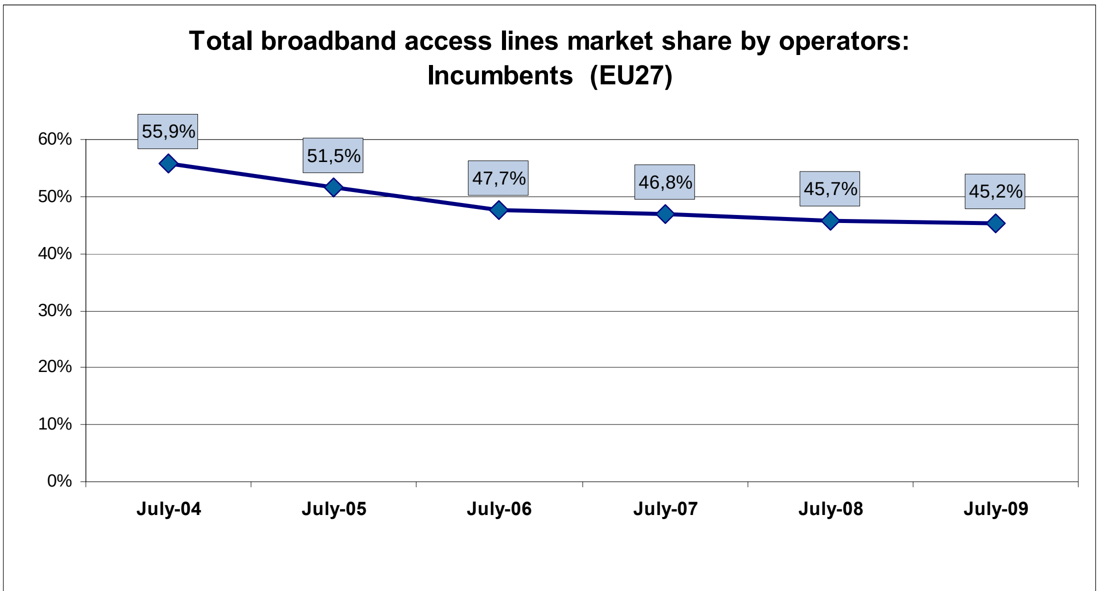
Figure 7: Broadband lines by technology – EU 27



The market share of DSL over the total number of broadband lines has decreased to 79% from the peak of 81% in July 2006. In the period between July 2008 and July 2009, 70% of the new lines were provided by means of xDSL technologies, while 30% were connections using other types of technologies, featuring a 3 percentage point increase in access lines by other means compared to the year before.

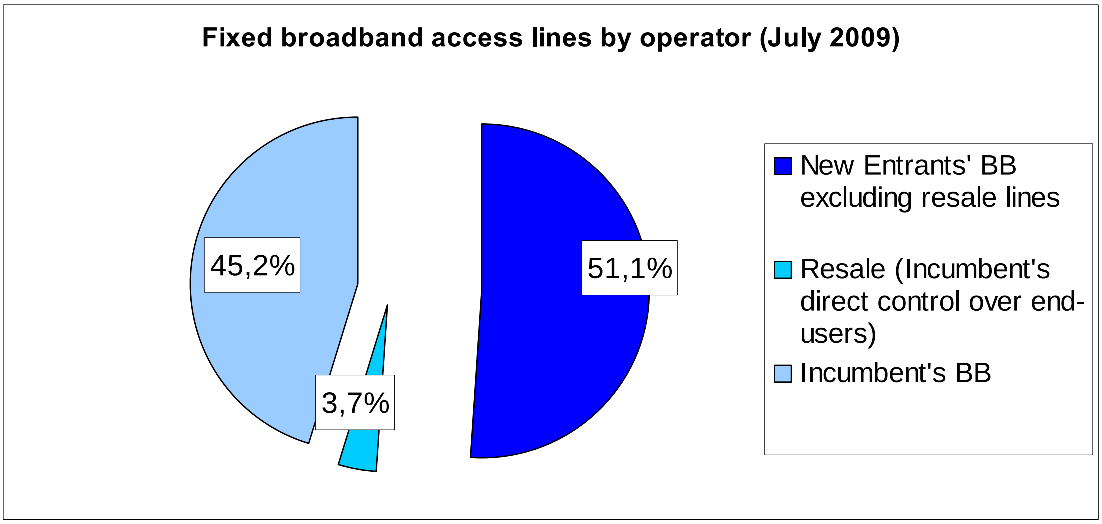
2.3 Broadband access lines market share

Figure 8: Trend in the percentage of broadband lines provided by the incumbent fixed operators



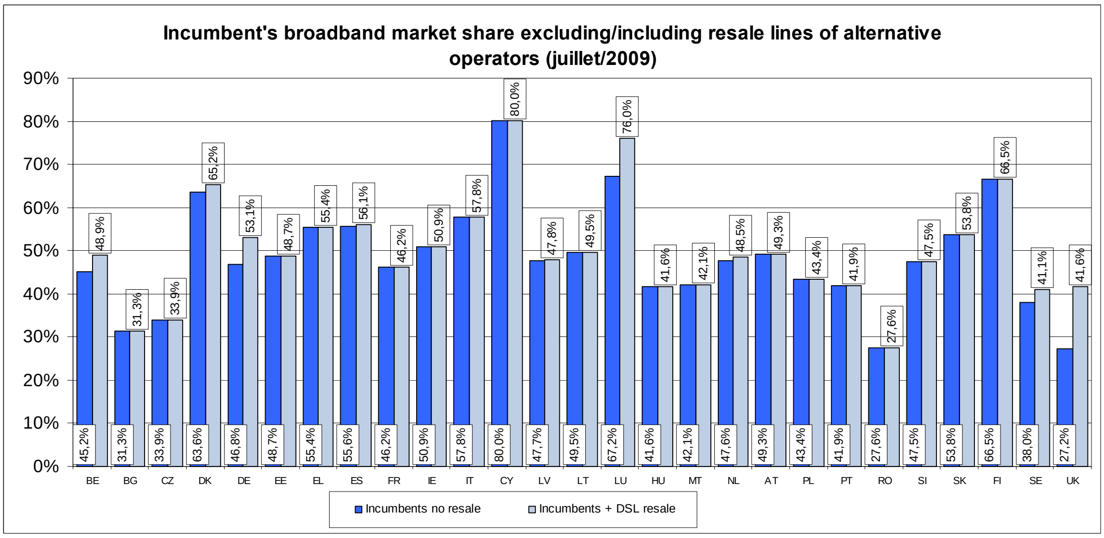
The market share of the incumbent fixed operators since July 2003 has followed a downward trend which is now stabilizing around 45.5% of the broadband market.

Figure 9: Broadband lines market share



Despite stabilisation, incumbents' control over end-users (including resale) for the first time fell below 50% of the broadband market.

Figure 10: Market shares of incumbents, excluding and including resale



As resale shrinks, the difference between incumbents’ market shares including or excluding resale is narrowing in most countries. However the UK (with 14.4 percentage points difference between the market share of the incumbent excluding and including resale lines of alternative operators), Germany (with 6.3 points) and Luxembourg (with 8.8 points) are examples of the incumbents' inflated market power.

Table 1 Retail broadband lines in the EU by country

	July 2006	January 2007	July 2007	January 2008	July 2008	January 2009	July 2009
BE	2,172,246	2,399,193	2,509,456	2,714,335	2,813,048	2,938,605	3,041,315
BG	N/A	345,577	438,366	580,226	796,030	853,089	905,340
CZ	860,508	1,087,520	1,252,269	1,497,420	1,626,330	1,770,184	1,867,535
DK	1,606,531	1,730,674	1,855,276	1,943,036	2,024,936	2,026,185	2,049,975
DE	12,608,400	14,902,200	17,401,503	19,579,000	21,618,300	22,618,000	24,100,288
EE	222,987	246,887	268,586	298,291	316,969	329,436	352,739
EL	297,090	487,889	760,858	1,017,475	1,245,974	1,506,614	1,753,434
ES	5,784,862	6,652,665	7,480,342	8,155,021	8,793,517	9,157,465	9,477,901
FR	11,297,543	12,816,164	14,117,236	15,687,000	16,617,461	17,688,008	18,763,211
IE	372,172	517,324	652,832	752,856	841,590	890,371	948,814
IT	7,690,503	8,497,422	9,402,180	10,122,126	10,727,651	11,304,522	11,888,074
CY	50,566	68,014	86,260	108,805	124,263	143,302	166,681
LV	155,738	241,550	263,602	343,076	370,772	395,896	394,973
LT	286,059	359,564	431,449	507,719	546,082	588,347	609,408
LU	80,105	98,765	112,927	120,973	130,113	139,501	153,995
HU	760,271	995,784	1,172,067	1,428,726	1,583,104	1,640,444	1,728,021
MT	51,943	50,493	56,400	68,950	83,767	98,109	108,554
NL	4,741,829	5,192,200	5,467,900	5,587,600	5,851,300	5,935,000	6,221,800
AT	1,310,096	1,440,550	1,549,059	1,655,519	1,736,940	1,786,052	1,818,547
PL	1,504,274	1,994,460	2,605,958	3,199,663	3,659,289	4,478,465	4,898, 277
PT	1,359,744	1,470,810	1,565,869	1,596,644	1,672,312	1,754,653	1,868,453
RO	N/A	1,087,424	1,511,180	1,949,118	2,266,741	2,507,625	2,649,371
SI	228,962	279,660	307,985	347,492	383,521	426,070	449,024
SK	215,303	279,635	372,393	476,666	516,935	589,897	772,024
FI	1,308,459	1,426,351	1,518,428	1,619,029	1,618,098	1,625,745	1,626,700
SE	2,069,685	2,347,850	2,575,700	2,826,000	2,850,500	2,861,000	3,009,978
UK	11,615,703	13,102,298	14,464,253	15,630,005	16,710,169	17,393,628	17,756,507
EU	68,651,579	80,118,923	90,200,334	99,812,771	107,525,712	113,446,2139	119,351,939

3. DSL lines

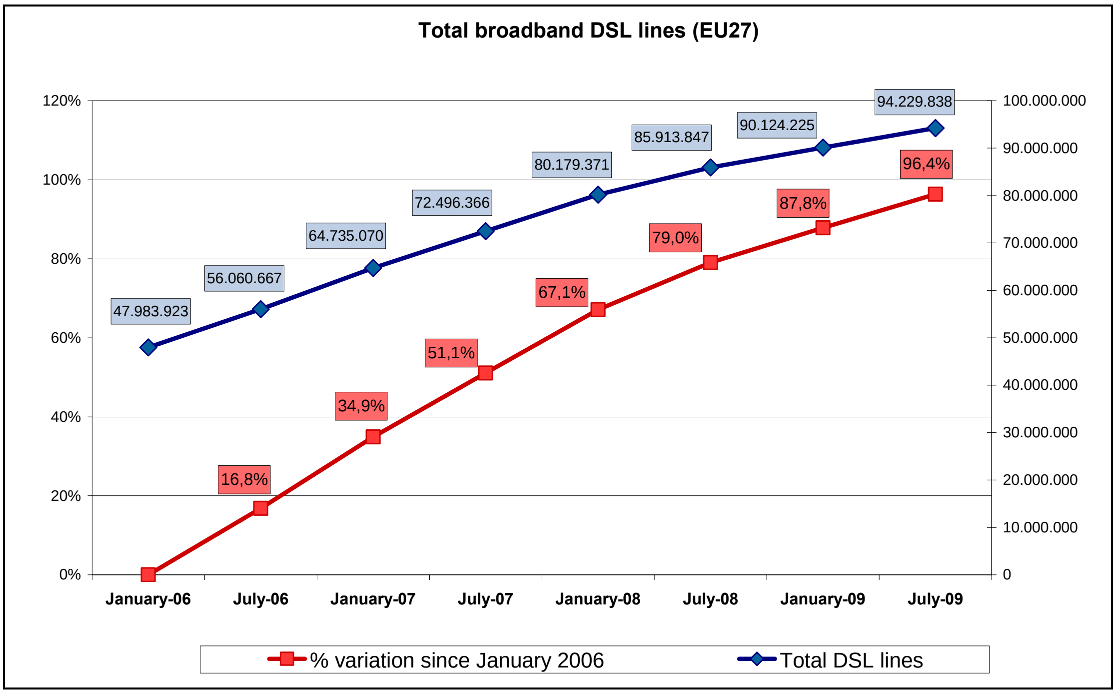
3.1 DSL access lines

There were over 94 million DSL lines in the EU as of 1 July 2009, a 9.4% increase since July 2008.

In the period between July 2008 and July 2009 a total of 8,315,991 new DSL lines were added in the EU27. This is more than 5 million lines less than the number of new lines installed in the period between July 2007 and July 2008 (13,417,481), further highlighting the slowdown in DSL growth which started three years ago.

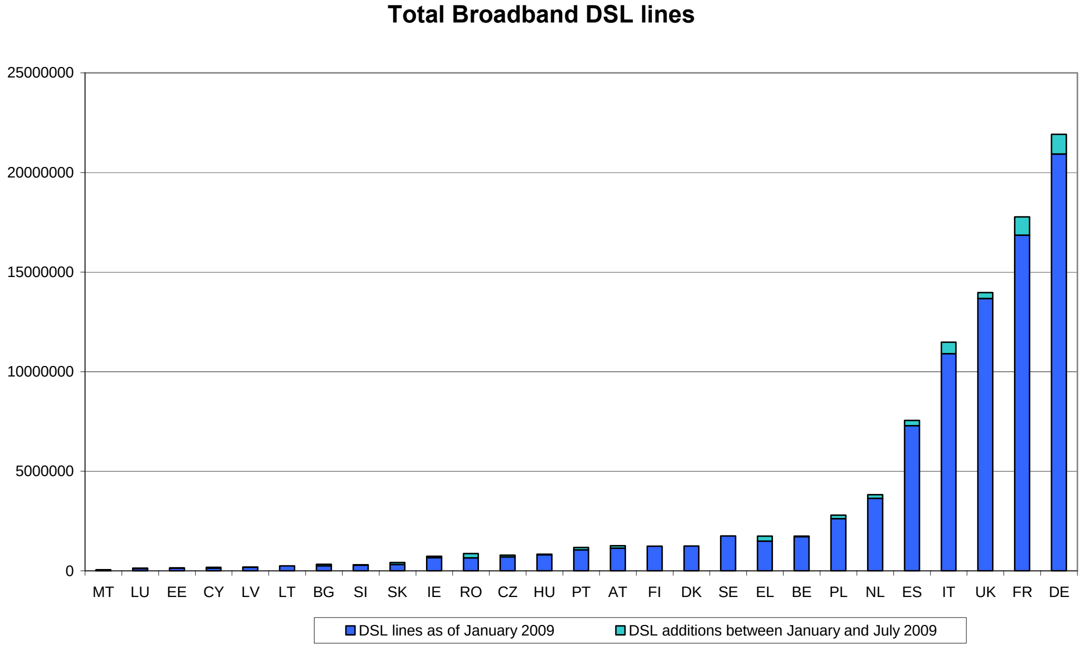
Incumbent fixed operators provided 59% of these new lines, up from 52% in the period between July 2007 and July 2008.

Figure 11: Growth trend since January 2006



The number of DSL lines added each day in the period between July 2008 and July 2009 was 22,784, which is less than over the previous year, when 36,660 new DSL connections per day were recorded.

Figure 12: Growth in DSL lines by country



Germany, France and the UK provide more than half of all DSL lines (57%).

3.2 DSL access lines market share

Figure 13: Distribution of new DSL lines by country and by type of operator

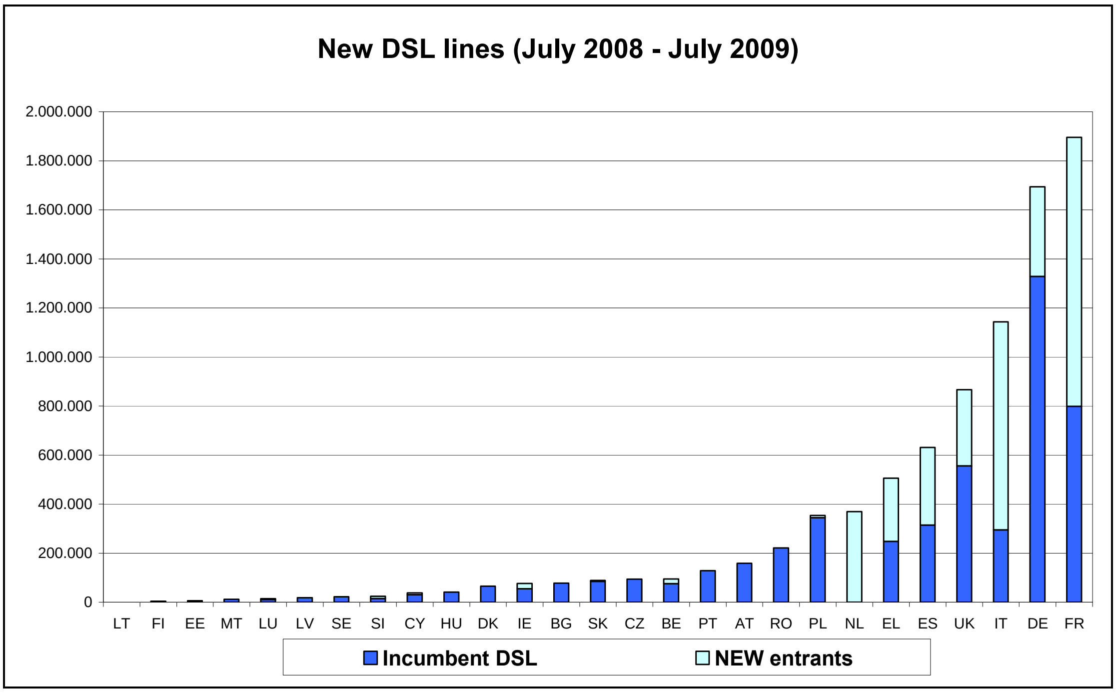


Figure 14: DSL market share by operator

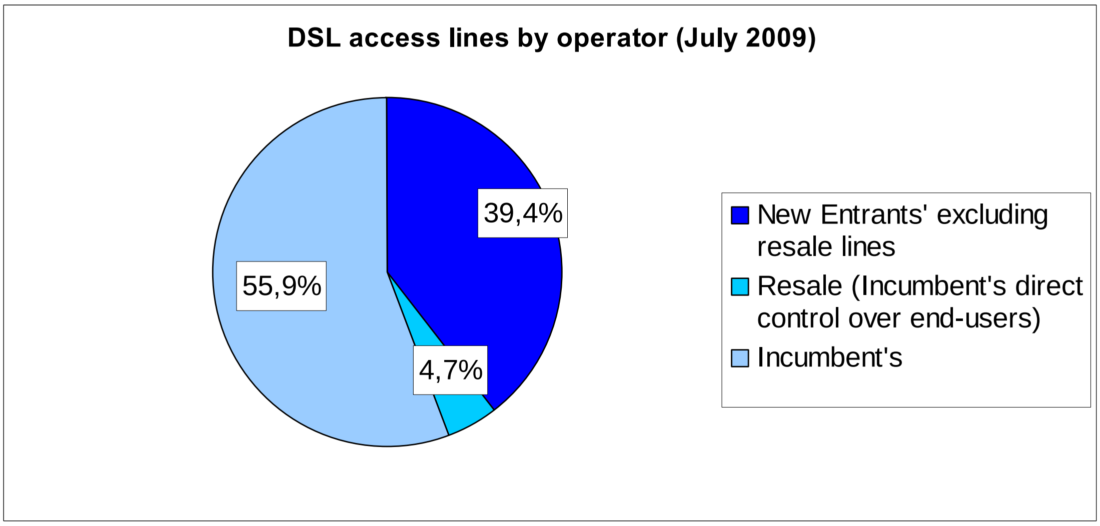
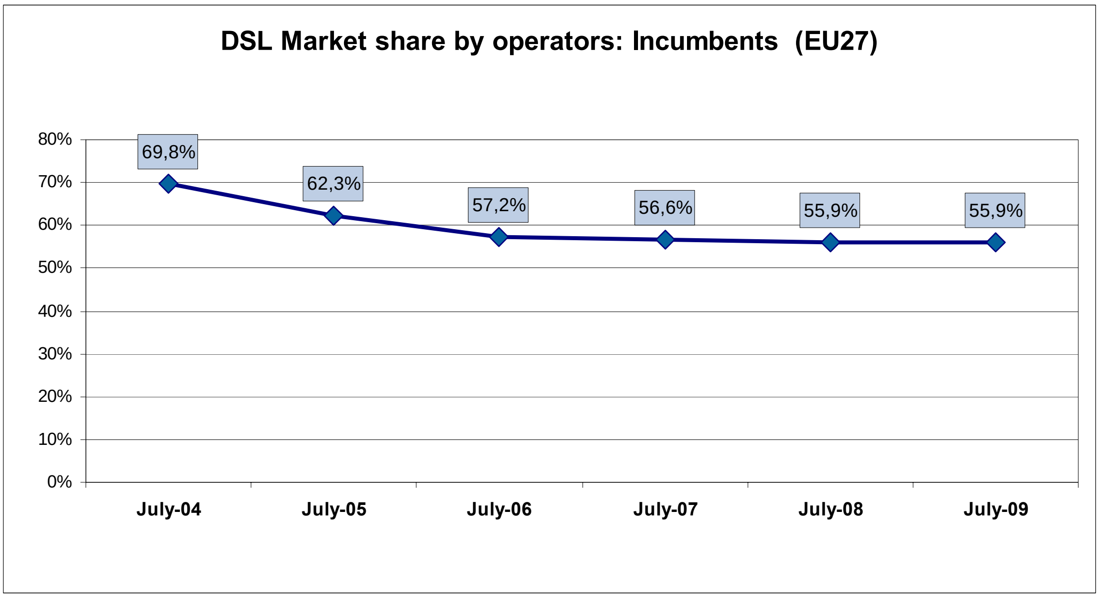


Figure 15: Trend in the % of DSL lines provided by incumbent fixed operators



The incumbents' share of the DSL market stabilises around 56%.

3.3 DSL lines by type of access

Local loop unbundling (fully unbundled lines and shared access) is the main wholesale access for new entrants with 71.4% of DSL lines, up from 65.2% in July 2008. New entrants' use of bitstream access for local loop unbundling in the provision of broadband services went up by 1 percentage point since July 2008. The share of resale, which represents a type of access for low-investment intensive new entrants, has shrunk by 7.6 percentage points during the last year.

Figure 16: New entrants' DSL lines by type of access

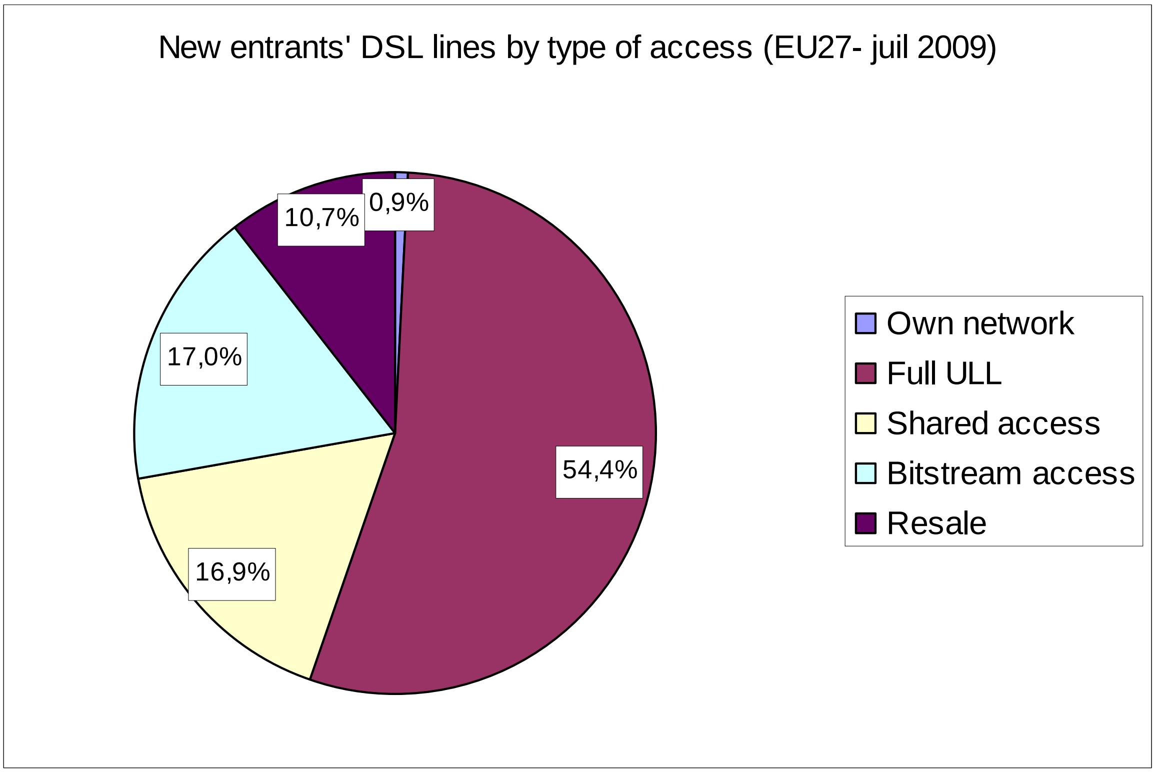


Figure 17: New entrants' DSL lines by type of access over time

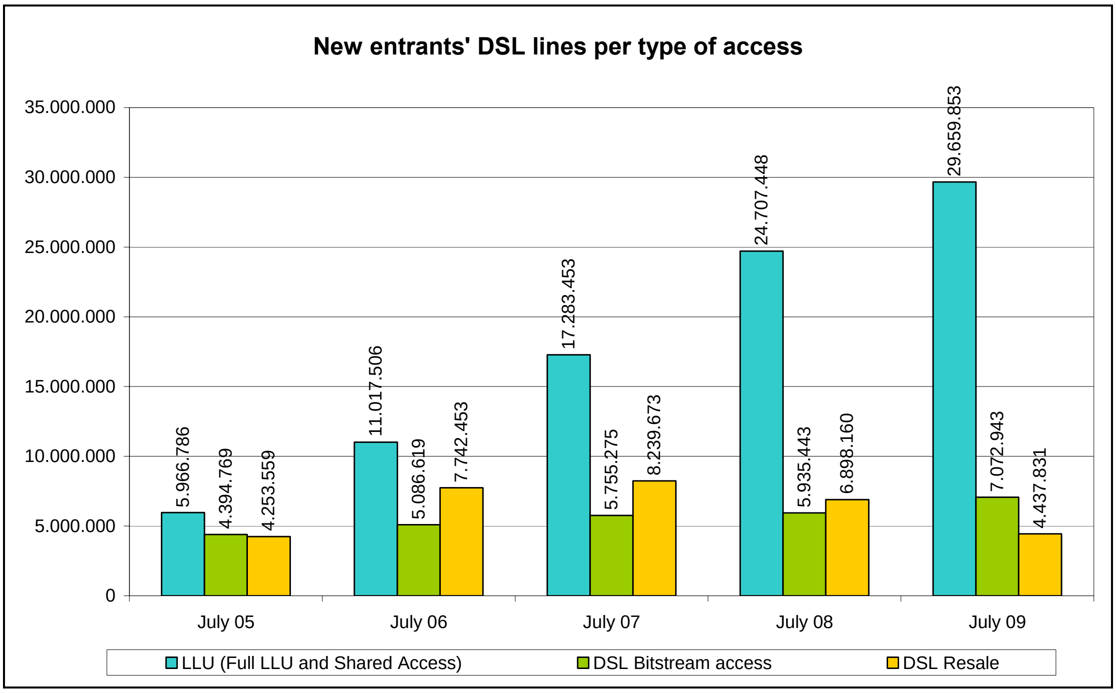


Table 2 DSL retail lines in the EU by country

	July 2006	January 2007	July 2007	January 2008	July 2008	January 2009	July 2009
BE	1,356,007	1,468,021	1,525,335	1,619,122	1,655,707	1,711,073	1,750,552
BG	N/A	95,066	121,353	163,756	206,377	256,095	282,637
CZ	399,478	493,470	562,069	613,220	644,330	697,672	734,735
DK	947,577	1,051,919	1,154,475	1,207,244	1,243,837	1,240,153	1,244,599
DE	12,128,500	14,290,000	16,476,000	18,548,000	20,226,000	20,922,000	21,920,000
EE	109,157	120,110	126,327	135,914	130,935	136,304	136,638
EL	294,026	484,321	757,012	1,012,804	1,240,148	1,500,354	1,745,900
ES	4,561,707	5,262,617	5,871,519	6,393,952	6,922,777	7,282,928	7,553,710
FR	10,697,543	12,156,164	13,417,236	14,977,000	15,867,461	16,853,508	17,763,211
IE	275,172	379,124	472,532	549,591	611,594	660,026	687,870
IT	7,363,356	8,155,511	9,052,033	9,754,680	10,338,972	10,902,992	11,481,988
CY	49,873	67,378	85,365	107,728	122,129	139,690	160,454
LV	83,807	107,473	131,024	152,327	170,272	184,041	187,572
LT	133,880	178,302	206,273	231,508	244,228	254,292	239,018
LU	71,870	89,710	102,632	108,642	113,316	121,649	127,198
HU	485,881	614,894	699,155	751,860	789,613	806,677	817,438
MT	30,523	29,864	34,600	38,300	41,861	45,950	49,463
NL	2,848,829	3,177,200	3,326,900	3,388,000	3,541,300	3,643,000	3,832,800
AT	781,408	873,318	951,031	1,017,796	1,101,239	1,144,952	1,224,598
PL	1,098,859	1,493,794	1,696,528	2,252,450	2,445,698	2,616,796	2,798,782
PT	835,998	926,420	980,540	975,138	1,014,235	1,058,852	1,124,741
RO	N/A	98,053	175,402	364,540	509,670	655,870	730,620
SI	155,288	194,339	222,690	246,906	263,868	285,853	287,551
SK	140,503	182,391	211,339	277,838	302,270	329,886	390,647
FI	1,068,082	1,161,836	1,212,595	1,272,550	1,271,496	1,240,300	1,239,000
SE	1,392,000	1,548,000	1,661,000	1,760,000	1,777,000	1,773,000	1,739,978
UK	8,704,903	10,035,298	11,263,353	12,258,505	13,111,769	13,669,628	13,978,138
EU	56,014,227	64,734,593	72,496,318	80,179,382	85,913,968	90,527,836	94,012,296

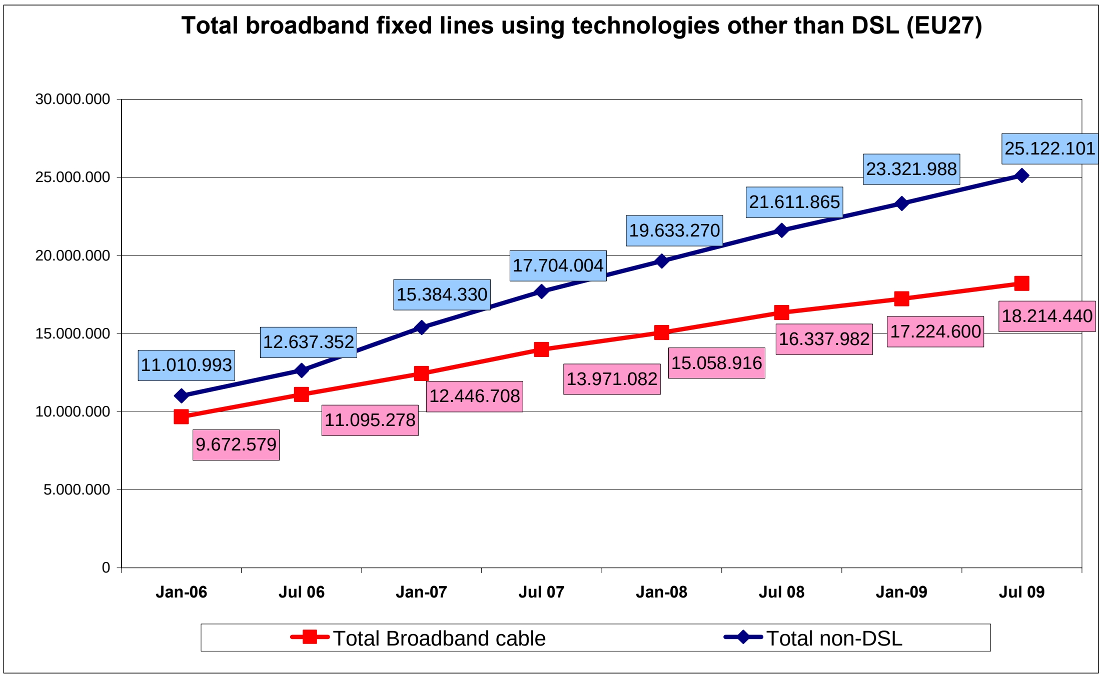
4. Fixed broadband lines using technologies other than DSL

4.1 Non -DSL access lines

There were more than 25 million broadband lines using technologies other than DSL in the EU as of 1 July 2009. 18 million of these are cable modem. 3,510,236 lines were added since the previous year, a 16% increase since July 2008. Net additions in the period between July 2008 and July 2009 were lower than in the period between July 2007 and July 2008, when almost 4 million new lines were recorded.

Alternative operators provided 94.9% of these lines, similar to the share a year ago.

Figure 18: Growth trend since January 2006

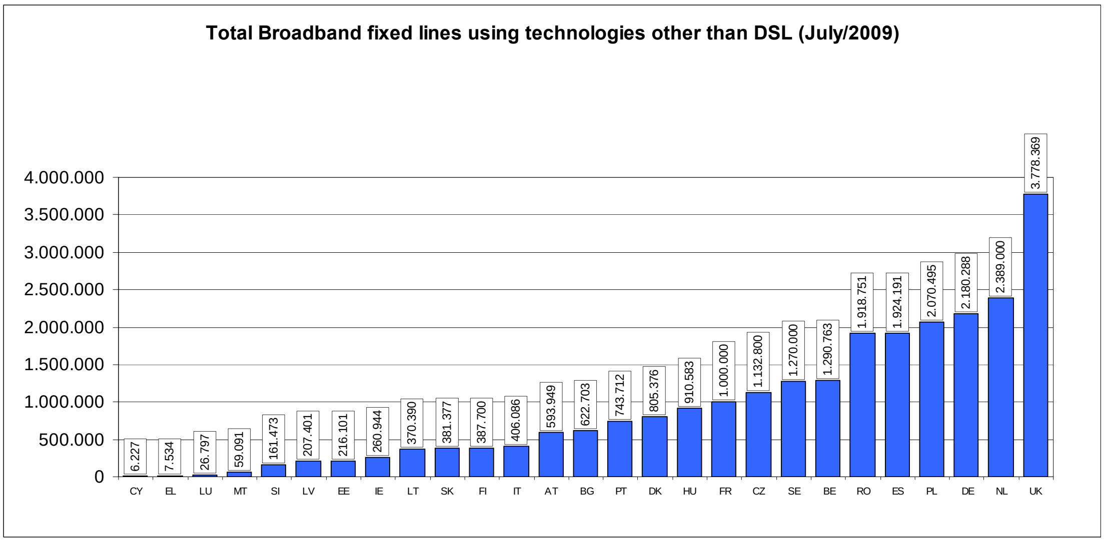


Cable modem remains the most diffuse non-DSL access technology although its share in the broadband market is declining in favor of other access technologies.

9,617 broadband lines using other technologies were added each day in the period between July 2008 and July 2009. This is less than the 10,677 new lines added per day between July 2007 and July 2008.

Germany added some 788,000 lines using technologies other than DSL since July 2008, and Poland over 860,000. France, Sweden and the UK followed, with around 200,000 lines each.

Figure 19: EU countries by number of broadband lines using other technologies



The UK accounts for 15.9% of all broadband lines using other technologies. The Netherlands has the second largest share, with 9.5%, followed by Germany, Poland, Spain and Romania with 8.6%, 8.2%, 7.6% and 7.6% respectively. These five countries account for 50.9% of broadband lines in the EU in this category.

4.2 Non-DSL access lines market share

Figure 20: Broadband lines using other technologies: market share

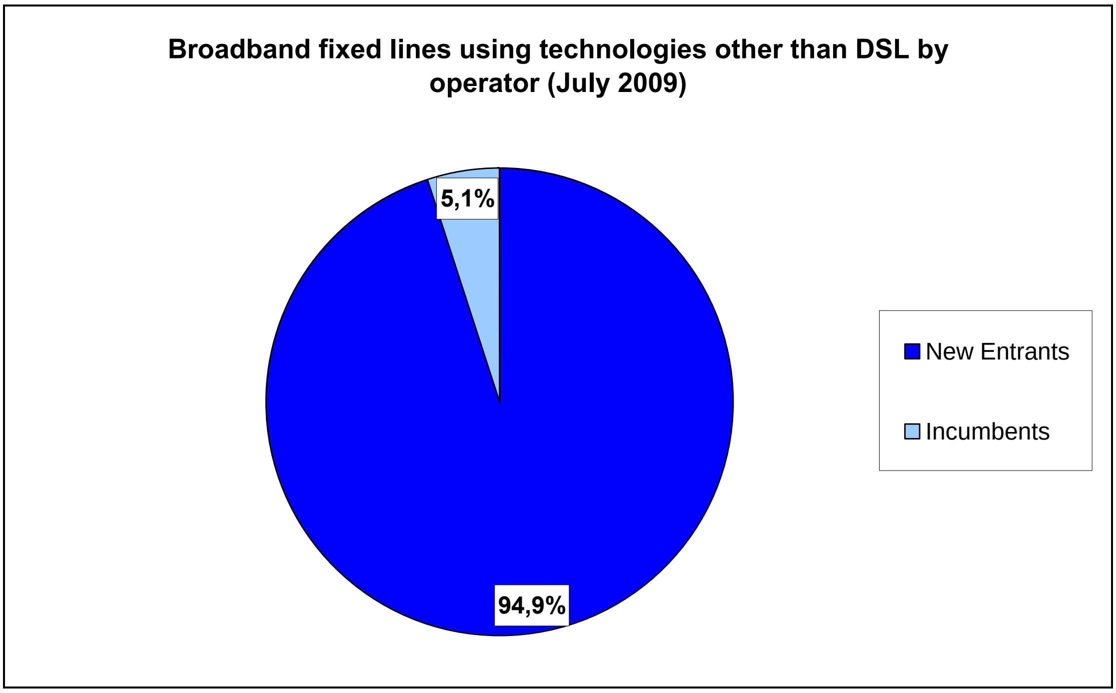


Figure 21: Trend in the % of lines using technologies other than DSL provided by new entrants

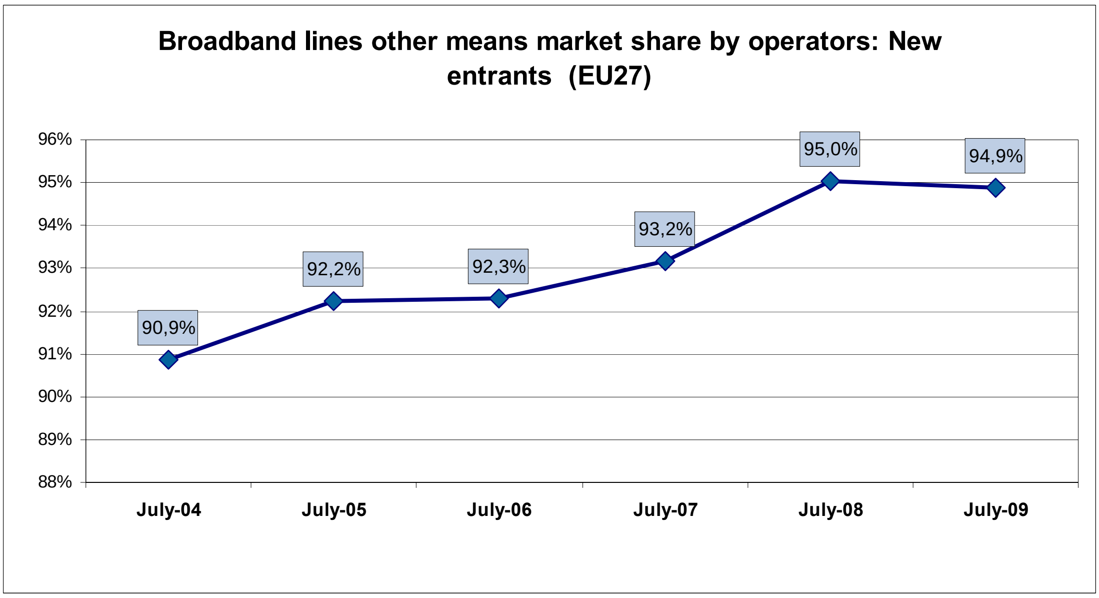


Table 3 Non-DSL broadband lines in the EU by Country

	July 2006	January 2007	July 2007	January 2008	July 2008	January 2009	July 2009
BE	816,239	931,172	984,121	1,095,213	1,157,341	1,227,532	1,290,763
BG	N/A	250,511	317,013	416,470	589,653	596,994	622,703
CZ	461,030	594,050	690,200	884,200	982,000	1,072,512	1,132,800
DK	658,954	678,755	700,801	735,792	775,354	7820,348	805,376
DE	479,900	612,200	925,503	1,031,000	1,392,300	1,696,000	2,180,288
EE	113,830	126,777	142,259	162,377	186,034	193,132	216,101
EL	3,064	3,568	3,846	4,671	5,826	6,260	7,534
ES	1,223,155	1,390,048	1,608,823	1,761,069	1,870,740	1,874,537	1,924,191
FR	600,000	660,000	700,000	710,000	750,000	834,500	1,000,000
IE	97,000	138,200	180,300	203,265	229,996	230,345	260,944
IT	327,147	341,911	350,147	367,446	388,679	401,530	406,086
CY	693	636	895	1,077	2,134	3,612	6,227
LV	71,931	134,077	132,578	190,749	200,500	211,855	207,401
LT	152,179	181,262	225,176	276,211	301,854	334,055	370,390
LU	8,235	9,055	10,295	12,331	16,797	17,852	26,797
HU	274,390	380,890	472,912	676,866	793,491	833,767	910,583
MT	21,420	20,629	21,800	30,650	41,906	52,159	59,091
NL	1,893,000	2,015,000	2,141,000	2,199,600	2,310,000	2,292,000	2,389,000
AT	528,688	567,232	598,028	637,723	635,701	641,100	593,949
PL	405,415	500,666	909,430	947,213	1,213,591	1,861,669	2,070,495
PT	523,746	544,390	585,329	621,506	658,077	695,801	743,712
RO	N/A	989,371	1,335,766	1,584,578	1,757,071	1,851,755	1,918,751
SI	73,674	85,321	85,295	100,586	119,653	140,217	161,473
SK	74,800	97,244	161,054	198,828	214,665	260,011	381,377
FI	240,377	264,515	305,833	346,479	346,602	385,445	387,700
SE	677,685	799,850	914,700	1,066,000	1,073,500	1,101,000	1,270,000
UK	2,910,800	3,067,000	3,200,900	3,371,500	3,598,400	3,724,000	3,778,369
EU	12,637,352	15,384,330	17,704,004	19,633,270	21,611,865	23,321,988	25,122,101

5. Retail mobile broadband lines

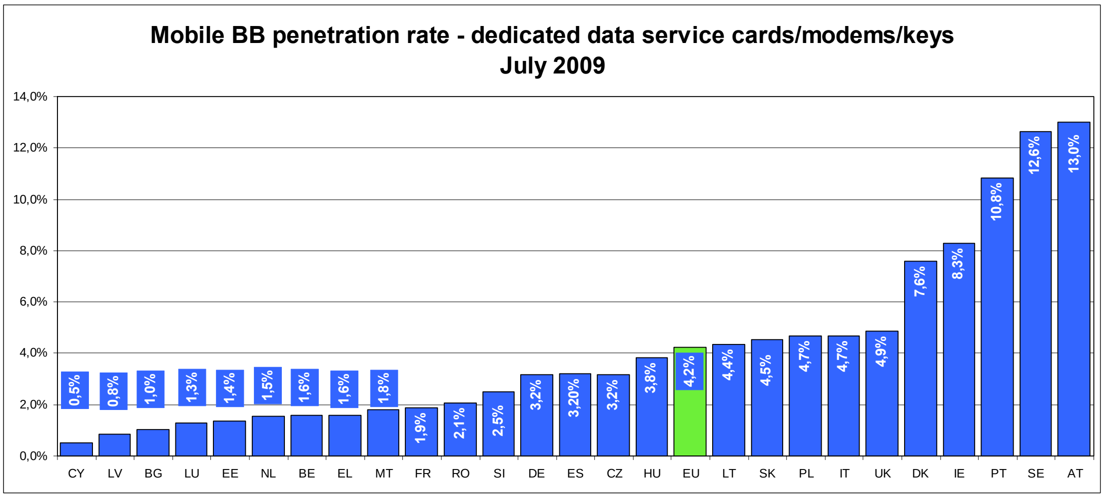
Table 4 shows how mobile broadband active users in the EU were distributed between the Member States on 1 July 2009. All available mobile terminals are shown for comparison. Mobile broadband dedicated data services cards/modems/keys are shown separately.

While some Member States failed to provide any mobile broadband data, others have provided them only partially. In addition, it appears that data provided are not of the same quality across all countries.

Table 4 Retail mobile broadband lines in the EU by country

July 2009	All available terminals, SIM cards & mobile BB dedicated data services	Mobile active users - (access to dedicated data services via modems/cards and other active 3G equivalent advanced data users using mobile terminals)	Mobile BB dedicated data services cards/modems/keys only
BE	787.887	457.817	170.605
BG	3.031.893	530.994	79.048
CZ	Not available	Not available	330.539
DK	1.519.949	1.294.809	418.725
DE	20.000.000	12.000.000	2.600.000
EE	Not available	200.000	18.157
EL	4.701.297	1.217.413	180.372
ES	17.284.046	12.962.551	1.465.865
FR	13.023.000	Not available	1.201.000
IE	Not available	Not available	370.424
IT	30.559.000	8.728.000	2.819.000
CY	12.000	12.000	4.000
LV	1.842.947	271.396	18.932
LT	463.895	229.682	146.022
LU	401.056	91.499	6.340
HU	Not available	436.691	385.277
MT	80.835	45.461	7.508
NL	Not available	Not available	252.000
AT	3.872680	2.335.094	1.087.977
PL	41.920.417	13.022.651	1.778.244
PT	5.233.406	1.793.494	1.150.984
RO	2.672.000	1.568.000	442.000
SI	2.116.840	531.569	50.637
SK	1.984.785	964.566	244.389
FI	2.493.300	664.300	Not available
SE	Not available	4.510.000	1.170.000
UK	19.353.000	Not available	3.000.000
EU	173.354.233	63.867.987	19.398.045

Figure 22: EU countries by number of mobile broadband users (dedicated data services cards/modems/keys) per 100 population[2]



[2] Mobile broadband active users (i.e. users using broadband dedicated data services via data modems/cards/keys in last 90 days) per 100 population.

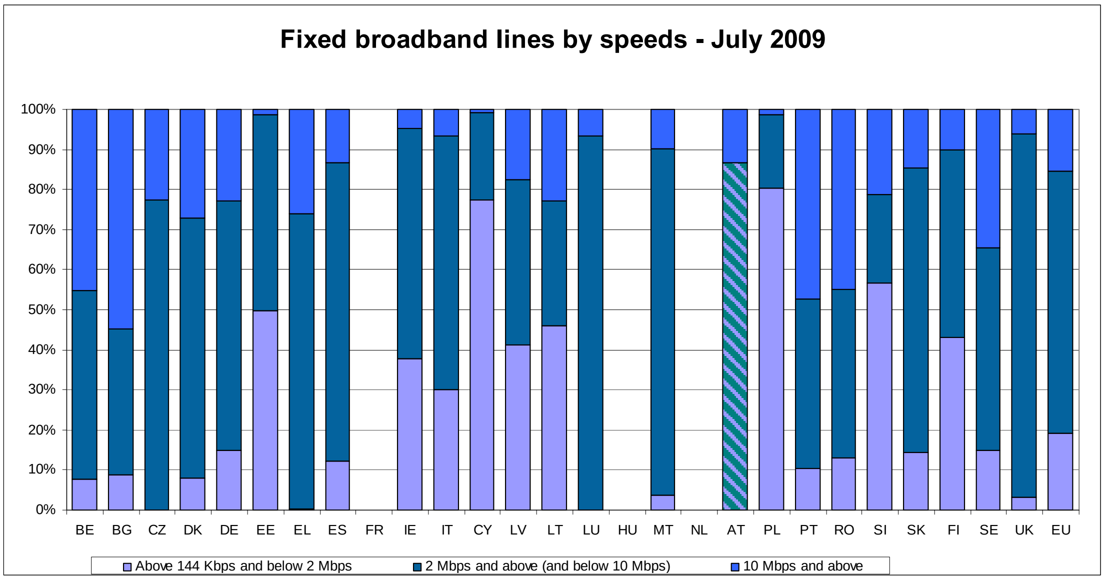
6. Retail fixed broadband lines by speeds

Table 5 shows how the fixed broadband lines have been distributed by speeds as of 1 July 2009. Data are partly missing for some Member States, while other countries failed to provide the whole set (France, Hungary, the Netherlands and Austria. Romania provided estimations). The table provides the split across speeds for about 90% of retail lines in July 2009.

Table 5 Fixed broadband lines by speeds in the EU by country

	≥ 144 Kbps and < 2 Mbps	≥ 2 Mbps and <10 Mbps	≥ 10 Mbps	Total
BE	223.007	1.383.585	1.319.413	2.926.005
BG	78.376	330.764	496.200	905.340
CZ	0	1.286.439	376.596	1.663.035
DK	159.693	1.309.016	548.369	2.017.078
DE	3.596.417	14.974.423	5.528.068	24.098.908
EE	164.529	162.347	4.042	330.918
EL	6.273	1.984.408	700.209	2.723.587
ES	1.798.232	10.963.234	1.962.573	14.724.039
FR	Not available	Not available	Not available	Not available
IE	536.701	819.453	69.391	1.425.545
IT	5.629.244	11.852.477	1.265.519	18.747.240
CY	128.389	36.294	1.411	166.094
LV	134.118	204.070	56.785	394.973
LT	280.314	190.380	138.714	609.408
LU	24	143.619	10.232	153.875
HU	Not available	Not available	Not available	Not available
MT	3.970	93.937	10.647	108.554
NL	Not available	Not available	Not available	Not available
AT	Not available	Not available	Not available	Not available
PL	3.926.094	907.084	59.316	4.892.494
PT	273.986	1.124.753	1.251.668	2.650.407
RO	Not available	Not available	Not available	Not available
SI	254.459	98.851	95.714	449.024
SK	163.500	806.868	165.725	1.136.093
FI	680.396	736.800	159.800	1.576.996
SE	449.000	1.518.000	1.035.010	3.002.010
UK	702.945	20.226.218	1.357.415	22.286.578
Total	20.709.915	71.153.019	16.843.366	108.706.300

Figure 23: Distribution of fixed broadband lines by speeds by country



No data for FR, HU and NL. Romania provided estimations.

Table 6 EU countries by speeds – retail fixed broadband lines

	≥ 144 Kbps and < 2 Mbps	≥ 2 Mbps and <10 Mbps	≥ 10 Mbps
BE	7,6%	47,3%	45,1%
BG	8,7%	36,5%	54,8%
CZ	0,0%	77,4%	22,6%
DK	7,9%	64,9%	27,2%
DE	14,9%	62,1%	22,9%
EE	49,7%	49,1%	1,2%
EL	0,2%	72,9%	25,7%
ES	12,2%	74,5%	13,3%
FR	Not available	Not available	Not available
IE	37,6%	57,5%	4,9%
IT	30,0%	63,2%	6,8%
CY	77,3%	21,9%	0,8%
LV	34,0%	34,0%	14,4%
LT	46,0%	31,2%	22,8%
LU	0,0%	93,3%	6,6%
HU	Not available	Not available	Not available
MT	3,7%	86,5%	9,8%
NL	Not available	Not available	Not available
AT	86,8%		13,2%
PL	80,2%	18,5%	1,2%
PT	10,3%	42,4%	47,2%
RO	13,0%	42,0%	45,0%
SI	56,7%	22,0%	21,3%
SK	14,4%	71,0%	14,6%
FI	43,1%	46,7%	10,1%
SE	15,0%	50,6%	34,5%
UK	3,2%	90,8%	6,1%
EU	19,1%	65,5%	15,5%

ANNEX 1: Data on local broadband access (retail)

This annex provides additional information, by Member State, on incumbents' and new entrants' retail DSL offerings and incumbents' and new entrants' retail offerings by means other than DSL (cable, WLL, fibre to the home, leased lines, satellite, powerline communications and others). In the following table, only reported figures are included: figures in red are from January 2009 and cells in grey indicate no answer.

BROADBAND RETAIL LINES, 1 July 2009

JULY 08		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								New entrants' access lines by other means								Broadband penetration
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Tot.	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Tot.	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Tot.	
BE	1368419	0	47905	14305	205768	114155	382.133			4772					4772	20234	1263199	1423	1131			4	1285991	28.3%
DK	908.687	0	166.437	59.380	76.793	33.302	335.912	807	344.173	11.595	4.234	n.a.	n.a.	33.738	394547	22.377	196.402	4.620	99.077		n.a.	88.353	410829	37.2%
DE	11229000	13000	8200000	101000	853300	1523700	10.691.000	0	0	30900	n.a.	10600	0	0	41500	1180	2000000	35000	16484	25600	10000	50524	2138788	29.4%
EL	970.153	n.a.	654.993	55.133	65.621	n.a.	775.747	15			54	664		222	955	1.056		3.605	1.918				6579	15.6%
ES	5236275	0	1406755	546339	316948	47393	2.317.435	n.a.	n.a.	n.a.	24315	11055	n.a.	n.a.	35370	57572	1821993	4958	2411	1383		504	1888821	20.7%
FR	8.638.952		5.663.874	1.322.385	2.138.000	0	9.124.259				*Confidential*				*Confidential*		950.000		Confidential				*Confidential*	29.2%
IE	476731		17124	6506	187509		211.139	287		6073		113			6473	112659	124309	8130	6538	2835			254471	21.2%
IT	6.859.166	1.289	2.854.747	179.966	1.584.000	2.820	4.622.822	0	0	250	633	5.519	0	413	6815	1.897	0	4.507	320412	70.005	5	2.445	399271	19.8%
LU	102047	21	11515	0		13615	25.151	0	757	403	281	0	0	0	1441	140	25146	10	60	0	0	0	25356	31.2%
NL	2823800	0	537000	170000	247000	55000	1009000	0	0	0	139000	0	0	0	139000	0	2250000	0	0	0	0	0	2250000	37.9%
AT	895.384		256.400	107	62.615		329.214				394				394	34.775	549.773		3246	0	4.961	800	593555	21.8%
PT	781.952		296.872	0	45.832	85	342.789	0	0	683	484	23	0	0	1190	23.165	712.372	1.286	5.699	0	0	0	742522	17.6%
FI	837600		331500	12000	57900		401.400	23000	105800				0	115700	244500	8000	109400				1200	24600	143200	30.5%
SE	1055000	0	202917	389061		93000	684.978	0	0	0	80000	0	0	8000	88000	4000	586000	0	589000	2000	0	1000	1182000	32.5%
UK	4.834.771	95.064	1807869	4149549	536.622	2.554.263	9.143.367								0	30.000	3.742.369			6.000			3778369	28.8%
CY	133247		26571	281	355		26.926			157		21			178		5171			291		587	6049	21%
CZ	633.681	550	43.640	8.800	48.064		101.054	0							0	653000	409.800		70000				1132800	17.8%
EE	129221	1710	5589		98	20	7.417	6305			35802			575	42682	30237	73115	21821	31617			16629	173419	26.3%
HU	609429	0	14030	6771	187208		208.009	764	107913		805		0		109482	87000	711601		2500	0	0		801101	17.2%
LV	186891		163	8	39	471	681	49	0	0	966	0	0	493	1508	16876	28796	6368	6547	463	20	146823	205893	17.5%
LT	237095		10		1913		1.923	22754		67	41960				64781	43385	61908	1273	167862			31181	305609	18.2%
MT	45685				3778		3.778								0	3496	55.557		38				57749	26.2%
PL	2.110.712	274.256	7.568	377	405.869	0	688.070		0	0	57	0	0	1.560	1617	1.452	1.248.984	41	15.382	0	0	803019	2068678	12,8%
SK	364.069		0		26.578		26.578			600	9.470			41.225	51295	100.500	72.500	2.000	155.000	82			330082	14.3%
SI	193.006	0	52.641	20.954	20.950	0	94.545	42	0	0	20.170	0	0	0	20212	1.248	98.922	249	40.837	5	0	0	141261	22.1%
BG	282.448	0	0	0	182	7	189	0	0	851	0	0	0	22	873	6.862	107.480	134	20.514	40	0	486800	621830	11.8%
RO	729000	900	720				1.620				1100				1100	24800	451000	11	92300	536		1349000	1917196	12.3%
EU27	52,808,237	386,790	22,543,470		6,824,327	4,382,831	41.204.059		558643	56351		27995	0	209726	1256360	1288236	17612682			109205	16125	2576591	23449752	23.9%

1.1.1. *Total broadband access retail fixed lines in EU*

Variation July 2008 –July 2009	
%	11.0%
New lines	11,886,227
Lines/day	32401
Variation July 2007 – July 2008	
%	19.2%
New lines	17,3258,378
Lines/day	47337
Variation July 2006 – July 2007	
%	30.1%
New lines	20,861, 145
Lines/day	57154

	Jan-07	Jul-07	Jan-08	Jul-08	Jan-09	Jul-09		New lines (yearly) July 07 - July 08	Variation July 07 - July 08	Lines/day July 07 - July 08	New lines (yearly) July 08 - July 09	Variation July 08 - July 09	Lines/day July 08 - July 09
BE	2.399.193	2.509.456	2.714.335	2.813.048	2.938.605	3.041.315	BE	303.592	12,1%	829	228.267	8,1%	625
BG	345.577	438.366	580.226	796.030	853.089	905.340	BG	357.664	81,6%	977	109.310	13,7%	299
CZ	1.087.520	1.252.269	1.497.420	1.626.330	1.770.184	1.867.535	CZ	374.061	29,9%	1.022	241.205	14,8%	661
DK	1.730.674	1.855.276	1.943.036	2.024.936	2.026.185	2.049.975	DK	169.660	9,1%	464	25.039	1,2%	69
DE	14.902.200	17.401.503	19.579.000	21.618.300	22.618.000	24.100.288	DE	4.216.797	24,2%	11.521	2.481.988	11,5%	6.800
EE	246.887	268.586	298.291	316.969	329.436	352.739	EE	48.383	18,0%	132	35.770	11,3%	98
EL	487.889	760.858	1.017.475	1.245.974	1.506.614	1.753.434	EL	485.116	63,8%	1.325	507.460	40,7%	1.390
ES	6.652.665	7.480.342	8.155.021	8.793.517	9.157.465	9.477.901	ES	1.313.175	17,6%	3.588	684.384	7,8%	1.875
FR	12.816.164	14.117.236	15.687.000	16.617.461	17.688.008	18.763.211	FR	2.500.225	17,7%	6.831	2.145.750	12,9%	5.879
IE	517.324	652.832	752.856	841.590	890.371	948.814	IE	188.758	28,9%	516	107.224	12,7%	294
IT	8.497.422	9.402.180	10.122.126	10.727.651	11.304.522	11.888.074	IT	1.325.471	14,1%	3.622	1.160.423	10,8%	3.179
CY	68.014	86.260	108.805	124.263	143.302	166.681	CY	38.003	44,1%	104	42.418	34,1%	116
LV	241.550	263.602	343.076	370.772	395.896	394.973	LV	107.170	40,7%	293	24.201	6,5%	66
LT	359.564	431.449	507.719	546.082	588.347	609.408	LT	114.633	26,6%	313	63.326	11,6%	173
LU	98.765	112.927	120.973	130.113	139.501	153.995	LU	17.186	15,2%	47	23.882	18,4%	65
HU	995.784	1.172.067	1.428.726	1.583.104	1.640.444	1.728.021	HU	411.037	35,1%	1.123	144.917	9,2%	397
MT	50.493	56.400	68.950	83.767	98.109	108.554	MT	27.367	48,5%	75	24.787	29,6%	68
NL	5.192.200	5.467.900	5.587.600	5.851.300	5.935.000	6.221.800	NL	383.400	7,0%	1.048	370.500	6,3%	1.015
AT	1.440.550	1.549.059	1.655.519	1.736.940	1.786.052	1.818.547	AT	187.881	12,1%	513	81.607	4,7%	224
PL	1.994.460	2.605.958	3.199.663	3.659.289	4.478.465	4.869.277	PL	1.053.331	40,4%	2.878	1.209.988	33,1%	3.315
PT	1.470.810	1.565.869	1.596.644	1.672.312	1.754.653	1.868.453	PT	106.443	6,8%	291	196.141	11,7%	537
RO	1.086.476	1.511.180	1.949.118	2.266.741	2.507.625	2.649.371	RO	755.561	50,0%	2.064	382.630	16,9%	1.048
SI	279.660	307.985	347.492	383.521	426.070	449.024	SI	75.536	24,5%	206	65.503	17,1%	179
SK	279.635	372.393	476.666	516.935	589.897	772.024	SK	144.542	38,8%	395	255.089	49,3%	699
FI	1.426.351	1.518.428	1.619.029	1.618.098	1.625.745	1.626.700	FI	99.670	6,6%	272	8.602	0,5%	24
SE	2.347.850	2.575.700	2.826.000	2.850.500	2.861.000	3.009.978	SE	274.800	10,7%	751	159.478	5,6%	437
UK	13.102.298	14.464.253	15.630.005	16.710.169	17.393.628	17.756.507	UK	2.245.916	15,5%	6.136	1.046.338	6,3%	2.867

1.1.2. *Total DSL retail lines in EU*

Variation July 2008 - July 2009	
%	9.7%
New lines	8,315,991
Lines/day	22784
Variation July 2007 - July 2008	
%	18.5%
New lines	13,417,481
Lines/day	36660
Variation July 2006 - July 2007	
%	29.43%
New lines	16,435,699
Lines/day	45029

	Jan-07	Jul-07	Jan-08	Jul-08	Jan-09	Jul-09		New lines (yearly) July 07 - July 08	Variation July 07 - July 08	Lines/day July 07 - July 08	New lines (yearly) July 08 - July 09	Variation July 08 - July 09	Lines/day July 08 - July 09
BE	1.468.021	1.525.335	1.619.122	1.655.707	1.711.073	1.750.552	BE	130.372	8,5%	356	94.845	5,7%	260
BG	95.066	121.353	163.756	206.377	256.095	282.637	BG	85.024	70,1%	232	76.260	37,0%	209
CZ	493.470	562.069	613.220	644.330	697.672	734.735	CZ	82.261	14,6%	225	90.405	14,0%	248
DK	1.051.919	1.154.475	1.207.244	1.249.582	1.243.837	1.244.599	DK	95.107	8,2%	260	-4.983	-0,4%	-14
DE	14.290.000	16.476.000	18.548.000	20.226.000	20.922.000	21.920.000	DE	3.750.000	22,8%	10.246	1.694.000	8,4%	4.641
EE	120.110	126.327	135.914	130.935	136.304	136.638	EE	4.608	3,6%	13	5.703	4,4%	16
EL	484.321	757.012	1.012.804	1.240.148	1.500.354	1.745.900	EL	483.136	63,8%	1.320	505.752	40,8%	1.386
ES	5.262.617	5.871.519	6.393.952	6.922.777	7.282.928	7.553.710	ES	1.051.258	17,9%	2.872	630.933	9,1%	1.729
FR	12.156.164	13.417.236	14.977.000	15.867.461	16.853.508	17.763.211	FR	2.450.225	18,3%	6.695	1.895.750	11,9%	5.194
IE	379.124	472.532	549.591	611.594	660.026	687.870	IE	139.062	29,4%	380	76.276	12,5%	209
IT	8.155.511	9.052.033	9.754.680	10.338.972	10.902.992	11.481.988	IT	1.286.939	14,2%	3.516	1.143.016	11,1%	3.132
CY	67.378	85.365	107.728	122.129	139.690	160.454	CY	36.764	43,1%	100	38.325	31,4%	105
LV	107.473	131.024	152.327	170.272	184.041	187.572	LV	39.248	30,0%	107	17.300	10,2%	47
LT	178.302	206.273	231.508	244.228	254.292	239.018	LT	37.955	18,4%	104	-5.210	-2,1%	-14
LU	89.710	102.632	108.642	113.316	121.649	127.198	LU	10.684	10,4%	29	13.882	12,3%	38
HU	614.894	699.155	751.860	789.613	806.677	817.438	HU	90.458	12,9%	247	27.825	3,5%	76
MT	29.864	34.600	38.300	41.861	45.950	49.463	MT	7.261	21,0%	20	7.602	18,2%	21
NL	3.177.200	3.326.900	3.388.000	3.541.300	3.643.000	3.832.800	NL	214.400	6,4%	586	291.500	8,2%	799
AT	873.318	951.031	1.017.796	1.101.239	1.144.952	1.224.598	AT	150.208	15,8%	410	123.359	11,2%	338
PL	1.493.794	1.696.528	2.252.450	2.445.698	2.616.796	2.798.782	PL	749.170	44,2%	2.047	353.084	14,4%	967
PT	926.420	980.540	975.138	1.014.235	1.058.852	1.124.741	PT	33.695	3,4%	92	110.506	10,9%	303
RO	98.530	175.450	364.540	509.670	655.870	730.620	RO	334.220	190,5%	913	220.950	43,4%	605
SI	194.339	222.690	246.906	263.868	285.853	287.551	SI	41.178	18,5%	113	23.683	9,0%	65
SK	182.391	211.339	277.838	302.270	329.886	390.647	SK	90.931	43,0%	248	88.377	29,2%	242
FI	1.161.836	1.212.595	1.272.550	1.271.496	1.240.300	1.239.000	FI	58.901	4,9%	161	-32.496	-2,6%	-89
SE	1.548.000	1.661.000	1.760.000	1.777.000	1.760.000	1.739.978	SE	116.000	7,0%	317	-37.022	-2,1%	-101
UK	10.035.298	11.263.353	12.258.505	13.111.769	13.669.628	13.978.138	UK	1.848.416	16,4%	5.050	866.369	6,6%	2.374

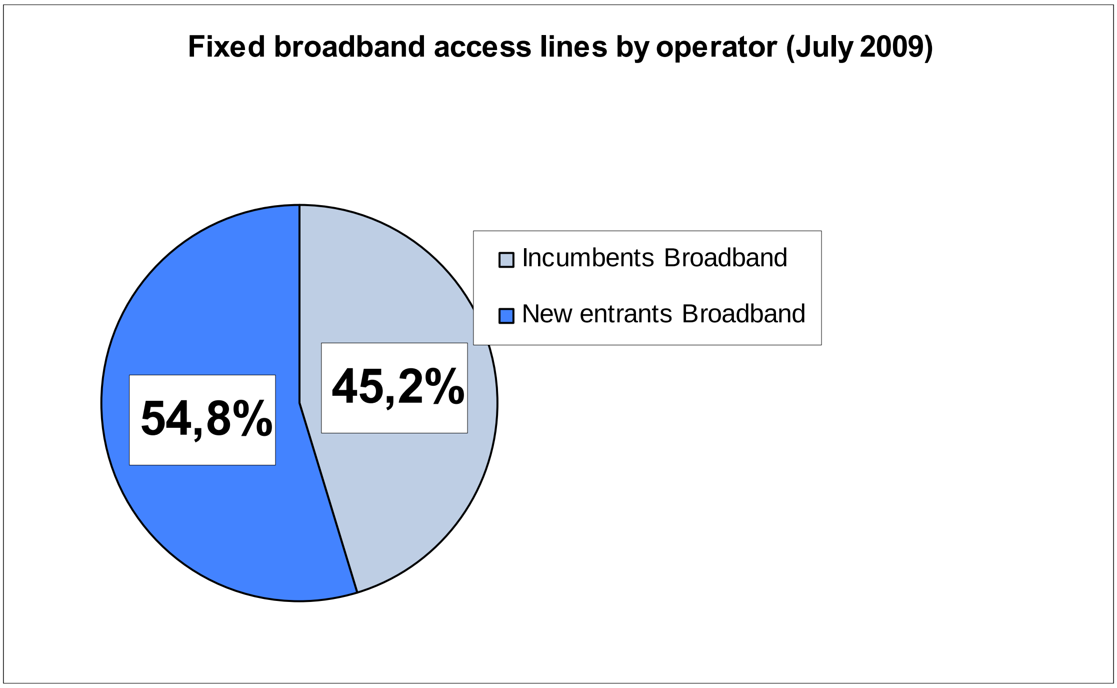
1.1.3. *Total broadband fixed retail lines using technologies other than DSL in EU*

Variation July 2008 - July 2009	
%	16.2%
New lines	3,510,236
Lines/day	9617
Variation July 2007 - July 2008	
%	22.1%
New lines	3,907,897
Lines/day	10677
Variation July 2006 - July 2007	
%	33.3%
New lines	4,425,446
Lines/day	12125

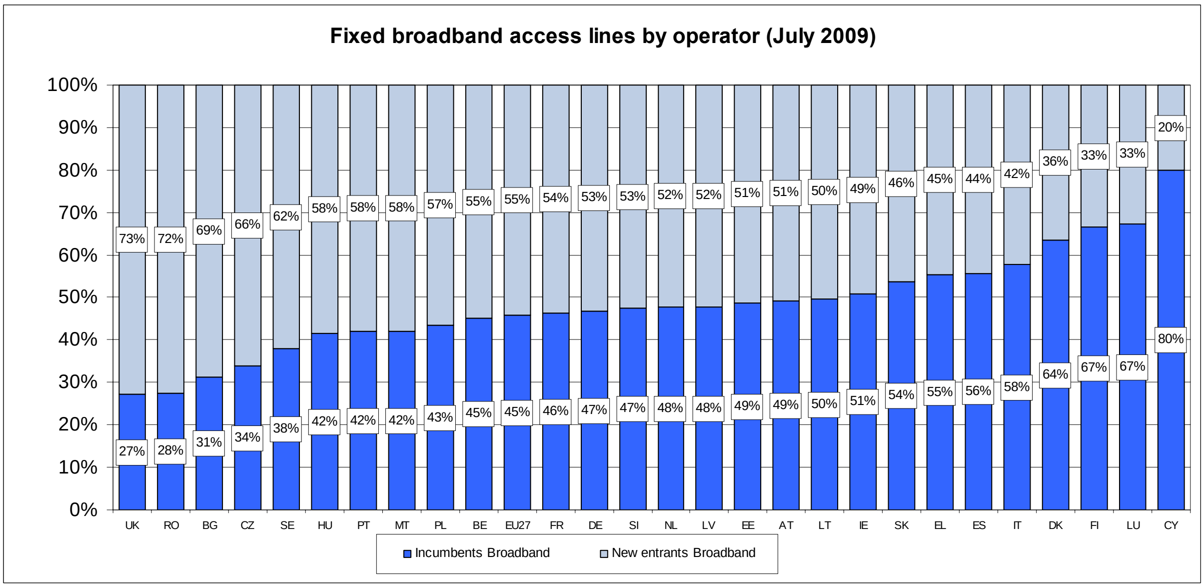
	Jan-07	Jul-07	Jan-08	Jul-08	Jan-09	Jul-09	
BE	931.172	984.121	1.095.213	1.157.341	1.227.532	1.290.763	BE
BG	250.511	317.013	416.470	589.653	596.994	622.703	BG
CZ	594.050	690.200	884.200	982.000	1.072.512	1.132.800	CZ
DK	678.755	700.801	735.792	775.354	782.348	805.376	DK
DE	612.200	925.503	1.031.000	1.392.300	1.696.000	2.180.288	DE
EE	126.777	142.259	162.377	186.034	193.132	216.101	EE
EL	3.568	3.846	4.671	5.826	6.260	7.534	EL
ES	1.390.048	1.608.823	1.761.069	1.870.740	1.874.537	1.924.191	ES
FR	660.000	700.000	710.000	750.000	834.500	1.000.000	FR
IE	138.200	180.300	203.265	229.996	230.345	260.944	IE
IT	341.911	350.147	367.446	388.679	401.530	406.086	IT
CY	636	895	1.077	2.134	3.612	6.227	CY
LV	134.077	132.578	190.749	200.500	211.855	207.401	LV
LT	181.262	225.176	276.211	301.854	334.055	370.390	LT
LU	9.055	10.295	12.331	16.797	17.852	26.797	LU
HU	380.890	472.912	676.866	793.491	833.767	910.583	HU
MT	20.629	21.800	30.650	41.906	52.159	59.091	MT
NL	2.015.000	2.141.000	2.199.600	2.310.000	2.292.000	2.389.000	NL
AT	567.232	598.028	637.723	635.701	641.100	593.949	AT
PL	500.666	909.430	947.213	1.213.591	1.861.669	2.070.495	PL
PT	544.390	585.329	621.506	658.077	695.801	743.712	PT
RO	987.946	1.335.730	1.584.578	1.757.071	1.851.755	1.918.751	RO
SI	85.321	85.295	100.586	119.653	140.217	161.473	SI
SK	97.244	161.054	198.828	214.665	260.011	381.377	SK
FI	264.515	305.833	346.479	346.602	385.445	387.700	FI
SE	799.850	914.700	1.066.000	1.073.500	1.101.000	1.270.000	SE
UK	3.067.000	3.200.900	3.371.500	3.598.400	3.724.000	3.778.369	UK

	New lines (yearly)	Variation	Lines/day	New lines (yearly)	Variation	Lines/day
	July 07 - July 08			July 08 - July 09		
BE	173.220	17,6%	473	133.422	11,5%	366
BG	272.640	86,0%	745	33.050	5,6%	91
CZ	291.800	42,3%	797	150.800	15,4%	413
DK	74.553	10,6%	204	30.022	3,9%	82
DE	466.797	50,4%	1.275	787.988	56,6%	2.159
EE	43.775	30,8%	120	30.067	16,2%	82
EL	1.980	51,5%	5	1.708	29,3%	5
ES	261.917	16,3%	716	53.451	2,9%	146
FR	50.000	7,1%	137	250.000	33,3%	685
IE	49.696	27,6%	136	30.948	13,5%	85
IT	38.532	11,0%	105	17.407	4,5%	48
CY	1.239	138,4%	3	4.093	191,8%	11
LV	67.922	51,2%	186	6.901	3,4%	19
LT	76.678	34,1%	210	68.536	22,7%	188
LU	6.502	63,2%	18	10.000	59,5%	27
HU	320.579	67,8%	876	117.092	14,8%	321
MT	20.106	92,2%	55	17.185	41,0%	47
NL	169.000	7,9%	462	79.000	3,4%	216
AT	37.673	6,3%	103	-41.752	-6,6%	-114
PL	304.161	33,4%	831	856.904	70,6%	2.348
PT	72.748	12,4%	199	85.635	13,0%	235
RO	421.341	31,5%	1.151	161.680	9,2%	443
SI	34.358	40,3%	94	41.820	35,0%	115
SK	53.611	33,3%	146	166.712	77,7%	457
FI	40.769	13,3%	111	41.098	11,9%	113
SE	158.800	17,4%	434	196.500	18,3%	538
UK	397.500	12,4%	1.086	179.969	5,0%	493

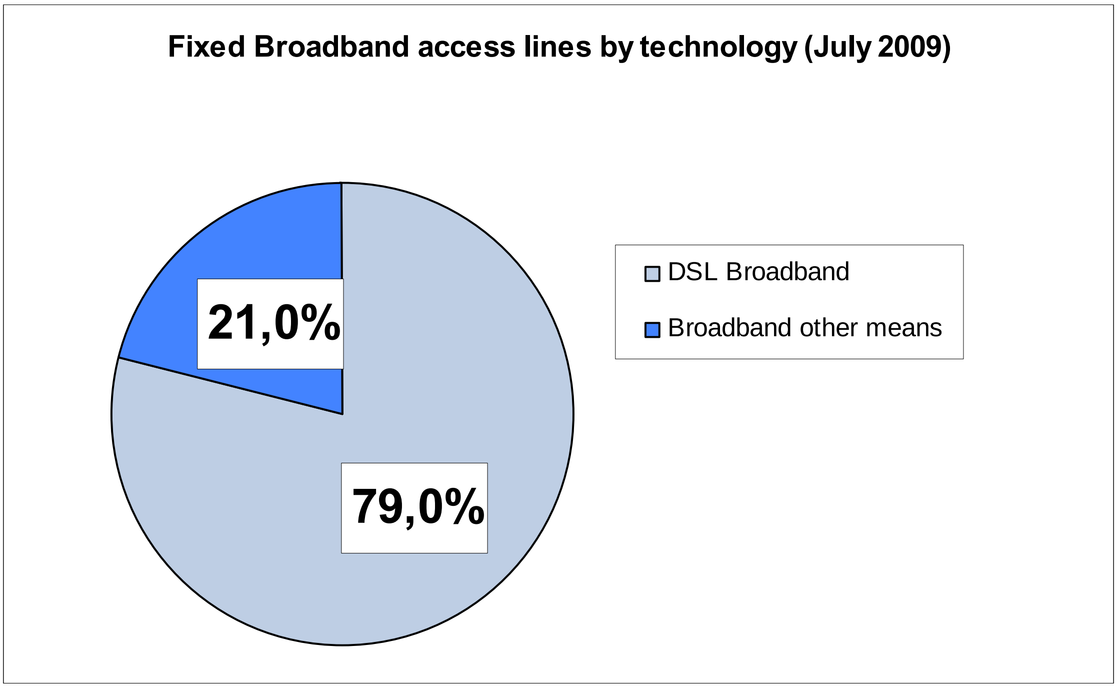
1.1.4. *Fixed broadband access lines by operator in EU27*



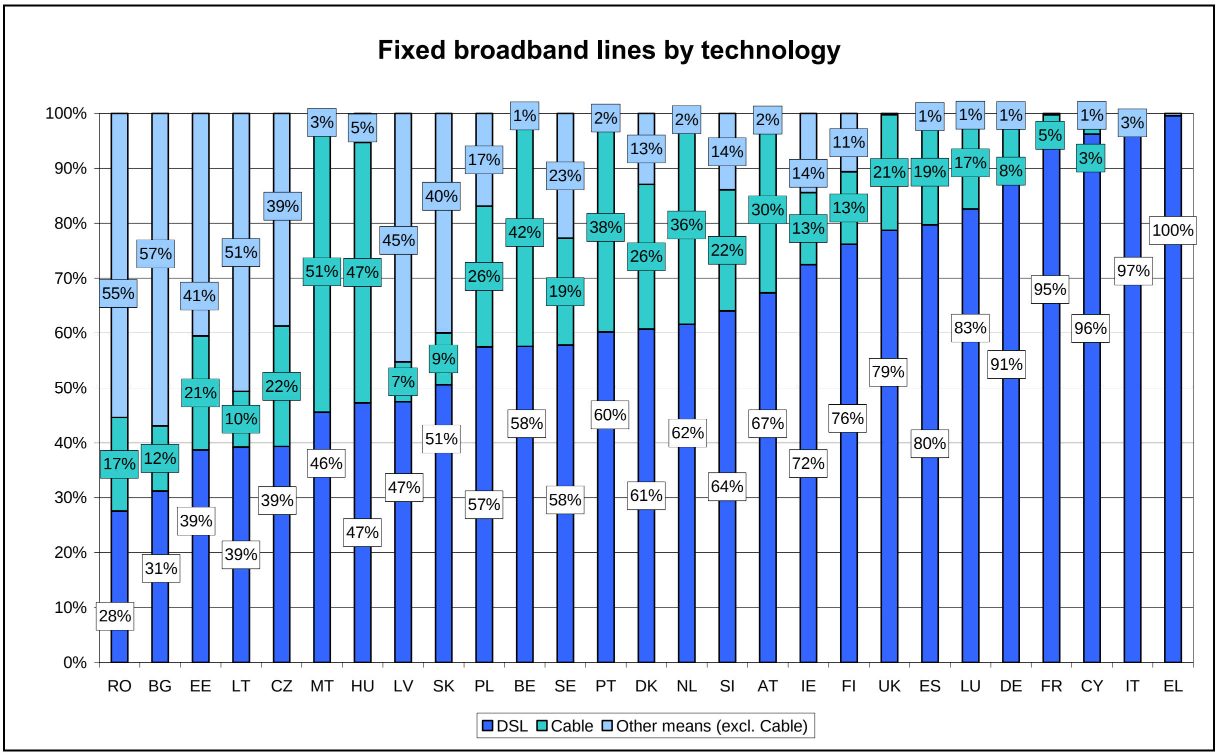
	Fixed broadband access lines by operator	
	Incumbents Broadband	New entrants Broadband
July 2009	45,2%	54,8%



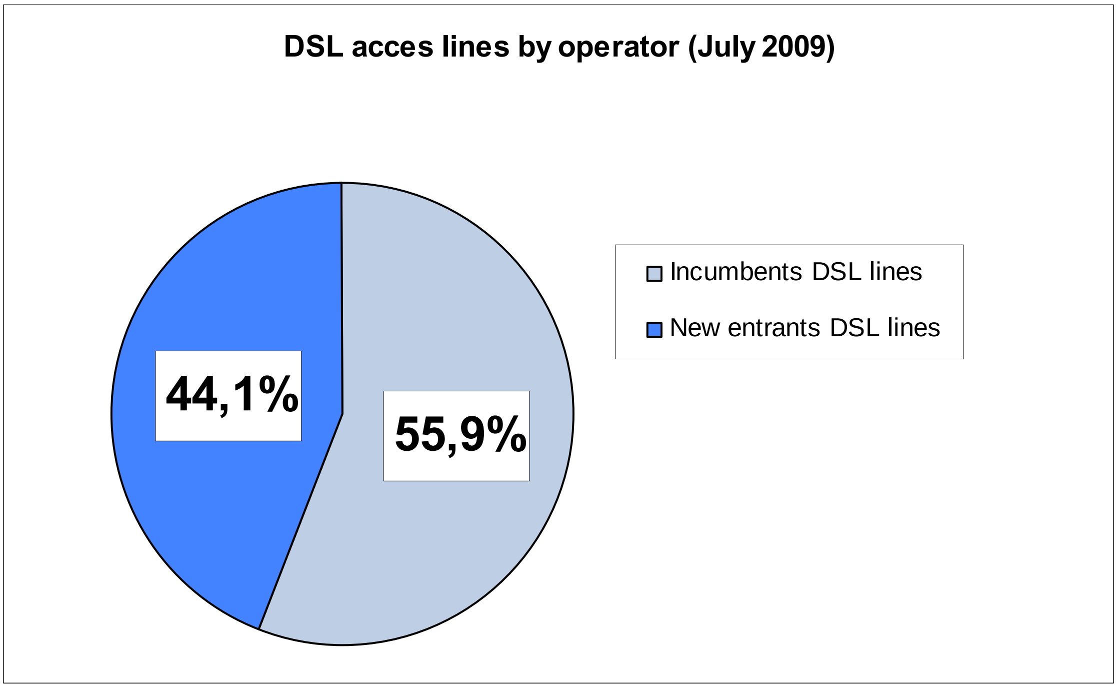
1.1.5. *Fixed broadband access lines by technology in EU27*



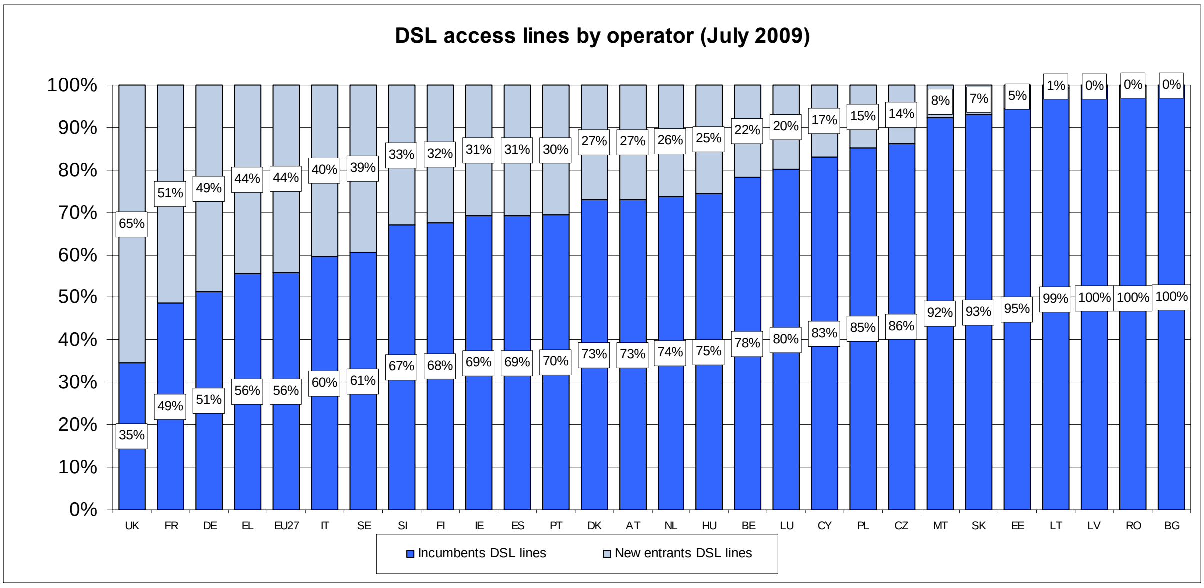
	Fixed broadband lines by technology	
	DSL Broadband	Broadband other means
July 2009	79,0 %	21%



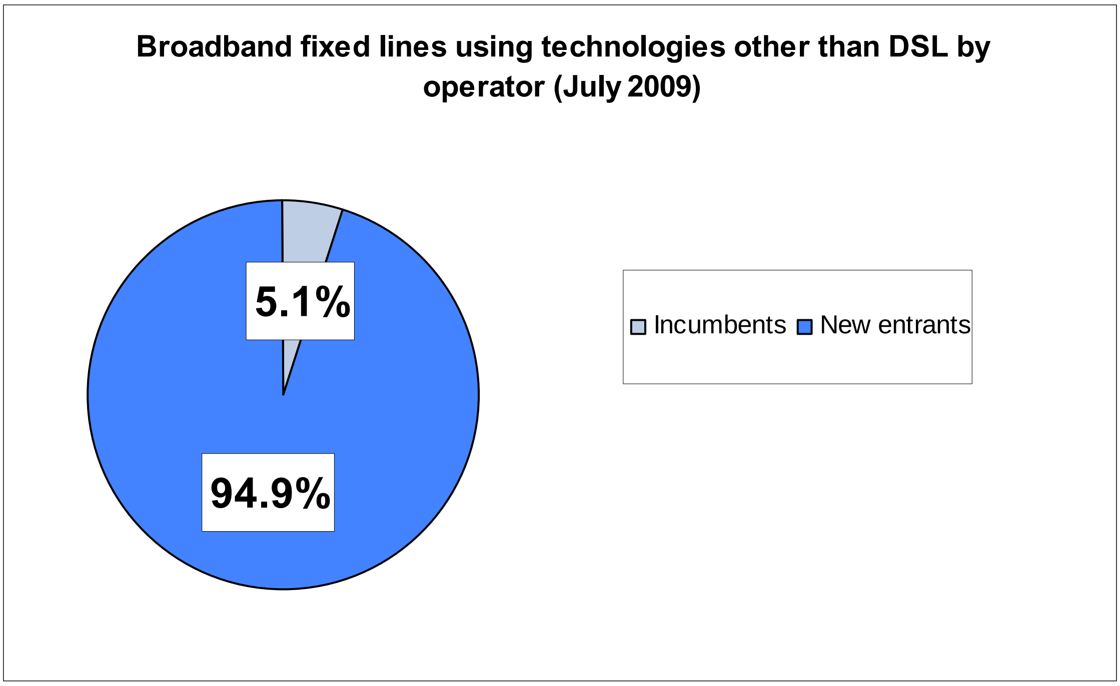
1.1.6. *DSL access lines by operator in EU27*



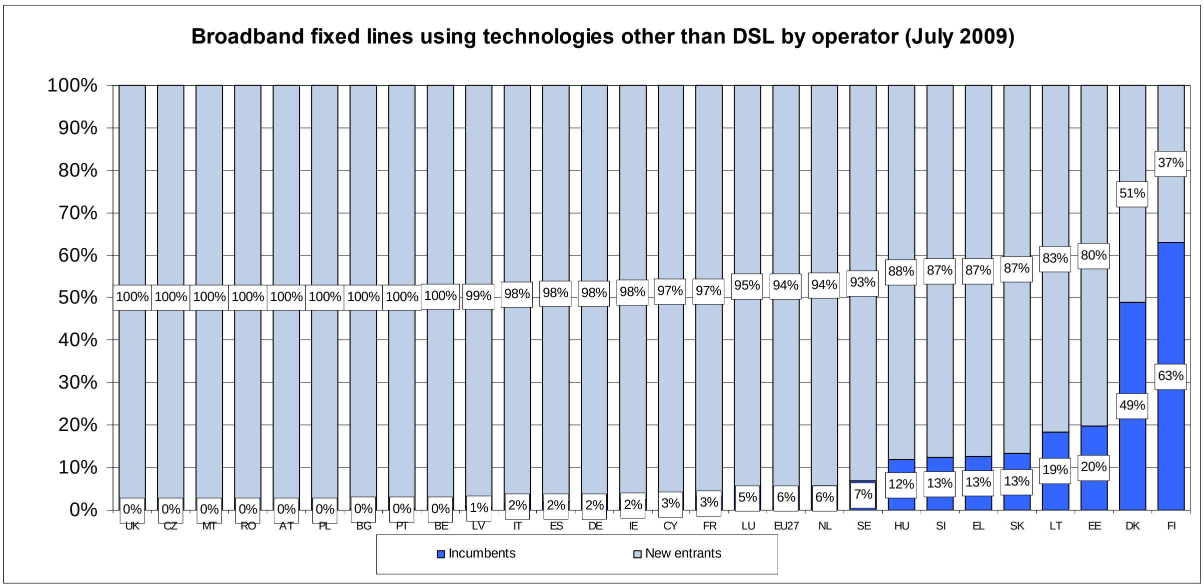
	DSL access lines by operator	
	Incumbents DSL lines	New entrants DSL lines
July 2009	55.9%	44.1%



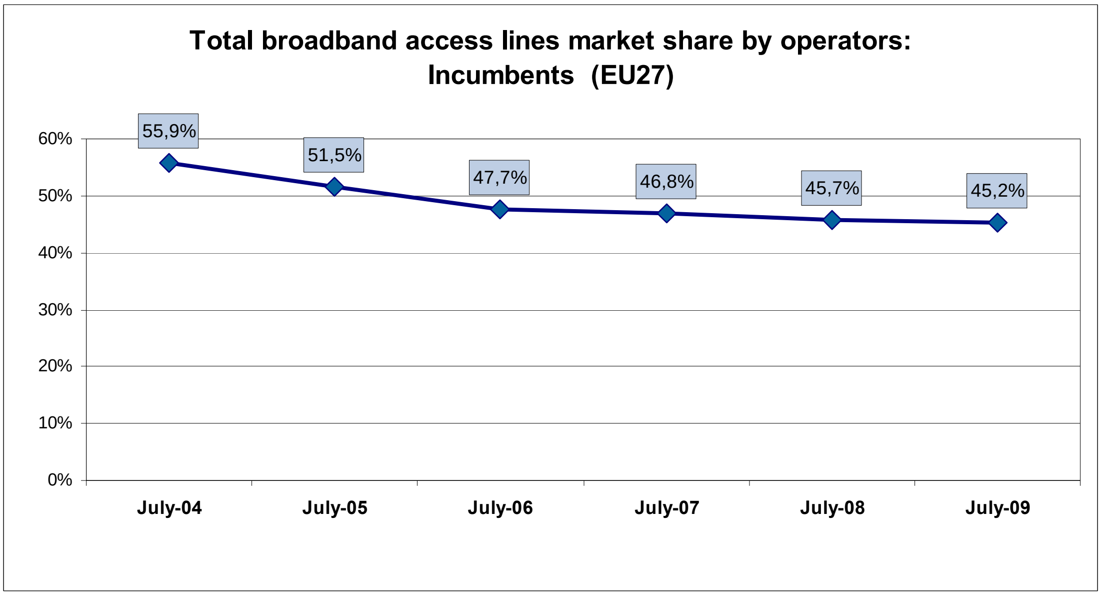
1.1.7. Broadband fixed lines using technologies other than DSL by operator in EU 27



	Broadband fixed lines using technologies other than DSL by operator	
	Incumbents	New entrants
July 2009	5.1%	94.9%

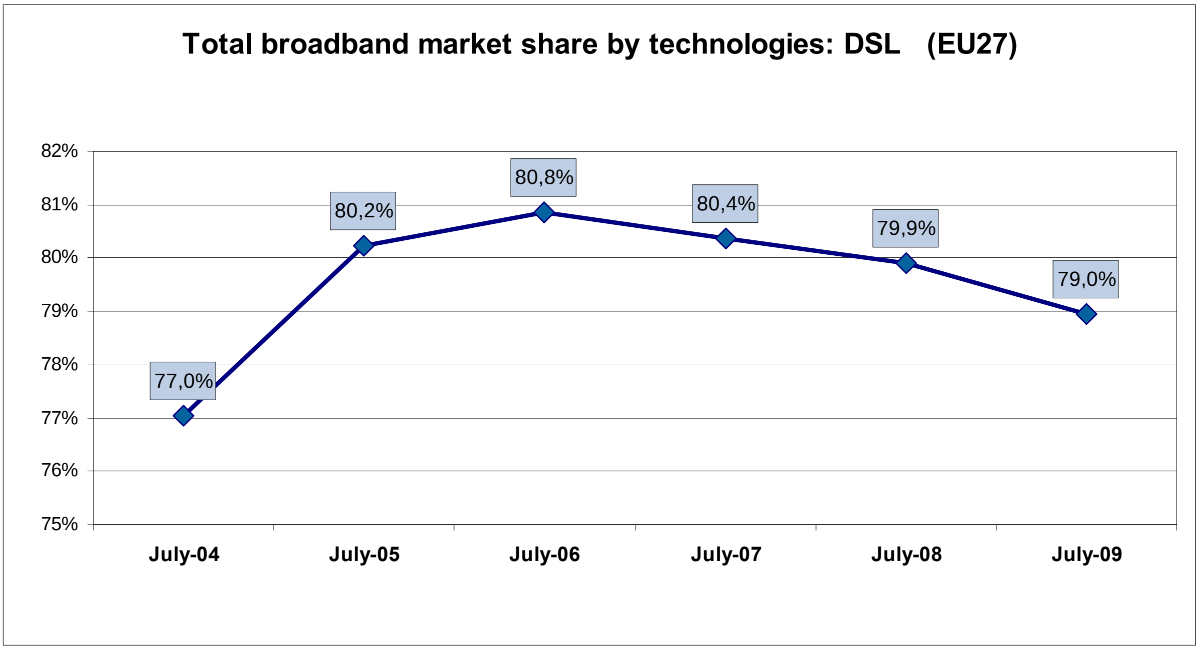


1.1.8. *Trends in fixed broadband access lines by operator in EU - Incumbents*



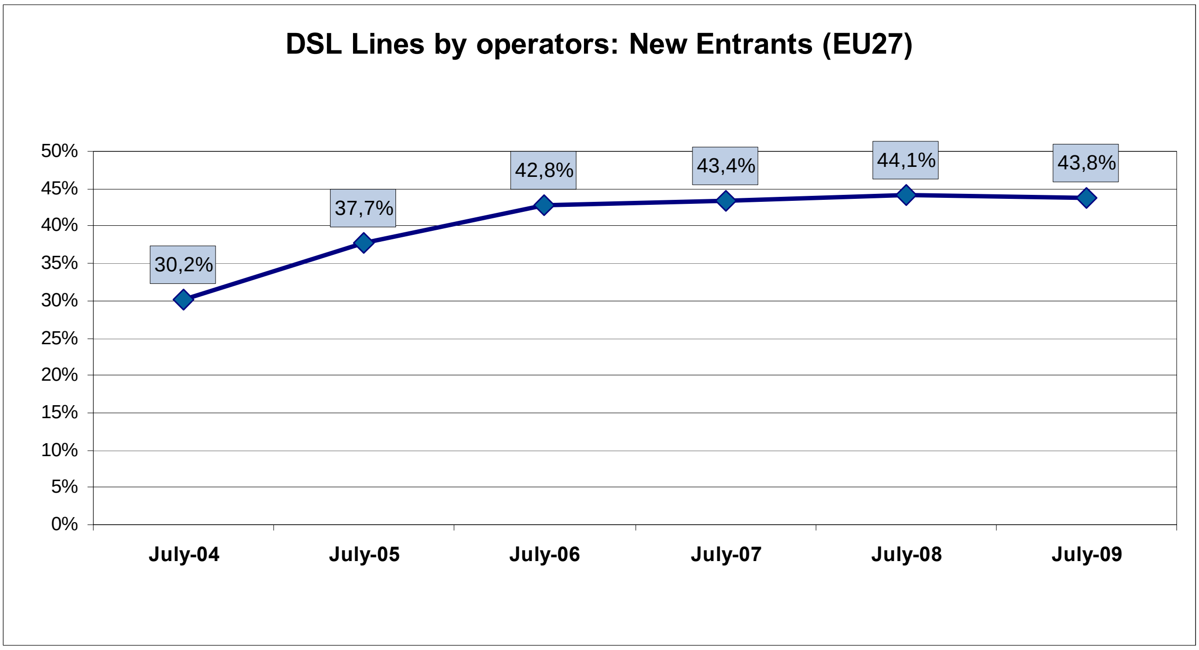
Country	Jan-07	Jul-07	Jan-08	Jul-08	Jan-09	Jul-09
BE	46.9%	46.8%	45.5%	46.2%	45.9%	45.2%
BG	27.6%	27.8%	28.0%	25.8%	29.1%	31.3%
CZ	37.2%	36.9%	33.9%	33.2%	33.5%	33.9%
DK	60.1%	60.5%	59.0%	58.3%	57.3%	63.6%
DE	48.0%	46.4%	46.1%	46.0%	47.0%	46.8%
EE	57.4%	56.6%	54.6%	53.1%	53.0%	48.7%
EL	63.1%	59.0%	57.8%	58.2%	57.4%	55.4%
ES	55.9%	55.8%	56.1%	56.3%	56.7%	55.6%
FR	46.2%	46.8%	47.7%	47.2%	47.2%	46.2%
IE	48.0%	48.6%	50.5%	50.7%	51.6%	50.9%
IT	66.6%	64.8%	63.6%	61.3%	59.8%	57.8%
CY	94.5%	89.8%	86.8%	83.0%	80.8%	80.0%
LV	44.3%	49.5%	44.2%	45.8%	46.4%	47.7%
LT	49.7%	48.8%	50.5%	50.5%	50.2%	49.5%
LU	74.1%	73.2%	74.1%	71.0%	70.8%	67.2%
HU	50.9%	49.5%	44.5%	42.8%	41.7%	41.6%
MT	38.2%	42.6%	41.2%	40.3%	38.3%	42.1%
NL	46.0%	51.6%	51.5%	51.2%	52.1%	47.6%
AT	39.7%	38.8%	38.7%	42.4%	45.4%	49.3%
PL	68.2%	60.2%	60.5%	57.4%	45.4%	43.4%
PT	71.1%	70.1%	39.7%	39.1%	40.6%	41.9%
RO	8.9%	11.5%	18.7%	22.5%	26.2%	27.6%
SI	52.9%	52.0%	49.8%	48.3%	49.2%	47.5%
SK	63.2%	54.3%	54.8%	54.1%	52.0%	53.8%
FI	69.7%	69.1%	66.2%	64.6%	64.8%	66.5%
SE	39.3%	38.9%	37.7%	38.6%	39.3%	38.0%
UK	23.7%	25.7%	25.8%	25.6%	25.4%	27.2%
EU27	46.9%	46.8%	46.1%	45.7%	45.5%	45.2%

1.1.9. *Trends in fixed broadband access lines by technology in EU - DSL*



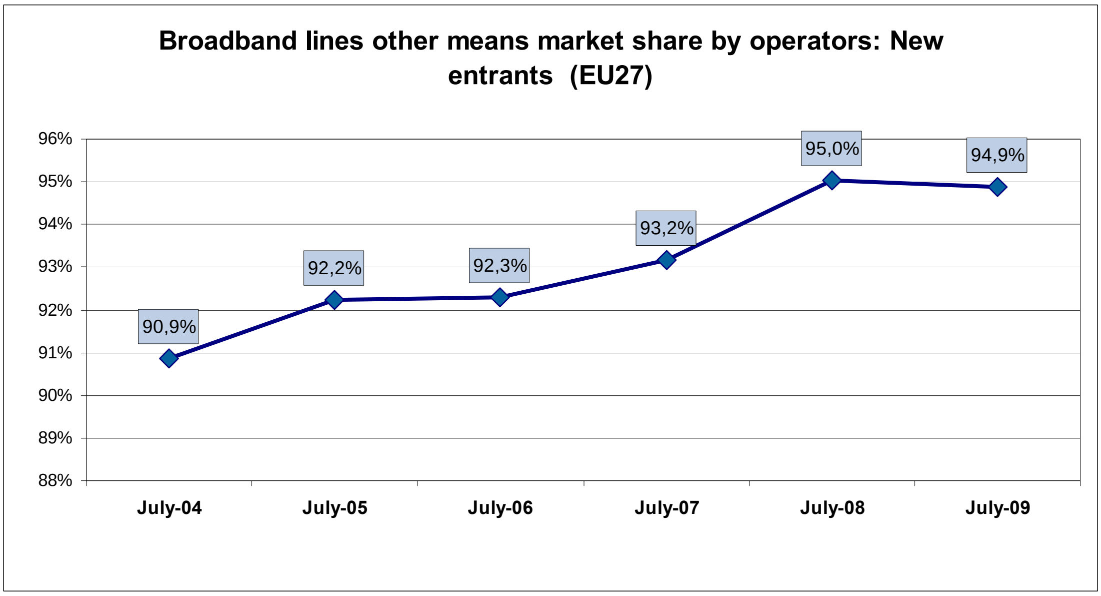
Country	Jan-07	Jul-07	Jan-08	Jul-08	Jan-09	Jul-09
BE	61.2%	60.8%	59.7%	58.9%	58.2%	57.6%
BG	27.5%	27.7%	28.2%	25.9%	30.0%	31.8%
CZ	45.4%	44.9%	41.0%	39.6%	39.4%	39.3%
DK	60.8%	62.2%	62.1%	61.7%	60.8%	60.7%
DE	95.9%	94.7%	94.7%	93.6%	92.5%	91.0%
EE	48.6%	47.0%	45.6%	41.3%	41.4%	38.7%
EL	99.3%	99.5%	99.5%	99.5%	99.6%	99.6%
ES	79.1%	78.5%	78.4%	78.7%	79.5%	79.7%
FR	94.9%	95.0%	95.5%	95.5%	95.3%	94.8%
IE	73.3%	72.4%	73.0%	72.7%	74.1%	72.5%
IT	96.0%	96.3%	96.4%	96.4%	96.4%	96.6%
CY	99.1%	99.0%	99.0%	98.3%	97.5%	96.3%
LV	44.5%	49.7%	44.4%	45.9%	46.5%	47.5%
LT	49.6%	47.8%	45.6%	44.7%	43.2%	39.2%
LU	90.8%	90.9%	89.8%	87.1%	87.2%	82.6%
HU	61.7%	59.7%	52.6%	49.9%	49.2%	47.3%
MT	59.1%	61.3%	55.5%	50.0%	46.8%	46.1%
NL	61.2%	60.8%	60.6%	60.5%	61.4%	61.4%
AT	60.6%	61.4%	61.5%	63.4%	64.1%	66.0%
PL	74.9%	65.1%	70.4%	66.8%	59.7%	57.2%
PT	63.0%	62.6%	61.1%	60.6%	60.3%	60.2%
RO	9.0%	11.6%	18.7%	22.5%	26.2%	27.6%
SI	69.5%	72.3%	71.1%	68.8%	67.1%	64.0%
SK	65.2%	56.8%	58.3%	58.5%	55.9%	50.6%
FI	81.5%	79.9%	78.6%	78.6%	76.3%	76.2%
SE	65.9%	64.5%	62.3%	62.3%	61.7%	57.8%
UK	76.6%	77.9%	78.4%	78.5%	78.6%	78.7%
EU27	80.8%	80.4%	80.3%	79.9%	79.4%	79.2%

1.1.10. Trends in DSL access lines by operator in EU – New entrants



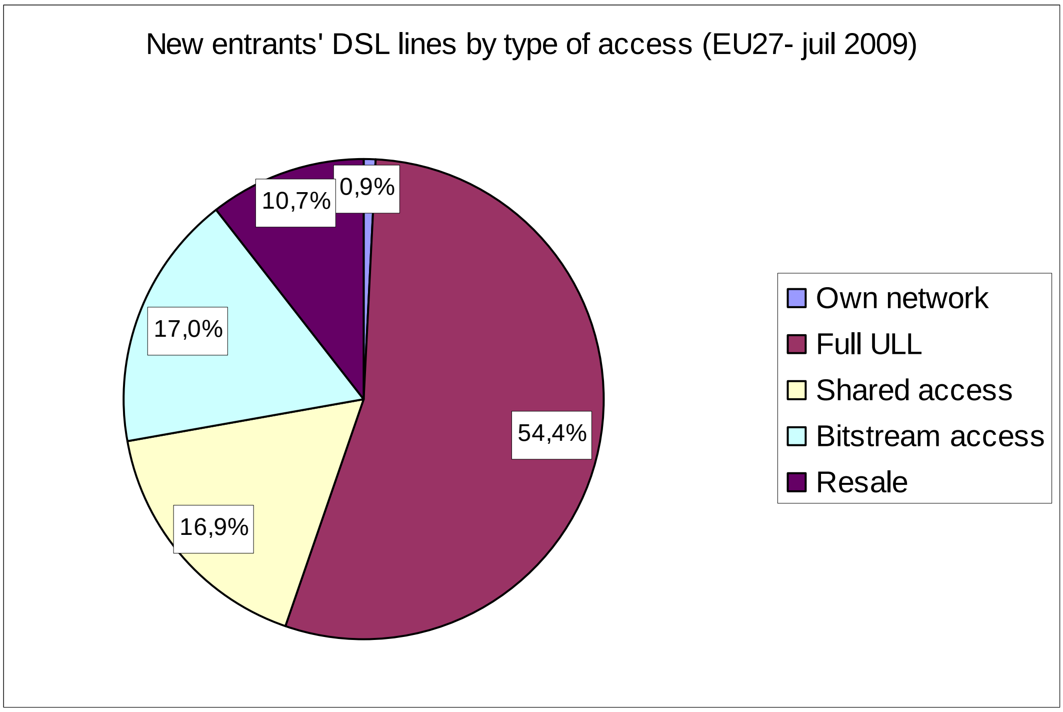
Country	Jan-07	Jul-07	Jan-08	Jul-08	Jan-09	Jul-09
BE	23.4%	23.0%	23.7%	21.9%	21.5%	21.8%
BG	0.0%	0.0%	1.0%	0.7%	3.3%	0.1%
CZ	18.0%	17.8%	17.1%	16.2%	15.1%	13.8%
DK	28.7%	29.3%	31.2%	32.5%	33.2%	27.0%
DE	50.3%	51.4%	51.4%	51.1%	49.4%	48.8%
EE	3.5%	3.8%	4.3%	5.1%	5.1%	5.4%
EL	36.7%	40.9%	42.1%	41.7%	42.4%	44.4%
ES	29.4%	29.0%	29.0%	28.9%	29.2%	30.7%
FR	51.3%	50.7%	50.0%	50.6%	50.6%	51.4%
IE	34.5%	32.8%	31.0%	31.0%	31.1%	30.7%
IT	30.9%	32.9%	34.2%	36.5%	38.1%	40.3%
CY	5.0%	9.6%	12.6%	15.8%	17.2%	16.8%
LV	0.8%	0.8%	0.8%	0.5%	0.5%	0.4%
LT	1.2%	1.1%	1.0%	1.0%	0.9%	0.8%
LU	19.6%	20.8%	18.8%	19.7%	20.0%	19.8%
HU	27.1%	27.6%	28.3%	27.9%	27.7%	25.4%
MT	35.4%	30.6%	25.8%	19.4%	18.2%	7.6%
NL	26.8%	17.1%	16.9%	18.1%	17.9%	17.9%
AT	34.5%	36.8%	37.0%	33.0%	29.3%	27.7%
PL	9.6%	9.1%	16.0%	16.6%	19.5%	24.6%
PT	25.9%	26.8%	35.2%	35.6%	32.8%	30.5%
RO	2.3%	1.2%	0.5%	0.3%	0.3%	0.2%
SI	24.0%	28.2%	30.5%	32.5%	32.1%	32.9%
SK	3.2%	4.4%	5.9%	7.4%	7.6%	6.8%
FI	27.9%	29.1%	33.0%	34.4%	34.9%	32.4%
SE	42.1%	42.3%	42.6%	41.9%	40.4%	39.4%
UK	69.1%	67.0%	67.1%	67.4%	67.7%	65.4%
EU27	43.62%	43.4%	43.8%	44.1%	43.7%	43.5%

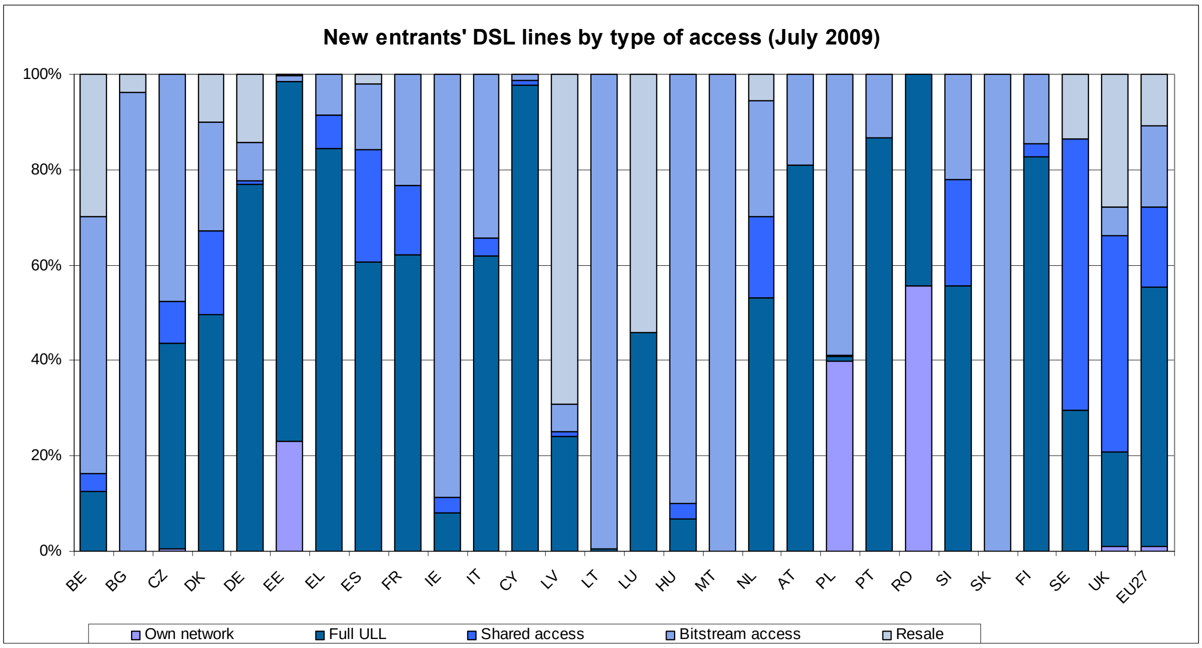
1.1.11. Trends in broadband fixed lines using technologies other than DSL– New entrants



Country	Jan-07	Jul-07	Jan-08	Jul-08	Jan-09	Jul-09
BE	100.0%	100.0%	100.0%	99.5%	99.6%	99.6%
BG	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%
CZ	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DK	57.4%	56.4%	56.9%	56.6%	57.4%	51.0%
DE	90.3%	93.8%	99.8%	96.1%	97.9%	98.1%
EE	79.7%	78.6%	79.7%	76.3%	76.5%	80.2%
EL	60.4%	61.0%	63.5%	68.1%	93.8%	87.3%
ES	99.7%	99.7%	98.2%	98.4%	98.2%	98.2%
FR	100.0%	100.0%	100.0%	100.0%	98.3%	98.5%
IE	100.0%	100.0%	99.7%	98.0%	98.1%	97.5%
IT	93.0%	94.6%	96.0%	97.3%	97.9%	98.3%
CY	53.6%	65.1%	70.0%	86.4%	96.0%	97.1%
LV	99.7%	99.7%	99.8%	99.7%	99.7%	99.3%
LT	98.5%	97.1%	90.1%	88.8%	87.0%	82.5%
LU	89.1%	87.5%	88.7%	91.8%	92.3%	94.6%
HU	84.7%	84.3%	85.6%	86.3%	88.0%	88.0%
MT	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
AT	100.0%	100.0%	100.0%	100.0%	100.0%	99.6%
PL	98.2%	97.2%	95.2%	95.1%	94.4%	99.9%
PT	33.9%	35.1%	99.8%	99.8%	99.8%	99.8%
RO	99.9%	99.8%	99.9%	99.9%	99.9%	99.5%
SI	99.6%	99.9%	98.6%	94.1%	89.0%	87.5%
SK	99.7%	99.8%	100.0%	100.0%	99.2%	86.6%
FI	41.0%	38.1%	36.7%	39.2%	36.2%	36.9%
SE	96.7%	95.1%	94.8%	93.9%	92.8%	93.1%
UK	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
EU27	93.4%	93.5%	95.7%	95.5%	95.4%	94.9%

1.1.12. *New entrants DSL lines by access type in EU*





July 2009	
Own network	0.9%
Full ULL	54.4%
Shared access	16.9%
Bitstream access	17.0%
Resale	10.7%
Total L.L.U	71.3%

	New entrants' DSL lines by type of access (July 2009)				
Country	Own network	Full ULL	Shared access	Bitstream access	Resale
Country	PSTN DSL New ON	PSTN DSL New FULL UL	PSTN DSL New SA	PSTN DSL New BA	PSTN DSL New Resale
BE	0,0%	12,5%	3,7%	53,8%	29,9%
BG	0,0%	0,0%	0,0%	96,3%	3,7%
CZ	0,5%	43,2%	8,7%	47,6%	0,0%
DK	0,0%	49,5%	17,7%	22,9%	9,9%
DE	0,1%	76,7%	0,9%	8,0%	14,3%
EE	23,1%	75,4%	0,0%	1,3%	0,3%
EL	0,0%	84,4%	7,1%	8,5%	0,0%
ES	0,0%	60,7%	23,6%	13,7%	2,0%
FR	0,0%	62,1%	14,5%	23,4%	0,0%
IE	0,0%	8,1%	3,1%	88,8%	0,0%
IT	0,0%	61,8%	3,9%	34,3%	0,1%
CY	0,0%	97,7%	1,0%	1,3%	0,0%
LV	n.a.	23,9%	1,2%	5,7%	69,2%
LT	0,0%	0,5%	0,0%	99,5%	0,0%
LU	0,1%	45,8%	0,0%	0,0%	54,1%
HU	0,0%	6,7%	3,3%	90,0%	0,0%
NL	0,0%	53,2%	16,8%	24,5%	5,5%
AT	0,0%	80,9%	0,0%	19,0%	0,0%
PL	39,9%	1,1%	0,1%	59,0%	0,0%
PT	0,0%	86,6%	0,0%	13,4%	0,0%
RO	55.4%	44.6%		0.0%	0.0%
SI	0,0%	55,7%	22,2%	22,2%	0,0%
SK	0,0%	0,0%	0,0%	100,0%	0,0%
FI	0,0%	82,6%	3,0%	14,4%	0,0%
SE	0,0%	29,6%	56,8%	0,0%	13,6%
UK	1.0%	19.8%	45.4%	5.9%	27.9%
EU27	0.9%	54.4%	16.9%	17.0%	10.7%

ANNEX 2: Data on local broadband access by Member State

This annex provides additional information by Member State, when available, on the following indicators:

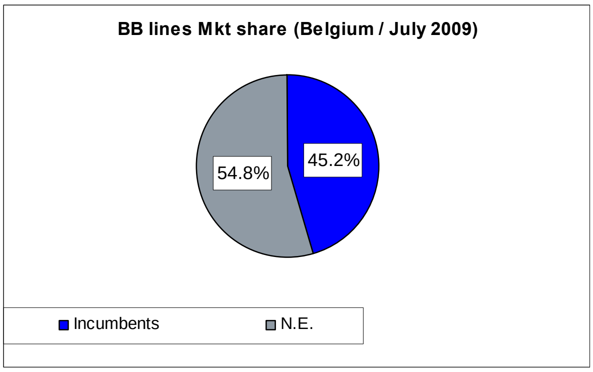
1. BB lines by operator as at 1 July 2009;
2. BB lines by operator for the period between 1 July 2005 and 1 July 2009;
3. BB lines by technology as at 1 July 2009;
4. BB lines by technology for the period between 1 July 2005 and 1 July 2009;
5. DSL lines by operator as at 1 July 2009;
6. DSL lines by operator for the period between 1 July 2005 and 1 July 2009;
7. New broadband lines added per day and per year in 2006, 2007, 2008 and 2009;
8. Total number of broadband lines for the period between 1 January 2005 and 1 July 2009.

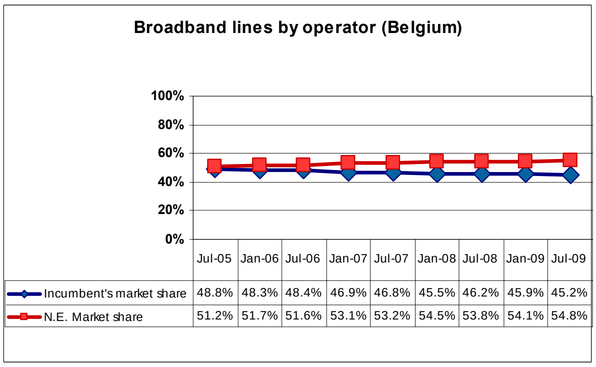
Data for BG and RO are available since January 2007.

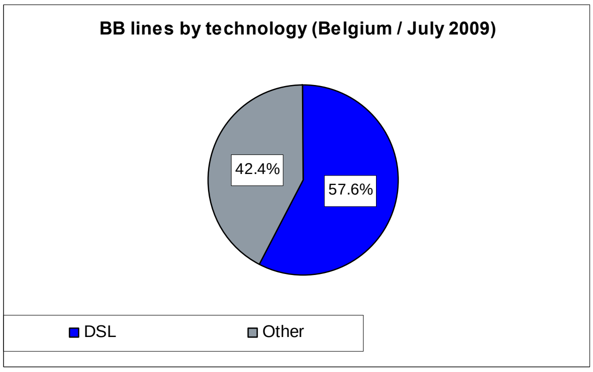
Belgium, July 2009

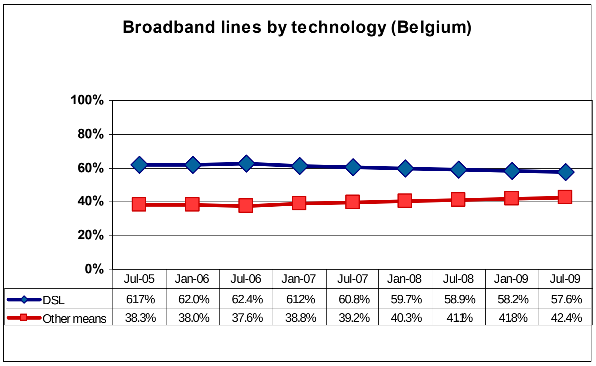
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	970,668	0	4,205	2,010	196,118	74,470	276,803	0	0	0	0	0	0	0	0	0	3,597	757,388	2,047	0	0	0	81	0	763,113
July 2006	1,051,090	0	6,451	4,264	238,361	55,841	304,917	0	0	117	0	0	0	0	712	117	3,597	812,525	0	0	0	0	0	1,228	816,122
January 2007	1,124,673	0	22,366	21,080	257,719	42,183	343,348	0	0	0	0	0	0	0	895	0	6,968	878,360	45,177	14	0	0	653	1,363	931,172
July 2007	1,174,444	0	33,686	18,659	265,347	33,199	350,891	0	0	0	0	0	0	0	0	0	8,349	974,269	1,384	13	0	0	106	1,394	984,121
January 2008	1,235,545	0	38,449	19,068	307,676	18,384	383,577	0	0	0	0	0	0	0	0	0	14,313	1,071,107	9,737	56	0	0	0	0	1,095,213
July 2008	1,293,330	0	41,135	16,414	214,201	90,627	362,377	0	0	5,601	0	0	0	0	0	5,601	17,702	1,132,075	1,222	739	0	0	2	0	1,151,740
January 2009	1,343,260	0	47,872	17,194	204,387	98,360	367,813	0	0	5,433	0	0	0	0	0	5,433	20,040	1,200,198	1,145	716	0	0	0	0	1,222,099
July 2009	1,368,419	0	47,905	14,305	205,768	114,155	382,133	0	0	4,772	0	0	0	0	0	4,772	20,234	1,263,199	1,423	1,131	0	0	4	0	1,285,991

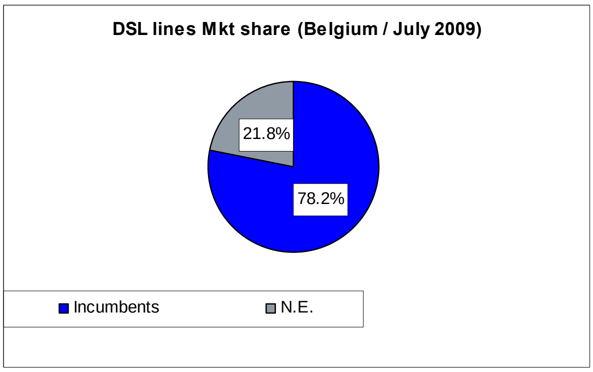
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	970,668	48.3%	1,039,916	51.7%	1,247,471	62.0%	763,113	38.0%	2,010,584
July 2006	1,051,207	48.4%	1,121,039	51.6%	1,356,007	62.4%	816,239	37.6%	2,172,246
January 2007	1,124,673	46.9%	1,274,520	53.1%	1,468,021	61.2%	931,172	38.8%	2,399,193
July 2007	1,174,444	46.8%	1,335,012	53.2%	1,525,335	60.8%	984,121	39.2%	2,509,456
January 2008	1,235,545	45.5%	1,478,790	54.5%	1,619,122	59.7%	1,095,213	40.3%	2,714,335
July 2008	1,298,931	46.2%	1,514,117	53.8%	1,655,707	58.9%	1,157,341	41.1%	2,813,048
January 2009	1,348,693	45.9%	1,589,912	54.1%	1,711,073	58.2%	1,227,532	41.8%	2,938,605
July 2009	1,373,191	45.2%	1,668,124	54.8%	1,750,552	57.6%	1,290,763	42.4%	3,041,315

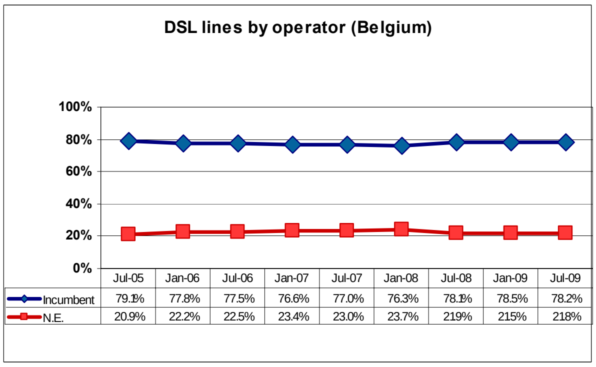


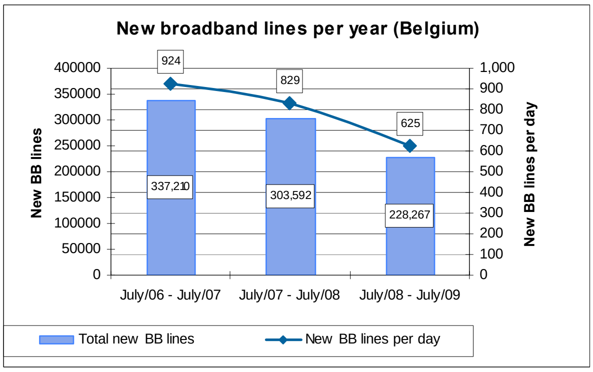


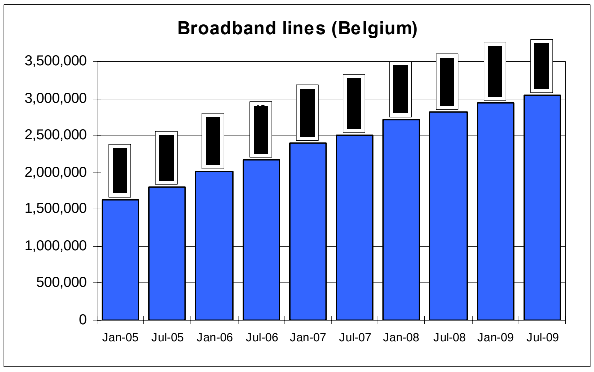












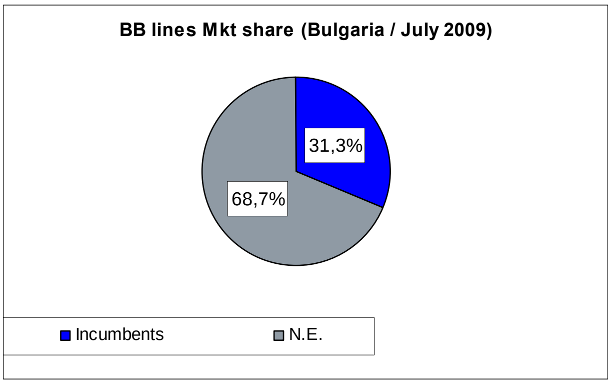
Bulgaria, July 2009

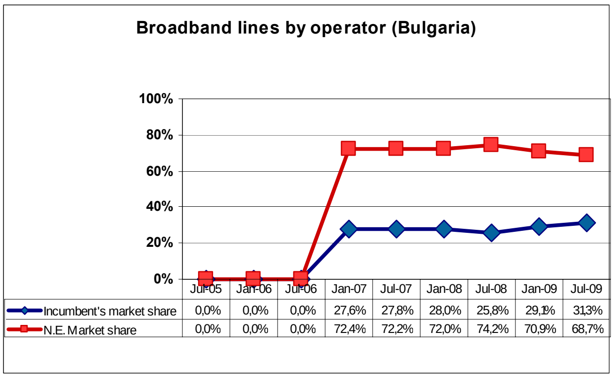
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines
January 2006	0	0	0	0	0	0	0
July 2006	0	0	0	0	0	0	0
January 2007	95.036	0	0	0	0	30	30
July 2007	121.298	0	2	2	0	51	55
January 2008	162.101	0	0	0	0	1.655	1.655
July 2008	204.858	0	0	0	34	1.485	1.519
January 2009	247.751	0	0	0	132	8.212	8.344
July 2009	282.448	0	0	0	182	7	189

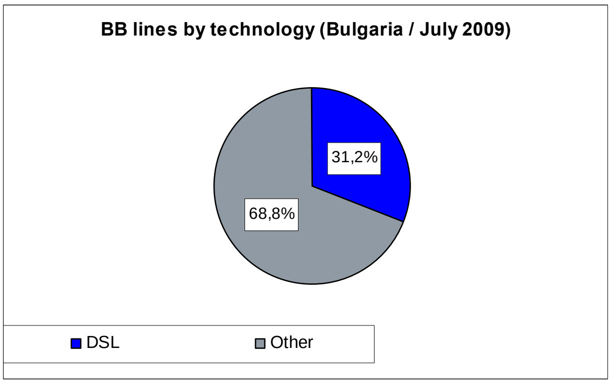
	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	0	0	0	0	0	0	0	0
July 2006	0	0	0	0	0	0	0	0	0
January 2007	0	0	0	139	0	0	315	0	454
July 2007	0	0	0	0	0	0	468	0	468
January 2008	0	0	589	0	0	0	2	0	591
July 2008	0	0	522	0	0	0	12	0	534
January 2009	0	0	596	0	0	0	14	0	610
July 2009	0	0	851	0	0	0	22	0	873

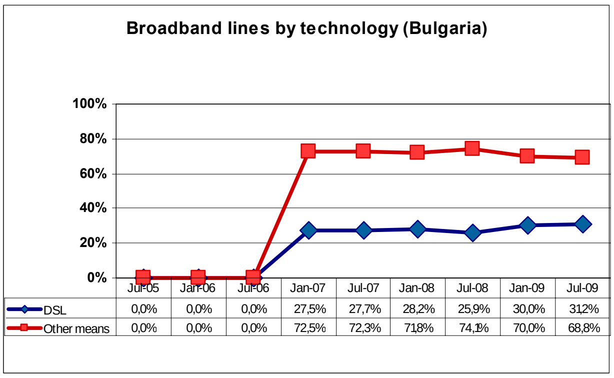
	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	0	0	0	0	0	0	0	0
July 2006	0	0	0	0	0	0	0	0	0
January 2007	0	64.918	0	6.920	1	0	178.218	0	250.057
July 2007	1.067	67.392	503	12.753	2	0	234.828	0	316.545
January 2008	1.784	91.719	461	2.319	3	0	319.593	0	415.879
July 2008	3.602	99.822	463	8.405	5	0	476.822	0	589.119
January 2009	5.078	103.048	683	14.413	7	0	473.155	0	596.384
July 2009	6.862	107.480	134	20.514	40	0	486.800	0	621.830

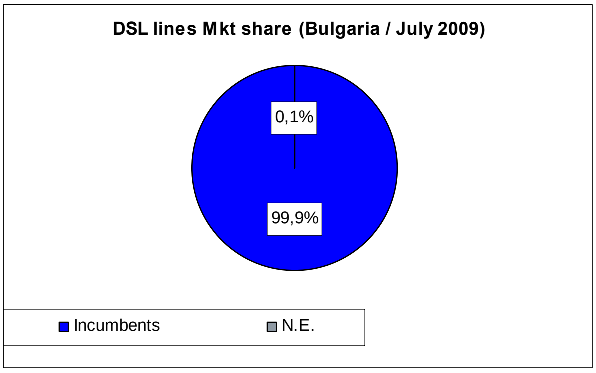
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share- DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	0	n.a.	0	n.a.	0	n.a.	0	n.a.	0
July 2006	0	n.a.	0	n.a.	0	n.a.	0	n.a.	0
January 2007	95.490	27,6%	250.087	72,4%	95.066	27,5%	250.511	72,5%	345.577
July 2007	121.766	27,8%	316.600	72,2%	121.353	27,7%	317.013	72,3%	438.366
January 2008	162.692	28,0%	417.534	72,0%	163.756	28,2%	416.470	71,8%	580.226
July 2008	205.392	25,8%	590.638	74,2%	206.377	25,9%	589.653	74,1%	796.030
January 2009	248.361	29,1%	604.728	70,9%	256.095	30,0%	596.994	70,0%	853.089
July 2009	283.321	31,3%	622.019	68,7%	282.637	31,2%	622.703	68,8%	905.340

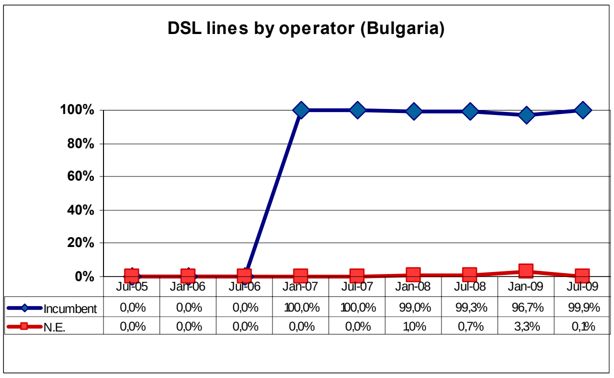


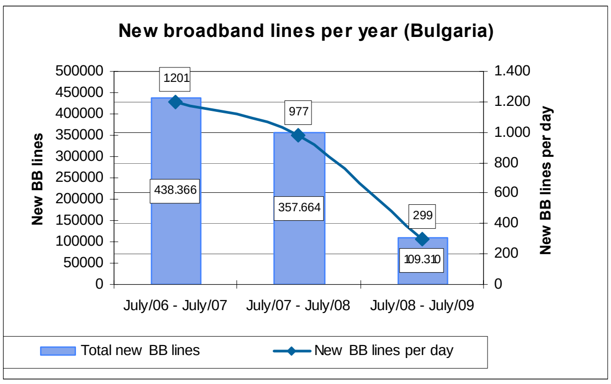


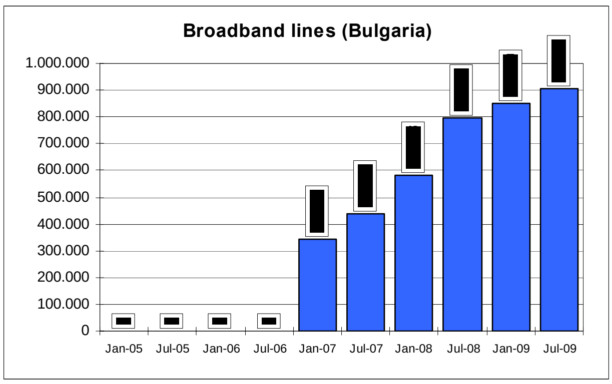










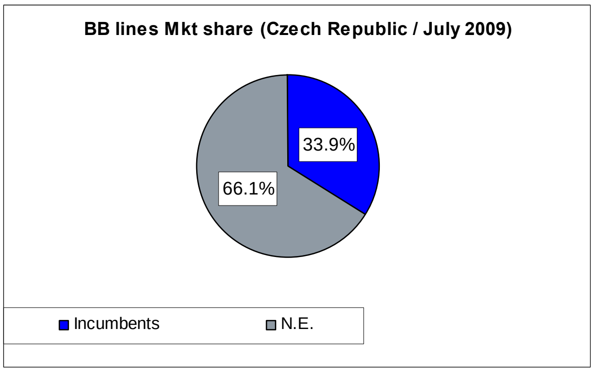


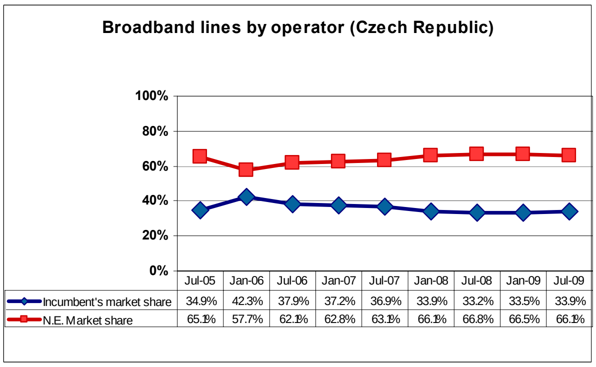
Czech Republic, July 2009

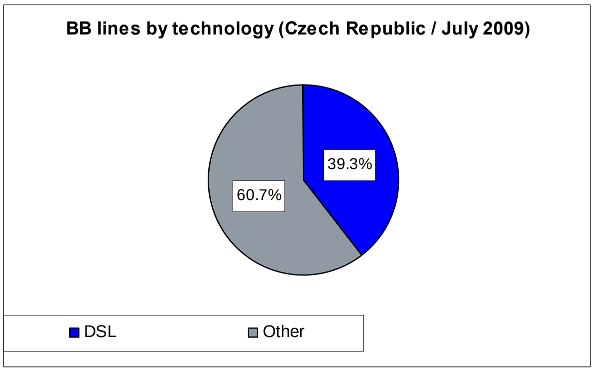
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home
January 2006	275,000	0	34,000	0	0	0	34,000	0	0	0	0
July 2006	326,411	0	4,446	8,596	60,025	0	73,067	0	0	0	0
January 2007	404,570	0	14,900	9,000	65,000	0	88,900	0	0	0	0
July 2007	462,269	0	24,800	11,000	64,000	0	99,800	0	0	0	0
January 2008	508,199	500	31,345	11,225	61,951	0	105,021	0	0	0	0
July 2008	539,744	500	34,587	11,689	57,810	0	104,586	0	0	0	0
January 2009	592,539	500	39,848	10,227	54,558	0	105,133	0	0	0	0
July 2009	633,681	550	43,640	8,800	48,064	0	101,054	0	0	0	0

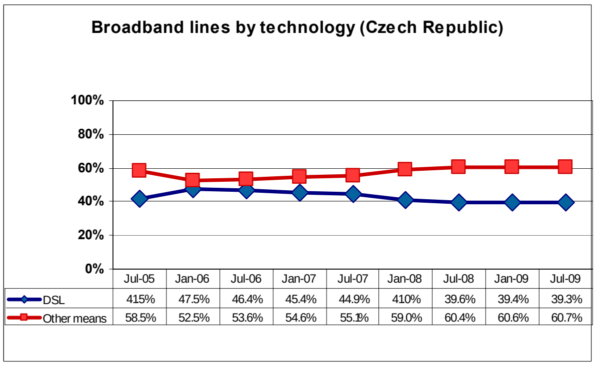
	Incumbents' access lines by other means: Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	0	0	0	0	188,000	138,000	0	11,000	4,000	0	0	0	341,000
July 2006	0	0	0	59	0	242,000	200,000	0	15,000	4,000	30	0	2,175	461,030
January 2007	0	0	0	200	0	350,000	216,000	0	24,000	4,000	50	0	2,790	594,050
July 2007	0	100	0	200	100	400,000	260,000	0	26,000	4,000	100	0	2,850	690,100
January 2008	0	100	0	0	100	520,000	309,000	0	55,000	0	100	0	3,000	884,100
July 2008	0	0	0	0	0	570,000	350,000	0	62,000	0	0	0	0	982,000
January 2009	0	0	0	0	0	620,000	382,512	0	70,000	0	0	0	0	1,072,512
July 2009	0	0	0	0	0	653,000	409,800	0	70,000	0	0	0	0	1,132,800

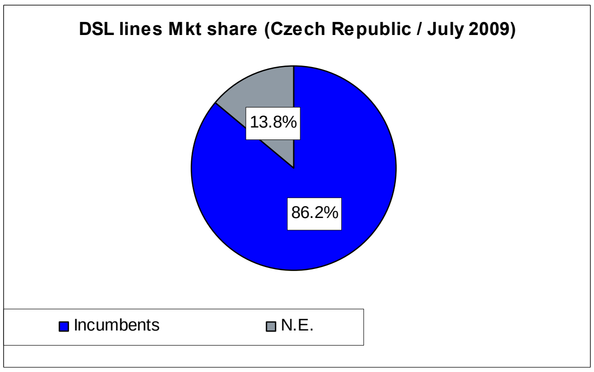
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	275,000	42.3%	375,000	57.7%	309,000	47.5%	341,000	52.5%	650,000
July 2006	326,411	37.9%	534,097	62.1%	399,478	46.4%	461,030	53.6%	860,508
January 2007	404,570	37.2%	682,950	62.8%	493,470	45.4%	594,050	54.6%	1,087,520
July 2007	462,369	36.9%	789,900	63.1%	562,069	44.9%	690,200	55.1%	1,252,269
January 2008	508,299	33.9%	989,121	66.1%	613,220	41.0%	884,200	59.0%	1,497,420
July 2008	539,744	33.2%	1,086,586	66.8%	644,330	39.6%	982,000	60.4%	1,626,330
January 2009	592,539	33.5%	1,177,645	66.5%	697,672	39.4%	1,072,512	60.6%	1,770,184
July 2009	633,681	33.9%	1,233,854	66.1%	734,735	39.3%	1,132,800	60.7%	1,867,535

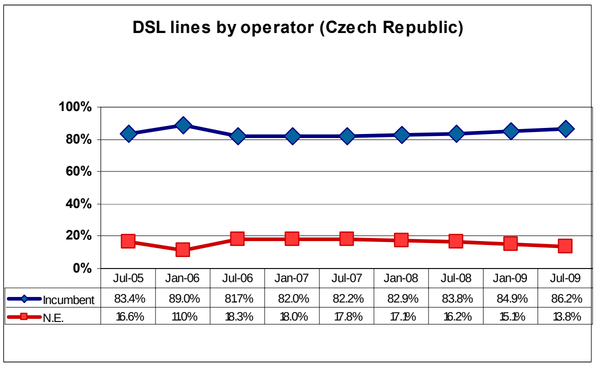


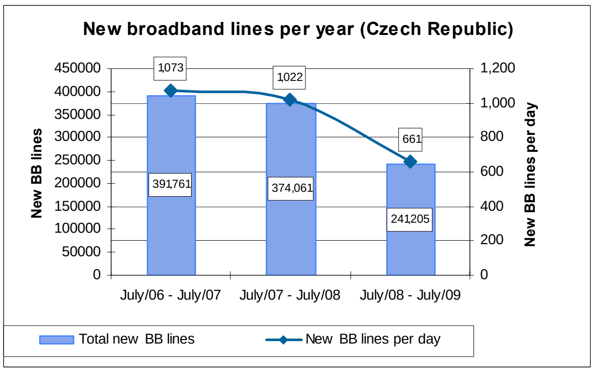


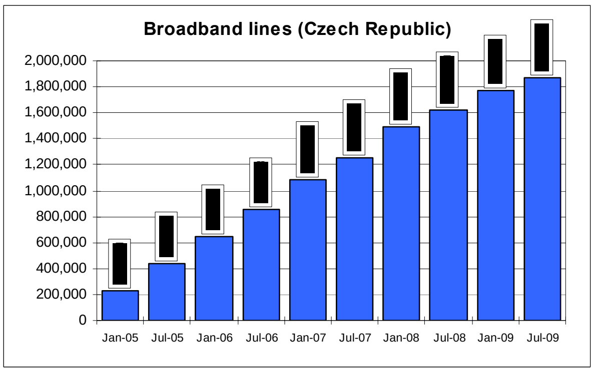








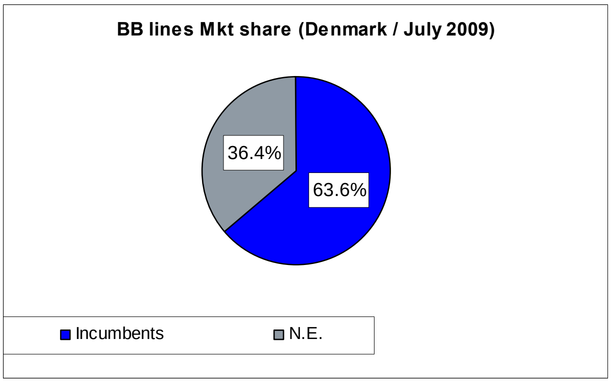


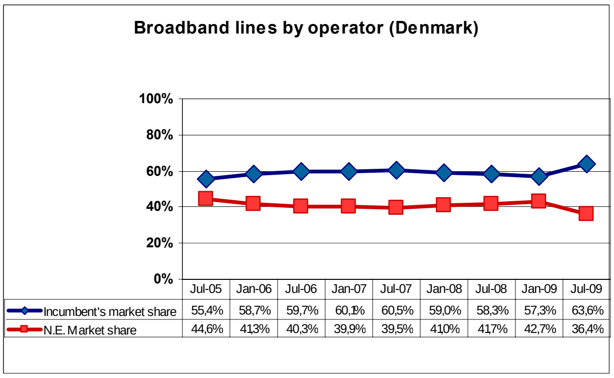


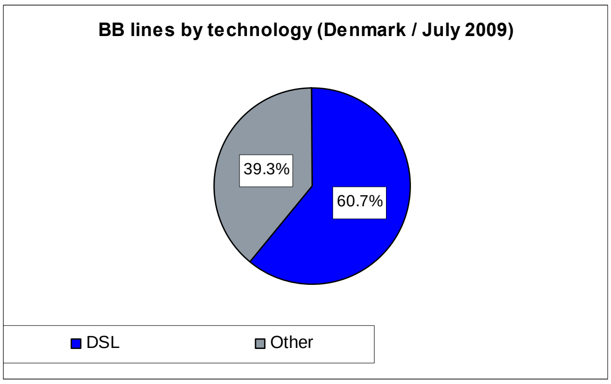
Denmark, July 2009

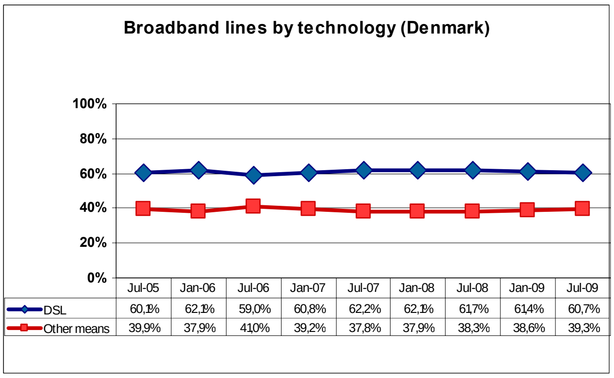
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	597.035	0	62.179	79.415	81.979	10.089	233.662	3.477	177.394	3.348	0	0	0	3.431	711	187.650	6.822	212.207	4.953	11.841	111	105	83.201	268	319.240
July 2006	677.154	0	80.529	87.540	83.368	18.986	270.423	6.129	268.459	2.867	0	0	0	4.737	706	282.192	17.879	222.510	4.526	19.574	146	95	112.032	231	376.762
January 2007	750.251	203	124.750	63.726	91.203	21.786	301.668	45	278.370	6.173	0	0	0	4.727	760	289.315	20.733	242.213	862	17.441	149	98	107.944	223	389.440
July 2007	815.691	116	150.262	63.604	96.772	28.030	338.784	45	289.181	9.481	0	0	0	7.118	754	305.825	21.731	237.749	1.605	28.625	7	94	105.165	279	394.976
January 2008	830.406	0	178.309	64.068	102.700	31.761	376.838	0	295.731	0	0	0	0	21.199	679	316.930	22.862	245.977	0	52.125	5	96	97.797	319	418.862
July 2008	843.406	0	205.100	61.715	104.135	35.226	406.176	46	302.385	0	220	0	0	33.687	668	336.338	23.524	232.902	0	67.532	5	0	115.053	259	439.016
January 2009	827.820	0	232.582	64.606	86.359	32.470	416.017	0	306.522	9.526	221	0	0	16.558	0	332.827	20.848	232.339	3.960	86.830	0	0	105.544	0	449.521
July 2009	908.687	0	166.437	59.380	76.793	33.302	335.912	807	344.173	11.595	4.234	0	0	33.738	0	394.547	22.377	196.402	4.620	99.077	0	0	88.353	0	410.829

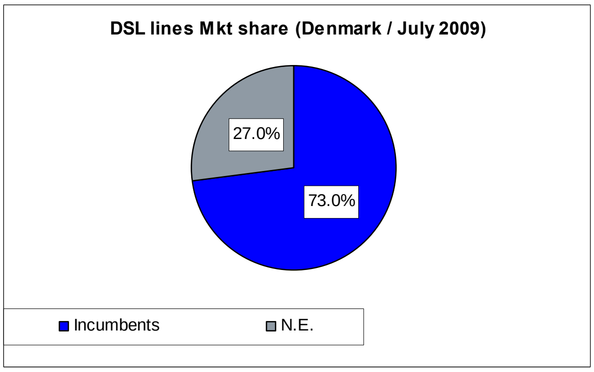
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share· DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	784.685	58,7%	552.902	41,3%	830.697	62,1%	506.890	37,9%	1.337.587
July 2006	959.346	59,7%	647.185	40,3%	947.577	59,0%	658.954	41,0%	1.606.531
January 2007	1.039.566	60,1%	691.108	39,9%	1.051.919	60,8%	678.755	39,2%	1.730.674
July 2007	1.121.516	60,5%	733.760	39,5%	1.154.475	62,2%	700.801	37,8%	1.855.276
January 2008	1.147.336	59,0%	795.700	41,0%	1.207.244	62,1%	735.792	37,9%	1.943.036
July 2008	1.179.744	58,3%	845.192	41,7%	1.249.582	61,7%	775.354	38,3%	2.024.936
January 2009	1.160.647	57,3%	865.538	42,7%	1.243.837	61,4%	782.348	38,6%	2.026.185
July 2009	1.303.234	63,6%	746.741	36,4%	1.244.599	60,7%	805.376	39,3%	2.049.975

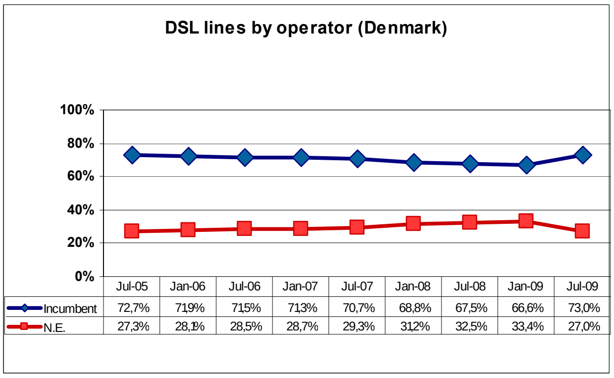


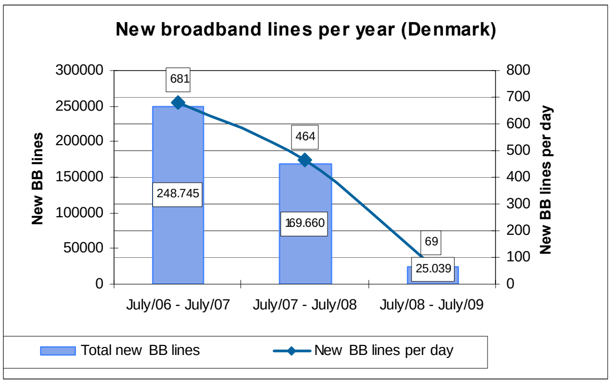


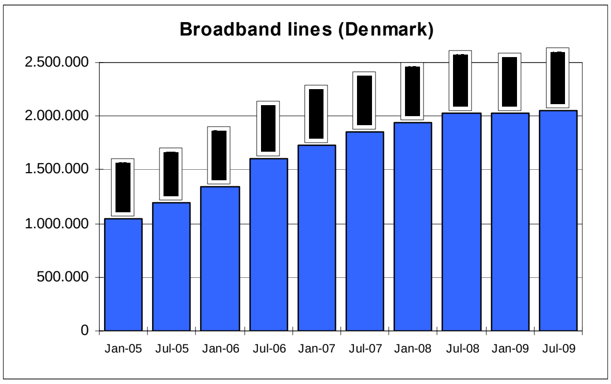












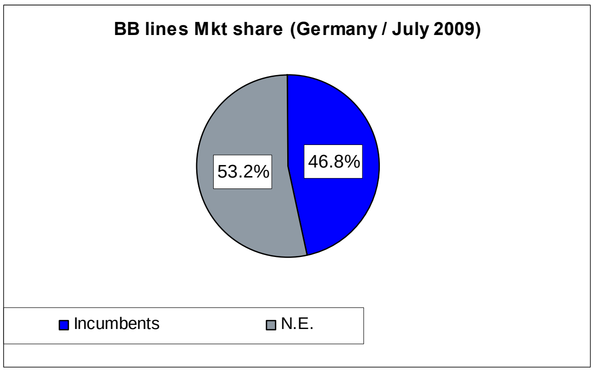
Germany, July 2009

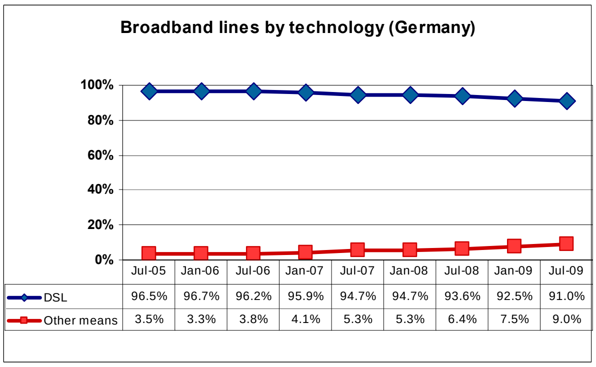
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines
January 2006	6,300,000	0	2,300,000	6,000	1,500	1,600,000	3,907,500
July 2006	6,400,000	0	3,200,000	27,000	1,500	2,500,000	5,728,500
January 2007	7,100,000	5,000	3,900,000	85,000	0	3,200,000	7,190,000
July 2007	8,010,000	0	4,810,000	116,000	0	3,540,000	8,466,000
January 2008	9,019,000	100,000	5,750,000	155,000	0	3,524,000	9,529,000
July 2008	9,900,000	12,000	6,940,000	144,000	0	3,230,000	########
January 2009	10,594,000	12,000	7,700,000	116,000	800,000	1,700,000	########
July 2009	11,229,000	13,000	8,200,000	101,000	853,300	1,523,700	########

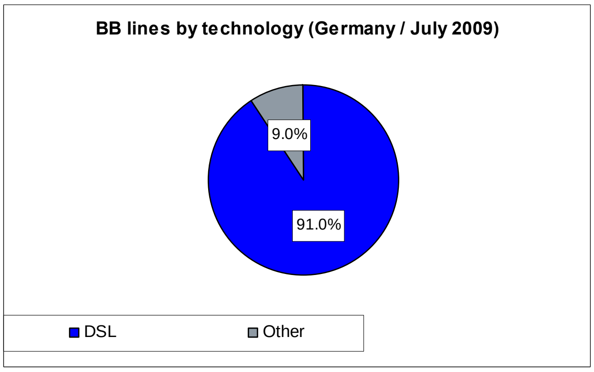
	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	0	44,000	0	3,000	0	0	0	47,000
July 2006	0	0	53,000	0	3,300	0	0	5,300	56,300
January 2007	0	0	56,400	0	2,900	0	0	8,500	59,300
July 2007	0	0	54,100	0	3,003	0	0	8,600	57,103
January 2008	0	0	0	0	2,500	0	0	8,100	2,500
July 2008	0	0	52,000	0	2,300	0	0	8,000	54,300
January 2009	0	0	28,000	0	7,000	0	0	8,000	35,000
July 2009	0	0	30,900	N/A	10,600	0	0	8,000	41,500

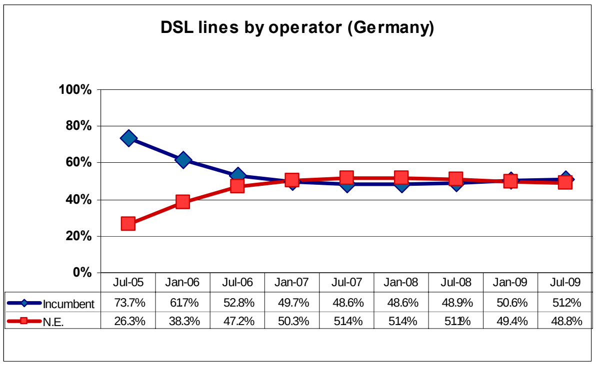
	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	240,000	0	0	54,000	9,600	0	0	303,600
July 2006	0	360,000	0	0	54,000	9,600	0	3,700	423,600
January 2007	0	490,000	0	0	53,400	9,500	0	100	552,900
July 2007	0	810,000	0	0	49,000	9,400	0	0	868,400
January 2008	0	985,000	0	0	34,000	9,500	0	0	1,028,500
July 2008	0	1,300,000	0	0	28,000	10,000	0	0	1,338,000
January 2009	0	1,600,000	27,000	0	24,000	10,000	0	0	1,661,000
July 2009	1,180	2,000,000	35,000	16,484	25,600	10,000	50,524	N/A	2,138,788

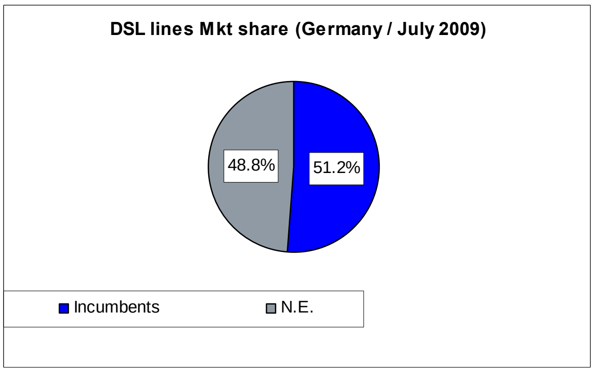
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	6,347,000	60.1%	4,211,100	39.9%	10,207,500	96.7%	350,600	3.3%	10,558,100
July 2006	6,456,300	51.2%	6,152,100	48.8%	12,128,500	96.2%	479,900	3.8%	12,608,400
January 2007	7,159,300	48.0%	7,742,900	52.0%	14,290,000	95.9%	612,200	4.1%	14,902,200
July 2007	8,067,103	46.4%	9,334,400	53.6%	16,476,000	94.7%	925,503	5.3%	17,401,503
January 2008	9,021,500	46.1%	10,557,500	53.9%	18,548,000	94.7%	1,031,000	5.3%	19,579,000
July 2008	9,954,300	46.0%	11,664,000	54.0%	20,226,000	93.6%	1,392,300	6.4%	21,618,300
January 2009	10,629,000	47.0%	11,989,000	53.0%	20,922,000	92.5%	1,696,000	7.5%	22,618,000
July 2009	11,270,500	46.8%	12,829,788	53.2%	21,920,000	91.0%	2,180,288	9.0%	24,100,288

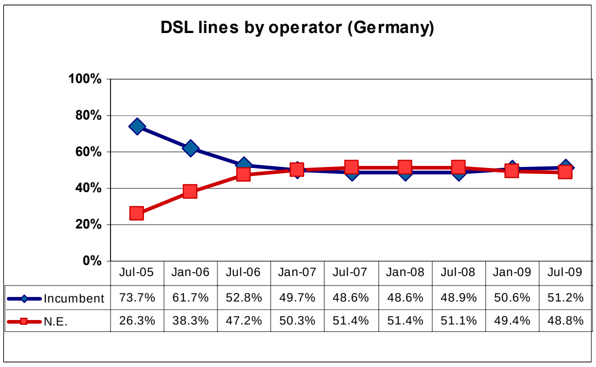


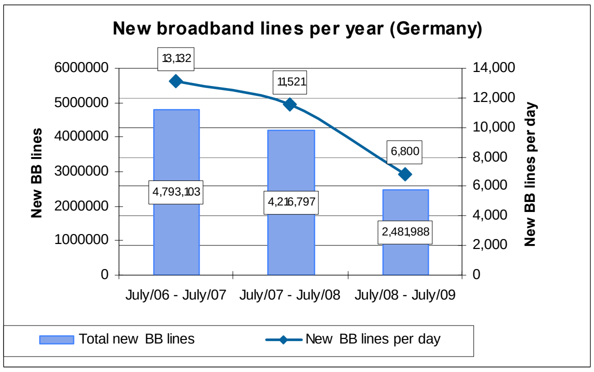


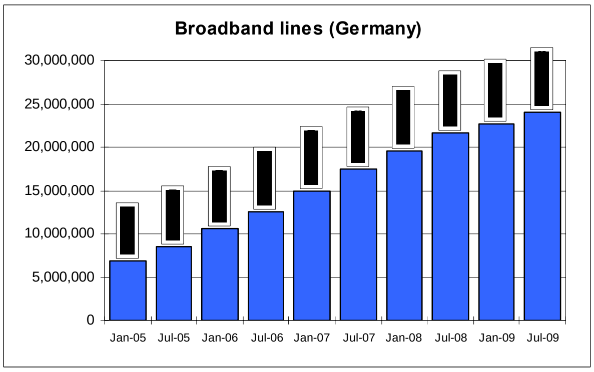








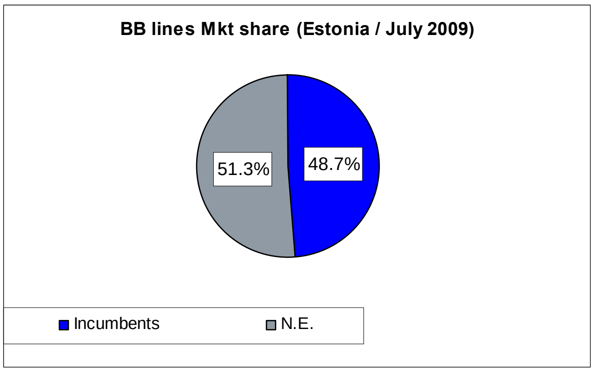


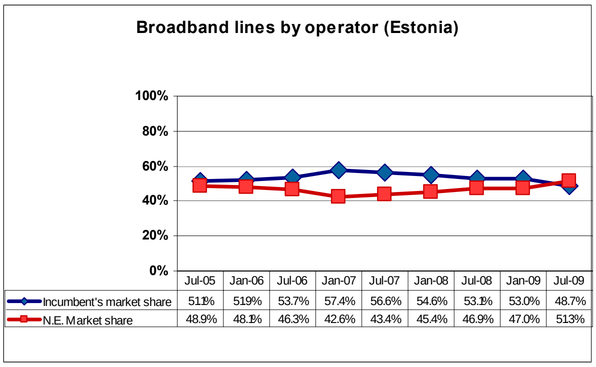


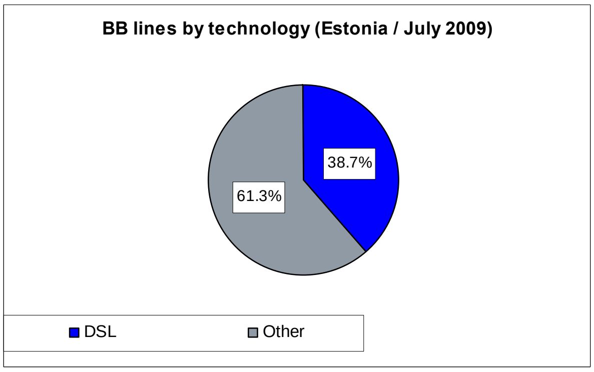
Estonia, July 2009

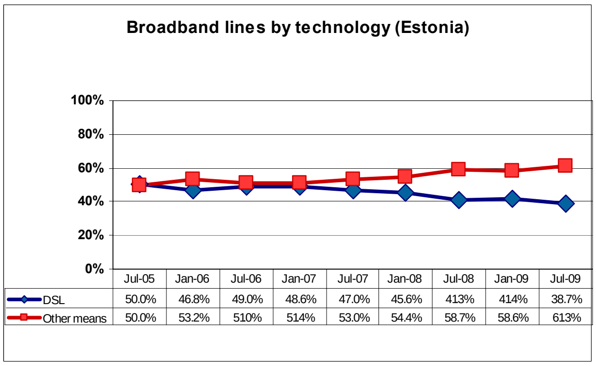
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	82,135	0	1,685	0	0	60	1,745	1,113	0	0	9,700	0	0	83	0	10,896	3,480	49,480	963	19,669	0	0	10,736	0	84,328
July 2006	103,649	3,358	2,100	0	0	50	5,508	1,256	0	0	13,680	0	0	1,256	107	16,192	6,268	53,088	0	22,035	0	0	16,247	735	97,638
January 2007	115,930	1,066	3,074	0	0	40	4,180	3,100	0	0	22,507	0	0	163	130	25,770	6,152	59,183	0	18,376	0	0	17,296	774	101,007
July 2007	121,588	1,711	2,988	0	0	40	4,739	4,952	0	0	25,018	0	0	428	150	30,398	7,930	63,915	0	22,717	0	0	17,299	965	111,861
January 2008	130,044	2,330	3,500	0	0	40	5,870	5,262	0	0	27,252	0	0	422	150	32,936	20,126	66,754	0	25,618	0	0	16,943	987	129,441
July 2008	124,276	1,590	5,029	0	0	40	6,659	5,601	0	0	37,928	0	0	509	160	44,038	25,681	74,532	0	26,465	0	0	15,318	1,022	141,996
January 2009	129,387	1,608	5,186	0	83	40	6,917	5,617	0	0	39,173	0	0	534	170	45,324	7,712	74,573	21,821	28,673	0	0	15,029	1,040	147,808
July 2009	129,221	1,710	5,589	0	98	20	7,417	6,305	0	0	35,802	0	0	575	401	42,682	30,237	73,115	21,821	31,617	0	0	16,629	757	173,419

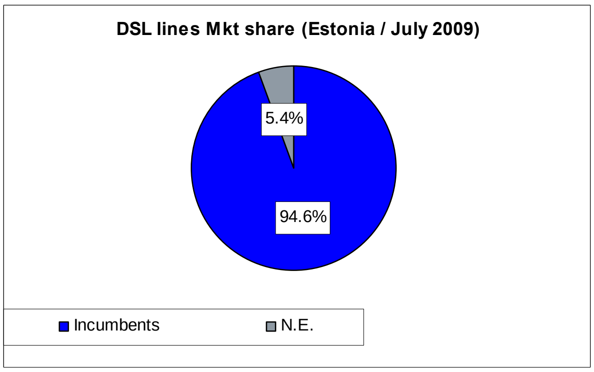
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	93,031	51.9%	86,073	48.1%	83,880	46.8%	95,224	53.2%	179,104
July 2006	119,841	53.7%	103,146	46.3%	109,157	49.0%	113,830	51.0%	222,987
January 2007	141,700	57.4%	105,187	42.6%	120,110	48.6%	126,777	51.4%	246,887
July 2007	151,986	56.6%	116,600	43.4%	126,327	47.0%	142,259	53.0%	268,586
January 2008	162,980	54.6%	135,311	45.4%	135,914	45.6%	162,377	54.4%	298,291
July 2008	168,314	53.1%	148,655	46.9%	130,935	41.3%	186,034	58.7%	316,969
January 2009	174,711	53.0%	154,725	47.0%	136,304	41.4%	193,132	58.6%	329,436
July 2009	171,903	48.7%	180,836	51.3%	136,638	38.7%	216,101	61.3%	352,739

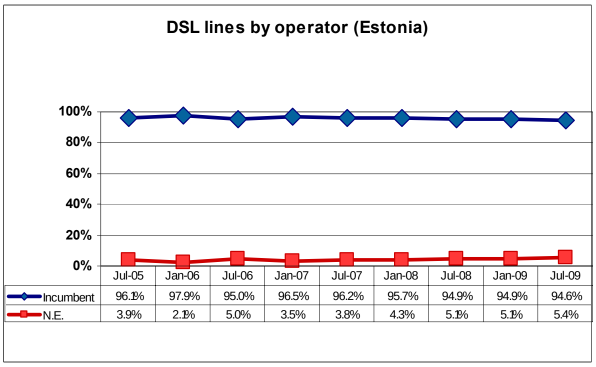


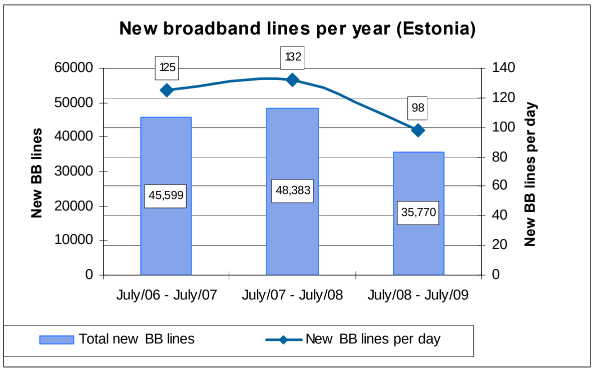


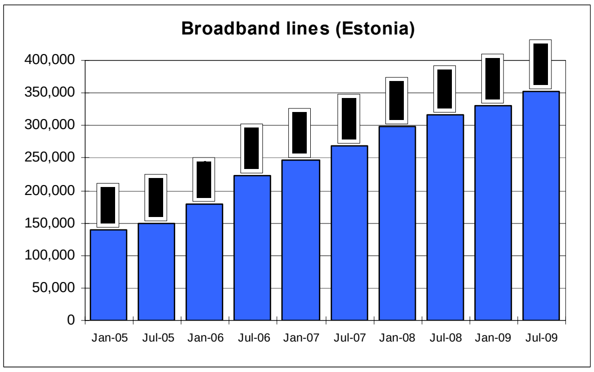












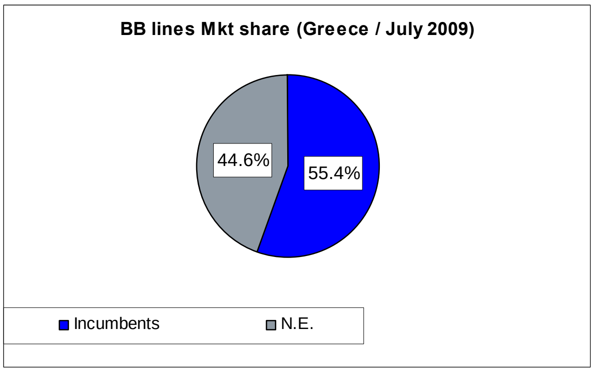
Greece, July 2009

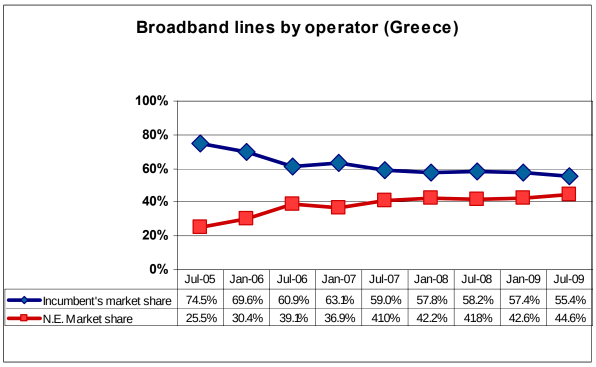
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines
January 2006	110,670	0	5,018	1,866	40,439	0	47,323
July 2006	179,829	0	6,836	4,144	103,217	0	114,197
January 2007	306,402	0	12,176	7,328	158,415	0	177,919
July 2007	447,394	0	80,056	15,322	214,240	0	309,618
January 2008	586,308	0	161,865	41,509	223,122	0	426,496
July 2008	722,693	0	302,917	53,440	161,098	0	517,455
January 2009	864,021	0	485,030	56,890	94,413	0	636,333
July 2009	970,153	n.a	654,993	55,133	65,621	n.a.	775,747

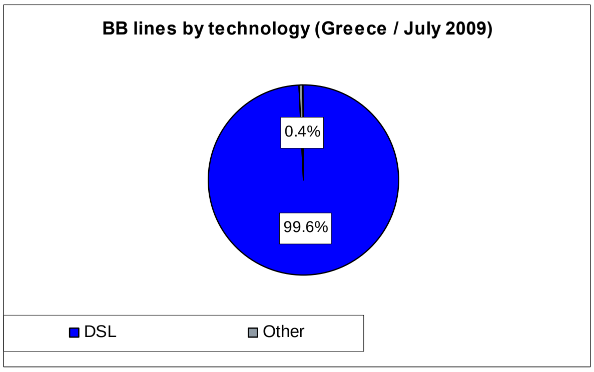
	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	0	760	0	0	0	0	0	760
July 2006	0	0	871	0	300	0	0	0	1,171
January 2007	0	0	1,064	0	350	0	0	14	1,414
July 2007	0	0	1,149	0	350	0	0	14	1,499
January 2008	0	0	1,355	0	350	0	0	14	1,705
July 2008	0	0	1,507	0	350	0	0	0	1,857
January 2009	0	0	0	0	386	0	0	0	386
July 2009	15	0	0	54	664	0	222	0	955

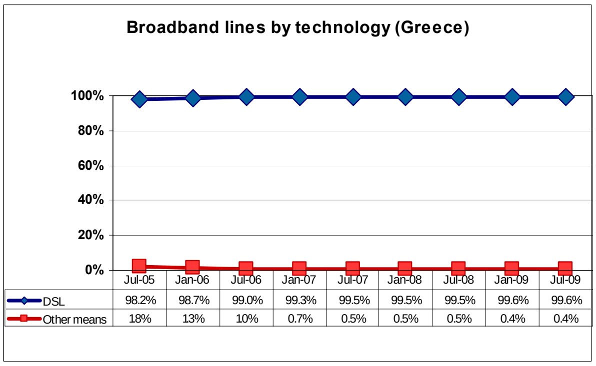
	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	419	0	721	220	0	0	0	0	1,360
July 2006	451	0	1,021	421	0	0	0	0	1,893
January 2007	643	0	1,036	475	0	0	0	0	2,154
July 2007	1,029	0	772	546	0	0	0	0	2,347
January 2008	1,231	0	1,141	594	0	0	0	252	2,966
July 2008	1,304	0	1,325	1,340	0	0	0	0	3,969
January 2009	1,001	0	2,857	2,016	0	0	0	0	5,874
July 2009	1,056	0	3,605	1,918	0	0	0	0	6,579

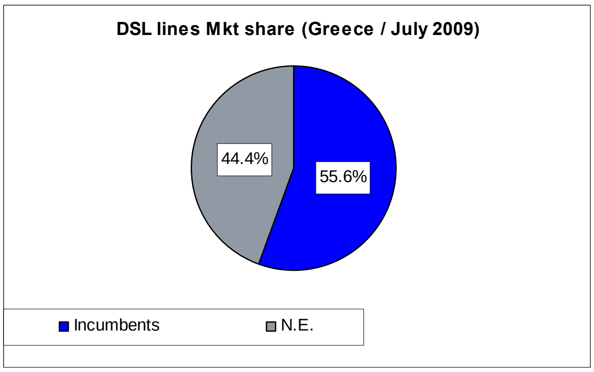
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	111,430	69.6%	48,683	30.4%	157,993	98.7%	2,120	1.3%	160,113
July 2006	181,000	60.9%	116,090	39.1%	294,026	99.0%	3,064	1.0%	297,090
January 2007	307,816	63.1%	180,073	36.9%	484,321	99.3%	3,568	0.7%	487,889
July 2007	448,893	59.0%	311,965	41.0%	757,012	99.5%	3,846	0.5%	760,858
January 2008	588,013	57.8%	429,462	42.2%	1,012,804	99.5%	4,671	0.5%	1,017,475
July 2008	724,550	58.2%	521,424	41.8%	1,240,148	99.5%	5,826	0.5%	1,245,974
January 2009	864,407	57.4%	642,207	42.6%	1,500,354	99.6%	6,260	0.4%	1,506,614
July 2009	971,108	55.4%	782,326	44.6%	1,745,900	99.6%	7,534	0.4%	1,753,434

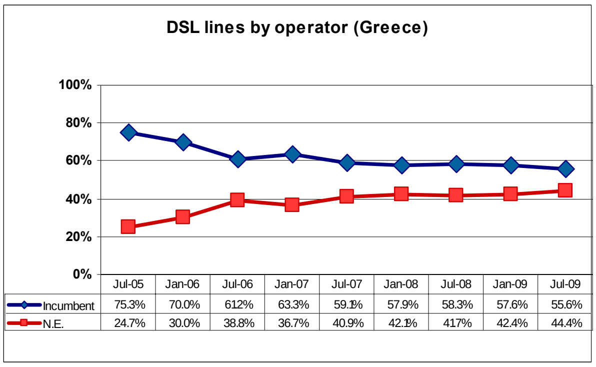


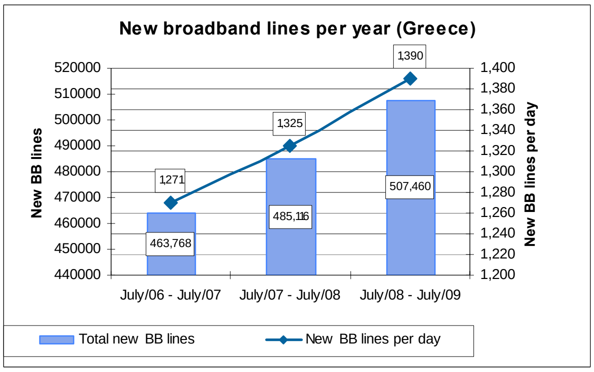


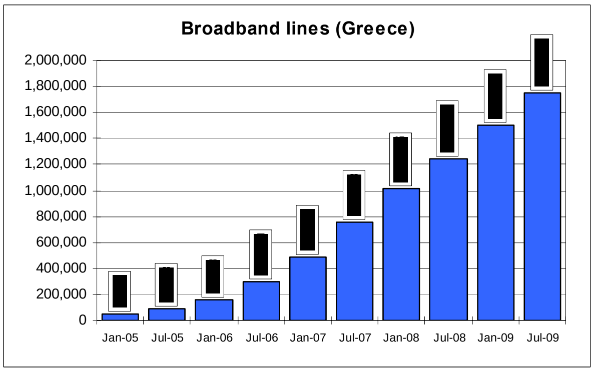








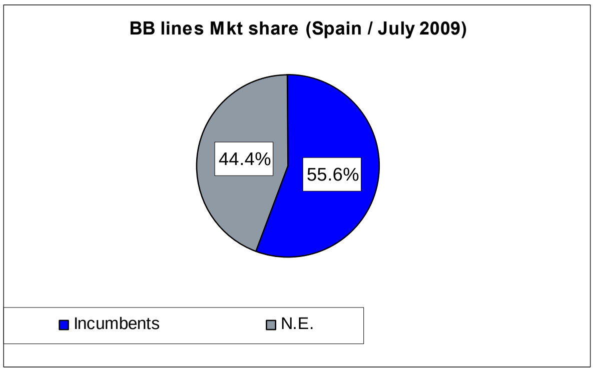


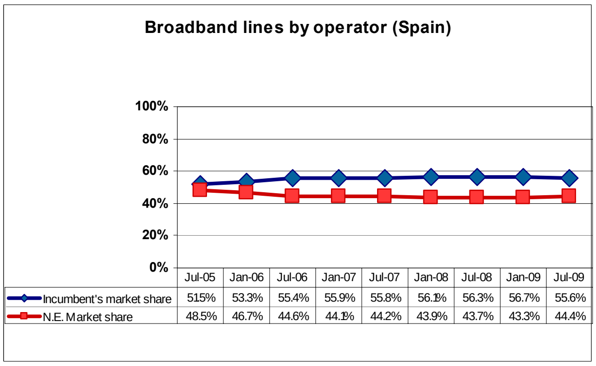


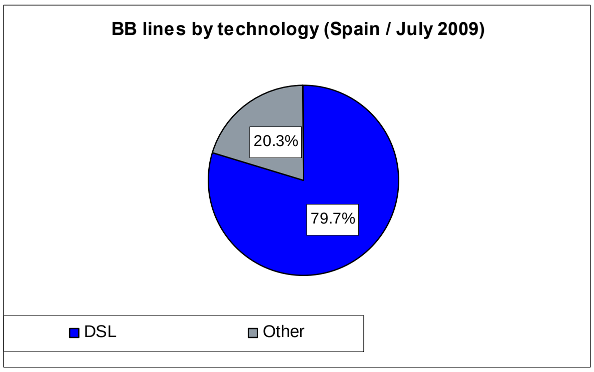
Spain, July 2009

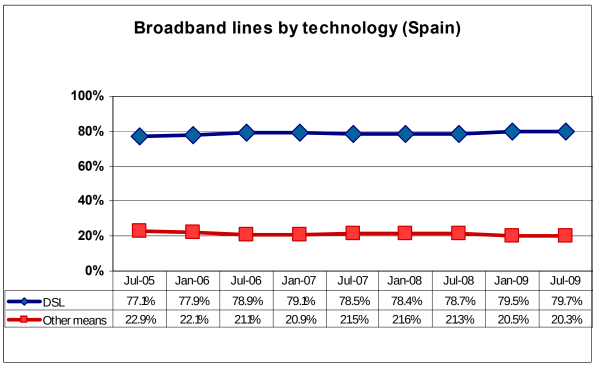
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	2,671,639	0	155,731	279,029	809,036	0	1,243,796	1,549	0	0	0	4,023	0	0	0	5,572	11,003	1,052,996	32,659	3,095	1,047	3,143	1,983	0	1,105,926
July 2006	3,198,979	0	292,262	386,034	436,584	247,848	1,362,728	0	0	0	0	3,683	0	0	2,002	3,683	31,468	1,163,058	12,515	4,536	1,168	4,118	2,609	45	1,219,472
January 2007	3,717,667	6,207	411,286	527,723	404,214	195,520	1,544,950	0	0	0	0	4,290	0	0	2,181	4,290	10,658	1,350,101	15,023	2,681	1,989	3,169	2,137	35	1,385,758
July 2007	4,171,364	0	505,249	664,460	373,712	156,734	1,700,155	0	0	0	0	4,922	0	0	0	4,922	12,246	1,562,514	17,743	5,336	843	1,600	3,619	0	1,603,901
January 2008	4,540,741	0	568,285	785,663	372,930	126,333	1,853,211	0	0	0	22,763	9,753	0	0	0	32,516	51,907	1,633,489	36,189	5,294	747	0	927	0	1,728,553
July 2008	4,922,301	0	680,868	852,369	365,501	101,738	2,000,476	1,440	0	0	23,577	4,945	0	0	0	29,962	62,311	1,735,146	36,435	2,493	856	0	3,537	0	1,840,778
January 2009	5,156,701	0	835,831	862,418	345,226	82,752	2,126,227	0	0	0	23,611	10,114	0	0	0	33,725	55,359	1,775,842	5,467	2,590	1,058	0	496	0	1,840,812
July 2009	5,236,275	0	1,406,755	546,339	316,948	47,393	2,317,435	n.a	n.a	n.a	24,315	11,055	n.a	n.a	n.a	35,370	57,572	1,821,993	4,958	2,411	1,383	n.a	504	n.a	1,888,821

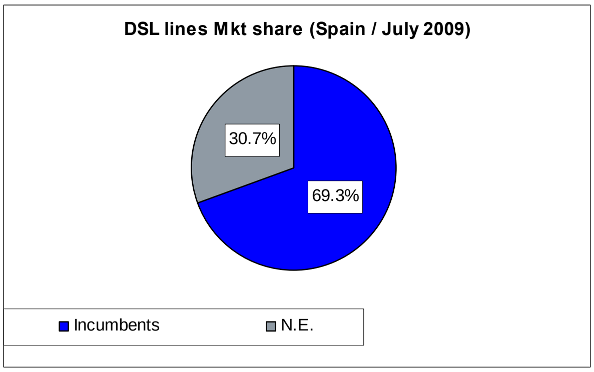
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	2,677,211	53.3%	2,349,722	46.7%	3,915,435	77.9%	1,111,498	22.1%	5,026,933
July 2006	3,202,662	55.4%	2,582,200	44.6%	4,561,707	78.9%	1,223,155	21.1%	5,784,862
January 2007	3,721,957	55.9%	2,930,708	44.1%	5,262,617	79.1%	1,390,048	20.9%	6,652,665
July 2007	4,176,286	55.8%	3,304,056	44.2%	5,871,519	78.5%	1,608,823	21.5%	7,480,342
January 2008	4,573,257	56.1%	3,581,764	43.9%	6,393,952	78.4%	1,761,069	21.6%	8,155,021
July 2008	4,952,263	56.3%	3,841,254	43.7%	6,922,777	78.7%	1,870,740	21.3%	8,793,517
January 2009	5,190,426	56.7%	3,967,039	43.3%	7,282,928	79.5%	1,874,537	20.5%	9,157,465
July 2009	5,271,645	55.6%	4,206,256	44.4%	7,553,710	79.7%	1,924,191	20.3%	9,477,901

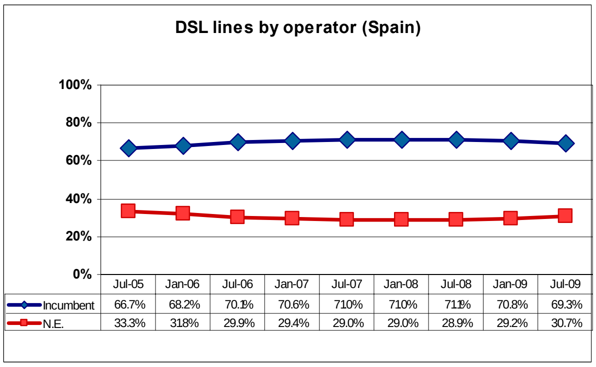


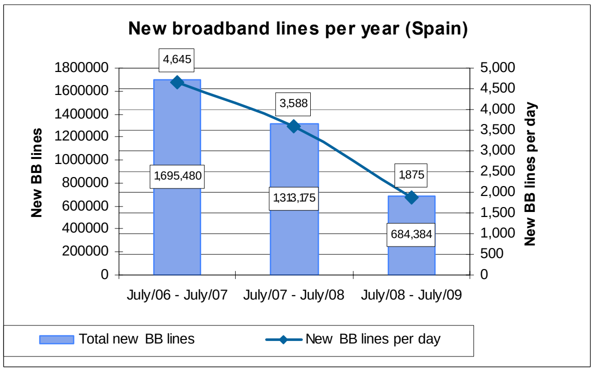


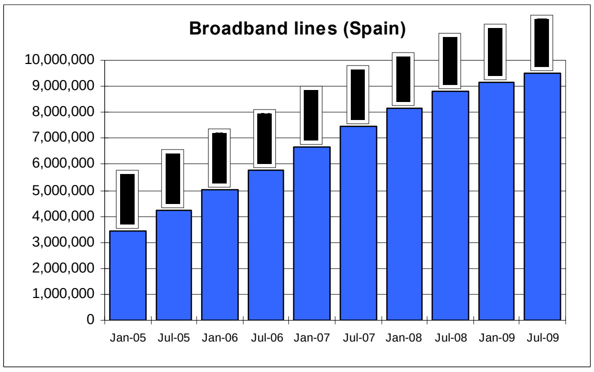










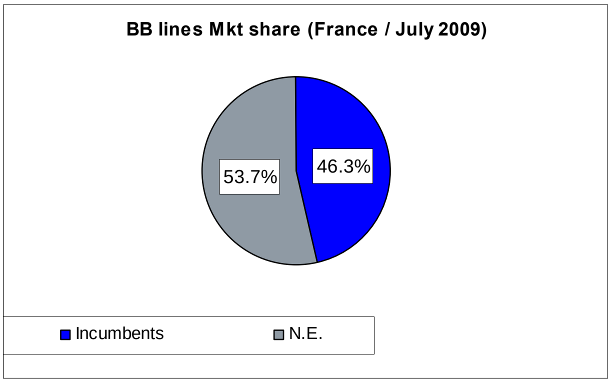


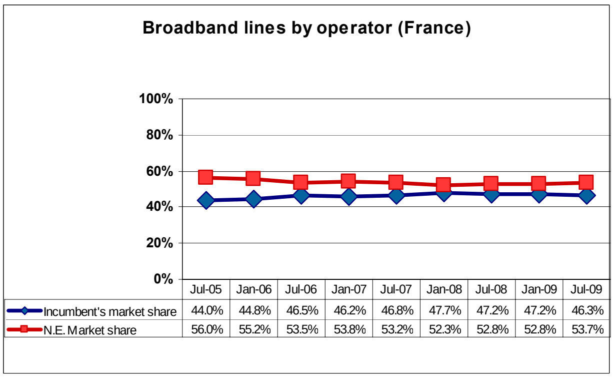
France, July 2009

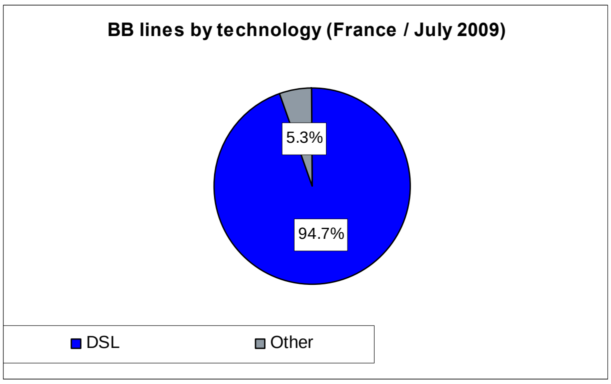
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	4,456,535	0	597,857	2,229,031	1,939,928	167,210	4,934,026	0	0	0	0	0	0	0	0	0
July 2006	5,248,636	0	1,242,964	2,108,135	1,672,096	425,712	5,448,907	0	0	0	0	0	0	0	0	0
January 2007	5,915,694	0	2,109,267	1,810,058	1,998,528	322,617	6,240,470	0	0	0	0	0	0	0	0	0
July 2007	6,608,116	0	2,864,953	1,682,333	2,042,987	218,847	6,809,120	0	0	0	0	0	0	0	0	0
January 2008	7,490,000	0	3,624,000	1,563,000	2,214,000	86,000	7,487,000	0	0	0	0	0	0	0	0	0
July 2008	7,840,148	0	4,267,736	1,451,089	2,211,492	96,996	8,027,313	0	0	0	0	0	0	0	0	0
January 2009	8,325,505	0	4,938,531	1,392,973	2,102,515	93,984	8,528,003	0	0	0	14,500	0	0	0	0	14,500
July 2009	8,638,952	0	5,663,874	1,322,385	2,138,000	0	9,124,259	0	0	0	confidential	0	0	0	0	30,000

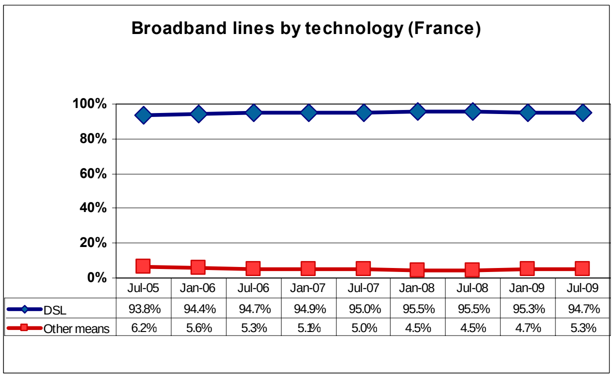
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	560,000	0	0	0	0	0	0	560,000
July 2006	0	600,000	0	0	0	0	0	0	600,000
January 2007	0	660,000	0	0	0	0	0	0	660,000
July 2007	0	700,000	0	0	0	0	0	0	700,000
January 2008	0	710,000	0	0	0	0	0	0	710,000
July 2008	0	750,000	0	0	0	0	0	0	750,000
January 2009	0	800,000	0	20,000	0	0	0	0	820,000
July 2009	0	950,000	0	confidential	0	0	0	0	970,000

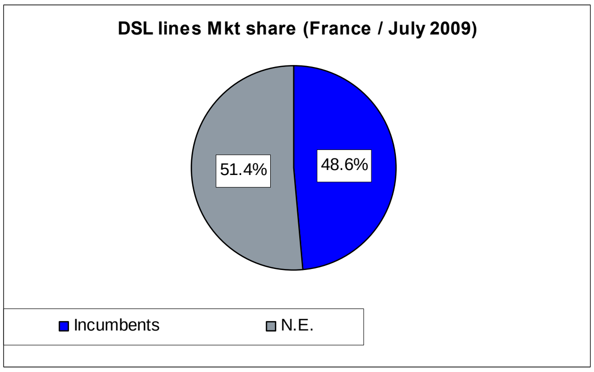
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	4,456,535	44.8%	5,494,026	55.2%	9,390,561	94.4%	560,000	5.6%	9,950,561
July 2006	5,248,636	46.5%	6,048,907	53.5%	10,697,543	94.7%	600,000	5.3%	11,297,543
January 2007	5,915,694	46.2%	6,900,470	53.8%	12,156,164	94.9%	660,000	5.1%	12,816,164
July 2007	6,608,116	46.8%	7,509,120	53.2%	13,417,236	95.0%	700,000	5.0%	14,117,236
January 2008	7,490,000	47.7%	8,197,000	52.3%	14,977,000	95.5%	710,000	4.5%	15,687,000
July 2008	7,840,148	47.2%	8,777,313	52.8%	15,867,461	95.5%	750,000	4.5%	16,617,461
January 2009	8,340,005	47.2%	9,348,003	52.8%	16,853,508	95.3%	834,500	4.7%	17,688,008
July 2009	8,688,952	46.3%	10,074,259	53.7%	17,763,211	94.7%	1,000,000	5.3%	18,763,211

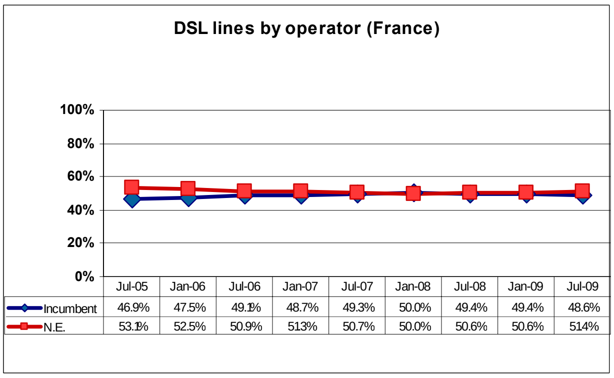


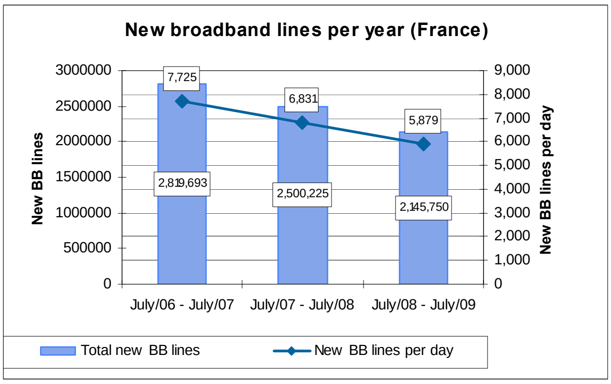


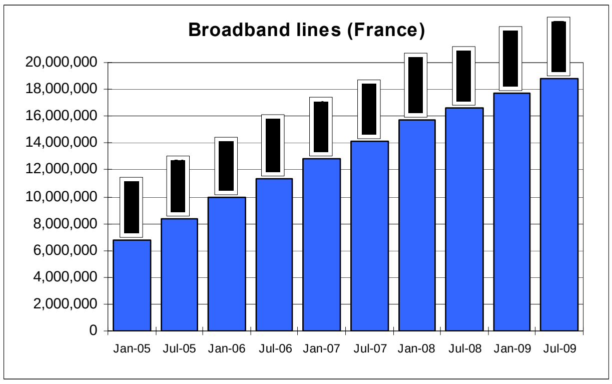








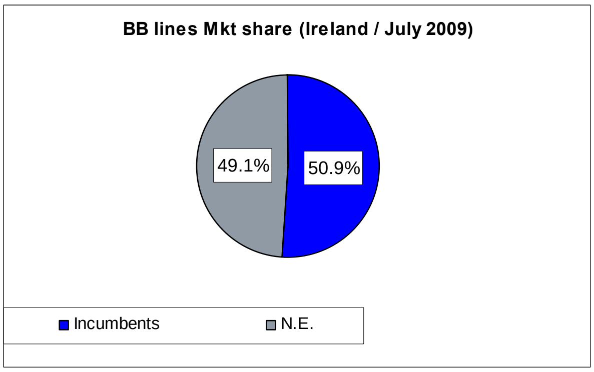


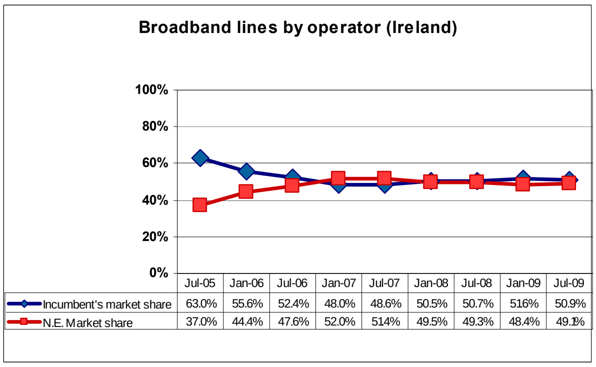


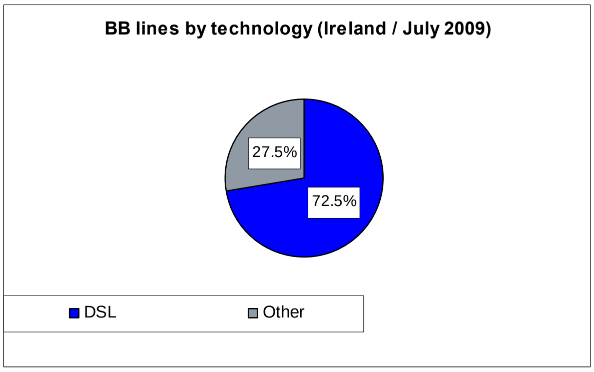
Ireland, July 2009

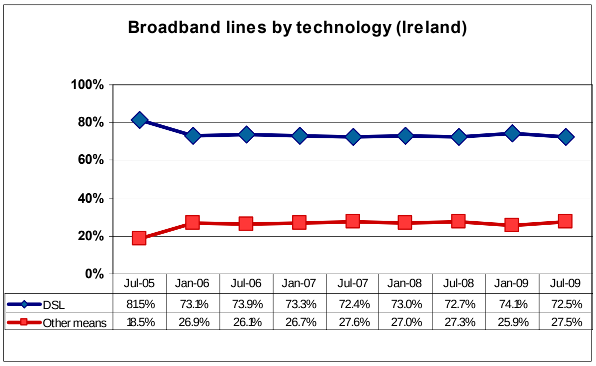
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	151,555	0	3,494	1,484	45,757	0	50,735	0	0	2,340	0	0	0	0	0	2,340	40,000	25,000	3,830	0	2,950	0	450	0	72,230
July 2006	194,888	0	13,749	1,211	65,324	0	80,284	0	0	0	0	0	0	0	0	0	52,500	39,900	0	4,600	0	0	0	0	97,000
January 2007	248,403	0	18,488	1,040	111,193	0	130,721	0	0	0	0	0	0	0	0	0	75,200	56,000	0	7,000	0	0	0	0	138,200
July 2007	317,556	0	17,512	1,092	136,372	0	154,976	0	0	0	0	0	0	0	0	0	102,500	68,900	0	8,900	0	0	0	1,214	180,300
January 2008	379,189	0	16,261	1,657	152,484	0	170,402	295	0	0	0	386	0	0	0	681	112,718	82,333	0	3,967	3,566	0	0	0	202,584
July 2008	421,739	0	16,549	3,019	170,287	0	189,855	337	0	4,012	0	263	0	0	938	4,612	119,964	91,462	4,988	5,811	3,159	0	0	292	225,384
January 2009	454,989	0	17,284	5,369	182,384	0	205,037	321	0	4,012	0	147	0	0	1,055	4,480	114,012	96,678	4,988	6,277	2,730	0	1,180	310	225,865
July 2009	476,731	0	17,124	6,506	187,509	0	211,139	287	0	6,073	0	113	0	0	831	6,473	112,659	124,309	8,130	6,538	2,835	0	0	369	254,471

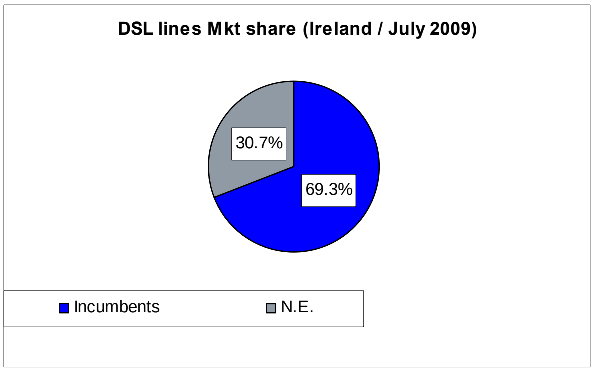
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	153,895	55.6%	122,965	44.4%	202,290	73.1%	74,570	26.9%	276,860
July 2006	194,888	52.4%	177,284	47.6%	275,172	73.9%	97,000	26.1%	372,172
January 2007	248,403	48.0%	268,921	52.0%	379,124	73.3%	138,200	26.7%	517,324
July 2007	317,556	48.6%	335,276	51.4%	472,532	72.4%	180,300	27.6%	652,832
January 2008	379,870	50.5%	372,986	49.5%	549,591	73.0%	203,265	27.0%	752,856
July 2008	426,351	50.7%	415,239	49.3%	611,594	72.7%	229,996	27.3%	841,590
January 2009	459,469	51.6%	430,902	48.4%	660,026	74.1%	230,345	25.9%	890,371
July 2009	483,204	50.9%	465,610	49.1%	687,870	72.5%	260,944	27.5%	948,814

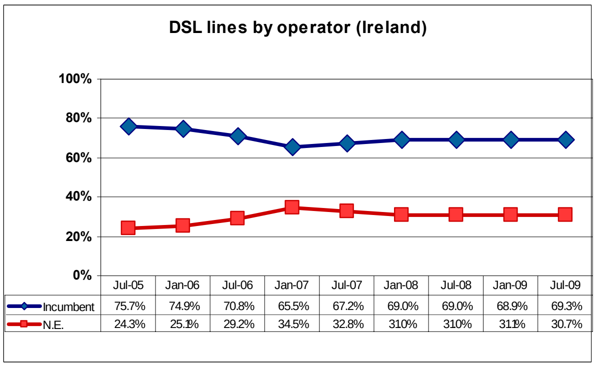


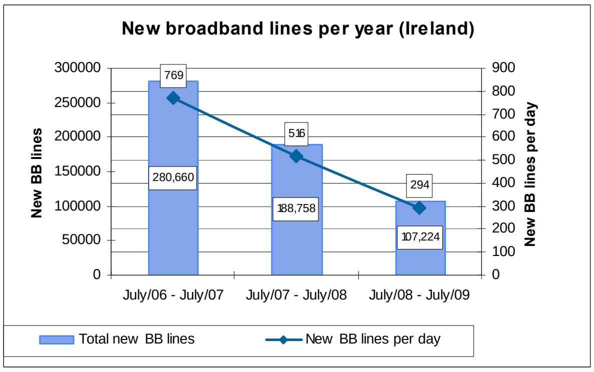


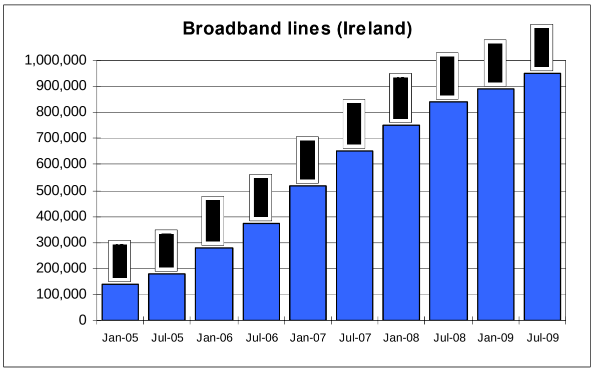










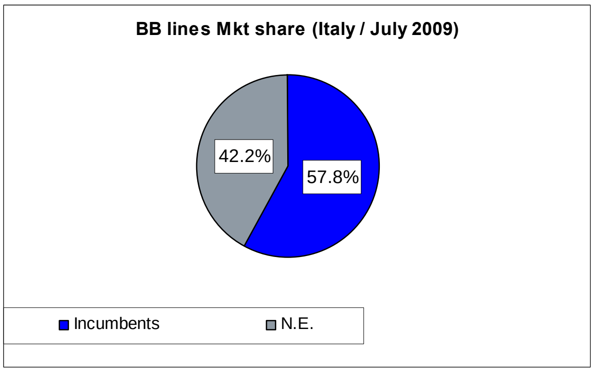


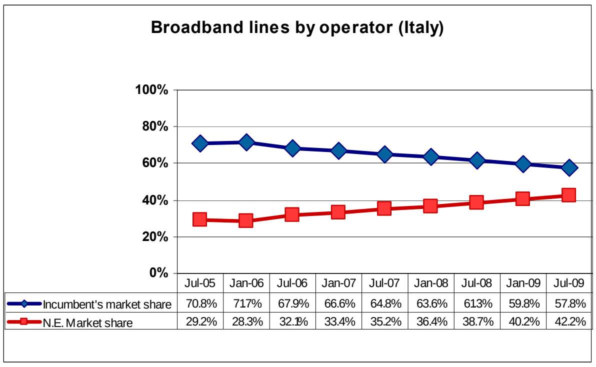
Italy, July 2009

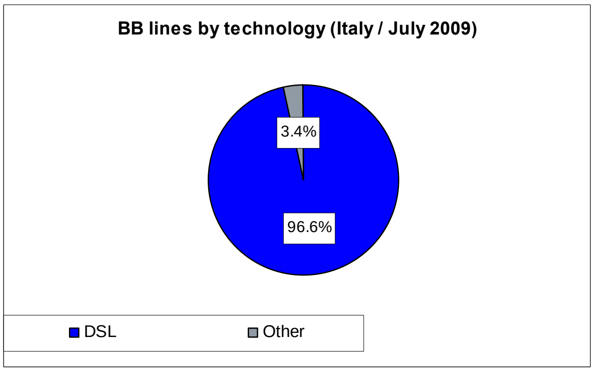
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	4,901,000	0	669,706	145,812	838,591	1,539	1,655,648	0	0	505	152	41,426	0	218	0	42,301
July 2006	5,195,000	301	886,682	276,230	1,004,571	572	2,168,356	0	0	437	194	28,211	0	190	780	29,032
January 2007	5,639,000	349	1,060,170	381,893	1,073,327	772	2,516,511	0	0	392	244	23,191	0	182	1,488	24,009
July 2007	6,073,000	415	1,390,497	461,435	1,125,735	951	2,979,033	0	0	334	285	18,136	0	206	1,377	18,961
January 2008	6,420,000	626	1,751,327	417,000	1,163,010	2,717	3,334,680	0	0	329	335	13,873	0	219	0	14,756
July 2008	6,563,999	784	2,163,337	380,000	1,228,000	2,852	3,774,973	0	0	284	387	9,553	0	236	0	10,460
January 2009	6,754,000	763	2,563,439	202,000	1,380,000	2,790	4,148,992	0	0	268	506	7,294	0	424	4,844	8,492
July 2009	6,859,166	1,289	2,854,747	179,966	1,584,000	2,820	4,622,822	0	0	250	633	5,519	0	413	4,438	6,815

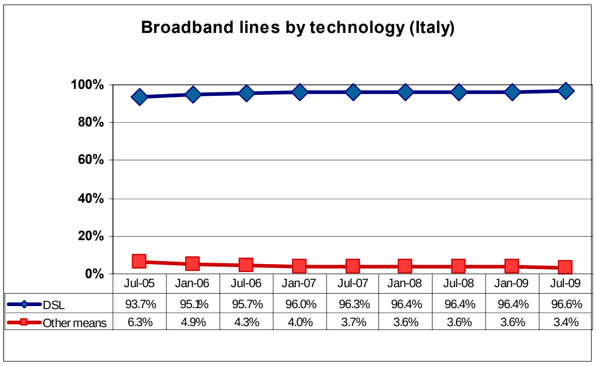
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	831	20	4,067	205,827	87,000	0	2	0	297,747
July 2006	1,104	0	0	209,735	83,000	0	4,276	143	298,115
January 2007	1,395	20	4,892	228,588	83,000	0	7	500	317,902
July 2007	1,584	20	5,239	247,343	77,000	0	0	623	331,186
January 2008	1,980	0	8,455	267,249	75,003	3	0	0	352,690
July 2008	2,780	0	6,178	293,201	74,005	4	2,051	0	378,219
January 2009	3,200	0	5,400	308,133	74,009	0	2,296	0	393,038
July 2009	1,897	0	4,507	320,412	70,005	5	2,445	n.d.	399,271

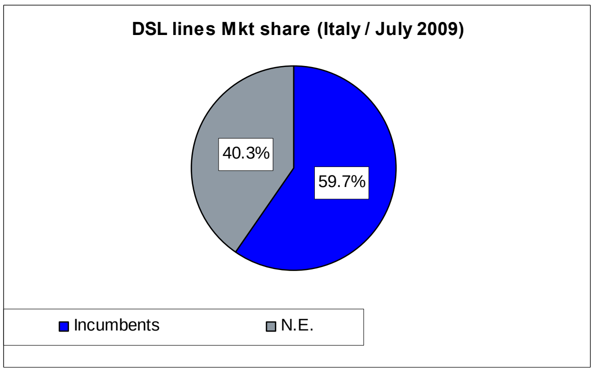
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	4,943,301	71.7%	1,953,395	28.3%	6,556,648	95.1%	340,048	4.9%	6,896,696
July 2006	5,224,032	67.9%	2,466,471	32.1%	7,363,356	95.7%	327,147	4.3%	7,690,503
January 2007	5,663,009	66.6%	2,834,413	33.4%	8,155,511	96.0%	341,911	4.0%	8,497,422
July 2007	6,091,961	64.8%	3,310,219	35.2%	9,052,033	96.3%	350,147	3.7%	9,402,180
January 2008	6,434,756	63.6%	3,687,370	36.4%	9,754,680	96.4%	367,446	3.6%	10,122,126
July 2008	6,574,459	61.3%	4,153,192	38.7%	10,338,972	96.4%	388,679	3.6%	10,727,651
January 2009	6,762,492	59.8%	4,542,030	40.2%	10,902,992	96.4%	401,530	3.6%	11,304,522
July 2009	6,865,981	57.8%	5,022,093	42.2%	11,481,988	96.6%	406,086	3.4%	11,888,074

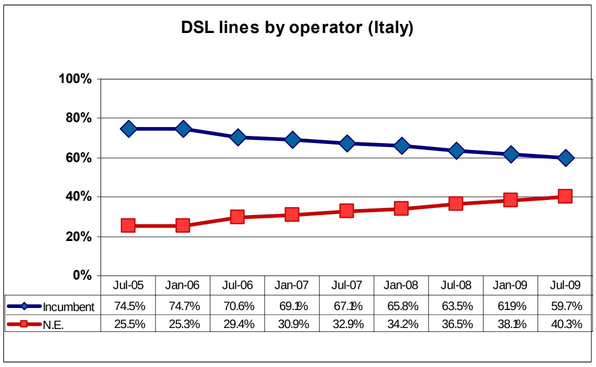


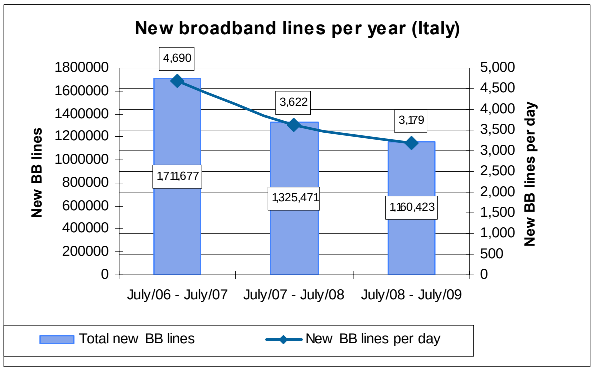


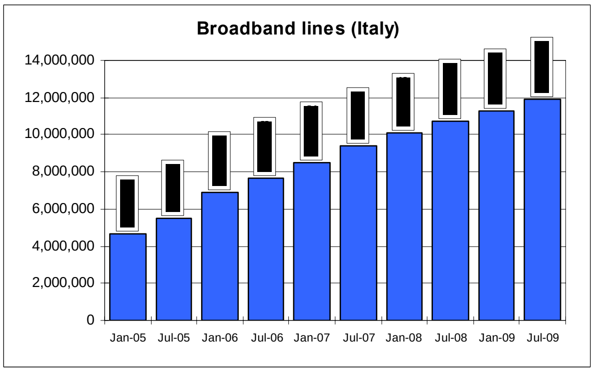








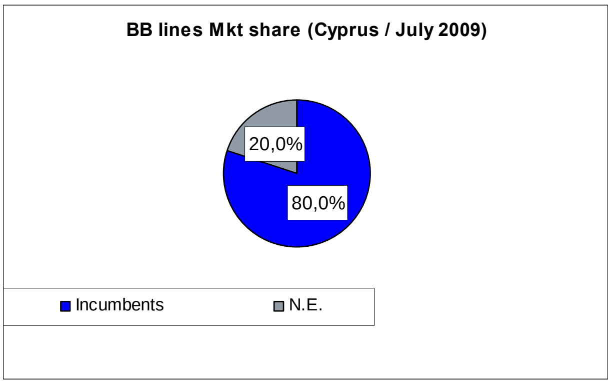


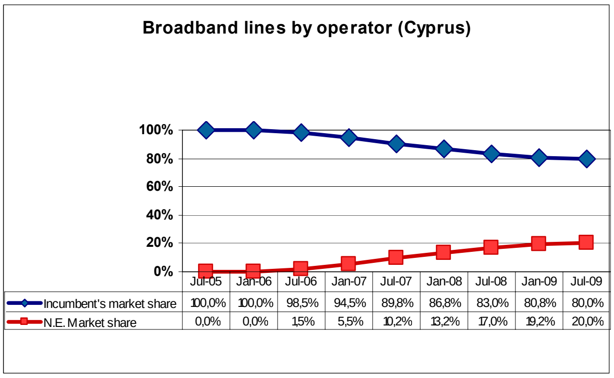


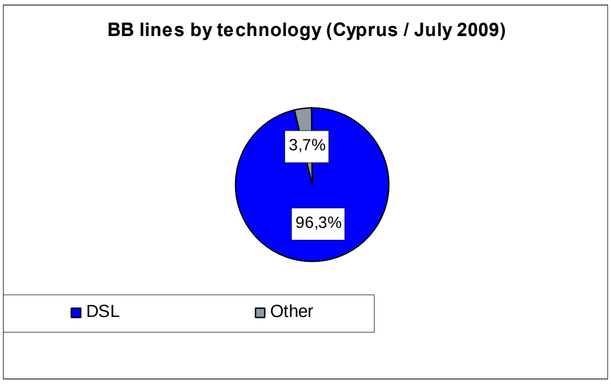
Cyprus, July 2009

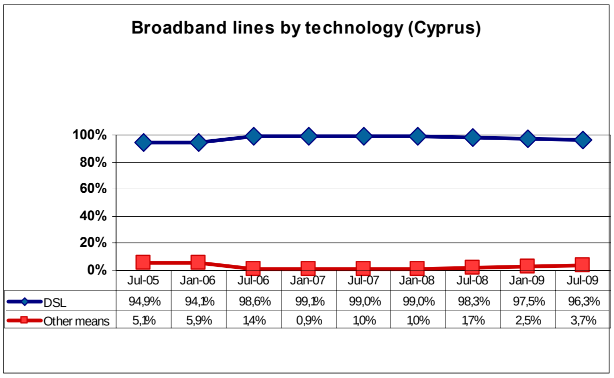
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	44.322	0	0	0	0	0	0	0	0	2.511	0	0	0	257	0	2.768	0	0	0	0	0	0	0	0	0
July 2006	49.538	0	335	0	0	0	335	0	0	272	0	0	0	16	8	288	0	323	60	0	20	0	2	5	405
January 2007	63.988	0	3.374	16	0	0	3.390	0	0	273	0	0	0	22	45	295	0	305	33	0	0	0	3	8	341
July 2007	77.174	0	8.077	114	0	0	8.191	0	0	273	0	0	0	39	72	312	0	545	35	0	0	0	3	20	583
January 2008	94.163	0	13.350	215	0	0	13.565	0	0	273	0	11	0	39	53	323	0	718	0	0	36	0	0	20	754
July 2008	102.884	0	18.915	330	0	0	19.245	0	0	273	0	18	0	0	56	291	0	1.837	0	0	6	0	0	20	1.843
January 2009	115.629	0	23.537	327	197	0	24.061	0	0	124	0	21	0	0	66	145	20	3.313	37	0	97	0	0	0	3.467
July 2009	133.247	0	26.571	281	355	0	27.207	0	0	157	0	21	0	0	81	178	0	5.171	0	0	291	0	587	0	6.049

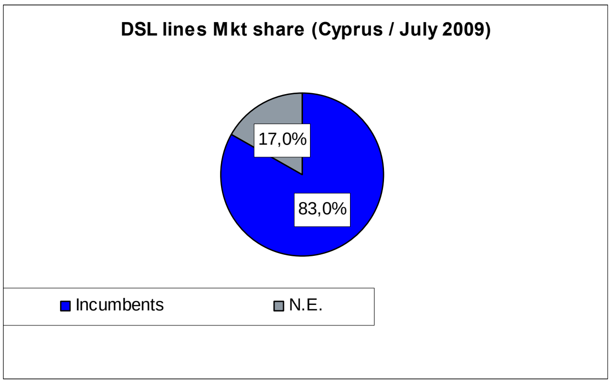
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	47.090	100,0%	0	0,0%	44.322	94,1%	2.768	5,9%	47.090
July 2006	49.826	98,5%	740	1,5%	49.873	98,6%	693	1,4%	50.566
January 2007	64.283	94,5%	3.731	5,5%	67.378	99,1%	636	0,9%	68.014
July 2007	77.486	89,8%	8.774	10,2%	85.365	99,0%	895	1,0%	86.260
January 2008	94.486	86,8%	14.319	13,2%	107.728	99,0%	1.077	1,0%	108.805
July 2008	103.175	83,0%	21.088	17,0%	122.129	98,3%	2.134	1,7%	124.263
January 2009	115.774	80,8%	27.528	19,2%	139.690	97,5%	3.612	2,5%	143.302
July 2009	133.425	80,0%	33.256	20,0%	160.454	96,3%	6.227	3,7%	166.681

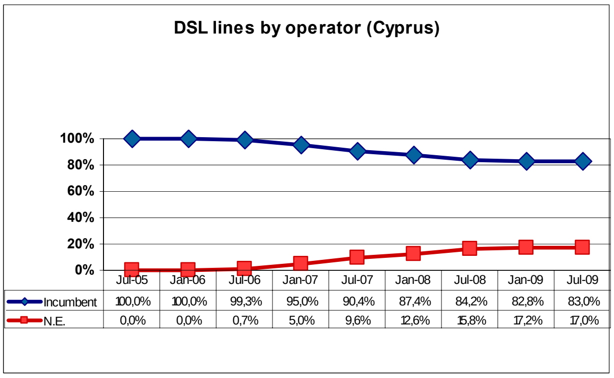


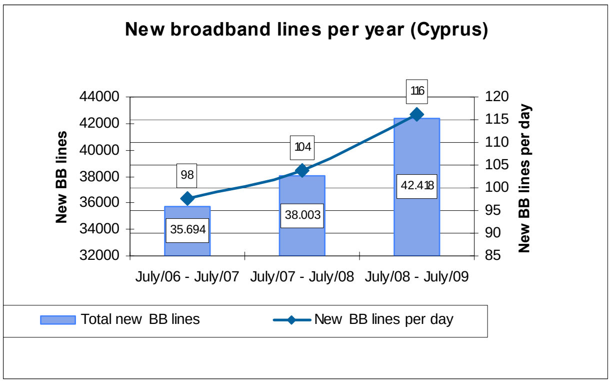


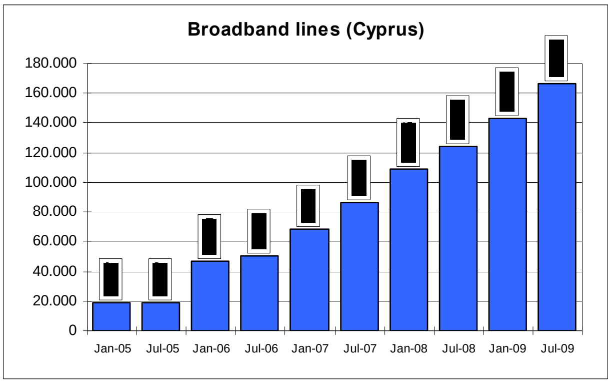








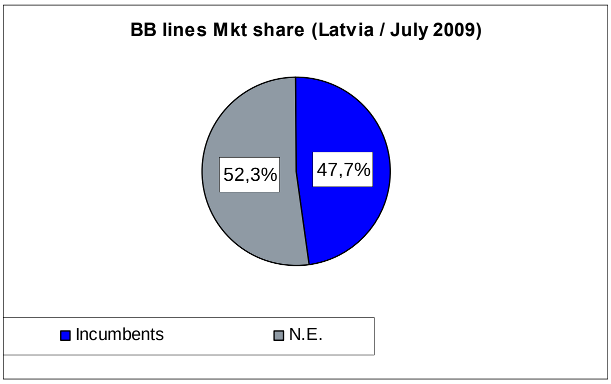


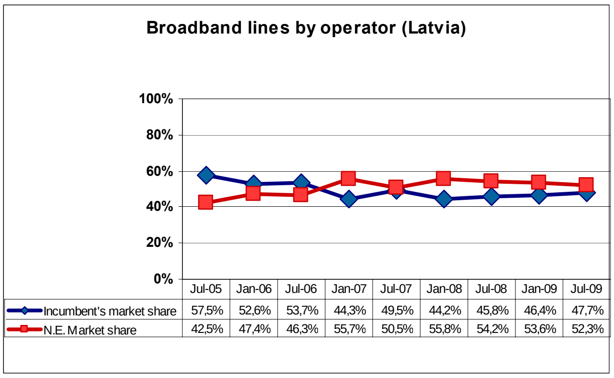


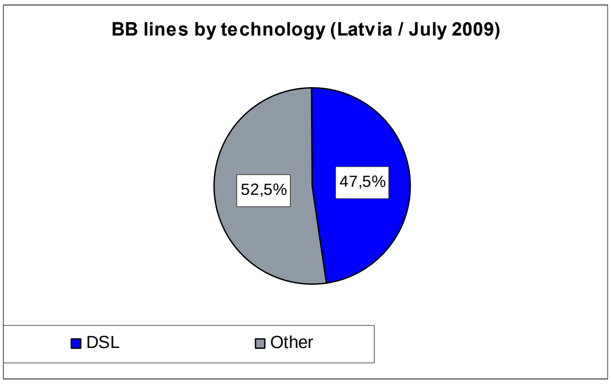
Latvia, July 2009

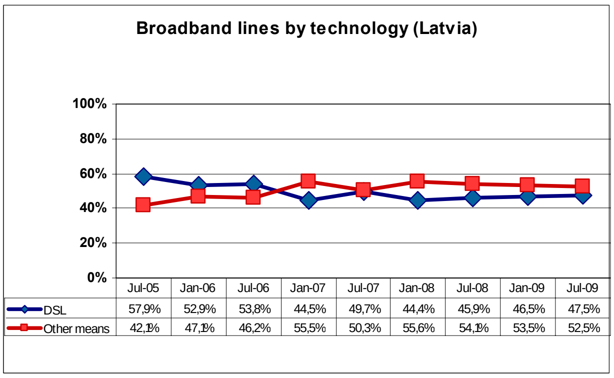
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	68.771	0	99	1	290	303	693	292	0	0	0	0	0	0	0	292	4.331	16.015	6.990	980	0	44	33.213	0	61.573
July 2006	83.307	0	106	10	125	259	500	299	0	0	0	0	0	0	0	299	5.530	21.003	4.979	2.604	225	1.208	36.083	0	71.632
January 2007	106.585	0	212	10	142	524	888	234	0	0	0	0	0	165	0	399	11.398	38.504	18.405	6.813	496	1.236	56.826	0	133.678
July 2007	130.038	0	300	10	137	539	986	256	0	0	26	0	0	179	0	461	10.034	34.344	19.161	4.180	8	0	64.390	0	132.117
January 2008	151.076	0	512	14	57	668	1.251	161	0	0	32	0	0	264	0	457	16.798	38.090	15.672	8.742	510	0	110.480	0	190.292
July 2008	169.397	0	471	11	46	347	875	123	0	0	82	0	0	304	0	509	13.273	35.937	9.399	8.204	463	0	132.715	0	199.991
January 2009	183.164	0	268	8	45	556	877	102	0	0	152	0	0	378	0	632	14.383	37.217	8.275	7.446	329	16	143.557	0	211.223
July 2009	186.891		163	8	39	471	681	49	0	0	966	0	0	493	0	1.508	16.876	28.796	6.368	6.547	463	20	146.823	0	205.893

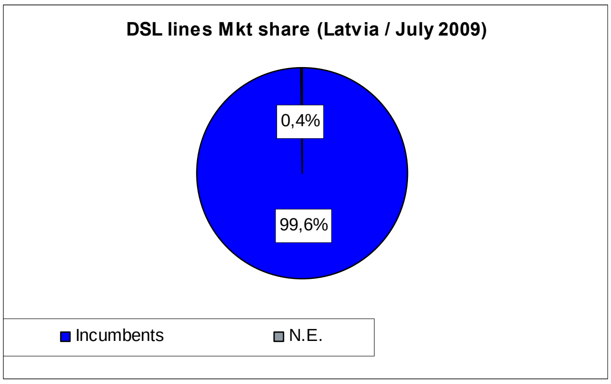
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	69.063	52,6%	62.266	47,4%	69.464	52,9%	61.865	47,1%	131.329
July 2006	83.606	53,7%	72.132	46,3%	83.807	53,8%	71.931	46,2%	155.738
January 2007	106.984	44,3%	134.566	55,7%	107.473	44,5%	134.077	55,5%	241.550
July 2007	130.499	49,5%	133.103	50,5%	131.024	49,7%	132.578	50,3%	263.602
January 2008	151.533	44,2%	191.543	55,8%	152.327	44,4%	190.749	55,6%	343.076
July 2008	169.906	45,8%	200.866	54,2%	170.272	45,9%	200.500	54,1%	370.772
January 2009	183.796	46,4%	212.100	53,6%	184.041	46,5%	211.855	53,5%	395.896
July 2009	188.399	47,7%	206.574	52,3%	187.572	47,5%	207.401	52,5%	394.973

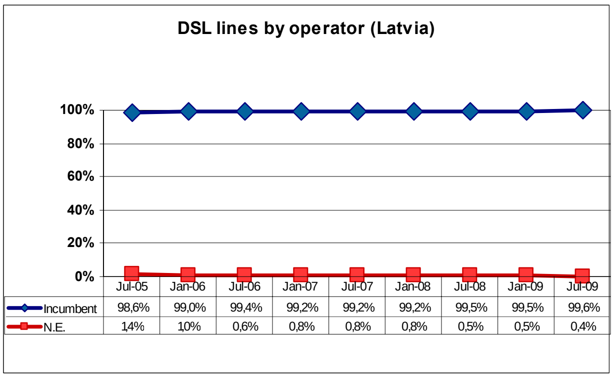


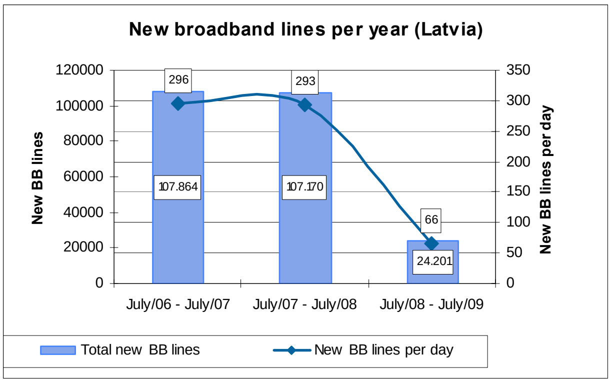


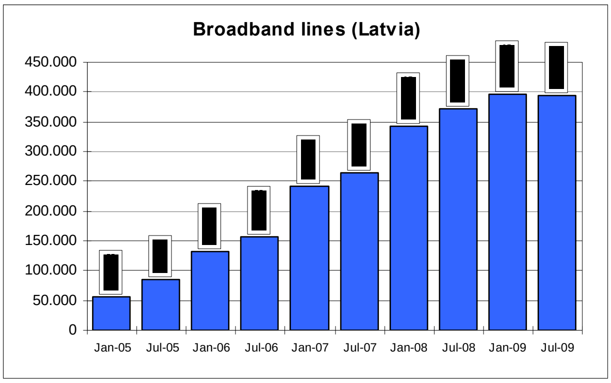










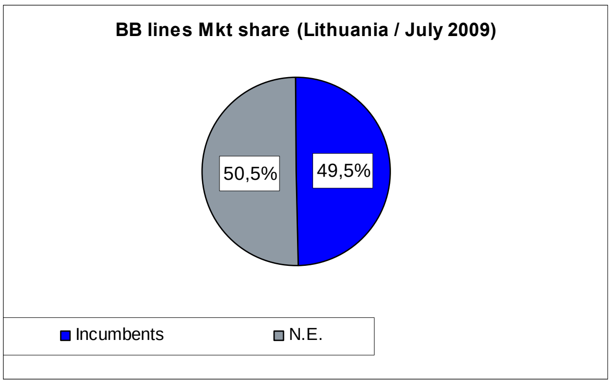


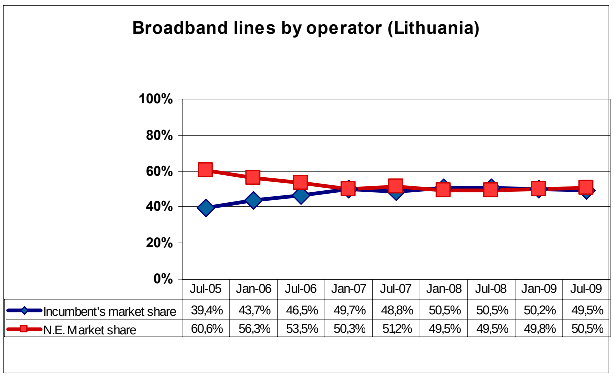
Lithuania, July 2009

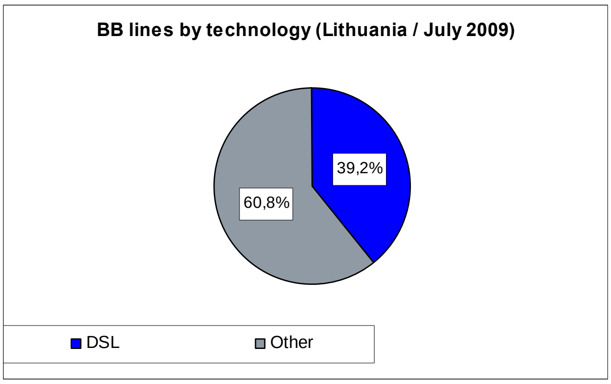
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	102.117	0	0	0	2.681	0	2.681	0	0	163	78	0	0	0	287	241
July 2006	131.408	0	0	0	2.472	0	2.472	0	0	117	50	0	0	1.394	477	1.561
January 2007	176.147	0	0	0	2.155	0	2.155	0	0	102	65	0	0	2.472	804	2.639
July 2007	203.959	0	0	0	2.314	0	2.314	2.551	0	91	99	0	0	3.824	2.551	6.565
January 2008	229.145	0	0	0	2.363	0	2.363	19.612	0	80	1.782	0	0	5.778	3.182	27.252
July 2008	241.906	0	0	0	2.322	0	2.322	20.229	0	73	13.381	0	0	0	3.761	33.683
January 2009	252.000	0	10	0	2.282	0	2.292	21.400	0	70	21.950	0	0	0	4.000	43.420
July 2009	237.095	0	10	0	1.913	0	1.923	22.754	0	67	41.960	0	0	0	4.136	64.781

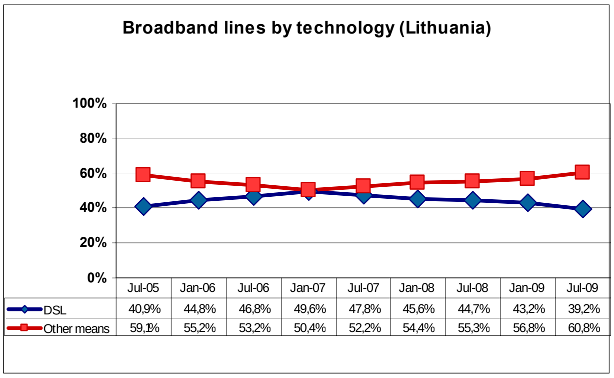
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	17.937	49.631	1.256	12.859	1	0	47.323	0	129.007
July 2006	21.736	58.119	1.273	15.323	0	0	54.167	33	150.618
January 2007	24.424	65.758	1.451	43.836	0	0	43.154	189	178.623
July 2007	28.639	61.425	1.621	81.518	170	0	45.238	192	218.611
January 2008	31.852	64.995	1.664	92.918	210	0	57.320	275	248.959
July 2008	34.775	64.626	1.448	119.961	147	0	47.214	279	268.171
January 2009	37.418	66.078	2.040	135.207	201	0	49.691	293	290.635
July 2009	43.385	61.908	1.273	167.862	0	0	31.181	206	305.609

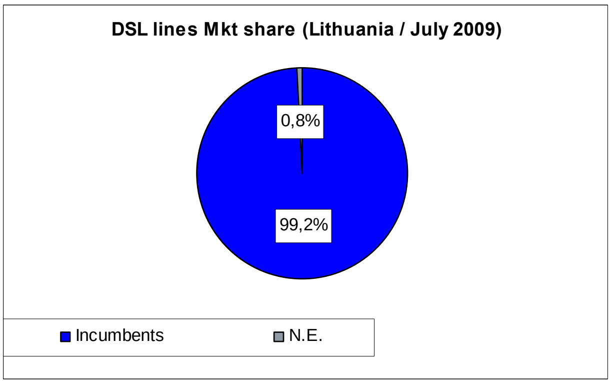
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	102.358	43,7%	131.688	56,3%	104.798	44,8%	129.248	55,2%	234.046
July 2006	132.969	46,5%	153.090	53,5%	133.880	46,8%	152.179	53,2%	286.059
January 2007	178.786	49,7%	180.778	50,3%	178.302	49,6%	181.262	50,4%	359.564
July 2007	210.524	48,8%	220.925	51,2%	206.273	47,8%	225.176	52,2%	431.449
January 2008	256.397	50,5%	251.322	49,5%	231.508	45,6%	276.211	54,4%	507.719
July 2008	275.589	50,5%	270.493	49,5%	244.228	44,7%	301.854	55,3%	546.082
January 2009	295.420	50,2%	292.927	49,8%	254.292	43,2%	334.055	56,8%	588.347
July 2009	301.876	49,5%	307.532	50,5%	239.018	39,2%	370.390	60,8%	609.408

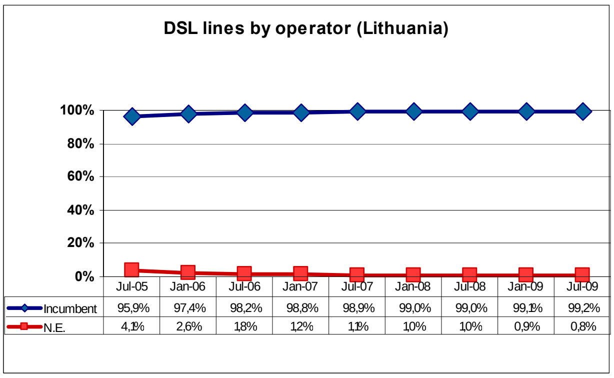


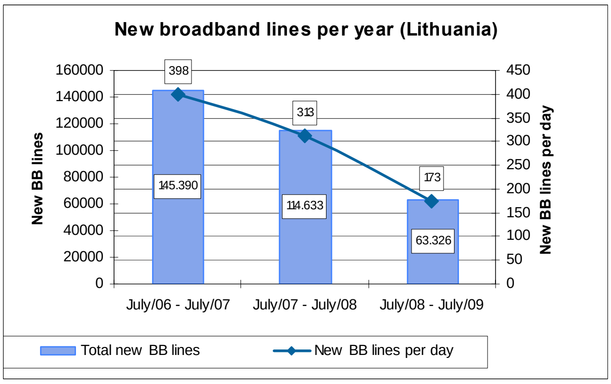


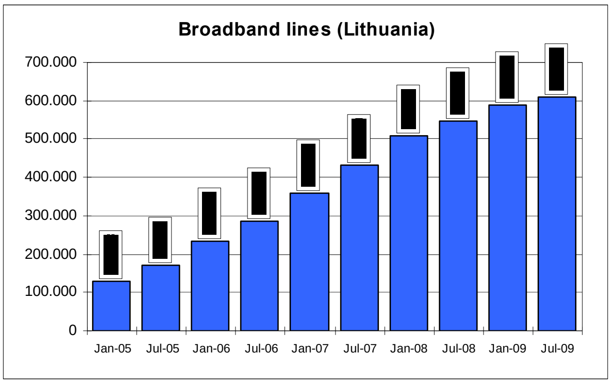










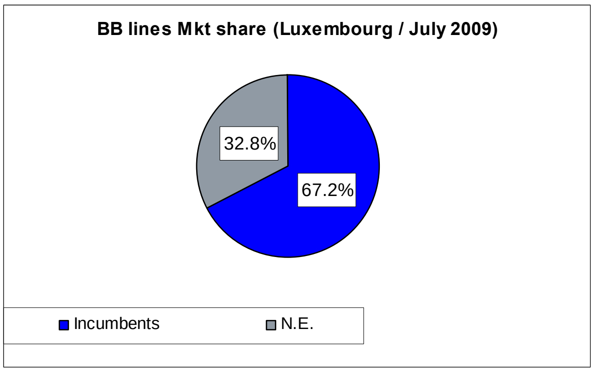


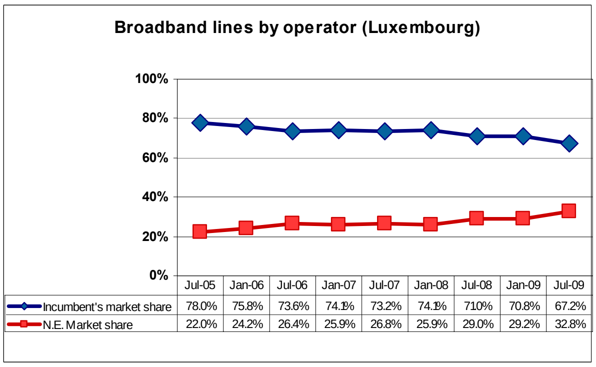
Luxembourg, July 2009

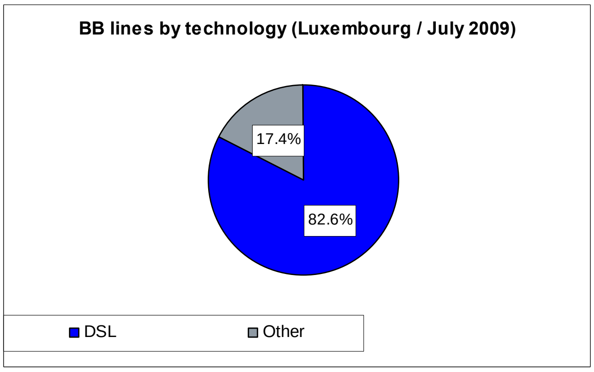
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	52,402	0	3,088	114	0	7,528	10,730	0	658	177	150	0	0	0	0	985
July 2006	57,875	0	4,801	114	0	9,080	13,995	31	737	176	175	0	0	0	0	1,119
January 2007	72,170	0	6,534	102	0	10,904	17,540	0	754	237	0	0	0	0	31	991
July 2007	81,326	21	8,017	102	0	13,166	21,306	0	797	279	208	0	0	0	39	1,284
January 2008	88,225	21	7,280	78	0	13,038	20,417	0	808	356	224	0	0	0	41	1,388
July 2008	91,029	21	8,810	78	0	13,378	22,287	0	761	384	240	0	0	0	41	1,385
January 2009	97,326	21	10,170	0	0	14,132	24,323	0	701	409	263	0	0	0	41	1,373
July 2009	102,047	21	11,515	0	0	13,615	25,151	0	757	403	281	0	0	0	90	1,441

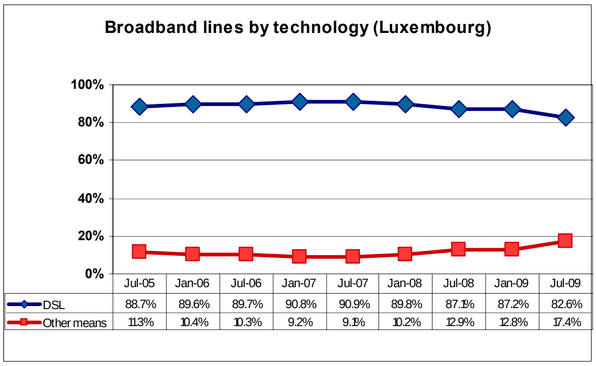
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	69	6,219	10	0	0	0	21	0	6,319
July 2006	77	6,955	10	53	0	0	21	0	7,116
January 2007	98	7,956	10	0	0	0	0	50	8,064
July 2007	140	8,861	10	0	0	0	0	80	9,011
January 2008	140	10,723	10	70	0	0	0	90	10,943
July 2008	140	15,192	10	70	0	0	0	90	15,412
January 2009	140	16,259	10	70	0	0	0	90	16,479
July 2009	140	25,146	10	60	0	0	0	90	25,356

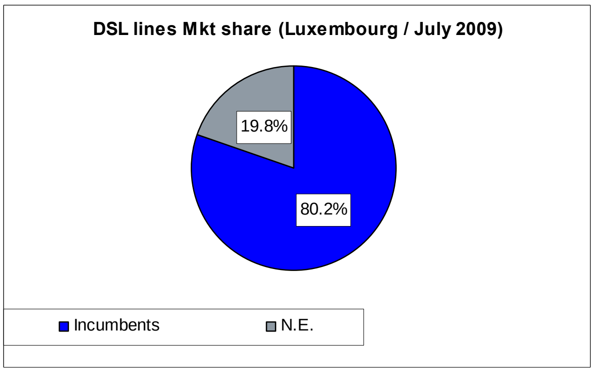
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	53,387	75.8%	17,049	24.2%	63,132	89.6%	7,304	10.4%	70,436
July 2006	58,994	73.6%	21,111	26.4%	71,870	89.7%	8,235	10.3%	80,105
January 2007	73,161	74.1%	25,604	25.9%	89,710	90.8%	9,055	9.2%	98,765
July 2007	82,610	73.2%	30,317	26.8%	102,632	90.9%	10,295	9.1%	112,927
January 2008	89,613	74.1%	31,360	25.9%	108,642	89.8%	12,331	10.2%	120,973
July 2008	92,414	71.0%	37,699	29.0%	113,316	87.1%	16,797	12.9%	130,113
January 2009	98,699	70.8%	40,802	29.2%	121,649	87.2%	17,852	12.8%	139,501
July 2009	103,488	67.2%	50,507	32.8%	127,198	82.6%	26,797	17.4%	153,995

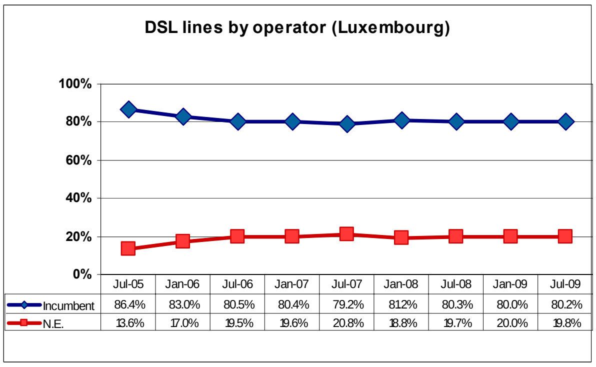


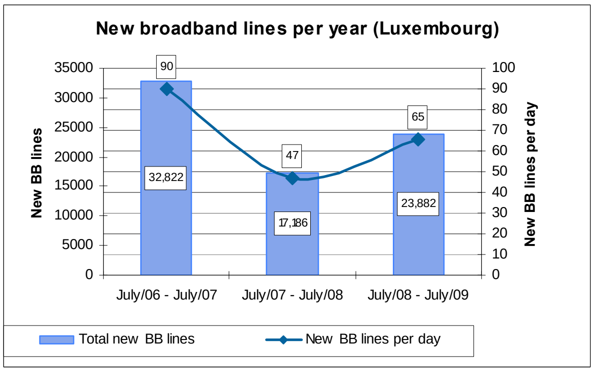


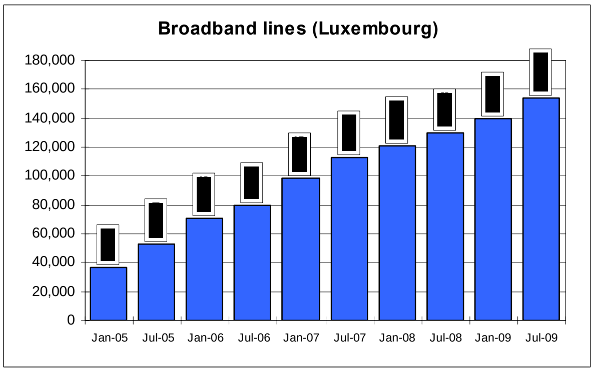












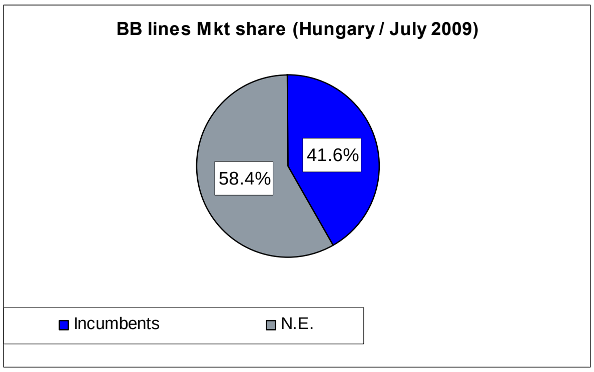
Hungary, July 2009

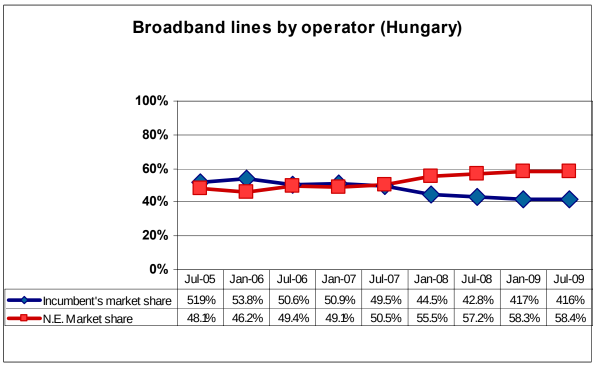
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines
January 2006	307,325	0	0	26	105,535	0	105,561
July 2006	350,065	0	61	1,506	134,249	0	135,816
January 2007	448,417	0	1,354	3,070	162,053	0	166,477
July 2007	506,481	0	5,400	3,708	183,566	0	192,674
January 2008	539,140	0	9,019	4,163	199,538	0	212,720
July 2008	568,936	0	11,597	4,800	204,280	0	220,677
January 2009	583,454	0	13,022	5,881	204,320	0	223,223
July 2009	609,429	0	14,030	6,771	187,208	n.a.	208,009

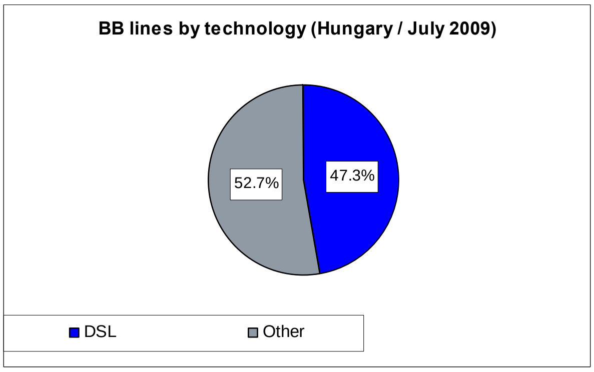
	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	1,400	23,126	1,500	0	0	0	0	0	26,026
July 2006	1,550	31,663	1,500	0	0	0	0	0	34,713
January 2007	5,500	51,233	1,500	0	0	0	0	0	58,233
July 2007	7,100	65,597	1,500	0	0	0	0	0	74,197
January 2008	16,218	79,923	1,215	0	0	0	0	0	97,356
July 2008	17,840	89,728	1,200	0	0	0	0	0	108,768
January 2009	2,000	96,893	900	0	0	0	0	0	99,793
July 2009	764	107,913	0	805	n.a.	0	n.a.	0	109,482

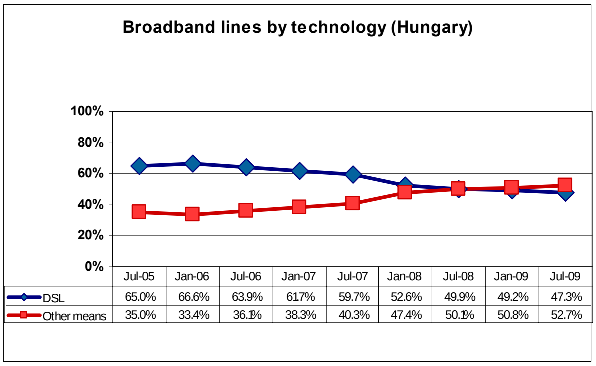
	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	8,800	167,500	3,500	1,000	0	0	0	0	180,800
July 2006	9,700	225,477	3,500	1,000	0	0	0	0	239,677
January 2007	33,900	284,257	3,500	1,000	0	0	0	0	322,657
July 2007	42,500	351,715	3,500	1,000	0	0	0	0	398,715
January 2008	80,899	494,784	2,827	1,000	0	0	0	0	579,510
July 2008	113,258	567,941	2,524	1,000	0	0	0	0	684,723
January 2009	85,000	645,464	1,800	1,000	710	0	0	0	733,974
July 2009	87,000	711,601	0	2,500	0	0	n.a.	0	801,101

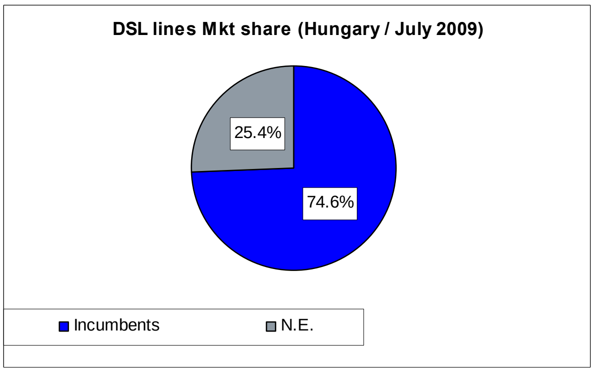
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	333,351	53.8%	286,361	46.2%	412,886	66.6%	206,826	33.4%	619,712
July 2006	384,778	50.6%	375,493	49.4%	485,881	63.9%	274,390	36.1%	760,271
January 2007	506,650	50.9%	489,134	49.1%	614,894	61.7%	380,890	38.3%	995,784
July 2007	580,678	49.5%	591,389	50.5%	699,155	59.7%	472,912	40.3%	1,172,067
January 2008	636,496	44.5%	792,230	55.5%	751,860	52.6%	676,866	47.4%	1,428,726
July 2008	677,704	42.8%	905,400	57.2%	789,613	49.9%	793,491	50.1%	1,583,104
January 2009	683,247	41.7%	957,197	58.3%	806,677	49.2%	833,767	50.8%	1,640,444
July 2009	718,911	41.6%	1,009,110	58.4%	817,438	47.3%	910,583	52.7%	1,728,021

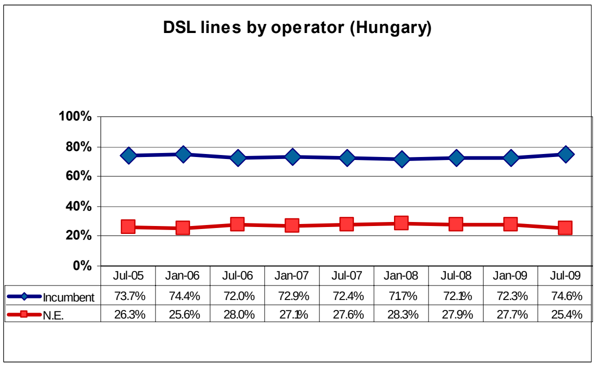


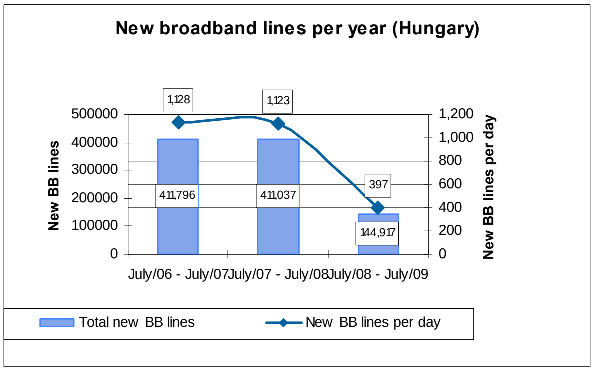


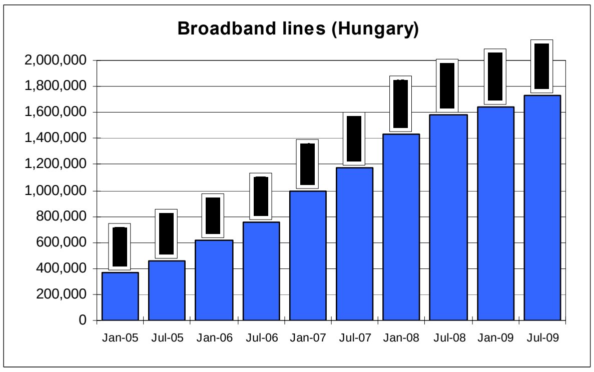








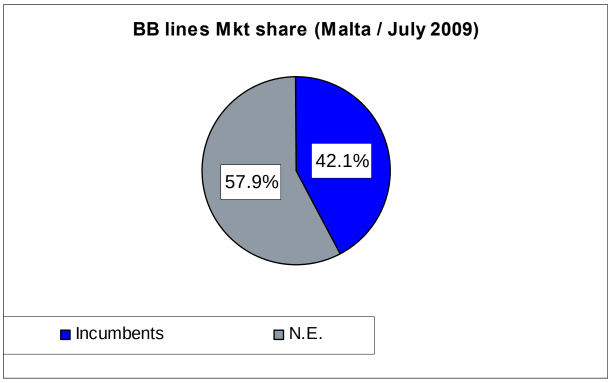


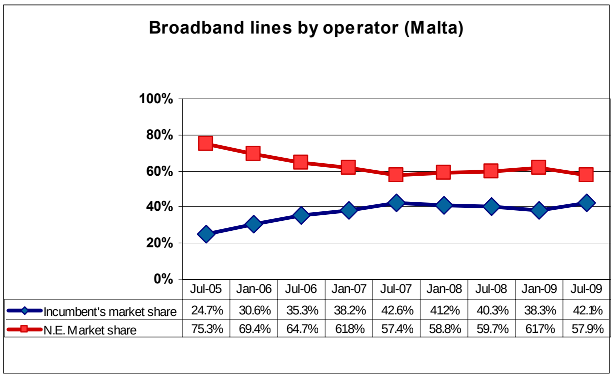


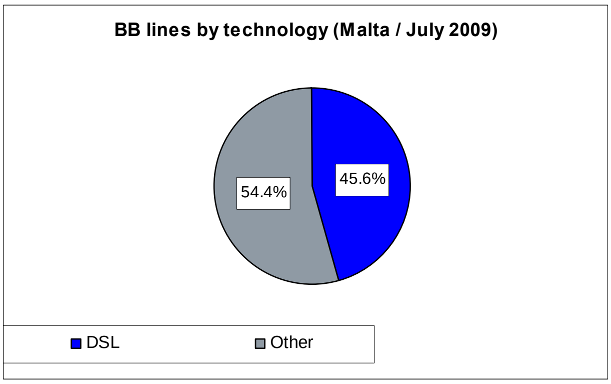
Malta, July 2009

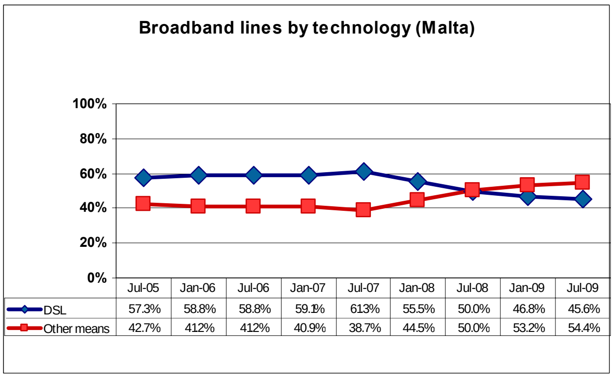
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	15,669	0	0	0	0	14,470	14,470	0	0	0	0	0	0	0	0	0	0	21,150	0	0	0	0	0	0	21,150
July 2006	18,336	0	0	0	0	12,187	12,187	0	0	0	0	0	0	0	0	0	0	21,420	0	0	0	0	0	0	21,420
January 2007	19,287	0	0	0	0	10,577	10,577	0	0	0	0	0	0	0	0	0	0	20,629	0	0	0	0	0	0	20,629
July 2007	24,000	0	0	0	0	10,600	10,600	0	0	0	0	0	0	0	0	0	0	21,800	0	0	0	0	0	0	21,800
January 2008	28,400	0	0	0	9,900	0	9,900	0	0	0	0	0	0	0	0	0	950	29,700	0	0	0	0	0	0	30,650
July 2008	33,732	0	0	0	8,129	0	8,129	0	0	0	0	0	0	0	0	0	2,038	39,868	0	0	0	0	0	0	41,906
January 2009	37,599	0	0	0	8,351	0	8,351	0	0	0	0	0	0	0	0	0	2,882	49,277	0	0	0	0	0	33	52,159
July 2009	45,685	0	0	0	3,778	0	3,778	0	0	0	0	0	0	0	15	0	3,496	55,557	0	38	0	0	0	31	59,091

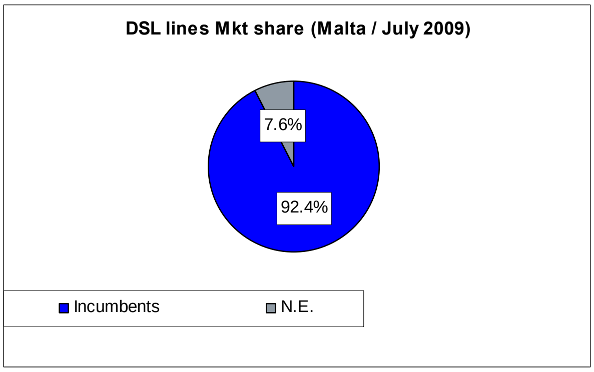
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	15,669	30.6%	35,620	69.4%	30,139	58.8%	21,150	41.2%	51,289
July 2006	18,336	35.3%	33,607	64.7%	30,523	58.8%	21,420	41.2%	51,943
January 2007	19,287	38.2%	31,206	61.8%	29,864	59.1%	20,629	40.9%	50,493
July 2007	24,000	42.6%	32,400	57.4%	34,600	61.3%	21,800	38.7%	56,400
January 2008	28,400	41.2%	40,550	58.8%	38,300	55.5%	30,650	44.5%	68,950
July 2008	33,732	40.3%	50,035	59.7%	41,861	50.0%	41,906	50.0%	83,767
January 2009	37,599	38.3%	60,510	61.7%	45,950	46.8%	52,159	53.2%	98,109
July 2009	45,685	42.1%	62,869	57.9%	49,463	45.6%	59,091	54.4%	108,554

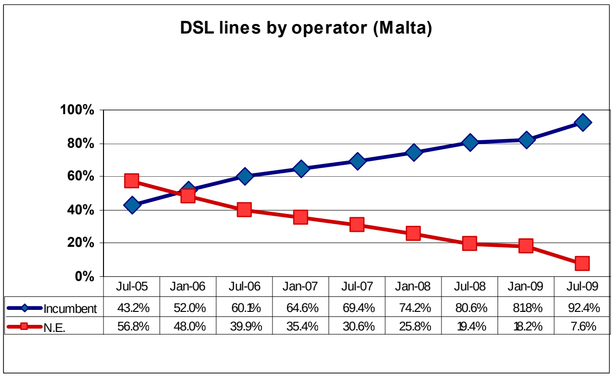


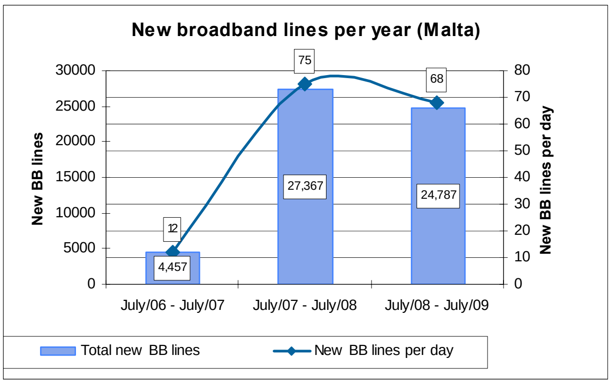


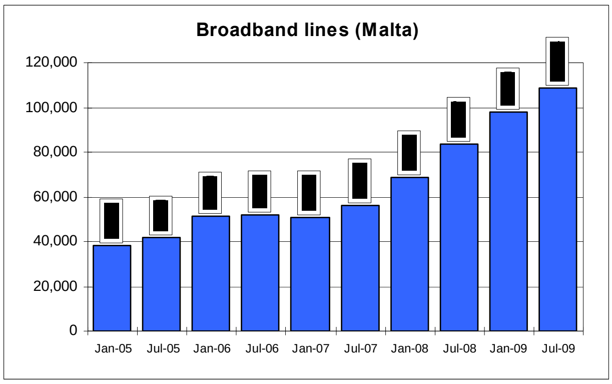












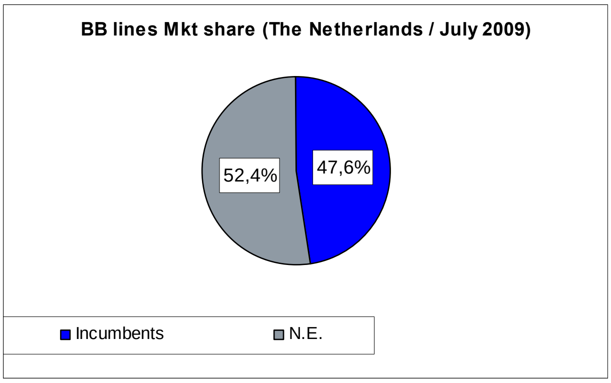
The Netherlands, July 2009

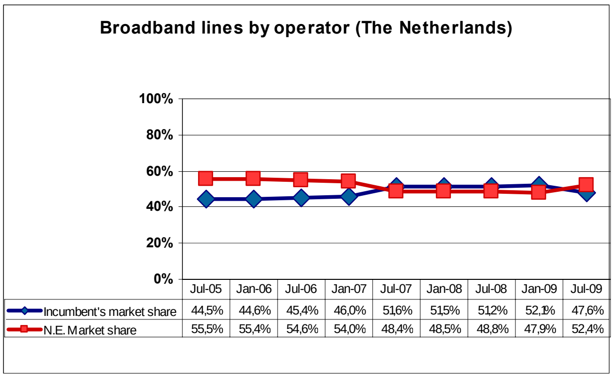
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines
January 2006	1.832.806	0	121.626	596.620	0	0	718.246
July 2006	2.072.000	0	214.328	562.501	0	0	776.829
January 2007	2.325.200	0	291.000	561.000	confidential	0	852.000
July 2007	2.757.900	0	309.000	260.000	0	0	569.000
January 2008	2.815.000	0	336.000	237.000	0	0	573.000
July 2008	2.901.300	0	417.000	223.000	confidential	0	640.000
January 2009	2.990.000	0	459.000	194.000	confidential	0	653.000
July 2009	2.823.800	0	537.000	170.000	247.000	55.000	1.009.000

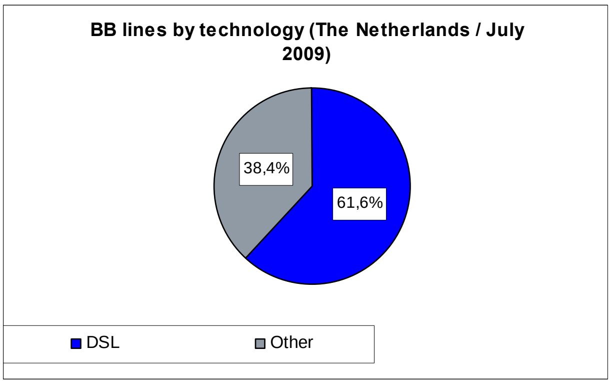
	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	0	0	0	0	0	0	0	0
July 2006	0	0	0	83.000	0	0	0	0	83.000
January 2007	0	0	0	65.000	0	0	0	0	65.000
July 2007	0	0	0	65.000	0	0	0	0	65.000
January 2008	0	0	0	65.000	0	0	0	0	65.000
July 2008	0	0	0	94.000	0	0	0	0	94.000
January 2009	0	0	0	100.000	0	0	0	0	100.000
July 2009	0	0	0	139.000	0	0	0	0	139.000

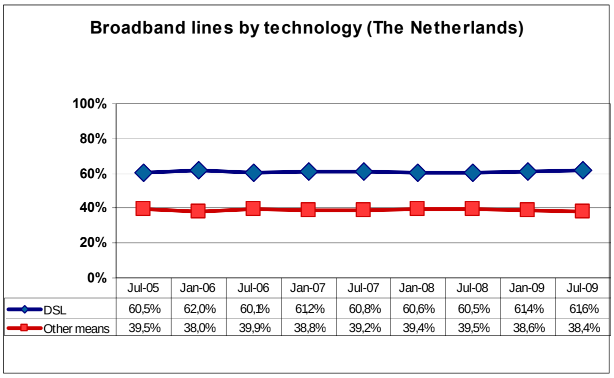
	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	1.562.521	0	0	0	0	0	0	1.562.521
July 2006	0	1.810.000	0	0	0	0	0	0	1.810.000
January 2007	0	1.950.000	0	0	0	0	0	0	1.950.000
July 2007	0	2.076.000	0	0	0	0	0	0	2.076.000
January 2008	0	2.134.600	0	0	0	0	0	0	2.134.600
July 2008	0	2.216.000	0	0	0	0	0	0	2.216.000
January 2009	0	2.192.000	0	0	0	0	0	0	2.192.000
July 2009	0	2.250.000	0	0	0	0	0	0	2.250.000

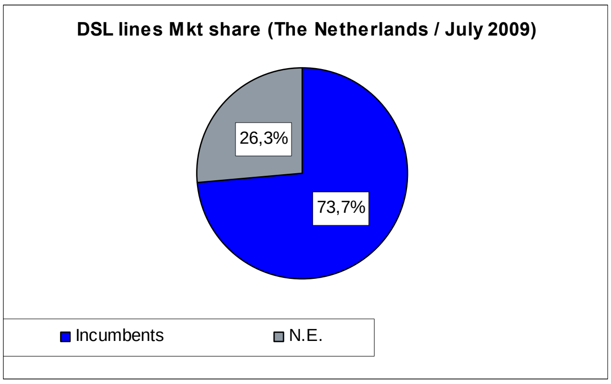
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	1.832.806	44,6%	2.280.767	55,4%	2.551.052	62,0%	1.562.521	38,0%	4.113.573
July 2006	2.155.000	45,4%	2.586.829	54,6%	2.848.829	60,1%	1.893.000	39,9%	4.741.829
January 2007	2.390.200	46,0%	2.802.000	54,0%	3.177.200	61,2%	2.015.000	38,8%	5.192.200
July 2007	2.822.900	51,6%	2.645.000	48,4%	3.326.900	60,8%	2.141.000	39,2%	5.467.900
January 2008	2.880.000	51,5%	2.707.600	48,5%	3.388.000	60,6%	2.199.600	39,4%	5.587.600
July 2008	2.995.300	51,2%	2.856.000	48,8%	3.541.300	60,5%	2.310.000	39,5%	5.851.300
January 2009	3.090.000	52,1%	2.845.000	47,9%	3.643.000	61,4%	2.292.000	38,6%	5.935.000
July 2009	2.962.800	47,6%	3.259.000	52,4%	3.832.800	61,6%	2.389.000	38,4%	6.221.800

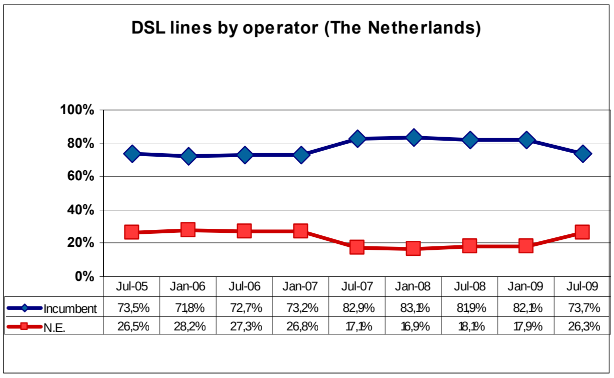


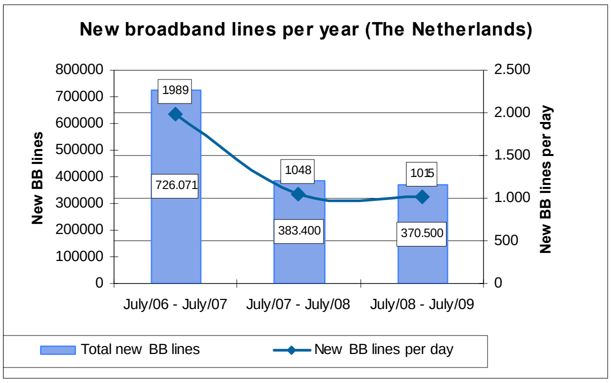


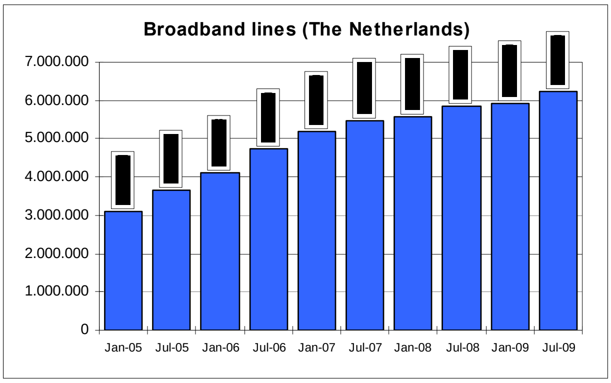








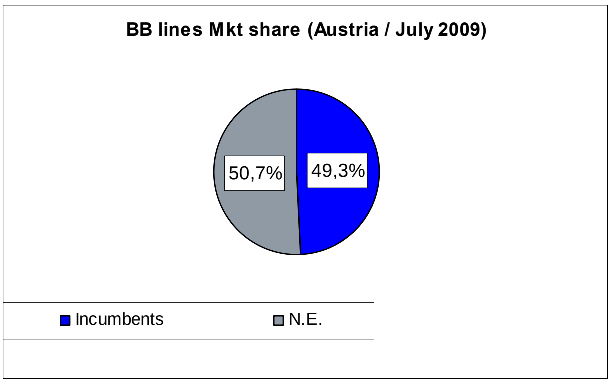


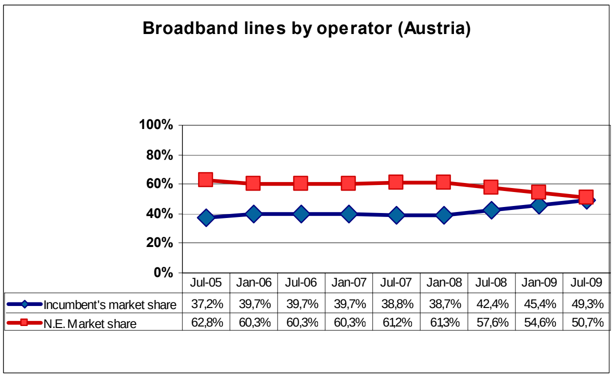


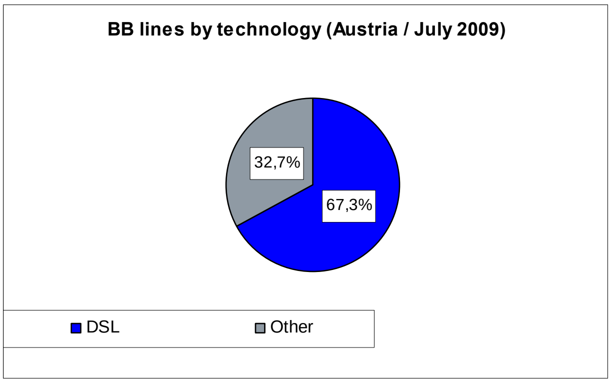
Austria, July 2009

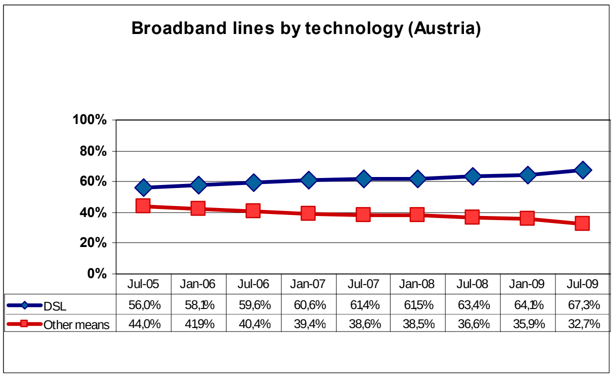
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	467.000	0	110.000	83	106.000	0	216.083	0	0	0	0	0	0	0	0	0	15.000	472.000	0	1.000	0	5.100	0	0	493.100
July 2006	520.041	0	143.301	101	117.965	0	261.367	0	0	0	0	0	0	0	0	0	17.742	502.546	1.200	1.000	1.000	5.200	0	0	528.688
January 2007	572.014	0	178.556	113	122.635	0	301.304	0	0	0	0	0	0	0	0	0	20.122	537.684	2.026	1.000	1.000	5.400	0	0	567.232
July 2007	601.280	0	227.738	125	121.888	0	349.751	0	0	0	0	0	0	0	0	0	40.034	546.850	2.000	3.344	400	5.400	0	0	598.028
January 2008	641.417	0	267.969	123	108.287	0	376.379	0	0	0	0	0	0	0	0	0	41.048	583.257	2.000	4.042	0	5.198	2.178	0	637.723
July 2008	737.312	0	274.864	133	88.930	0	363.927	0	0	0	0	0	0	0	0	0	37.634	585.648	0	4.569	0	5.700	2.150	0	635.701
January 2009	810.000	0	274.417	127	60.408	0	334.952	0	0	0	0	0	0	0	0	0	35.000	595.000	0	4.800	0	5.300	1.000	0	641.100
July 2009	895.384	0	266.491	107	62.616	0	329.214	0	0	0	394	0	0	0	0	394	34.775	549.773	0	3.246	0	4.961	800	0	593.555

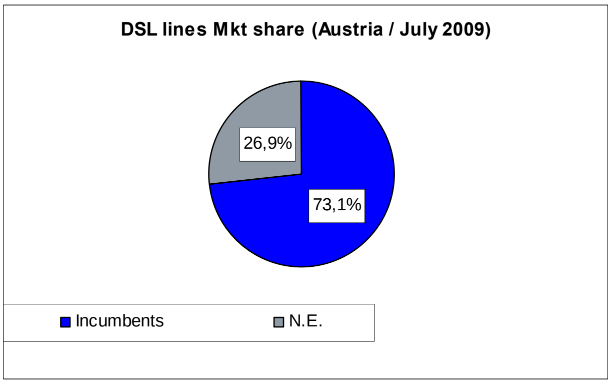
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	467.000	39,7%	709.183	60,3%	683.083	58,1%	493.100	41,9%	1.176.183
July 2006	520.041	39,7%	790.055	60,3%	781.408	59,6%	528.688	40,4%	1.310.096
January 2007	572.014	39,7%	868.536	60,3%	873.318	60,6%	567.232	39,4%	1.440.550
July 2007	601.280	38,8%	947.779	61,2%	951.031	61,4%	598.028	38,6%	1.549.059
January 2008	641.417	38,7%	1.014.102	61,3%	1.017.796	61,5%	637.723	38,5%	1.655.519
July 2008	737.312	42,4%	999.628	57,6%	1.101.239	63,4%	635.701	36,6%	1.736.940
January 2009	810.000	45,4%	976.052	54,6%	1.144.952	64,1%	641.100	35,9%	1.786.052
July 2009	895.778	49,3%	922.769	50,7%	1.224.598	67,3%	593.949	32,7%	1.818.547

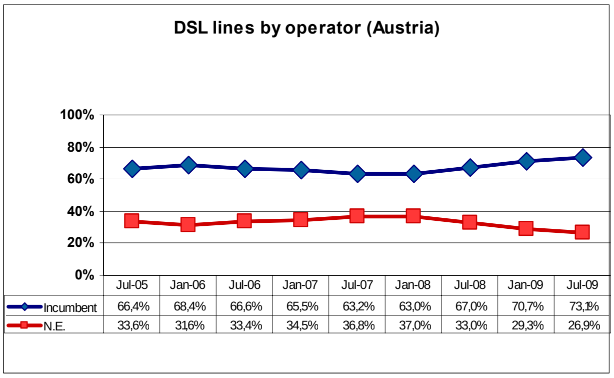


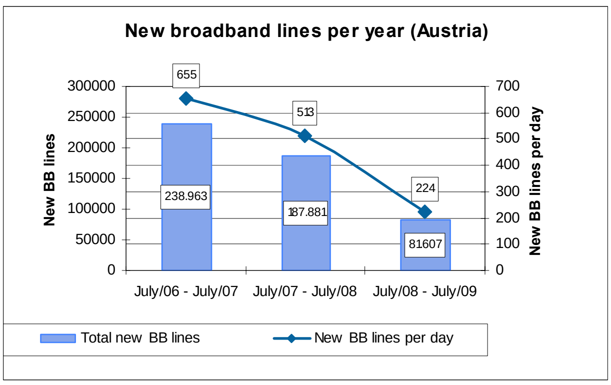


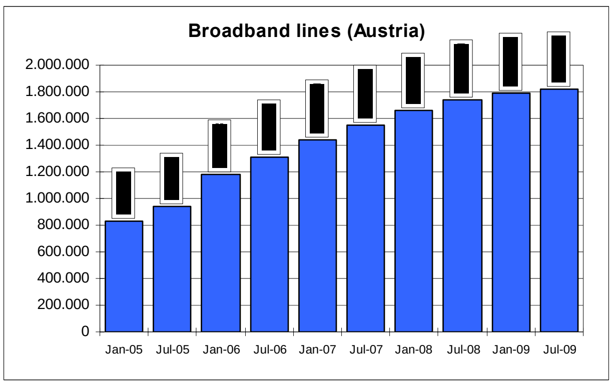










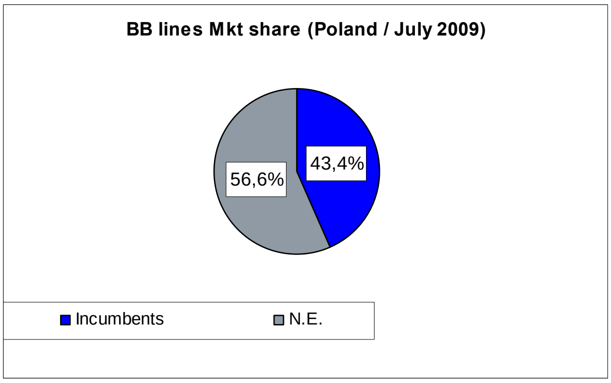


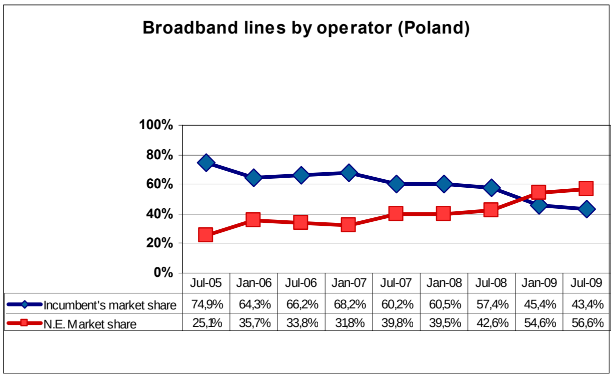
Poland, July 2009

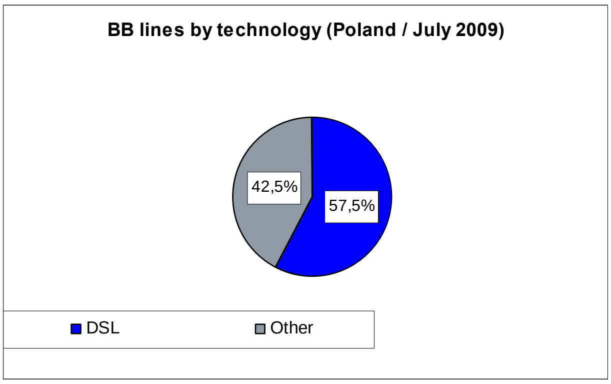
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	646.738	48.404	0	0	35.216	0	83.620	0	0	0	0	0	0	6.575	0	6.575
July 2006	989.190	109.669	0	0	0	0	109.669	0	92	0	0	0	0	6.081	0	6.173
January 2007	1.350.819	142.916	0	59	0	0	142.975	0	3.089	0	0	0	0	6.135	0	9.224
July 2007	1.542.349	100.442	0	0	53.737	0	154.179	0	19.353	0	0	0	0	6.095	0	25.448
January 2008	1.891.027	225.547	7	0	135.869	0	361.423	0	40.225	0	0	0	0	5.637	0	45.862
July 2008	2.040.380	238.834	179	81	166.224	0	405.318	0	52.483	0	0	0	0	7.584	0	60.067
January 2009	2.029.510	246.259	1.544	88	339.395	0	587.286	0	0	0	0	0	0	1.691	0	1.691
July 2009	2.110.712	274.256	7.568	377	405.869	0	413.814	0	0	0	57	0	0	1.560	0	1.617

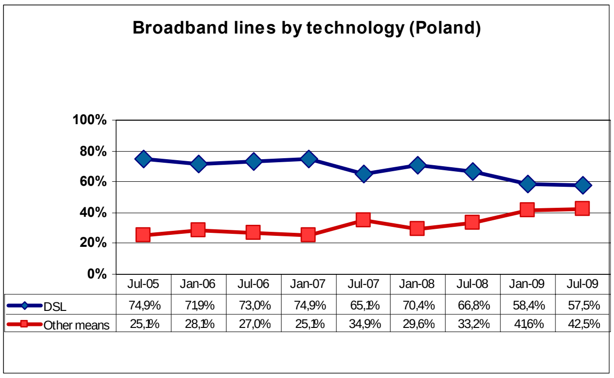
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	5.406	234.323	36.543	354	93	0	2.189	0	278.908
July 2006	10.401	334.400	46.467	1.125	97	0	6.752	563	399.242
January 2007	12.339	457.519	3.261	1.195	4	0	17.124	636	491.442
July 2007	19.756	756.177	2.380	7.499	0	0	98.170	20.157	883.982
January 2008	22.888	797.209	2.194	1.348	0	0	77.712	688	901.351
July 2008	16.082	1.051.683	2.038	1.577	0	0	82.144	418	1.153.524
January 2009	20.532	1.200.695	2.285	3.120	0	0	633.346	309	1.859.978
July 2009	1.452	1.248.984	41	15.382	0	0	803.019	309	2.068.878

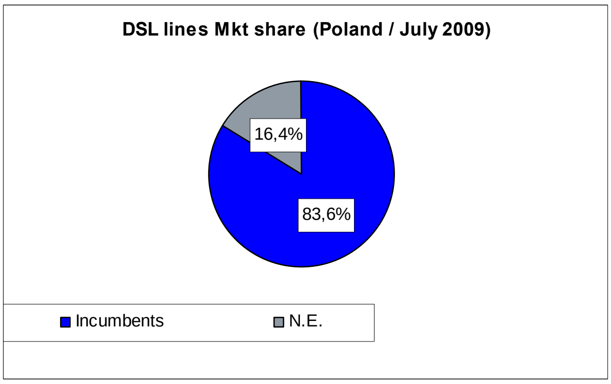
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	653.313	64,3%	362.528	35,7%	730.358	71,9%	285.483	28,1%	1.015.841
July 2006	995.363	66,2%	508.911	33,8%	1.098.859	73,0%	405.415	27,0%	1.504.274
January 2007	1.360.043	68,2%	634.417	31,8%	1.493.794	74,9%	500.666	25,1%	1.994.460
July 2007	1.567.797	60,2%	1.038.161	39,8%	1.696.528	65,1%	909.430	34,9%	2.605.958
January 2008	1.936.889	60,5%	1.262.774	39,5%	2.252.450	70,4%	947.213	29,6%	3.199.663
July 2008	2.100.447	57,4%	1.558.842	42,6%	2.445.698	66,8%	1.213.591	33,2%	3.659.289
January 2009	2.031.201	45,4%	2.447.264	54,6%	2.616.796	58,4%	1.861.669	41,6%	4.478.465
July 2009	2.112.329	43,4%	2.756.948	56,6%	2.798.782	57,5%	2.070.495	42,5%	4.869.277

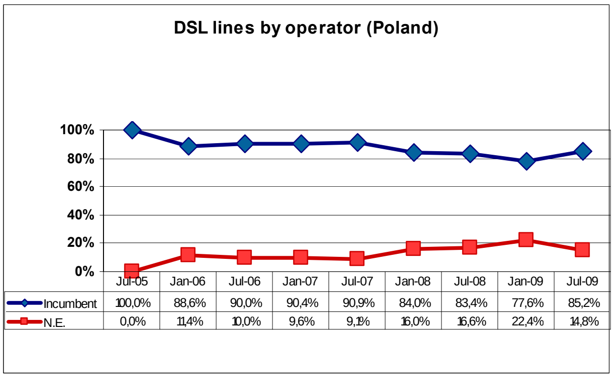


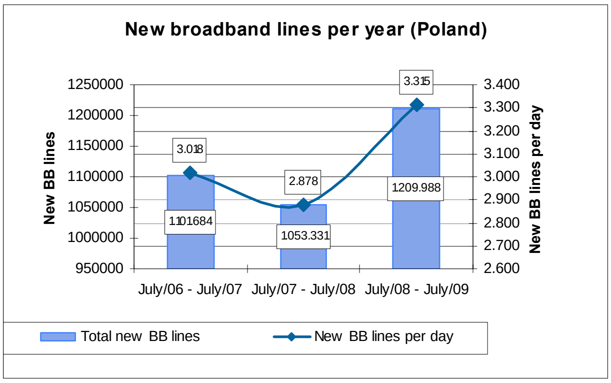


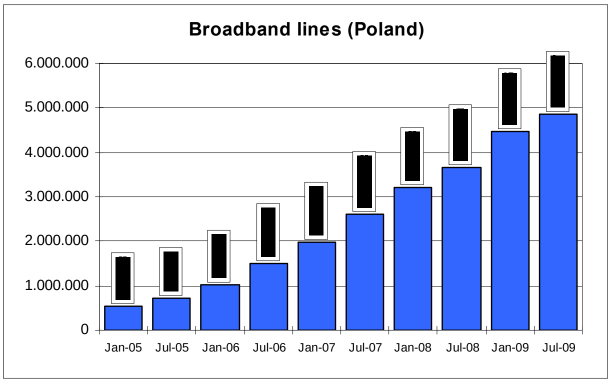










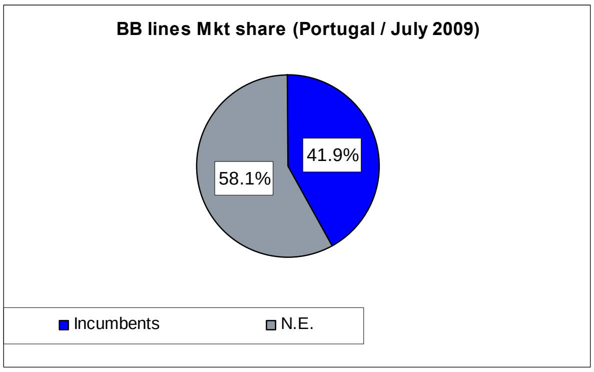


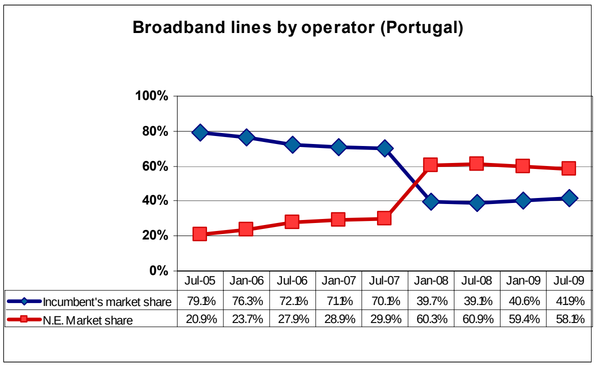
Portugal, July 2009

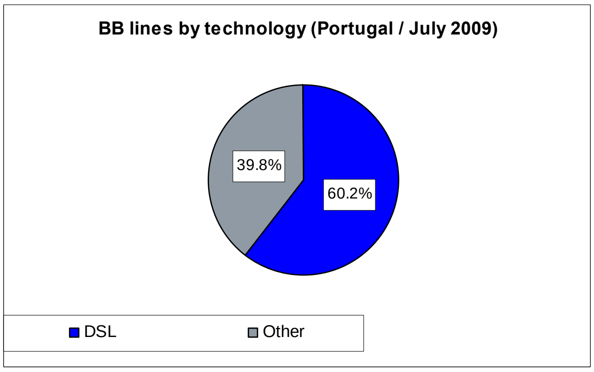
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	585,579	0	68,602	6	53,729	0	122,337	0	346,077	1,246	0	0	0	0	0	347,323
July 2006	636,125	0	139,883	6	59,984	0	199,873	0	342,945	1,263	0	0	0	0	947	344,208
January 2007	686,681	0	188,296	3	51,440	0	239,739	0	358,569	1,046	0	0	0	0	1,159	359,615
July 2007	717,612	0	236,789	3	26,136	0	262,928	0	378,894	1,046	0	0	0	0	1,341	379,940
January 2008	631,959	0	283,231	1	59,947	0	343,179	0	0	1,191	0	0	0	0	1,402	1,191
July 2008	653,018	0	305,534	1	54,323	1,359	361,217	0	0	787	303	26	0	0	0	1,116
January 2009	711,460	0	296,337	0	49,620	1,435	347,392	0	0	721	419	19	0	0	1,460	1,159
July 2009	781,952	n.a	296,872	0	45,832	85	342,789	0	0	683	484	23	0	0	1,524	1,190

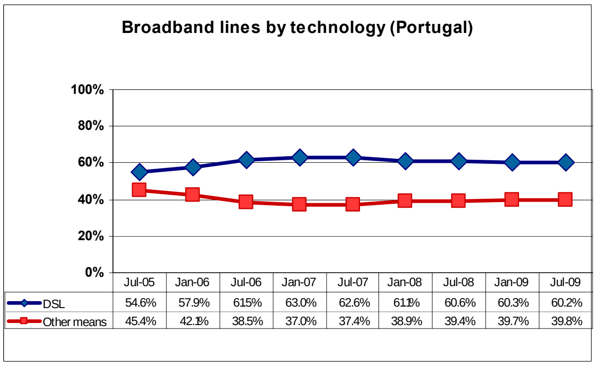
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	1,644	161,944	1,974	0	0	1,500	0	0	167,062
July 2006	1,801	174,181	2,056	0	0	1,500	0	0	179,538
January 2007	3,532	179,081	2,162	0	0	0	0	0	184,775
July 2007	5,615	197,369	2,405	0	0	0	0	0	205,389
January 2008	12,012	605,799	2,504	0	0	0	0	0	620,315
July 2008	18,194	635,229	2,483	1,055	0	0	0	0	656,961
January 2009	21,647	668,815	2,173	2,006	1	0	0	0	694,642
July 2009	23,165	712,372	1,286	5,699	0	0	0	5,539	742,522

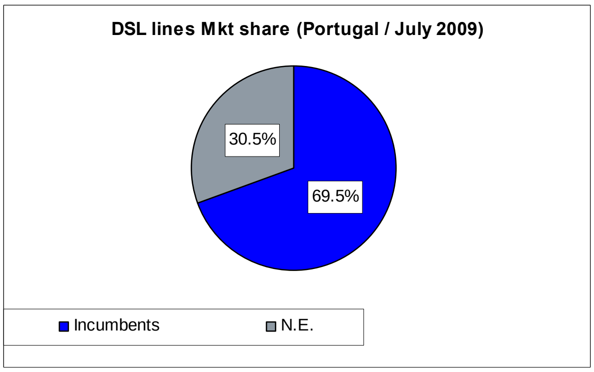
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	932,902	76.3%	289,399	23.7%	707,916	57.9%	514,385	42.1%	1,222,301
July 2006	980,333	72.1%	379,411	27.9%	835,998	61.5%	523,746	38.5%	1,359,744
January 2007	1,046,296	71.1%	424,514	28.9%	926,420	63.0%	544,390	37.0%	1,470,810
July 2007	1,097,552	70.1%	468,317	29.9%	980,540	62.6%	585,329	37.4%	1,565,869
January 2008	633,150	39.7%	963,494	60.3%	975,138	61.1%	621,506	38.9%	1,596,644
July 2008	654,134	39.1%	1,018,178	60.9%	1,014,235	60.6%	658,077	39.4%	1,672,312
January 2009	712,619	40.6%	1,042,034	59.4%	1,058,852	60.3%	695,801	39.7%	1,754,653
July 2009	783,142	41.9%	1,085,311	58.1%	1,124,741	60.2%	743,712	39.8%	1,868,453

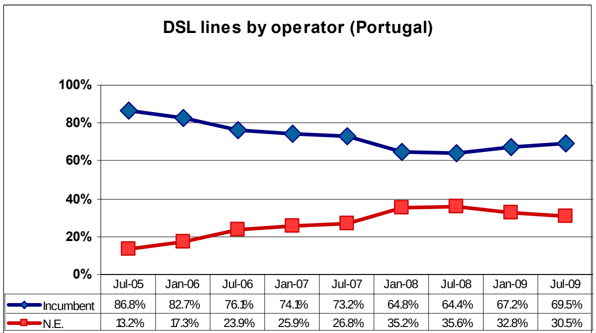


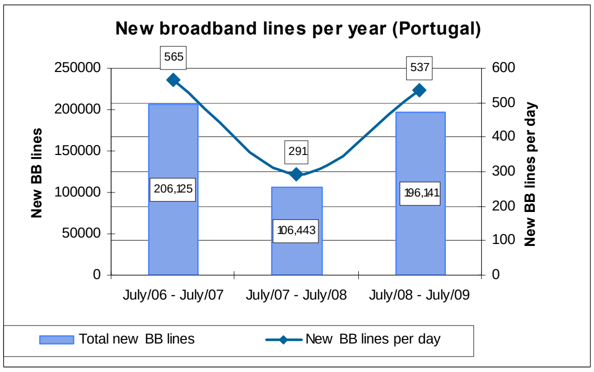


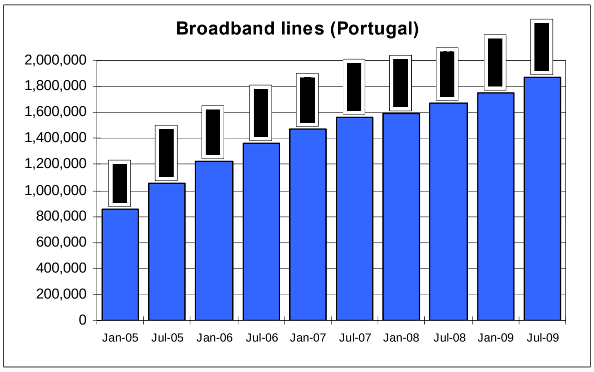












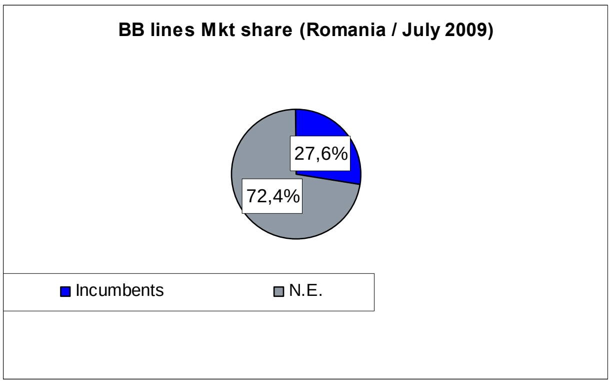
Romania, July 2009

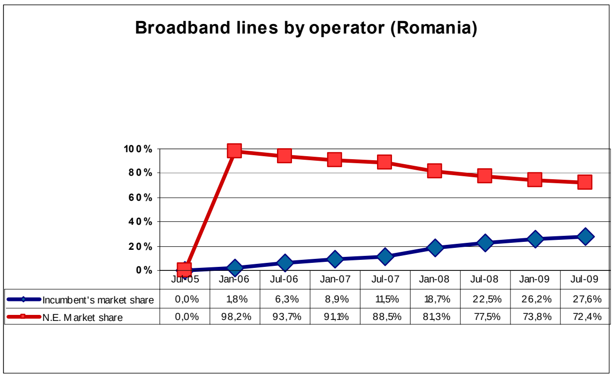
		New entrants' DSL lines on PSTN					
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines
January 2006	6.300	0	0	0	0	0	0
July 2006	43.600	770	650	1.420	0	0	2.840
January 2007	96.000	1.700	830	0	0	0	2.530
July 2007	173.300	1.135	1.015	0	0	0	2.150
January 2008	362.600	950	990	0	0	0	1.940
July 2008	508.000	740	930	0	0	0	1.670
January 2009	654.000	940	930	0	0	0	1.870
July 2009	729.000	900	720	0	0	0	1.620

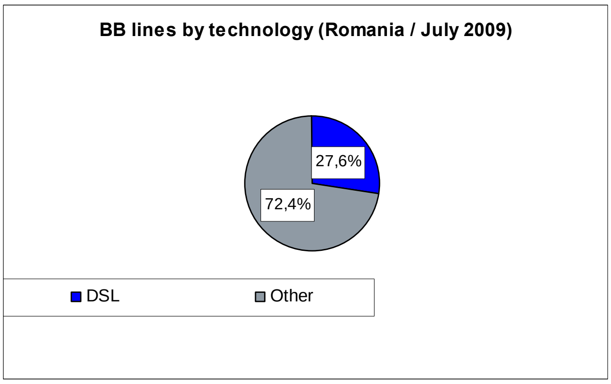
	Incumbents' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	0	0	0	10	0	0	0	0	10
July 2006	0	0	0	20	0	0	0	0	20
January 2007	0	0	300	130	0	0	0	0	430
July 2007	0	0	880	100	0	0	0	0	980
January 2008	0	0	690	130	0	0	0	0	950
July 2008	0	0	780	670	0	0	0	0	2.120
January 2009	0	0	782	670	0	0	0	0	2.122
July 2009	0	0	0	1.100	0	0	0		1.100

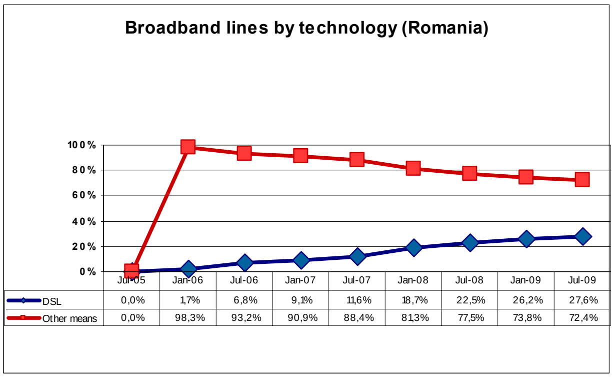
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	7.700	249.000	0	0	0	0	97.100	0	353.800
July 2006	11.200	328.400	0	39.900	50	0	261.600	434	641.150
January 2007	16.700	393.500	71	52.705	140	0	524.400	522	987.516
July 2007	31.400	410.000	120	67.000	230	0	826.000	736	1.334.750
January 2008	31.700	440.400	28	82.300	200	0	1.029.000	764	1.583.628
July 2008	30.400	444.900	41	88.800	510	0	1.190.300	830	1.754.951
January 2009	27.400	465.400	13	86.300	420	0	1.270.100	948	1.849.633
July 2009	24.800	451.000	11	92.300	540	0	1.349.000	918	1.917.651

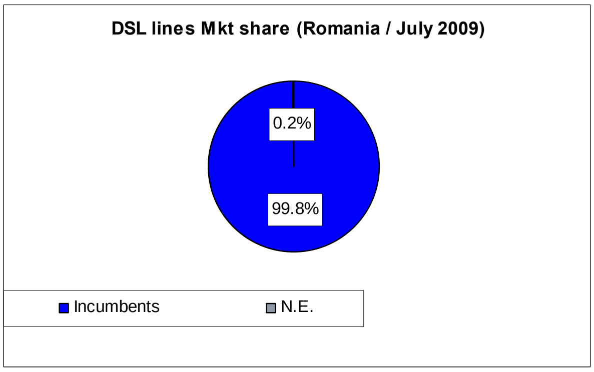
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	6.310	1,8%	353.800	98,2%	6.300	1,7%	353.810	98,3%	360.110
July 2006	43.620	6,3%	643.990	93,7%	46.440	6,8%	641.170	93,2%	687.610
January 2007	96.430	8,9%	990.046	91,1%	98.530	9,1%	987.946	90,9%	1.086.476
July 2007	174.280	11,5%	1.336.900	88,5%	175.450	11,6%	1.335.730	88,4%	1.511.180
January 2008	363.550	18,7%	1.585.568	81,3%	364.540	18,7%	1.584.578	81,3%	1.949.118
July 2008	510.120	22,5%	1.756.623	77,5%	509.670	22,5%	1.757.071	77,5%	2.266.741
January 2009	656.122	26,2%	1.851.503	73,8%	655.870	26,2%	1.851.755	73,8%	2.507.625
July 2009	730.100	27,6%	1.919.271	72,4%	730.620	27,6%	1.918.751	72,4%	2.649.371

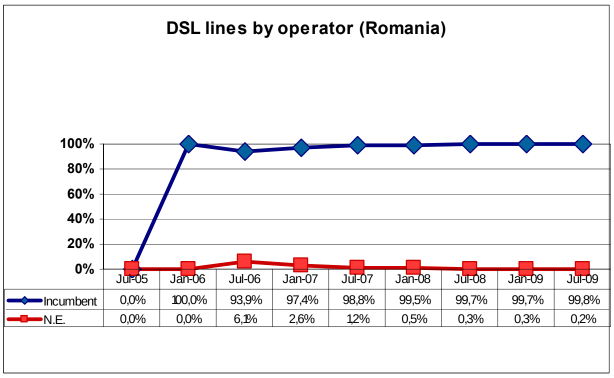


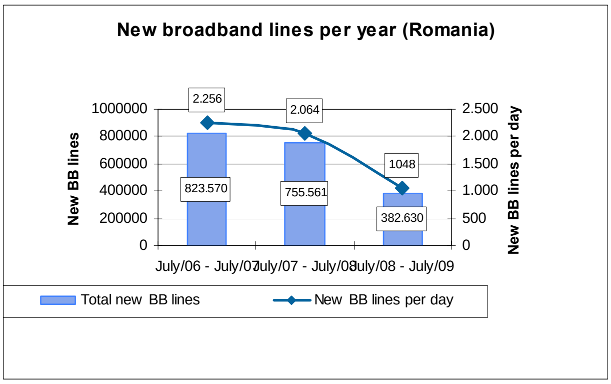


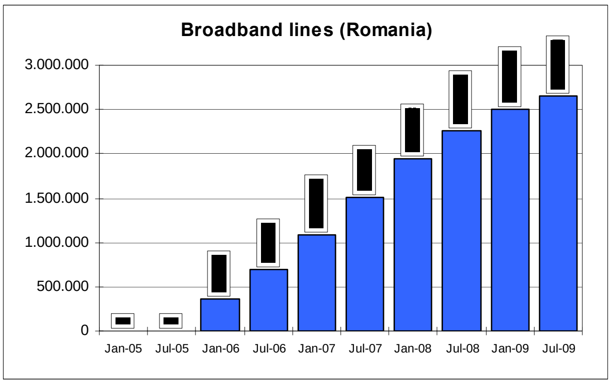










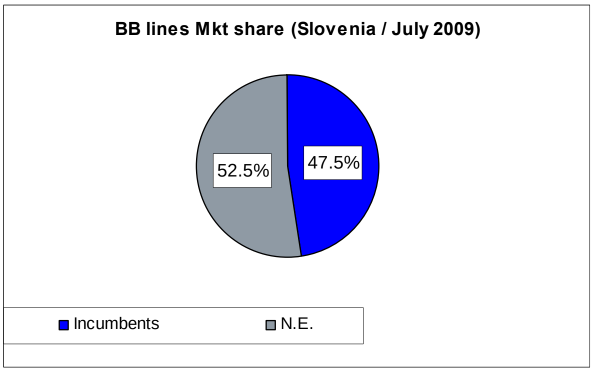


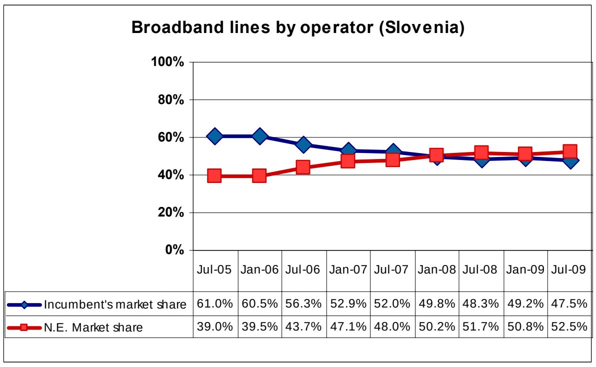
Slovenia, July 2009

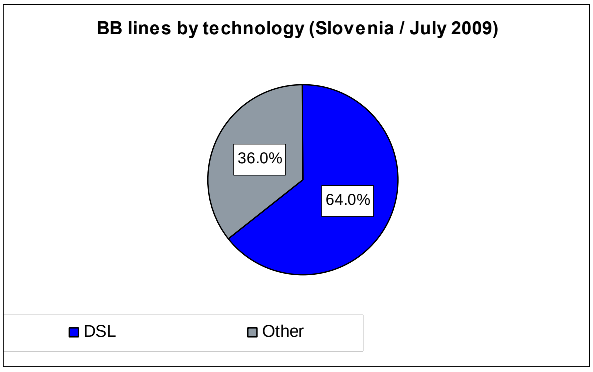
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means							
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots
January 2006	118,191	0	847	0	10,243	0	11,090	0	571	0	300	0	0	0	54
July 2006	128,355	0	7,945	3,839	8,678	6,471	26,933	0	229	0	305	0	0	0	255
January 2007	147,708	0	16,180	11,469	10,851	8,131	46,631	0	192	0	160	0	0	0	255
July 2007	159,984	0	25,242	15,164	21,064	1,236	62,706	0	0	0	71	0	0	0	67
January 2008	171,652	0	34,905	21,079	18,849	421	75,254	0	0	0	1,451	0	0	0	67
July 2008	178,054	0	43,792	22,760	19,262	0	85,814	8	0	0	7,017	0	0	0	70
January 2009	193,962	0	50,023	23,322	18,546	0	91,891	48	0	0	15,426	0	0	0	66
July 2009	193,006	0	52,641	20,954	20,950	0	94,545	42	0	0	20,170	0	0	0	66

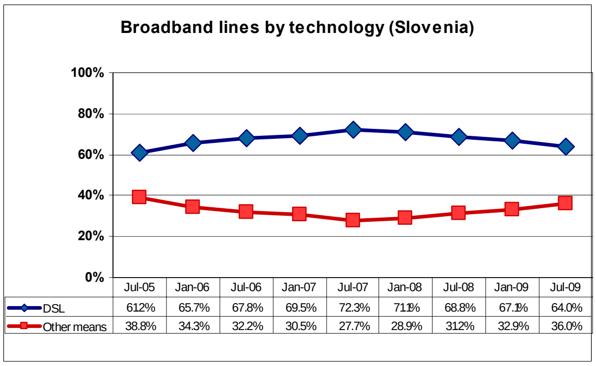
	Incumbents' access lines by other means	New entrants' access lines by other means								
	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	871	525	64,971	0	888	15	0	135	0	66,534
July 2006	534	251	71,890	0	867	0	0	132	18	73,140
January 2007	352	249	81,446	0	2,876	0	0	398	4	84,969
July 2007	71	242	79,325	503	4,827	18	0	309	311	85,224
January 2008	1,451	231	87,440	0	10,982	7	0	475	510	99,135
July 2008	7,025	203	89,830	261	22,134	7	0	193	512	112,628
January 2009	15,474	209	95,076	266	29,138	6	0	48	649	124,743
July 2009	20,212	1,248	98,922	249	40,837	5	0	0	523	141,261

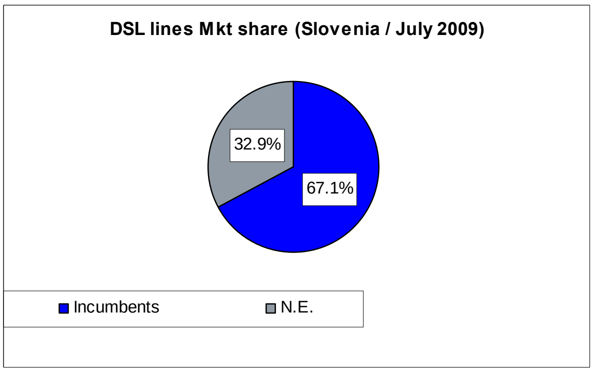
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	119,062	60.5%	77,624	39.5%	129,281	65.7%	67,405	34.3%	196,686
July 2006	128,889	56.3%	100,073	43.7%	155,288	67.8%	73,674	32.2%	228,962
January 2007	148,060	52.9%	131,600	47.1%	194,339	69.5%	85,321	30.5%	279,660
July 2007	160,055	52.0%	147,930	48.0%	222,690	72.3%	85,295	27.7%	307,985
January 2008	173,103	49.8%	174,389	50.2%	246,906	71.1%	100,586	28.9%	347,492
July 2008	185,079	48.3%	198,442	51.7%	263,868	68.8%	119,653	31.2%	383,521
January 2009	209,436	49.2%	216,634	50.8%	285,853	67.1%	140,217	32.9%	426,070
July 2009	213,218	47.5%	235,806	52.5%	287,551	64.0%	161,473	36.0%	449,024

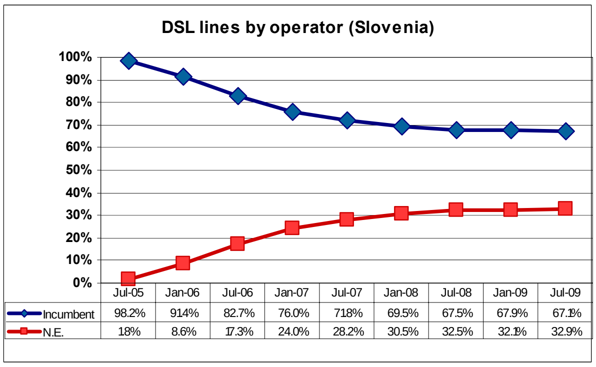


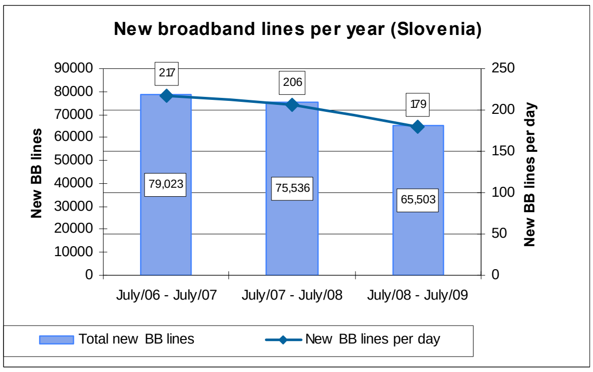


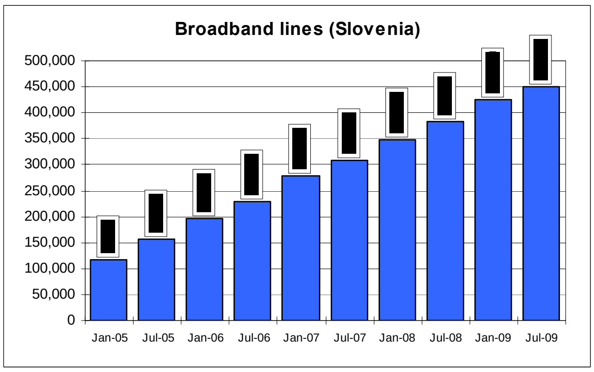








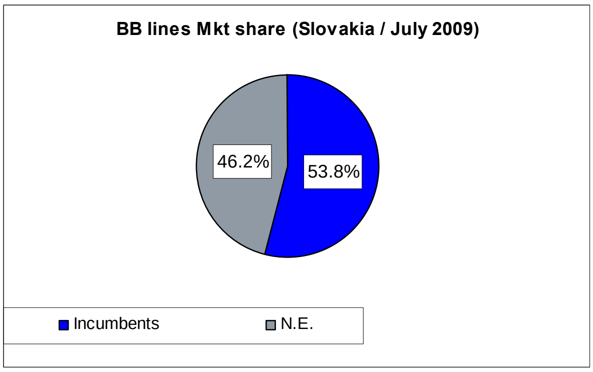


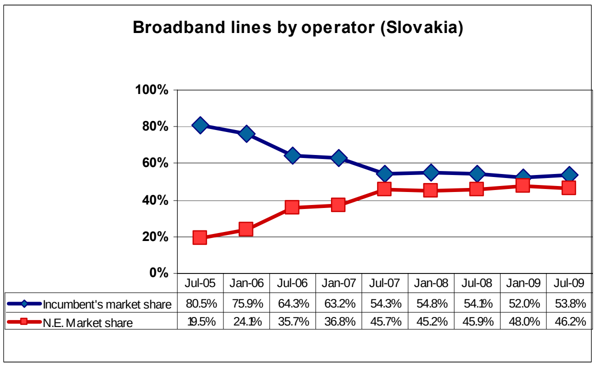


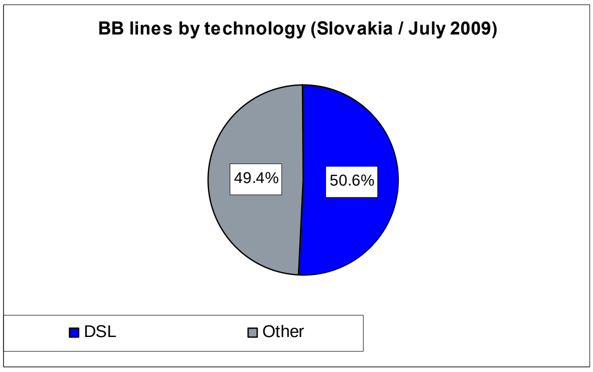
Slovakia, July 2009

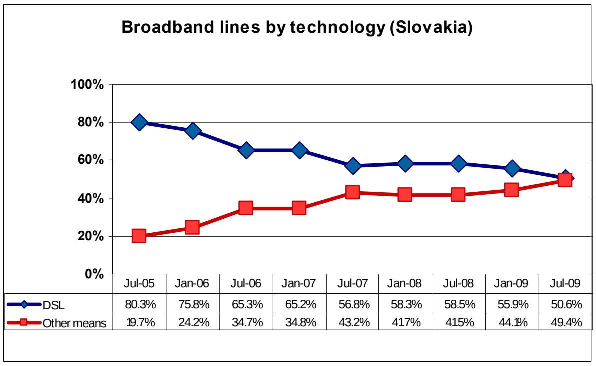
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	104,487	0	0	0	0	0	0	0	0	208	0	0	0	0	0	208	1,500	20,862	2,370	0	0	0	8,500	25	33,232
July 2006	138,139	0	0	0	0	2,364	2,364	0	0	211	0	0	0	0	55	211	2,500	26,552	980	22,500	24	0	22,033	500	74,589
January 2007	176,589	0	0	0	0	5,802	5,802	0	0	248	0	0	0	0	0	248	15,000	36,480	950	29,542	24	0	15,000	500	96,996
July 2007	202,095	0	0	0	0	9,244	9,244	0	0	248	0	0	0	0	0	248	57,946	42,766	972	38,094	4	0	21,024	500	160,806
January 2008	261,313	0	0	0	0	16,525	16,525	0	0	0	0	0	0	0	0	0	73,834	50,510	0	48,250	4	0	26,230	500	198,828
July 2008	279,901	0	0	0	0	22,369	22,369	0	0	0	0	0	0	0	0	0	81,279	55,662	17,769	59,927	28	0	0	500	214,665
January 2009	304,951	0	0	0	24,935	0	24,935	0	0	549	1,436	0	0	0	0	1,985	82,000	62,000	49,000	65,000	26	0	0	500	258,026
July 2009	364,069	0	0	0	26,578	0	26,578	0	0	600	9,470	0	0	41,225	0	51,295	100,500	72,500	2,000	155,000	82	0	0	600	330,082

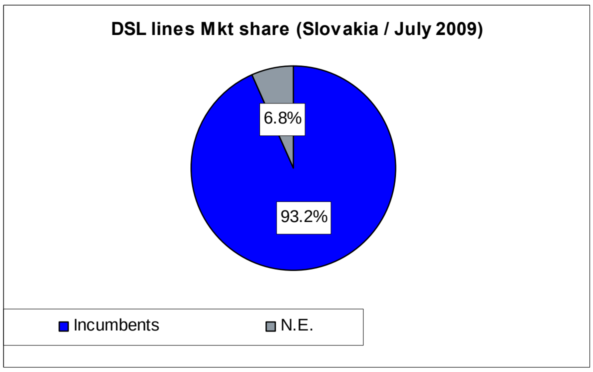
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	104,695	75.9%	33,232	24.1%	104,487	75.8%	33,440	24.2%	137,927
July 2006	138,350	64.3%	76,953	35.7%	140,503	65.3%	74,800	34.7%	215,303
January 2007	176,837	63.2%	102,798	36.8%	182,391	65.2%	97,244	34.8%	279,635
July 2007	202,343	54.3%	170,050	45.7%	211,339	56.8%	161,054	43.2%	372,393
January 2008	261,313	54.8%	215,353	45.2%	277,838	58.3%	198,828	41.7%	476,666
July 2008	279,901	54.1%	237,034	45.9%	302,270	58.5%	214,665	41.5%	516,935
January 2009	306,936	52.0%	282,961	48.0%	329,886	55.9%	260,011	44.1%	589,897
July 2009	415,364	53.8%	356,660	46.2%	390,647	50.6%	381,377	49.4%	772,024

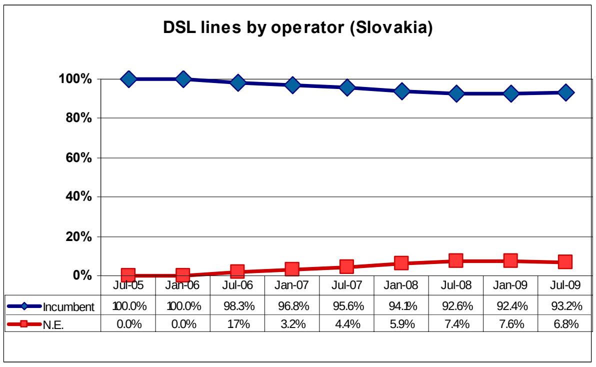


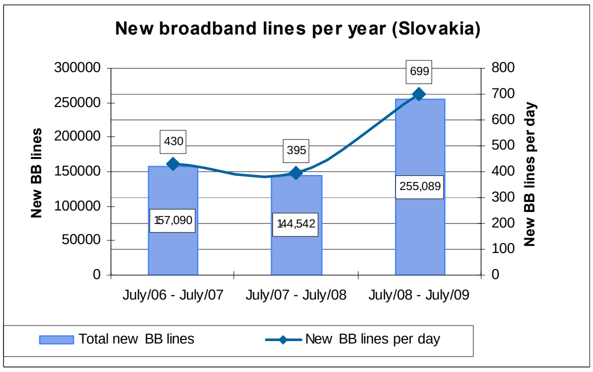


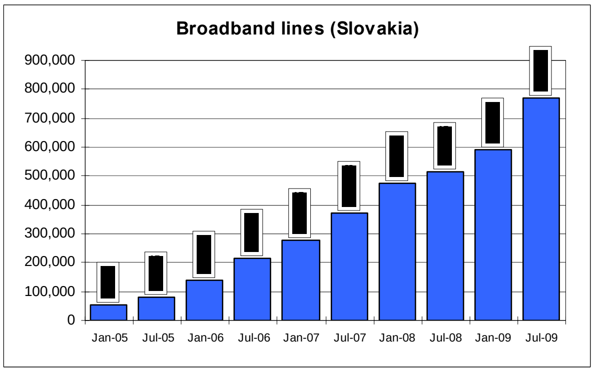








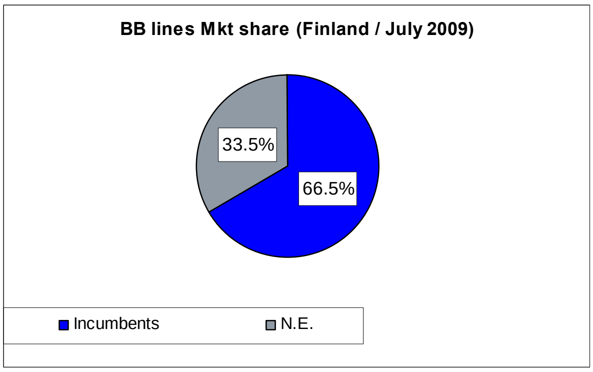


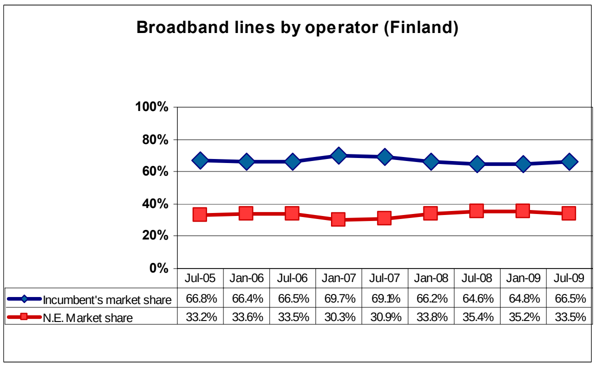


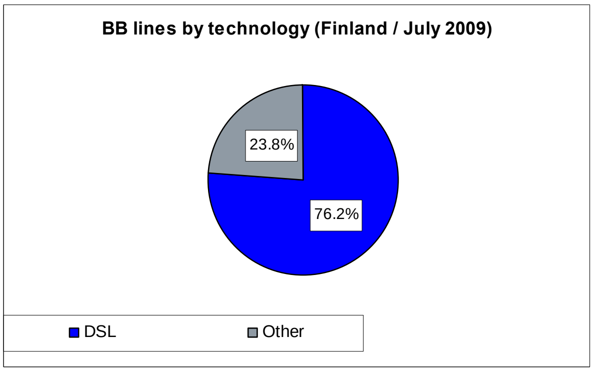
Finland, July 2009

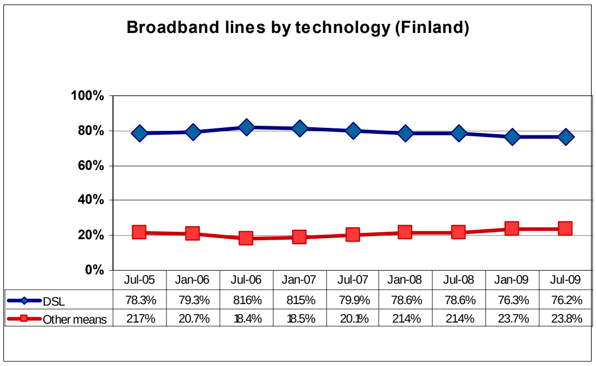
	Incumbent's DSL lines	New entrants' DSL lines on PSTN: Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	Incumbents' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	New entrants' access lines by other means: WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	625,257	0	141,798	58,466	103,747	0	304,011	451	81,498	0	0	0	0	70,002	0	151,951	2,709	67,423	0	356	0	752	18,904	0	90,144
July 2006	731,412	0	168,813	80,448	87,409	0	336,670	1,271	86,195	0	0	0	0	50,835	0	138,301	2,712	75,311	0	0	0	830	23,223	0	102,076
January 2007	837,456	0	183,116	61,598	79,666	0	324,380	2,214	95,520	0	0	0	0	58,345	0	156,079	2,643	85,567	0	0	0	812	19,414	0	108,436
July 2007	859,666	0	195,011	77,159	80,759	0	352,929	7,732	101,114	0	0	0	0	80,330	0	189,176	3,475	91,810	0	0	0	960	20,412	0	116,657
January 2008	852,456	0	305,550	38,017	76,527	0	420,094	9,356	111,609	0	0	0	0	98,260	0	219,225	5,888	98,016	0	0	0	1,185	22,165	0	127,254
July 2008	834,204	0	351,981	12,552	72,759	0	437,292	13,567	111,066	0	0	0	0	86,235	0	210,868	5,988	101,867	0	0	0	1,185	26,694	0	135,734
January 2009	807,300	0	347,400	26,800	58,800	0	433,000	17,600	108,500	0	0	0	0	119,800	0	245,900	6,600	106,200	0	0	0	1,245	25,500	0	139,545
July 2009	837,600	n.a.	331,500	12,000	57,900	n.a.	401,400	23,000	105,800	n.a.	n.a.	n.a.	0	115,700	n.a.	244,500	8,000	109,400	n.a.	n.a.	n.a.	1,200	24,600	n.a.	143,200

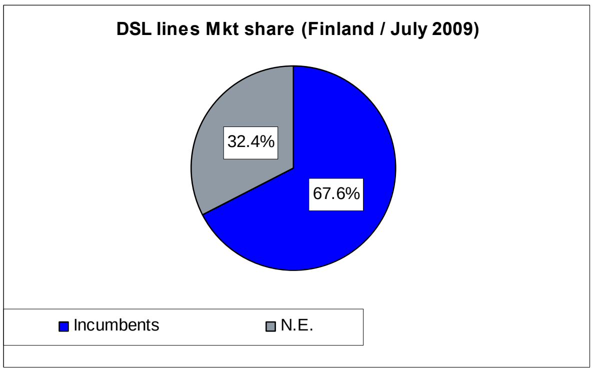
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	777,208	66.4%	394,155	33.6%	929,268	79.3%	242,095	20.7%	1,171,363
July 2006	869,713	66.5%	438,746	33.5%	1,068,082	81.6%	240,377	18.4%	1,308,459
January 2007	993,535	69.7%	432,816	30.3%	1,161,836	81.5%	264,515	18.5%	1,426,351
July 2007	1,048,842	69.1%	469,586	30.9%	1,212,595	79.9%	305,833	20.1%	1,518,428
January 2008	1,071,681	66.2%	547,348	33.8%	1,272,550	78.6%	346,479	21.4%	1,619,029
July 2008	1,045,072	64.6%	573,026	35.4%	1,271,496	78.6%	346,602	21.4%	1,618,098
January 2009	1,053,200	64.8%	572,545	35.2%	1,240,300	76.3%	385,445	23.7%	1,625,745
July 2009	1,082,100	66.5%	544,600	33.5%	1,239,000	76.2%	387,700	23.8%	1,626,700

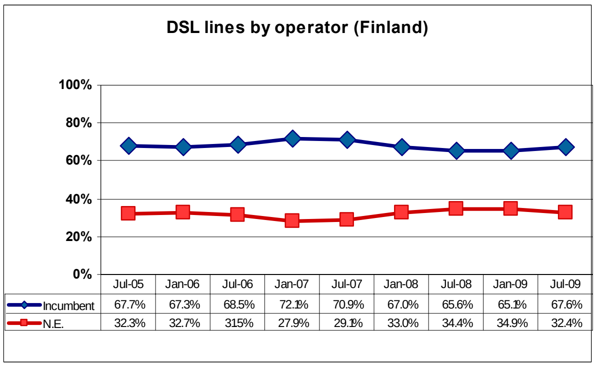


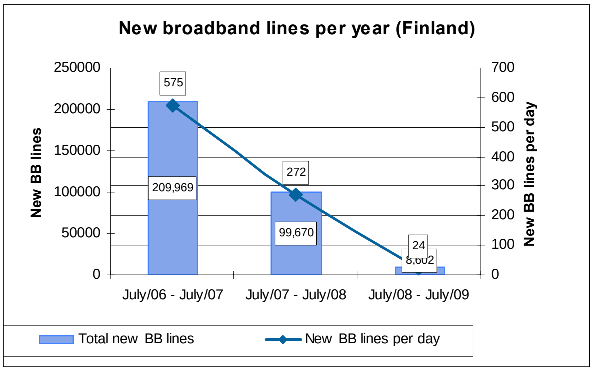


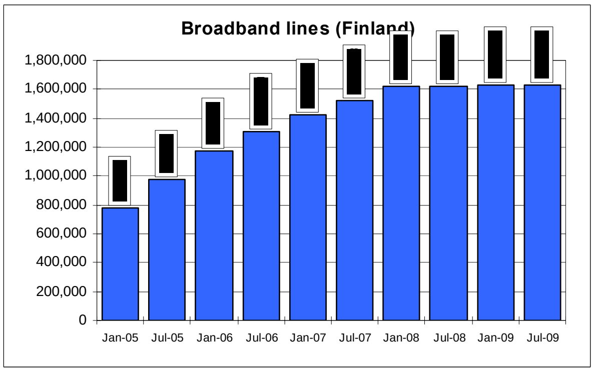










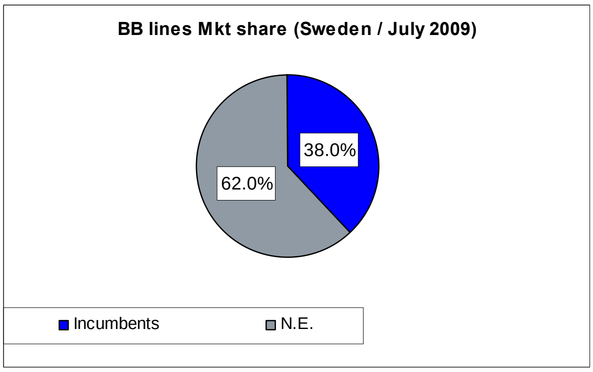


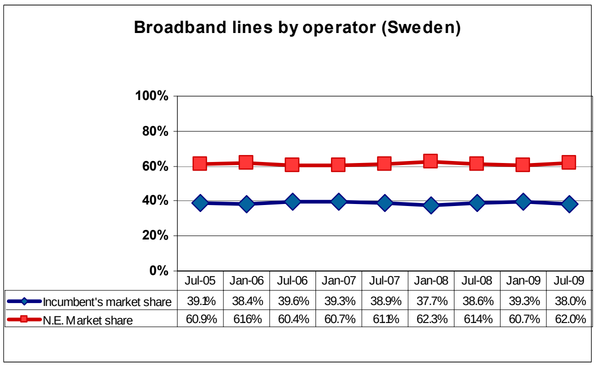
Sweden, July 2009

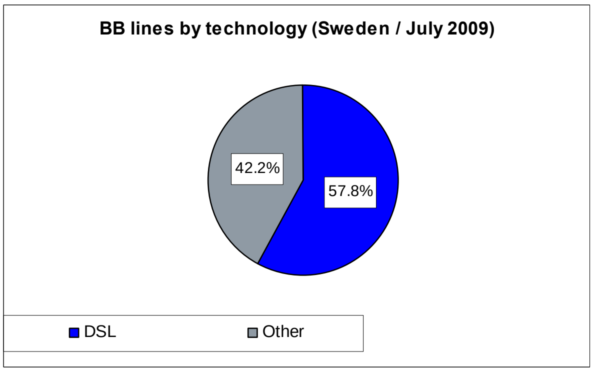
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	717,000	0	58,561	315,680	3,200	156,000	533,441	0	0	0	0	0	0	0	0	0
July 2006	794,000	0	100,000	368,000	0	130,000	598,000	0	0	4,000	21,000	0	0	0	0	25,000
January 2007	896,000	0	119,000	403,000	0	130,000	652,000	0	0	2,000	24,000	0	0	0	0	26,000
July 2007	958,000	0	142,000	431,000	0	130,000	703,000	0	0	10,000	35,000	0	0	0	0	45,000
January 2008	1,010,000	0	164,000	441,000	0	145,000	750,000	0	0	5,000	50,000	0	0	0	0	55,000
July 2008	1,033,000	0	151,000	467,000	0	126,000	744,000	0	0	7,000	59,000	0	0	0	0	66,000
January 2009	1,044,000	0	192,000	408,000	1,000	115,000	693,000	0	0	6,000	73,000	0	0	0	0	79,000
July 2009	1,055,000	0	202,917	389,061	0	93,000	684,978	0	0	0	80,000	0	0	8,000	0	88,000

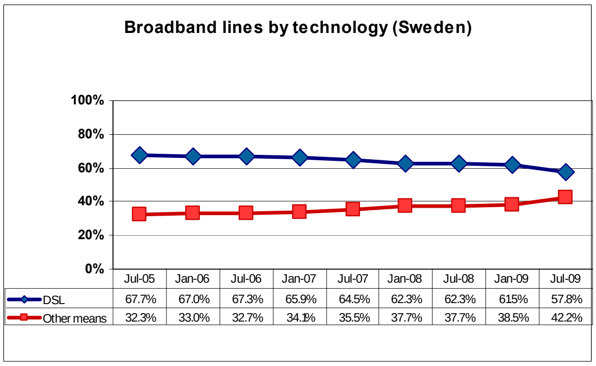
	New entrants' access lines by other means								
	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	9,000	300,000	0	305,000	1,150	85	0	0	615,235
July 2006	8,600	355,000	6,000	282,000	1,000	85	0	0	652,685
January 2007	8,000	445,000	10,000	310,000	850	0	0	0	773,850
July 2007	4,000	500,000	10,000	355,000	700	0	0	0	869,700
January 2008	5,000	536,000	11,000	459,000	0	0	0	0	1,011,000
July 2008	3,000	546,000	7,500	451,000	0	0	0	0	1,007,500
January 2009	2,000	556,000	4,000	460,000	0	0	0	0	1,022,000
July 2009	4,000	586,000	0	589,000	2,000	0	1,000	0	1,182,000

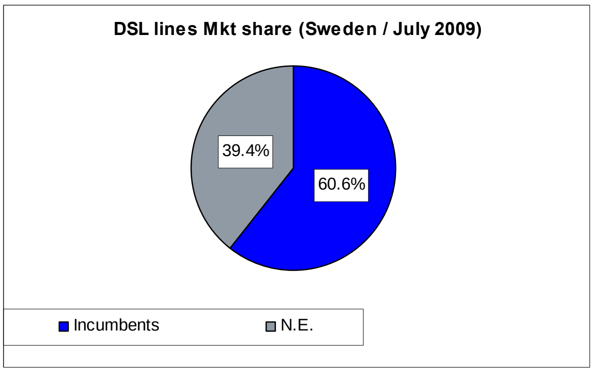
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	717,000	38.4%	1,148,676	61.6%	1,250,441	67.0%	615,235	33.0%	1,865,676
July 2006	819,000	39.6%	1,250,685	60.4%	1,392,000	67.3%	677,685	32.7%	2,069,685
January 2007	922,000	39.3%	1,425,850	60.7%	1,548,000	65.9%	799,850	34.1%	2,347,850
July 2007	1,003,000	38.9%	1,572,700	61.1%	1,661,000	64.5%	914,700	35.5%	2,575,700
January 2008	1,065,000	37.7%	1,761,000	62.3%	1,760,000	62.3%	1,066,000	37.7%	2,826,000
July 2008	1,099,000	38.6%	1,751,500	61.4%	1,777,000	62.3%	1,073,500	37.7%	2,850,500
January 2009	1,123,000	39.3%	1,738,000	60.7%	1,760,000	61.5%	1,101,000	38.5%	2,861,000
July 2009	1,143,000	38.0%	1,866,978	62.0%	1,739,978	57.8%	1,270,000	42.2%	3,009,978

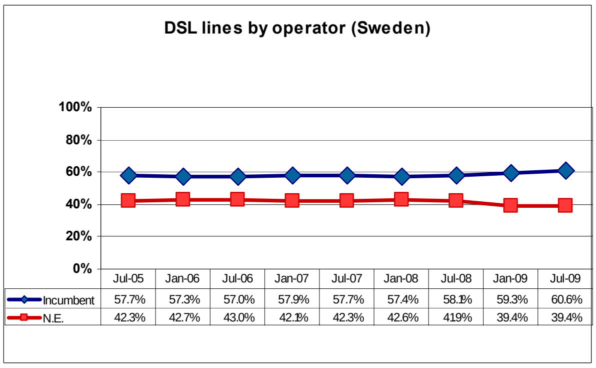


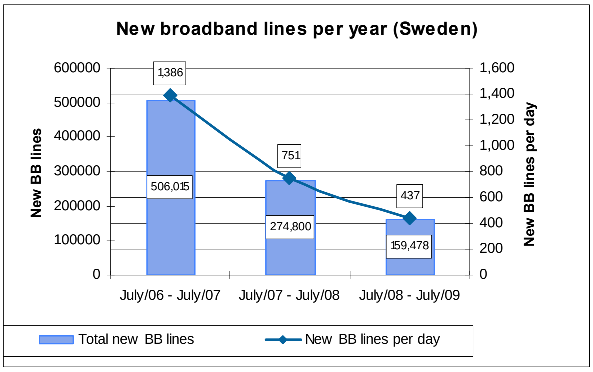


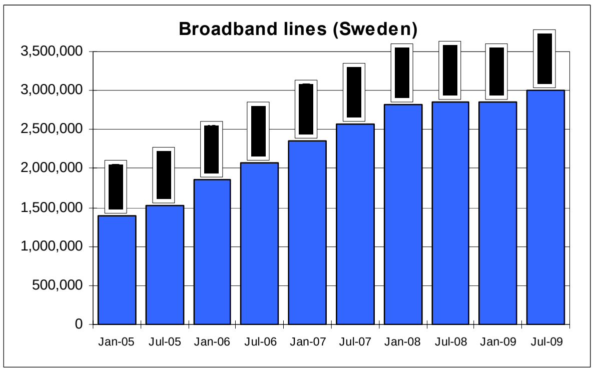








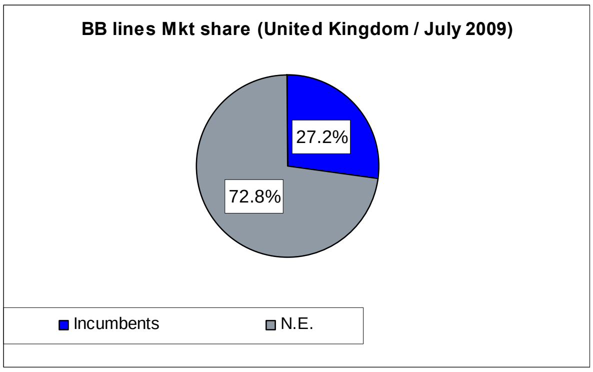


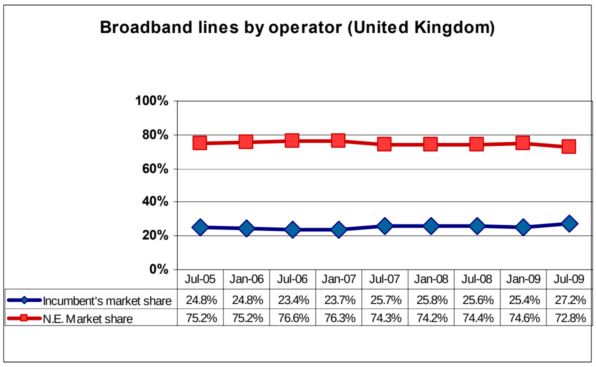


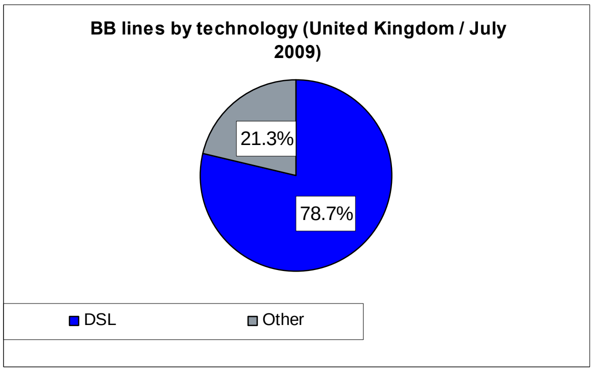
United Kingdom, July 2009

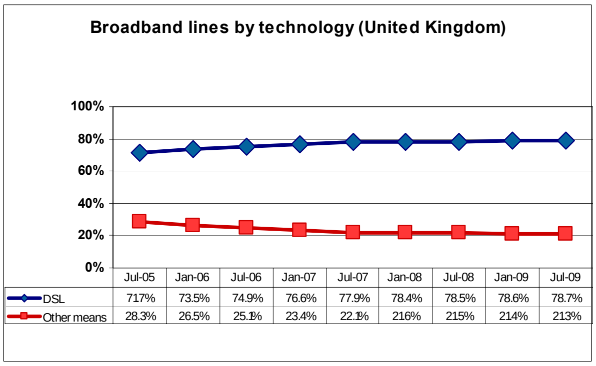
		New entrants' DSL lines on PSTN						Incumbents' access lines by other means									New entrants' access lines by other means								
	Incumbent's DSL lines	Own network	Full ULL	Shared access	Bitstream access	Resale	Total new entrants DSL lines	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)	WLL	Cable modem	Leased lines	Fiber to the home	Satellite	PLC	Other	Public access WIFI Hotspots	Tot. (exc. WIFI)
January 2006	2,450,578	0	99,022	92,978	876,008	3,746,935	4,814,943	0	0	0	0	0	0	0	0	0	2,500	2,614,605	0	0	6,000	0	0	0	2,623,105
July 2006	2,720,000	60,964	163,086	417,079	1,010,691	4,333,083	5,984,903	0	0	0	0	0	0	0	0	0	2,500	2,902,300	0	0	6,000	0	0	0	2,910,800
January 2007	3,102,786	70,272	263,350	1,031,732	1,016,961	4,550,197	6,932,512	0	0	0	0	0	0	0	0	0	2,500	3,058,500	0	0	6,000	0	0	0	3,067,000
July 2007	3,717,759	78,482	687,707	1,735,860	946,509	4,097,036	7,545,594	0	0	0	0	0	0	0	0	0	2,500	3,192,400	0	0	6,000	0	0	0	3,200,900
January 2008	4,030,016	84,920	1,033,145	2,695,665	800,856	3,613,903	8,228,489	0	0	0	0	0	0	0	0	0	2,500	3,363,000	0	0	6,000	0	0	0	3,371,500
July 2008	4,278,906	89,874	1,347,518	3,413,118	806,610	3,175,743	8,832,863	0	0	0	0	0	0	0	0	0	29,000	3,563,400	0	0	6,000	0	0	0	3,598,400
January 2009	4,420,472	93,433	1,596,280	3,906,327	704,050	2,949,066	9,249,156	0	0	0	0	0	0	0	0	0	30,000	3,688,000	0	0	6,000	0	0	0	3,724,000
July 2009	4,834,771	95,064	1,807,869	4,149,549	536,622	2,554,263	9,143,367	0	0	0	0	0	0	0	0	0	30,000	3,742,369	0	0	6,000	0	0	0	3,778,369

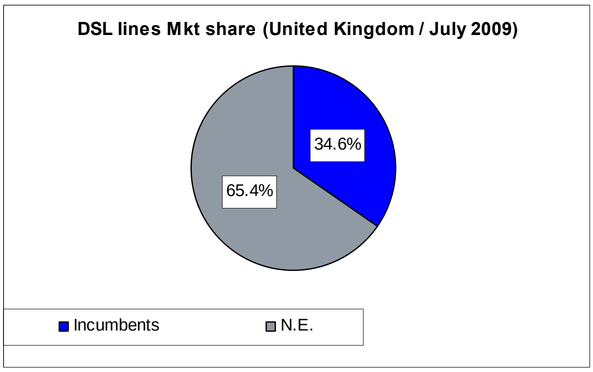
	Incumbents broadband	Incumbents market share	New entrants Broadband	N.E. Market share	Total broadband lines DSL	Market share-DSL	Total broadband lines other means	Market share other means	Total broadband access lines
January 2006	2,450,578	24.8%	7,438,048	75.2%	7,265,521	73.5%	2,623,105	26.5%	9,888,626
July 2006	2,720,000	23.4%	8,895,703	76.6%	8,704,903	74.9%	2,910,800	25.1%	11,615,703
January 2007	3,102,786	23.7%	9,999,512	76.3%	10,035,298	76.6%	3,067,000	23.4%	13,102,298
July 2007	3,717,759	25.7%	10,746,494	74.3%	11,263,353	77.9%	3,200,900	22.1%	14,464,253
January 2008	4,030,016	25.8%	11,599,989	74.2%	12,258,505	78.4%	3,371,500	21.6%	15,630,005
July 2008	4,278,906	25.6%	12,431,263	74.4%	13,111,769	78.5%	3,598,400	21.5%	16,710,169
January 2009	4,420,472	25.4%	12,973,156	74.6%	13,669,628	78.6%	3,724,000	21.4%	17,393,628
July 2009	4,834,771	27.2%	12,921,736	72.8%	13,978,138	78.7%	3,778,369	21.3%	17,756,507

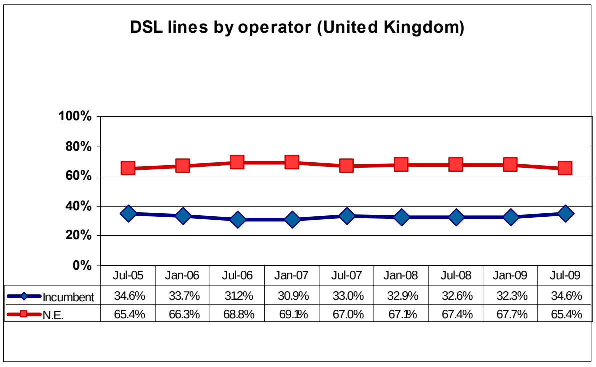


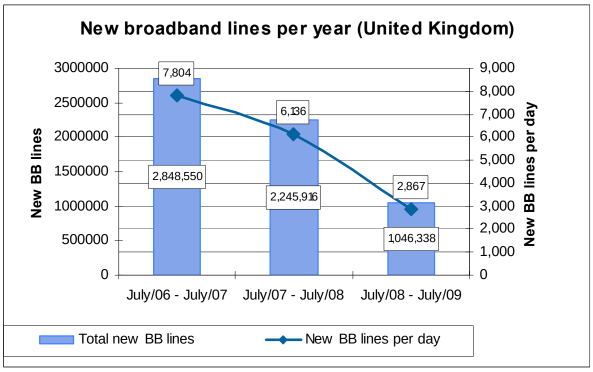


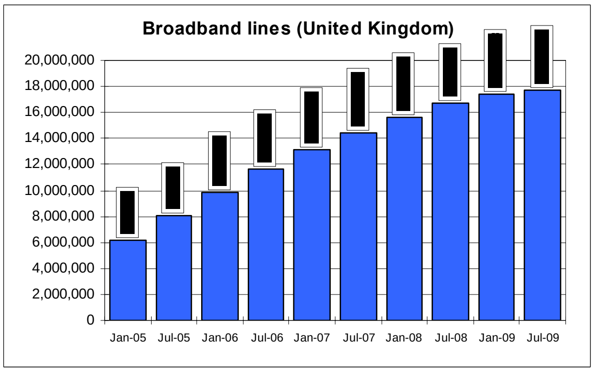












Data on national population used in this report

	2002	2003	2004	2005	2006	2007	2008	2009
BE	10 309 700	10 355 800	10 396 000	10 445 900	10 511 400	10 511 400	10 584 534	10 754 528
BG					7 718 750	7 679 290	7 679 290	7 606 551
CZ	10 206 400	10 203 300	10 211 500	10 220 600	10 251 100	10 287 189	10 287 189	10 467 542
DK	5 368 400	5 383 500	5 397 600	5 411 400	5 427 500	5 447 084	5 447 084	5 511 451
DE	82 440 300	82 536 700	82 531 700	82 500 800	82 455 800	82 310 995	82 314 906	82 050 000
EE	1 361 200	1 356 000	1 350 600	1 347 000	1 344 700	1 342 409	1 342 409	1 340 415
EL	10 988 000	11 006 400	11 041 100	11 073 000	11 122 900	11 170 957	11 171 740	11 257 285
ES	40 850 500	41 550 600	42 345 300	43 038 000	43 758 300	44 474 631	44 474 631	45 828 172
FR	59 342 100	59 635 000	59 900 700	60 561 200	62 886 200	63 392 140	63 392 140	64 351 000
IE	3 899 900	3 963 600	4 027 500	4 109 200	4 209 000	4 209 000	4 314 634	4 465 540
IT	56 993 700	57 321 100	57 888 200	58 462 400	58 751 700	59 131 287	59 131 287	60 053 442
CY	705 500	715 100	730 400	749 200	766 400	778 537	778 684	793 963
LV	2 345 800	2 331 500	2 319 200	2 306 400	2 294 600	2 281 305	2 281 305	2.261.294
LT	3 475 600	3 462 600	3 445 900	3 425 300	3 403 300	3 384 879	3 384 879	3.349.872
LU	444 100	448 300	451 600	455 000	459 500	459 500	476 187	493 500
HU	10 174 900	10 142 400	10 116 700	10 097 500	10 076 600	10 064 000	10 066 158	10 031 208
MT	394 600	397 300	399 900	402 700	404 400	406 020	407 810	413 627
NL	16 105 300	16 192 600	16 258 000	16 305 500	16 335 500	16 357 992	16 357 992	16 405399
AT	8 038 900	8 082 000	8 114 000	8 206 500	8 265 900	8 298 923	8 298 923	8 355 260
PL	38 632 500	38 218 500	38 190 600	38 173 800	38 157 100	38 125 479	38125479	38 135 876
PT	10 329 300	10 407 500	10 474 700	10 529 300	10 569 600	10 599 095	10 599 095	10 627 250
RO					21 610 213	21 565 119	21 565 119	21 498 616
SI	1 994 000	1 995 000	1 996 400	1 997 600	2 003 400	2 010 377	2 010 377	2 032 362
SK	5 379 000	5 379 200	5 380 100	5 384 800	5 389 200	5 393 637	5 393 637	5 412 254
FI	5 194 900	5 206 300	5 219 700	5 236 600	5 255 600	5 276 955	5 276 955	5 326 314
SE	8 909 100	8 940 800	8 975 700	9 011 400	9 047 800	9 113 257	9 113 257	9 256 347
UK	59 139 900	59 328 900	59 651 500	60 034 500	60 416 200	60 798 438	60 852 828	61 634 599
EU 27	453 023 600	454 560 000	456 814 600	459 485 600	492 892 663	494 869 895	495 128 529	499 794 855

Source: Eurostat

Definitions

Definitions used in the tables for the collection of data:

- Fully unbundled lines: Fully unbundled lines supplied to other operators, excluding experimental lines. In the case of full unbundling, a copper pair is rented to a third party for its exclusive use.
- Shared access lines supplied by the incumbent to new entrants: Shared access lines supplied to other operators, excluding experimental lines. In the case of shared access, the incumbent continues to provide telephony service, while the new entrant delivers high-speed data services over that same local loop.
- Bitstream access: Supplied to new entrants. Bitstream access refers to the situation where the incumbent installs a high-speed access link to the customer premises and then makes this access link available to third parties, to enable them to provide high-speed services to customers. Bitstream depends in part on the PSTN and may include other networks such as the ATM network, and bitstream access is a wholesale product that consists of the provision of transmission capacity in such a way as to allow new entrants to offer their own, value-added services to their clients. The incumbent may also provide transmission services to its competitor, to carry traffic to a 'higher' level in the network hierarchy where new entrants may already have a broadband point of presence.
- Simple resale: In contrast to bitstream access, simple resale occurs where the new entrant receives and sells on to end users - with no possibility of value added features to the DSL part of the service - a product that is commercially similar to the DSL product provided by the incumbent to its own retail customers, irrespective of the ISP service that may be packaged with it. Resale offers are not a substitute for bitstream access because they do not allow new entrants to differentiate their services from those of the incumbent (i.e. where the new entrant simply resells the end-to-end service provided to him by the incumbent on a wholesale basis).
- Incumbent's DSL lines: Provided to end users by the incumbent, its subsidiaries or partners (for example an associated company such a joint venture providing ISP services),
- WLL: Internet broadband connections by means of wireless local loop (sometimes referred to as fixed wireless access)
- Cable modem: Internet broadband connections by means of cable TV access
- L.L. (other traditional wireline access): Internet broadband connections by means of dedicated capacity (Leased Lines) provided over metallic copper pairs, including tail ends or partial circuits. “Incumbent's leased lines” includes only retail lines and excludes lines provided to other operators. “New entrants' leased lines” includes all retail lines provided to end users, even if based on wholesale lines supplied by the incumbent.
- Other: Internet broadband connections by means of 3G, satellite, fibre optic, powerline communications, etc.
- Retail access: Access provided to end users.
- Incumbents are defined as the organisations enjoying special and exclusive rights or *de facto* monopoly for provision of voice telephony services before liberalisation, regardless of the role played in the provision of access by means of technologies alternative to the PSTN.
- “New entrants” refers to alternative telecommunications operators, as well as internet service providers (ISPs).
- Broadband capacity: Downstream capacity equal to or higher than 144 Kbit/s
- Mobile BB lines - access to dedicated data services via data modems/cards/USB keys or a number of active users involved in transactions, made in last 90 days, whereby a user accessed advanced data services such as web/internet content, online multiplayer gaming content, VoD or other equivalent advanced data services (excluding SMS and MMS).

Methodology

The data in this document have been collected by the European Commission, Information Society and Media Directorate General, from national ministries and regulatory authorities. The definitions used have been agreed in the Communications Committee (COCOM).

Throughout the document broadband lines are defined as those with capacity equal to or higher than 144 Kbit/s.

Data refer to 1 July 2009.

In some cases information for some types of access is not available. In a number of countries certain figures are estimates, as the National Regulatory Authorities had not received consolidated data from operators. It should also be noted that in some cases information only refers to major broadband access providers and that broadband access lines provided by other small operators are not included.

The charts and tables in this document include primarily fixed broadband lines. Data on mobile broadband access is also available (Chapter 5), however data has been provided by a limited number of countries. Data on speeds, which is also partially available, is displayed in Chapter 6.

This report includes information from all 27 Member States.

Given the non-availability of data pre-ceding 1 January 2007, no trends could be established for Bulgaria and Romania.